Roman Gems and Jewellery:

A quantitative study on trends in Roman gem supply and use from the 1st century BC to the 4th century AD

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Volume ONE: Text

Thesis submitted to the University of Oxford for the degree of

D.Phil. in Archaeology

School of Archaeology

For Doron

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Abstract

Past scholarship on Roman gems has primarily focused on the style and iconography of engraved gems. Recent scholarship by Hélène Guiraud on provenanced gems from Gaul (1988/2008), and by Ian Marshman on provenanced gems from Roman Britain (2016), have set forth methodological guides by which a collection of gems can be collated and assessed from a quantitative perspective, studying their type, style, and iconography. This thesis builds upon the precedent established through their work by moving beyond the limits of a single Roman province, and instead cataloguing and assessing Roman gems from across the Roman Empire. The catalogue of this thesis totals 10,726 pieces from 318 collections, representing the largest assemblage of Roman gems to date. This dataset is not meant to be a complete cataloguing of Roman gems from this period, but instead of a size that mitigates any identification and misclassifications that can be common in the study of ancient gems. Probabilistic chronological distribution and a quantitative methodology have here been employed to identify broad chronological, geographic, and typological trends in Roman gem use from the 1st century BC to the 4th century AD.

The first chapter sets forth the research questions that will be asked and answered of each dataset, as well as identifying the biases and challenges inherent to the material. The second chapter presents the types of gems, their characteristics, and mineralogical sources, followed by an analysis of Indo-Roman maritime and overland trading routes. The third, fourth, and fifth chapters are quantitative in their focus, addressing increasingly refined datasets of Roman gems. The third chapter is dedicated to the empire-wide dataset, first broadly looking at all jewellery types, and then focusing on engraved gems, blank gems, and finger rings. The fourth chapter looks to material from Roman sites and provinces focusing on Gaul, Britain, and Egypt, as well as Carnuntum, Caesarea Maritima, Xanten, and Aquileia. The fifth chapter catalogues the gems from Roman coin hoards using data from The Oxford Roman Economy Project's Coin Hoards of the Roman Empire as its foundation. The quantitative conclusions derived from the refined datasets in chapters three, four, and five present probabilistically secure evidence of chronological, geographic, and typological trends in gem usage. The sixth and final chapter of the thesis looks to visual representations of gems and jewellery on Pompeian frescoes and funerary portraits from the Fayum and Palmyra, focusing specifically on how these carved and painted renditions relate to what is observed in the archaeological record.

The quantitative conclusions presented here represent the first for gems from across the Roman Empire. Where past scholarship has addressed Roman gems and jewellery in broad impressionistic tones, this thesis distinguishes itself by presenting quantitative evidence for commonness, rarity, and use. It considers Roman gems from a material perspective, assessing the geographic and chronological patterns of use through probabilistic distribution and quantitative analysis. Using this methodology gems become indicators of wealth, the safety of Rome's trading routes, and the health of the Roman economy.

Chapter 1: Introduction: Methodology, Research Aims, and Previous Studies

Roman engraved gems have long been the subject of scholarly study, due to their beauty, style, value, and iconography. Publications have captured the enthusiastic interest of private collectors and museums, highlighting the iconographic depth and range of Roman engraved gems alongside the evolution and sophistication of engraving techniques. As a result of past publications focusing on a particular collection, gem type, or iconographic element and theme, broader quantitative conclusions regarding trends in use within the greater Roman Empire have not been drawn. The results of a quantitative analysis of Roman gems contribute to other areas of research including studies on maritime and overland trade, mining and exploitation of natural resources, supply and demand of highly desired goods, and Roman provincial art. Such a quantitative study is the purpose of this thesis, and to accomplish it, 318 collections were catalogued totaling 10,726 pieces, representing the largest catalogue of Roman period gems and jewellery to date. A dataset of this size does not promise complete inclusivity but rather the extensive inclusion of material dated from the 1st century BC to the 4th century AD from Roman Britain, Europe and across the Mediterranean to northern Africa and Syria, sufficient for reasonably reliable results from statistical analysis.

Research Aims and Objectives

The aims of this thesis are to build a profile of Roman gem and jewellery types, and to identify and interpret the chronological, regional, and typological trends in the use of different kinds of stones manifested through quantitative studies of different data sets. For the purposes of this study the 'Roman period' dates from the

1st century BC - 4th century AD and covers the territory from northern Britain through Europe to the Black Sea, and across the Mediterranean to northern Africa and Syria (Palmyra).

The study of Roman gems and jewellery was, in the past, an often-marginalised discipline, categorized as a 'minor art' and divorced from the wider study of Roman culture from its importance as a component of everyday life. Nevertheless, the attraction of ancient gems was manifested in the avid collection of these pieces, with catalogues dedicated to the collections of aristocrats and kings, as well as to the larger holdings of museums and collections across Europe. It is here that we see the study of gems taking an iconographic and chronological turn, with work by scholars focusing on the imagery and style, rather than provenance and gem type. This was in great part due to the poor records kept by early curators and collectors, and the challenging nature of archaeological excavations and the market for ancient artifacts. With past scholarship being almost exclusively stylistic and iconographic in nature, a chronological framework of stylistic trends in gems and jewellery was built, providing a (rough) methodology for the dating of unprovenanced gems and jewellery. In all of this, the very nature of the gem—the type of stone, its colour, shape, and quality, and thus its rarity or otherwise—reflects an area for further scholarship.

This thesis aims to answer the following questions:

1. What broad trends in rarity, sources, and supply can be identified when discussing Roman gems? What are the biases inherent in this study, and how might these affect the results?

2. Which stones are more common, and which are rare at any particular period (necessarily using a broad periodization)? How does this change over time across the crude chronology available to us? Is there evidence to suggest differential gem selection, and, if so, do such selections relate to chronological or geographic factors in the Roman gem trade?

3. Are there regional or community differences when studying gems from particular provinces or sites—here concentrating on Britain, Gaul, and Egypt, as well as Caesarea Maritima, Carnuntum, Xanten, and Aquileia (for which material is particularly available)? How do these relate to chronological or geographic factors born from Roman gem trade?

4. Are there patterns of gem usage related to jewellery type? Relatedly, how do visual representations of Roman jewellery from Pompeii, the Fayum, and Palmyra compare to the broader array of found material?

By examining trends, scarcity, and period, a more thorough assessment of Roman imperial gem usage will be identified. The resulting conclusions can be used to strengthen and clarify the already

established stylistic and iconographic framework and provide a new framework for provenanced and hoard discoveries, as well as painted and sculpted images of Roman jewellery.

The Organization of this Thesis

This introductory chapter, dedicated to the methodology employed in the thesis, introduces the biases inherent in a study of ancient gems and jewellery. While many of the biases are shared by any study addressing ancient art, there are some that are specific to gems and jewellery. The biases are ingrained in past scholarship on the subject which has been steadfast in its focus on engraved gems and finger rings, addressing them from stylistic and iconographic viewpoints. The focus on specific jewellery types has meant that our understanding of Roman gem usage in jewellery is extensive in some areas, and deficient in others. In considering those deficiencies, the first chapter outlines questions and parameters by which the gems and jewellery will be analysed, making note of what it might be possible to conclude with consideration for these biases.

To better understand trends in use, and to make informed assessments on availability and rarity, the second chapter addresses available gem types, their ancient and modern terminology, material and colour, sourcing, and trade. This chapter presents a broad picture of Roman gems during the 1st century BC to the 4th century AD, establishing the foundation of the quantitative studies in subsequent chapters.

Through a series of quantitative studies addressing increasingly refined datasets, this thesis will identify trends in use, type, and period. Presented in the third chapter, the first dataset addresses the empire-wide catalogue of 10,726 pieces from the Roman Empire dating from the 1st century BC to the 4th century AD. The pieces are discussed according to gem type to establish a hierarchy of commonness in use across the defined chronological period. The subsequent analysis of engraved gems, blank gems, and finger rings presents a subset of the central dataset numbering 8,897 pieces, excluding other jewellery types. The focus on these three jewellery types is a necessary distillation of the empire-wide catalogue, which guarantees that the conclusions made in Chapter 3 regarding Roman gem usage have parity with past scholarship on the subject, which often focuses on these categories only.

The catalogues discussed in chapters two and three contain a large quantity of unprovenanced material, and so the fourth chapter looks specifically at provenanced material from the Roman provinces of Britain, Gaul, and Egypt, as well as four Roman sites: Caesarea Maritima, Carnuntum, Aquileia, and Xanten. These provinces and sites are chosen because there are relatively substantial quantities of provenanced and excavated gems from them. The provincial and site material comprises the second dataset, a refined catalogue of provenanced engraved gems, blank gems, and finger rings.

The fifth chapter presents the third and final dataset of material, of gems included within hoards of Roman coins, the majority of which has been catalogued by the Coin Hoards of the Roman Empire Project.[1] This dataset analyses gems and jewellery from 57 hoards discovered across the Roman Empire and dated more or less precisely within the five centuries addressed in this study. The reason for the focus on gems found within hoards is that these typically provide very well dated contexts.

The sixth chapter brings the analysis to the subject of art, addressing the depictions of jewellery and gems in the painted portraits of the Egyptian Fayum mummies, the carved funerary portraits from Palmyra, and examples of jewellery depicted on Pompeian frescoes. Studying the visual representations of gems and jewellery, and comparing how these relate to the archaeological record, informs our understanding of the realism of the adornments depicted as well as broadly underscoring the findings from the empire-wide, provincial, site, and hoard quantitative studies.

This thesis identifies and responds to the need for a quantitative enquiry of Roman gems and jewellery. Through the initially broad, and later refined series of analyses addressing the largest catalogue of Roman gems and jewellery to date, this thesis takes a traditionally iconographically and stylistically studied material and applies a quantitative perspective to its evaluation. By contextualizing the study of Roman gems and jewellery within larger studies of ancient economics, trade, visual and material culture, it demonstrates the importance of this field of study in understanding the ancient Roman world.

Foundation and Precedents for this Study

Scholarship on Roman gems and jewellery has been largely siloed into museum collections, stylistic and iconographic studies, regional compendia, typological analyses commonly relating to a particular ruler or dynasty, and thematic overviews frequently looking at images of power and propaganda in Roman engraved gems and cameos. Within these, the study of Roman gems and jewellery has developed two distinct avenues of inquiry that are relevant to this thesis: the first introduces a quantitative approach to the study of Roman gems, offering a critical understanding of the scale and typology relating to this particular commodified good.[2] The second looks at the Roman gem trade from the logistical angle, addressing trade routes, shipping manifests, and possible areas of gem sourcing.[3]

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[1] https://oxrep.classics.ox.ac.uk/coin_hoards_of_the_roman_empire_project/#:~:text=Thousands%20of%20coin%20hoards%20have,Roman%20Economy%20as%20a%20whole.

[2] Guiraud 1988; Dembski 2005; Marshman 2016; Amorai-Stark and Hershkovitz 2016.

[3] Seland 2013, 2016a, 2016b; Cascio 2017; Cobb 2018; Gawilkowski 2018; De Romanis 2020.

This thesis aims to unite these two areas by first looking at gem types and sourcing, followed by a quantitative study of various datasets aimed at asking questions about gem availability and commonness, regional preferences, and chronological trends of usage. This new approach merges a gem-focused analysis of a large central dataset comprising several museum collections and related publications, with regional, site, and hoard datasets, with a view to sketching trends in supply and use of gemstones in Roman-period jewellery.

Lastly, the thesis shifts its quantitative approach in the final chapter to address how the artistic depictions of gems and jewellery relate to the trends previously identified in the datasets, and what connections can be made between the visual imagery, quantitative conclusions, and archaeological record. In the past, painted and sculpted depictions of jewellery have been discussed alongside examples of jewellery from their site/region, but never from an empire-wide perspective. Additionally, the Fayum portraits have been discussed alongside the carved Palmyra portraits,[4] but the inclusion of the Pompeian wall-paintings, representing an Italian perspective, will offer an important comparison to the regional/provincial interpretations from Egypt and Syria.

The precedents for a quantitative study are the regional catalogues completed by Guiraud of Roman gems from Gaul 1988 and 2008, and by Marshman of Roman gems from Britain (2016), which was a continuation of Henig's earlier work.[5] These represent catalogues of Roman gems provenanced to Gaul and Britain found in French and British collections respectively.[6] To a different degree precedents are provided by the site-specific catalogues of Caesarea Maritima, Carnuntum, Aquileia, and Xanten and its environs.[7] These catalogue material provenanced to the sites, with the volumes focused on Caesarea Maritima and Carnuntum using the data to present a quantitative picture of gem types and styles.

These catalogues mentioned above demonstrate that the profile for Roman gem usage follows many of the general patterns from province to province, site to site: a prevalence of red stones—carnelian being the primary stone in use—with a secondary interest in banded varieties of chalcedony. Broadly speaking, these conclusions could be ascertained by a cursory look at what is on display at the British Museum in London, or the Staatliche Museen zu Berlin. However, what is not clear, owing to the focused nature of the scholarship that looks at type, region, or a particular collection, is how the Roman Empire as a whole used gems, what regional preferences existed if any, and how gem usage can be tracked across a broad chronology, perhaps in response to the shifts in accessibility of sources, or changes in the trading

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[4] Krag 2018.

[5] Henig 1971, 1972, 1974, 1975a, 1975b, 1978a, 1978b, 1983, 1990, 1991, 1992, 1994, 2003, 2004, 2007.

[6] The works by Guiraud and Marshman do not account for material provenanced to their respective country but stored in other collections outside the regional scope. Neither is meant to be an exhaustive study of a particular provincial gem profile, but rather a concrete look at what can be catalogued with certainty as a Roman gem from the province under consideration.

[7] Platz-Horster 1987, 1994; Dembski 2005; Sena Chiesa 2009; Amorai-Stark and Hershkovitz 2016.

routes. To this end, and with consideration to past publications, the resulting conclusions from this thesis will build upon previous studies, offering a new lens through which to study smaller subsets of data.

The material available to us through the many publications on Roman gems should yield a trove of data that lends itself to the quantification of gem usage in the Roman empire, demonstrating regional preferences or chronological trends. What stands in the way of a true and exact quantification are a number of hurdles, some characteristic of the study of material in the ancient world, and others inherent in the study of a portable and costly good. These biases in preservation, excavation, collection, publication, and identification, as well as others related to the varying parameters of the different studies, create problems in integrating the entirety of the collated data into a comprehensible bulk of material. This thesis aims to work through some of the primary biases inherent in the archaeological record of Roman gems and jewellery, suggesting possible ways in which scholars can engage with the material, and putting forth both broad and specific conclusions regarding gem trade and usage in ancient Rome. Ultimately, this thesis will offer a new, and more comprehensive view of gem usage across the Roman Empire, identifying rarity and commonness in stones from the period. For example, in considering survival bias, what do the surviving examples of pearls say about their place among the other materials, and while not a common material for engraved gems, were pearls favored above stones in other types of jewellery. This thesis offers quantifiable data on gems and jewellery from the 1st century BC - 4th century AD, data that are not limited to a particular region, or gem type, but instead will be the underpinning for any scholarship on Roman gems from this point forth, as the thesis captures not only empire-wide gem usage, but also offers more focused studies relating to site, type and region.

Factors Influencing Data Available for Study

Despite the great many publications and sources dedicated to the subject of Roman gems, there remains a challenge in synthesizing the information available, and ensuring consistency in how the material itself is catalogued, assessed, and interpreted. Consistency is important as it ensures parity in addressing the different facets of an object. Yet from publication to publication there are discrepancies in how chronology is addressed, how stone types are categorized, and due to the subjective nature of material identification, there is an inherent but understandable problem in distinguishing what type of stone is being catalogued. As methodologies are varied, synthesizing the information available, with an effort at consistency is difficult, not to mention the fact that the archaeological record itself is incomplete, as scholars are studying a fraction of what was, knowing that the original number will forever be unknown.

With any study, but especially one addressing material as rife in subjectivity as gems and jewellery, it is necessary to outline the biases and challenges at the outset of the study. This is done with the

expectation that the resulting project and thesis will engage with these biases, and offer options and alternatives, ensuring that the resulting conclusions are wisely made with the available evidence.

Preservation

Because we can only study what has survived, we are faced with specific challenges characteristic of gems and jewellery, a commodified and costly good that was portable, recycled, inherited, and often lost. Their original setting and engraving could have been vastly different from what we see now, meaning that a repair could have replaced a missing gem with another, a gem could have been engraved with a different symbol, and a stone once set in a ring could be now in a pendant. While they are not quite as invisible to the archaeological record are grains and spices (among other perishable goods that live on chiefly through textual and visual sources), gems and jewellery present their own series of challenges, in that provenance and original formulation are difficult to ascertain. There is also a particular survival bias relating to pearls, which make up less than 2% of the central dataset, in great part due to the fact that pearls so rarely survive from antiquity as a result of their delicate nature—they are primarily composed of calcium carbonate, which makes them vulnerable to mineral and organic acids.

Excavation versus Illicit Trafficking

Because the very nature of jewellery and its material profile is costly, what we view as a wide-ranging catalogue of Roman period material in the central dataset, is inherently incomplete. Examples abound of gems and jewellery that have made their way into museum collections under less than auspicious conditions, having been illicitly excavated and sourced, bought and sold with no provenance, or, in some cases, a fictitious one invented to satisfy a particular collector.[8] In the past, illicit excavations undertaken by or for private individuals have resulted in material being lost to the public, stored in homes and made a part of private collections. These pieces have been separated from their catalogued contemporaries, and thus been made non-participatory members of the greater archaeological narrative.

Excavation bias can also come in the form of whole regions being represented differently in the archaeological record due to the frequency of expeditions and sanctioned digs, the discovery and preservation of archeological sites, as well as the subsequent cataloguing and publication of the discovered

[8] Fisman and Wei 2009, 82-96; Campbell 2013, 113-153; Nikolentzos, Voutsa, and Koutsothanasis 2017, 351-376; Simon and Röhrs 2018, 20.

material. Jewellery from Roman Egypt, an important province for gem trade in antiquity, and one of the two import gateways for gems headed to the Mediterranean from the East, represents a fraction of what has been found in other Roman provinces. Archaeological work conducted at port sites demonstrates a rich array of gem debitage, providing evidence that the gamut of stones was shipped through and/or worked in this region, yet the provenanced archaeological record for Roman Egypt is poor when compared to the material catalogued from Gaul and Britain.[9]

Collection Bias

A museum or private collection is composed of pieces that were selected and/or gifted, which means that the material selection as a whole is a constructed entity, made up of work that was purposefully cultivated. Museums or private collectors will often search for pieces that will strengthen their assemblage, introducing rarer examples to ensure variety. This is not the case with regional provenanced collections, which speak to the material that was found, and not material that was composed and arranged over a period of time. A regional collection is invariable in its origins, while a museum or private collection is dependent upon the work of curators and donors whose interests drive collections in certain material or stylistic directions. This is not to say that museum and private collections are not useful datasets, but the collections themselves are inherently biased, and their material must be studied accordingly. Museums may make a greater effort to source rarer stones; but while that may dampen slightly the effect of rarity, and perhaps under-represent somewhat the most common varieties of stones, it is unlikely to *reverse* the relative frequency of the commoner and rarer varieties.

Publications and Digital Catalogues

The first biases encountered with any publication or digital catalogue are the rules and parameters set forth by the author regarding what to include and what to leave behind. An example of this is the issue of the blank gem: within the study of ancient gems, some authors will not include loose blank gems, while others choose to include them and annotate the fact that the loose gem in question is blank. The bias here is that by excluding blank gems from the catalogues of engraved gems and finger rings, the most common typologies of jewellery studied from antiquity, there is an incomplete representation of Roman-period gems, with a bias towards those that were engraved. This in turn is a bias in favor of particular gem types, as some

[9] Wendrich et al. 2003.

materials were easier to engrave than others. Therefore, the absence of blank gems from many of the catalogues could be skewing the perception of what was available and in use.

Another problem inherent in a modern study of ancient gems is that we must contend with both print and digital sources of information. In referencing both print and digital resources when able, the most recent source was used, but this in itself has its own bias. While some museums have made their collections available for study through an online database, many have not, in which cases the printed publications have been sourced and referenced. There will inevitably be some missed pieces, as the print publications and the digital databases rarely ever offer a complete guide to the collection in question. The printed catalogue only references material up to its year of publication, while a digital database may be updated in some cases hourly, and therefore can never be exhaustively studied. If the expectation for this thesis was to build a comprehensive catalogue of all 1st-century BC to 4th-century AD Roman gems, these cataloguing biases would have halted the project at its inception. Instead, because the focus is a wide-ranging, quantitative look at a vast array of material, the biases faced in the print and digital catalogues pertaining to the large museum collections will be addressed through a broad handling of the data, ensuring that the fluid nature of the sources is used to present general conclusions. The regional, site, and hoard-specific studies will still have the original bias of an author's interpretation, but their complete nature focusing on a smaller subset of data will create a contained grouping of pieces, as well as a set parameter to work within.

Forgeries, Misidentification, and Broad Chronology

The forgery or imitation of ancient, engraved gems and jewellery, whose original methods of production are known and easily replicated, results in difficulties ascertaining whether a piece is authentic or not. As the materials used in jewellery—stones and metal—cannot be radiocarbon-dated, a stylistic or iconographic identification must be conducted. The difficulties here reside in the fact that this type of identification is fallible, as exemplified by the recent discovery made of the Getty Gnaios, an amethyst intaglio depicting Mark Antony, whose origins were thought to have been at the hands of the master gem engraver Gnaios in the late 1st century BC, but was instead cut by Giovanni Calandrelli sometime between 1817-1824.[10] Because so much of the material studied is unprovenanced, the initial framework of stylistic identifiers for engraved gems links a certain iconography or engraving technique with a particular artist or period. This framework is useful in connecting works and building a greater context for the study of engraved gems, but at times the methodology is incorrect. The work done by Platz-Horster in recognizing the impression of the Getty Mark Antony in the collection of Poniatowski impressions in Berlin (thus refuting its early Roman

[10] Lapatin 2021, 1-19.

imperial date and attribution to Gnaios), brings into question the other engraved gems attributed not only to him, but to other ancient gem engravers as well.

A secondary, but no less common issue, is the misidentification of gem types. Ideally, museums would have a gemmologist on staff to correctly identify each gem in their collection, but as this is rarely the case, the resulting catalogues and digital collections are composed of data accrued over many years of collecting that have probably not been re-evaluated in some time. Exceptions of course occur when trained gemmologists participate in publications that require a revision of a particular gem type or collection, but with any study of ancient gems, the identification of what type of gem it is, is purely up to the abilities and knowledge of the original cataloguer. The cataloguing strategy discussed below under "Colour" is designed to mitigate the effect of such possible misidentifications, and the analysis deliberately avoids focusing too narrowly on stones most likely to be misidentified or confused, e.g., treating carnelian and sard together.[11]

Because the incidence of misidentification is possible if not probable, in this thesis efforts were made to ensure that any misidentified stone(s) did not affect the subsequent conclusions. A similar issue arises with the chronological parameters set forth by the original cataloguers, who would often rely on a general 'Greco-Roman' identifier when a specific date could not be ascertained. In some cases, where the piece was iconographically dated to the Roman period, the chronology is still broad, spanning five centuries or more. To exclude material with a broad chronology would result in a rather paltry dataset. In order to include it, similar quantitative studies have applied a probabilistic distribution to the chronological parameters ensuring that the date are equally weighted across the varying centuries included in the initial catalogue entry.[12]

Data Collection and Methodology

This thesis builds on past publications on Roman gems and jewellery, adding to the discourse traditionally addressing stylistic and regional questions, and addressing the material quantitatively with the particular focus on gem type. This is done through the assembly of a central dataset that, while limited in its inability to be completely exhaustive, presents the largest corpus of catalogued Roman gems and jewellery to date.

The central catalogue, numbering 10,726 pieces, was built in order to conduct a quantitative study of Roman gems and jewellery so as to identify broad patterns of usage relating to type, chronology, and

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[11] In Walter's 1926 catalogue raisonné of the engraved gems in the British Museum, some garnet gemstones are either misidentified as amethyst or sard. The problem continues throughout the 20th century in catalogues of both western (Graeco-Roman) and eastern (Central and South Asian) engraved gems. Similar terms appear and garnets are misidentified as sard, agate or chalcedony.

[12] This is discussed at greater length later in this chapter in the sub-section Object Date.

region. This general picture of Roman gems provides the foundation for a series of rigorous and thorough studies of regionally specific sub-catalogues that provide chronologically and contextually sound datasets of Roman period gems.

Building a comprehensive and thorough catalogue of 1st-century to BC-4th-century AD Roman gems and jewellery is a relative impossibility due to the challenges of studying an easily portable, often recycled, and at times mis-identified commodity. Provenance, chronology, and gem identification are the three most challenging, and often incorrectly documented aspects of any study focused on ancient gems and jewellery, and for this reason, while there are many catalogues that comprehensively capture material from a particular region, or decorated with a specific iconography, there will always be issues with the data as one or all the three elements may be in question: provenance, chronology, or gem type.

One of the ways to mitigate the inaccuracies inherent in a regionally and chronologically broad study of ancient gems, such as this one, is to build a large enough dataset that any errors would be damped down, and any quantitative conclusions would be probabilistically secure, as any inaccuracies would not be mathematically significant. That said, the biases present in this type of study force us to make general, rather than specific, conclusions regarding basic trends in Roman gem usage. Past scholarship on Roman gems and jewellery developed a general chronological framework that is useful for the unprovenanced material catalogued in the central dataset but limits us in using those data for more precise conclusions. The smaller sub-sets of data provided through the cataloguing of gem material from the regional, site and hoard catalogues offers a distinct advantage in that their material is geographically and/or chronologically soundly provenanced. They thus provide a set of dated and provenanced controls of the central dataset. That aside, these smaller sub-sets of data are not without their biases, as identification of material and chronology was done by the original cataloguer, and thus are perhaps not faultless.

Central Dataset

The data collected come from museum collections viewed at first hand, when possible, as well as from print and digital sources. The collections were chosen with consideration to the geographic parameters of the thesis, incorporating assemblages that contained material from regions under Roman control from the 1st century BC to the 4th century AD, and covering the territory from northern Britain through Europe to the Black Sea and across the Mediterranean to Palmyra and Roman Egypt. Table 1.1 lists the 318 collections used with summary numbers of the pieces from each collection. The aim was to provide a large dataset for statistical analysis from as many collections as was possible within the finite amount of time available for research with this thesis. The dataset makes no pretence to completeness but is large enough that I am confident that the inclusion of another collection would not substantially alter the conclusions of the thesis.

Table 1.1 List of collections in the empire-wide dataset, including the number of pieces in each collection.

Collection	Pieces in Collection
Ägyptisches Museum und Papyrussammlung	18
Alexandria National Museum	2
Antike am Königsplat	4
Arbeia Roman Fort & Museum	12
Archaeological Museum / The Treasure of Eauze	25
Archaologischen Institut der Universitat Gottingen	73
Ashmolean Museum	148
Badisches Landesmuseum	2
Barbican House Museum	3
Bassetlaw Museum, Retford	1
Benaki Museum	47
the Beverly Collection at Alnwick Castle	1
Birmingham Museum & Art Gallery	2
Bowes Museum	2
Braintree Museum	1
Brampton Museum & Art gallery	1
Bridport Museum	1
Bristol Museum & Art Gallery	6
British Museum	1305
Buckinghamshire County Museum, Alyesbury	2
Buxton Museum	1
Bibliothèque nationale de France, département des Monnaies, médailles et antiques	104
Canterbury Heritage Museum	3
Carmarthenshire Museum	7
Cazères Museum	1
Centre Allonais de prospections et recherches archéologiques (CAPRA)	2
Centre Archéologique du Var à Toulon	2
Centre Archéologique Ribemont-sur-Ancre	1
Centre de Codumentation Archéologique	1
Centre de documentation archéologique, Angers	1
Centre de Recherches Archéologiques	4
Centre de recherches archéologiques, Saint Marcel	8
Centre de Recherches Archéologiques, Saint Marcel	8
Chapelle des Lazaristes, Collection des Pères Lazaristes	3
Chelmsford Museum	1
Chester Archaeological Society	7
Chester Site Museum	8
Cliffe Castle Museum, Keighley	1
Clifton Park Museum, Rotherham	2
Colchester Castle Museum	26
Corbridge Roman Site & Museum	22
Corinium Museum, Cirencester	12
Corpus Christi College, University of Cambridge	1

Collection	Pieces in Collection
Craven Museum	2
Curtis Museum, Alton	1
Departmental Museum of Ancient Art and Contemporary, Épinal	1
Dépôt, Laboratorie archéologique, Université Rennes	1
Dépôt, Société, Monestiés	1
Dépôt archaéologique, Sarthe	1
Dépôt archéologique de Mâlain	2
Dépôt de fouilles de Gabian	3
Dépôt de fouilles de Gaujac	3
Dépôt de fouilles de Magalas	1
Dépôt de fouilles de Mâlain	11
Dépôt de fouilles de Thérouanne	1
Dépôt de fouilles, Angers	1
Dépôt de fouilles, Castelnaudary	1
Dépôt de fouilles, Ehl	5
Dépôt de fouilles, Escolives	2
Dépôt de fouilles, Grand	2
Dépôt de fouilles, Nantes	5
Dépôt de fouilles, Strasbourg	2
Dépôt de fouilles, Thonon	3
Dépôt de fouilles, Toulouse	2
Dépôt, groupe archéologique, Gimont	1
Dépôt, Groupe de Secherches Archéologiques	1
Dépôt, Mandeure	1
Doncaster Museum	4
Dorchester County Museum	2
Dorman Museum, Middlesbrough	1
Dorset County Museum	1
Dover Castle Unit HQ.	1
Dumfries Burgh Museum	1
Eastbourne Museum	1
Eccles Excavation Committee	1
English Heritage Aldborough Site Museum	4
English Heritage Fort Brockurst Store	1
English Heritage Portchester Castle Site Museum	1
English Heritage Store	1
English Heritage Store Atcham	32
English Heritage Store Dover	2
Eretz Israel Museum	14
Falkirk Museum	2
Fishbourne Site Museum	4
Fitzwilliam Museum	135
Gascoin Museum	1
J. Paul Getty Museum	250
Glamorgan & Gwent Archaeological Trust	1

Collection	Pieces in Collection
Great North Museum Hancock, Newcastle upon Tyne	9
Grosvenor Museum, Chester	12
Group de récherches archéologiques, Saintes	1
Groupe archéologique, Gimont	2
Guernsey Museum & Art Gallery	2
Guildhall Art Gallery	1
Hampshire Museum Service	1
Harborough Museum	1
Harlow Museum	6
Hawick Museum	1
Hendler Collection	228
Hendon Library	1
Hereford Museum	3
Heritage Eastbourne	1
Herzog-Anton-Ulrich-Museum Braunschweig	114
Housesteads Site Museum	7
Hull & East Riding Museum	3
Hunterian Museum, Glasgow	3
Institute of Archaeology and Antiquity at the University of Birmingham	1
Ipswich Museum	2
Jewry Wall Museum, Leicester	7
Katholischen Kirchengemeinde St. Viktor	2
Kunsthistorisches Museum Wien	188
Le Logis-de-Berre	1
Leeds City Museum	1
Letchworth Museum	2
Liverpool Museum	1
Llulingstone Site Museum	1
Lower Winskill Farm, collection of Tom Lord	1
Lunt Roman Fort Museum	1
Luton Museum	1
LVR-Archäologischer Park Xanten	163
Lydney Park Site Museum	2
Maidstone Museum	3
Malton Museum	1
Manchester City Art Gallery	1
Metropolitan Museum of Art, New York	159
Montrose Museum & Gallery	1
Moyse's Hall Museum	1
Museum of London	1
Musée Aaint-Didier, Langres	1
Musée Alise-Sainte-Reine	3
Musée Annecy	1
Musée archaéologique, Nîmes	9
Musée Archéologique de Châtillon-sur-Seine	3

Collection	Pieces in Collection
Musée Archéologique ed Minéralogique	1
Musée Archéologique et Minéralogique P. Borrione	2
Musée Archéologique Hyères	1
Musée Archéologique Mary Larrieu-Duler	1
Musée Archéologique regional, Saint-Pere	2
Musée Archéologique, Apt	2
Musée Archéologique, Bavay	7
Musée Archéologique, Brenteuil-sur-Noye	6
Musée Archéologique, Châtellerault	1
Musée Archéologique, Dijon	17
Musée Archéologique, Epernay	1
Musée Archéologique, Fréjus	7
Musée Archéologique, Guiry	1
Musée Archéologique, Laon	3
Musée Archéologique, Lattes	6
Musée Archéologique, Lyon	1
Musée Archéologique, Mountmaurin	1
Musée Archéologique, Murviel-les-Montpellier	1
Musée Archéologique, Rouen	5
Musée Archéologique, Saintes	8
Musée Archéologique, Vaison	3
Musée Barrois, Bar-le-Duc	11
Musée Bertrand	6
Musée Borély	1
Musée Briord	1
Musée Champagnole	2
Musée Château de Montbéliard	5
Musée Châteaudun	1
Musée d'Alise-Sainte-Reine	1
Musée d'Archéologie Nationale, Saint-Germain-en-Laye	19
Musée d'Archéologique, Nice	2
Musée d'Art ed d'Histoire, Genève	5
Musée d'Art ed d'Histoire, Metz	2
Musée d'Art et d'Histoire, Metz	4
Musée d'Art et d'Histoire, Moulins	1
Musée d'Assier, Feurs	1
Musée de l'Unterlinden	1
Musée de la Chartreuse, Douai	1
Musée de la Diana, Montbrison	4
Musée de la Princerie, Verdun	1
Musée de la Société Archéologique, Avesnes-sur-Helpe	3
Musée de Lyon	1
Musée Denon	1
Musée Déoartemental des Vosges	1
Musée Départemental des antiquites de la Seine-Maritime, Rouen	1

Collection	Pieces in Collection
Musée Départemental des Antiquités, Rouen	3
Musée Départemental des Vosges	9
Musée Départemental, Epinal	1
Musée des Beaux-Arts et d'Archéologie de Vienne	17
Musée Dobrée, Nantes	9
Musée du Berry	4
Musée du Breuil	1
Musée du Château, Montbéliard	3
Musée du Louvre	375
Musée du Pays de Sarrebourg	1
Musée du Périgord	4
Musée Évreux	1
Musée gallo-romain de Lyon-Fourvière	24
Musée Gaston Rapin	6
Musée historique, Mulhouse	1
Musée Hyères	4
Musée Ingres	1
Musée Ingres, Montauban	4
Musée Joseph Déchelette, Roanne	1
Musée Lautrec	1
Musée Lons-le-Saunier	1
Musée Mandeure	1
Musée Nissan-lez-Ensérune	1
Musée Quentovic	1
Musée Réattu	1
Musée Réattu, Arles	8
Musée René-Baubérot	1
Musée Rieckotter	3
Musée Rolin, Autun	17
Musée Royan	1
Musée Sainte-Croix	6
Musée St-Didier	3
Musée, Alise-Sainte-Reine	18
Musée, Champagnole	1
Musée, Chauvigny	1
Musée, Hérault	1
Musée, La Charité-sur-Loire	1
Musée, Mailhac	2
Musée, Mandeure	2
Musée, Melun	1
Musée, Nissan-lez-Ensérune	1
Musée, Nuits-Saint-Georges	1
Musée, Rabastens	1
Musée, Saint Bertrand	1
Musée, Société Archéologique	1

Collection	Pieces in Collection
Muséem Alise-Sainte-Reine	1
Musées Royaux d'Art ed d'Histoire	1
Musei Civici E Galleria Di Storia E Arte Antica, Udine	79
Museo Archaeologico Nazionale di Napoli (MANN)	532
Museo Archeologico Territoriale di Terzigno	1
Museo Civico Archeologico di Bologna	188
Museum of London (LAARC)	1
Museum August Kestner-Hannover	411
Museum Carnuntinum	312
Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	123
Museum Carnuntinum, Sammlung Graf Ludwigstorff	84
Museum für Kunst und Gewerbe Hamburg	66
Museum of Archaeology & Anthropology, Cambridge	5
Museum of Art and History, Geneva	2
Museum of Fine Arts, Boston	244
Museum of Gloucester	7
Museum of Gravesend Historical Society	2
Museum of London	44
Museum of Somerset, Taunton	4
Museumslandschaft Hessen Kassel	126
National Museum of Antiquities, Leiden	910
National Museum of Scotland, Edinburgh	46
National Museum of Wales	10
National Roman Legion Museum, Caerleon	92
Newark & Sherwood Museum Service	1
Newport Museum	8
Newcastle-under-Lyme Museum	1
North Lincolnshire Museum, Scunthorpe	3
Northampton Archaeology	1
Norwich Castle Museum	11
Oxford Archaeology/National Heritage	1
Oxfordshire County Museum	6
Painted House Museum, Dover	15
Palais des Archevêques de Narbonne	16
Palais du Roure, Avignon	1
Perth Museum	1
Peterborough City Museum	3
Pitti Palace, Uffizi Gallery	1
Private Collection	924
Reading Museum	18
Rheinischen Landesmuseums Bonn	18
Richborough Site Museum	6
Roman Alcester Museum	4
Roman Baths Museum, Bath	32
Römisch-Germanisches Museum	1

Collection	Pieces in Collection
Royal Albert Memorial Museum, Exeter	4
Royal Coin Cabinet, The Hague	1
Rutland County Museum	3
Saffron Walden Museum	1
Saint-Germain-en-Laye	2
Salford Museum & Art Gallery	1
Segedunum Roman Fort & Museum	4
Shrewsbury Museum & Art Gallery	10
Site et musée archéologique d'Ensérune	1
Société Archéologique, Béziers	1
Société Archéologique, Montpellier	2
Soprintendenza Archeologica di Pompei	22
Sothampton City Museum	1
South Shields Museum & Art Gallery	6
Staatliche Antikensammlungen, Munich	842
Staatliche Museen Preussicher Kulturbesitz	1
Staatliche Museen zu Berlin	126
State Hermitage Museum	158
Stoke-on-Trent Museum	1
Stroud Museum in the Park	1
The Collection Museum, Lincoln	5
The Higgins Museum, Bedford	4
The National Archaeological Museum of Aquileia	122
The National Archaeological Museum, Venice	18
The Novium Museum, Chichester	4
The Okney Museum, Kirkwall	1
The Pottery Museum, Stoke on Trent	2
The University of Pennsylvania Museum of Archaeology and Anthropology	5
Thorvaldsens Museum, Copenhagen	701
Towcester Museum & Visitor center	1
Tullie House Museum, Carlisle	15
Uffizi Gallery	1
University of Reading	8
Verulamium Museum	14
Victoria & Albert Museum	65
Vindolanda Site Museum	60
Wakefield Museum	5
Wall Site Museum	1
Walters Art Museum	13
Warrington Municipal Museum	1
Warwickshire County Museum	2
Wiltshire Heritage Museum, Devizes	3
Winchester City Museum	3
Worcester City Art Gallery & Museum	1
Wright Collection	28

Collection	Pieces in Collection
Wroxeter Site Museum	6
York Archaeological Trust	11
York Minister Collection	2
York St John University	3
Yorkshire Museum, York	21

The central dataset is a record of Roman jewellery with a gem component dated from 1st century BC to the 4th century AD, totalling 10,726 pieces. The pieces recorded were organized by type of jewellery, date, metal, and gem type, with the hoard pieces whose provenance was secure additionally recorded with longitude and latitude.[13]

The regional studies of Roman Gaul catalogued by Giraud in 1988 and 2008, and Britain by Marshman in 2016, offer geographically provenanced regional datasets, while the Coin Hoards of the Roman Empire project (CHRE), supported by the Oxford Roman Economy Project at the University of Oxford in collaboration with the Ashmolean Museum,[14] provide chronologically and geographically reliable datapoints for gems found in coin hoards across the Roman Empire, whose deposition is usually fairly closely dated by the date of the last coin in the hoard.

Additionally, the site-specific publications for the Snettisham Jeweller's Hoard by Johns (1997), the glyptic production site of Aquileia by Sena Chiesa (1966; 2009), the Roman settlements in and around Xanten by Platz-Horster (1987; 1994), the legionary fortress of Carnuntum by Dembski (2007), and the port-city of Caesarea Maritima by Amorai-Stark and Hershkovitz (2016), all offer datasets for gems and jewellery with a secure site provenance and time period. Snettisham has a definitive date of AD 155, while broad date ranges were set for Aquileia (2nd century BC–5th century AD), Xanten (1st century BC–5th century AD), Carnuntum (1st century BC–3rd century AD), and Caesarea Maritima (1st century BC–5th century AD). These collections have been included in the central dataset discussed in Chapter 3 and are analysed separately in Chapter 4 to provide a control on the bigger picture.

Chapters 3, 4, and 5 address to differing degrees the engraved gems and rings recorded in the central catalogue to ensure uniformity in the synthesis of information recorded in all datasets. The decision to concentrate the majority of the thesis on engraved gems and rings was made as the bulk of work on Roman gems has been focused on these two types of pieces. As most of the published catalogues have addressed Roman engraved gems and finger rings, as opposed to including other types of jewellery,

[13] When a piece from the empire-wide dataset is referenced in the text, it will include the dataset number e.g., DS.123.

[14] https://oxrep.classics.ox.ac.uk/coin_hoards_of_the_roman_empire_project/#:~:text=The%20Coin%20Hoards%20of%20the,30%20BC%20and%20AD%20400.

narrowing the focus for Chapters 3, 4 and 5 to engraved gems and fingers rings provides parity amongst comparable datasets.

Chapter 6, which looks at the painted and sculpted representations of jewellery in Pompeii, Palmyra, and the Fayum, presents the most appropriate place to study the remaining jewellery types that were not addressed in the earlier chapters.

Recording Methods

The central dataset was built in Excel, with separate tabs comprising the collections that make up the material relevant to Chapters 3, 4, 5, and 6. This was done to filter the information according to different queries necessitated by the questions advanced in the thesis, as well as ensuring that all of the material included in the dataset was catalogued identically.

Type

The primary typology to be catalogued is the gem types: agate, amethyst, aquamarine, carnelian (sard), chrysoprase, emerald, diamond, garnet, jasper (colour variants as well as the heliotrope sub-type), lapis lazuli, onyx (nicolo sub-type), peridot, sardonyx, sapphire, and the general 'chalcedony', which is employed when a particular type of chalcedony has not been identified. Pearl, although not a stone, has been included in the catalogue as it is often paired with gems in antiquity, and represents an often-visualized component of the painted depictions of Roman jewellery. When possible, the gem type has been verified through study in person or examination of a colour image. Of particular importance to any geographic and chronological study of Roman gems is the material catalogued from hoards and regions. The 293 pieces pertaining to 53 separate hoards catalogued by the CHRE project and related publications,[15] as well as the 228 pieces from the Hendler Collection provenanced to Caesarea Maritima, and the 1,134 pieces from Carnuntum were all verified in this way. The majority of the catalogues and books referencing ancient gem and jewellery collections have been printed in black and white, limiting one's ability to verify the type of gem at least visually according to its colour. As iconography has been the guiding scholarly pursuit when it comes to studies of ancient gems, black and white imagery presents any engraved image at the highest contrast and detail. Recent work to digitally catalogue museum collections has facilitated the ability to verify

[15] Johns and Potter 1983; Johns 1997.

a good number of pieces as these digital entries have included high resolution colour images, but when unavailable the conclusions regarding gem-type of the original cataloguer have been used.

The second datapoint identified is jewellery type, and is catalogued accordingly: bead, bracelet, brooch, buckle, chain, necklace, brooch, earrings,[16] rings, diadems, and engraved and blank gems. The majority of the material is represented by the engraved and blank gem type, discussed at length in Chapters 3, 4, and 5, with the remaining jewellery types discussed in the final chapter of the thesis, Chapter 6, which studies painted and sculpted representations of Roman jewellery from Pompeii, Palmyra and the Fayum. If the ring had a blank stone, it was so indicated in the notes column of the catalogue, and if a loose blank gem was catalogued, it was annotated as a blank gem in the type column. If a pair of earrings were found and each earring had a material that needed to be catalogued, each individual earring was given its own entry to ensure that the central catalogue was equitably representing each instance of a particular type of gem or pearl.

The original cataloguers' type identification is more often than not correct, though as jewellery is composed of costly materials, representing a financial investment by the owner, it would not have been uncommon for a piece of jewellery to be recycled and repurposed, in some cases changing its typology. An example of this can be observed in the late-Antique gold jewellery discovered near Thetford, Norfolk, in 1979, later known as the Thetford Treasure, now in the British Museum.[17] A rectangular-shaped carnelian engraved with Venus and Cupid is thought to have been cut down from an originally elongated oval form; this in part because the edges of the engraving closely come close to rectangular edge (Fig. 1, DS. 5,928). Its original context is unknown, but it was probably meant to be re-set in a ring or a pendant, possibly the latter due to its size: 22mm x 17 mm.

A heavily damaged onyx (nicolo) pendant from the same site appears to have been reused several times, with its current mount being perhaps its third iteration, as the tail and leg of the engraved lion were cut away, an unnecessary modification when considering the current gold setting (Fig. 2, DS. 9,599).

Colour

Aside from the type of stone or pearl, the other elements noted are the different varieties of stone relating primarily to carnelian, jasper, and onyx. The jasper and onyx varieties relate to clear variances in colour and carving, while the carnelian and its association with sard represents a nuanced colour variant, as well as an

[16] Where a pair of earrings was found, each earring was catalogued individually with its corresponding catalogue and dataset number. Both fibula and brooch are used by cataloguers to classify pins.

[17] Johns and Potter 1983.

example of the challenges faced with a history of visually classified stones. Carnelian is the most common type of gemstone in antiquity, and for that reason, many times a reddish-brown chalcedony will be catalogued as carnelian, which is a safe assumption to make considering its prevalence. The variant types of jasper are related to colour, with the most common types being red, green, and yellow jasper. Green jasper mottled with red has been called heliotrope or bloodstone, and Heliotrope is often identified as a gem type in publications and databases. In the central catalogue it has been identified as Jasper (Heliotrope) to maintain consistency with the other gem variants and discussed as a sub-type of jasper throughout the thesis. Nicolo, a black chalcedony with blue/white layers, is often identified as its own type of stone, though in fact it is a type of onyx: a black-coloured chalcedony, whose layers have been exposed through the carving process. For this reason, it is referenced in the central catalogue as Onyx (Nicolo) and discussed as a sub-type of onyx throughout the thesis. Colour would have been an important component of gem selection, and to that end, the striated types of chalcedonies would have been secured for cameo engravings.

Material

As the focus of the thesis is to ascertain trends in gem usage across regions, chronologies, and types, the material included in the central dataset had to have a gem and/or pearl component. In the instances where a gem could not be identified—whether the author noted a (?) next to the gem type, or left it blank with a description of a possible colour or quality—those pieces were not added to the central dataset. The decision not to include these pieces was made on two grounds, the first being that if images were included in the catalogue they were often in black and white, and therefore a visual study of the stone would be impossible. The second reason was that many of the gem types included in this thesis share similar colours, so a catalogue entry that identifies a red-purple stone could be a garnet or an amethyst, and to attempt to interpret that entry would add to an already fraught and subjective typology. Pieces that were originally catalogued as glass or paste, both used often in antiquity to imitate gems, were not included, which did account for a great many pieces being excluded from the central dataset, as past studies on Roman gems, addressed earlier, have all included glass in their datasets. Metal jewellery without a gem/pearl component—be that gold, silver, bronze, or iron that was plain metal, or decorated with glass or paste—was not included.

Object Date

The thesis aims to address Roman gems and jewellery from the 1st century BC to 4th century AD in order to assess gem usage during the height of the Roman Empire. That said, chronology is rarely secure and the dating for the majority of the material studied in this project was established stylistically when no other

evidence, archaeological or otherwise, was available. The date of engraved gems can be ascertained through a combination of the form, style, and engraving, while jewellery can be identified through a stylistic study of the gold work. There are some gem types, such as sapphire or diamond, whose appearance could assist in dating a piece,[18] though many of the gems in use during the Roman period were in use during the Hellenistic period as well, which makes difficult to date a piece based solely on the type of stone.

In some cases, pieces could be dated to a particular range when the find site was known to be active. An example of this would be the eruption of Mt. Vesuvius in AD 79, which provides us with a *terminus ante quem* for the jewellery found in Pompeii and its environs. In the same manner, coinage found in association with a gem could be used to provide a *terminus ante quem* for a particular piece as numismatic portraiture often provides a solid chronology. All that aside, most cataloguers err on the side of inclusivity, and document a broad date range that often encompasses 600 years. Third century BC to 3rd century AD is a commonly used time range as many gems cannot be securely dated to either the Hellenistic or the Roman period. Because some catalogued gems will be dated to chronological ranges that fall outside the limits of this thesis (pre-1st century BC and post-4th century AD), the decision was made to include these pieces if any part of their date range fell within the 1st century BC to 4th century AD range.

For this reason, chronology will represent a loose framework for the thesis, used to formulate a series of broad conclusions based upon the probabilistic distribution of gems across the date ranges in question. The expectation is that due to the size of the data set, any mistake that was made when a particular piece was originally catalogued, would be rendered largely insignificant through the use of the probabilistic distribution methodology. To answer questions regarding what proportion of 1st century BC to 4th century AD Roman gems were of a particular type or colour would require extrapolating data from a comprehensive total. This is an impossibility as we will never have full figures, and therefore cannot set forth datapoints representing absolute quantities of particular gem types used over a period of time. What can be ascertained with the data at hand is a comparable proportion between different data sets and assemblages. The central catalogue presents a unique opportunity to discuss gem usage proportionally by century by identifying the date as a probability per century. A piece dated to a single century was given a date score of one, with the one representing the probability that the piece existed within that century. For any other piece that spanned two or more centuries, the date score was divided equally across the number of dated centuries. An example of this would be an engraved gem that was dated to the 1st century BC–3rd century AD, encompassing four centuries of time, which means that each century is 0.25 of the whole. If a piece is dated to years outside the range of the thesis, the probability remains in effect; an engraved gem dated 3rd century BC-1st century AD represents four centuries of time and therefore each century is 0.25 of the whole, but for the purposes of the thesis only the percentages relating to the 1st century BC-1st century AD are collated and presented

[18] Sapphires are very rare prior to the 1st century BC/early 1st century AD with an increase in examples from the 2nd century AD onward. Diamonds are rarer than sapphires and due to their hardness are set in rings from the 2nd-4th century AD.

in the thesis. Aggregate scores for different stones can then be cumulated to give approximate relative proportions (for scarceness or otherwise) of different gemstones by century.

The majority of the pieces have been catalogued by century in the original catalogues and publications. Using the 2nd century AD as an example, the following types of ranges were classified accordingly:

2nd century AD is AD 101-200

mid 2nd century is AD 126-175

late 2nd century is AD 176-200

first quarter of the 2nd century AD is 101-125

second quarter of the 2nd century AD is 126-150

third quarter of the 2nd century AD is 151-175

fourth quarter of the 2nd century AD is 176-200

first half of the second century is AD 101-150

second half of the 2nd century is AD 150-200

Any piece that was originally catalogued with a particular date range AD 150-160 was annotated as such in the central catalogue.

This is all to say that chronology will be used in a broad sense when discussing the majority of the pieces catalogued in the central dataset but will become an important factor of consideration when discussing material found in the coin hoards and in sites whose years of activity are well documented.

Chapter 2 of the thesis, which addresses gem types, sourcing, and trade, will offer an archaeological and textual framework of where and when particular gems were sourced. The information regarding periods of gem sourcing will then be loosely applied to the material catalogued in the central catalogue, and its variant sub-catalogues to ascertain if any trends can be identified between material availability and usage.

Provenance

When provided, the provenance for the piece was included in the central dataset. In some instances, the provenance was general, referring to a country or region, but in others a specific site was provided. The central database filtered the provenance according to country and site. If the original cataloguer included a (?) in the provenance country or site, it was also included in the central database. It is not uncommon for cataloguers to provenance a piece based on stylistic qualities. This is a common enough occurrence in ancient art, but an especially prevalent one when it comes to engraved gems and jewellery. Unfortunately, it is difficult to ascertain if the provenance and date are based on actual archaeological evidence or are merely an interpretation of stylistic and iconographic features. In some cases, the cataloguer has included a note of a (?) when identifying the provenance and/or date, noting that it has been ascertained through these methods, but in many cases the (?) is not included, and anyone viewing the catalogue entry would not think to question the stated provenance.

More than half of the pieces in the central database have a known provenance country with the vast majority of these having an accompanying provenance site.[19] The majority of the unprovenanced pieces come from the British Museum, the Metropolitan Museum of Art in New York, the Museum of Fine Arts in Boston, and various museums in Germany. This is not to say that the collections in these museums are vastly unprovenanced, just that there is an inherent bias as their collections are large and well documented.

Motifs

The majority of scholarship on engraved gems and jewellery has been solidly in the field of iconography, with the occasional publication addressing materiality, methodology, and the craftsmen.[20] Most recently the area of gem sourcing and jewellery has been discussed within the greater context of Roman trade,[21] these publications have been primarily focused on a specific type of stone and its relationship to the empire's trading network. Research addressing a wider variety of gem types and their trading profile in antiquity has been introductory, identifying a dearth in the scholarship and an area for increased research.[22]

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[19] Fewer than 300 pieces have a known country but no known provenance site.

[20] Boardman 1980; Ogden 1982; Pfrommer 1987 1990; Ogden and Williams 1994; Pfrommer 1996; Kleinbrinck 1997; Plantzos 1997b; Treister and Hargrave 2001; Jackson 2006.

[21] Shaw, Bunbury, and Jameson 1999, 203-215; Giuliani et al. 2000, 631-635; Shaw 2000b, 219-227; Sidebotham et al. 2001, 135-170; Parker 2002, 40-95; Wendrich et al. 2003 46-87; Tomber 2008; Wilson 2012; 409-449; Schörle 2015, 43-54; Wilson 2017, 599-624.

[22] McLaughlin 2010; Seland 2014, 367-402; Matthew 2015; Thoresen 2017, 155-218; Seland 2017, 45-58; De Romanis 2020, 251-267.

Print and Digital Sources

At the outset of this project a desktop study was conducted to begin building the central catalogue. As the impetus of the central catalogue was the compiling of a large-enough dataset that broad patterns of Roman gem usage could be ascertained, it was important to begin with the cataloguing of the largest and most recently updated museum collections in United States, Egypt, Israel, and Europe, in particular the collections in Britain, France, Germany, Italy, Denmark, the Netherlands, and Austria. Digital and print museum catalogues were included as well as digital and print publications, and databases specifically addressing particular archaeological sites and hoards. As time was needed to synthesize the data catalogued, print material was catalogued through the end of 2019, The Coin Hoards of the Roman Empire database was catalogued through June of 2020, and the cataloguing of digital museum collections ended in May of 2021. While there is, of course, the concern that some pieces were missed, the reality with a dataset as large as this one, is that even a late discovery of a rarer stone would not alter the probabilistic distribution enough to change the results.

Published research on Roman engraved gems has been plentiful and frequent, with publications cataloguing the material housed in private, regional, and national museums, as well as estate and familial collections across Europe and the United States, and most recently Israel.

Published catalogues like Furtwängler's three volume *Die antiken Gemmen*,[23] Fossing's catalogue of the gems in the Thorvaldsen Museum in Copenhagen,[24] Walters' work on the gems at the British Museum,[25] Beazley and Boardman's work on the Lewes House collection,[26] Richter's publications on Greek and Roman gems,[27] Vollenweider's work on Augustan gems,[28] as well as her two volumes with Avisseau cataloguing portraits and gems in the national French collection,[29] the German project *Antike Gemmen in Deutschen Sammlungen*,[30] Zwierlein-Diehl's similar project regarding the Vienna gem collections and her later survey,[31] Zazoff's handbook on engraved gems,[32] as well as the aforementioned work done by Henig, all represent some, though not all, of the important publications that have built the framework of gem research.

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[23] Furtwängler 1900, volumes I, II and III.

[24] Fossing 1929.

[25] Walters and Smith 1926.

[26] Warren and Beazley 1920; Beazley and Boardman 2002.

[27] Richter 1920, 1968a, 1968b.

[28] Vollenweider 1967.

[29] Vollenweider and Avisseau 1995, 2003a.

[30] Brandt et al. 1968-1972.

[31] Zwierlein-Dhiel 1973-1990, 2007.

[32] Zazoff 1983.

These, along with many others, offer their own classification and structure by which the large collections of gems and their relevant details should be studied.

The regional and site work done by Sena Chiesa, Platz-Horster, Dembski, Guiraud, Marshman, and Amorai-Stark and Hershkovitz,[33] is mostly iconographically focused, with some work done to address the quantitative trends of gem type within their region/site. Marshman's primary point of comparison is Guiraud's regional studies of Roman Gaul,[34] which present a complementary dataset of a neighboring Roman province, but the comparison is richly iconographic with little said on materials or chronology of gem type. Marshman also compares his findings from Roman Britain to what Dembski catalogued from the site of Carnuntum,[35] but again, the focus is iconographic and not material. What is important here is that their datasets are primed for comparison, and once the glass and questionably identified material is removed, the material catalogued by these authors represents a trove of useful information regarding gem usage in the Roman world.

Lastly, the digital collections of many of the museums included in this thesis represent the most recent view of a collection, and as such were referenced heavily when building the central database. With many of the museum catalogues published decades ago, the online databases represented a modernized tool not only to sort a collection chronologically, but in some cases, where the digital collection was built with filters, one could view all of the pieces catalogued to date of a particular gem type, or provenanced to a particular region. Depending on the museum, the digital entry would often include a colour photograph of the piece accompanying all other relevant information found in a catalogue entry. The inclusion of a colour photograph allowed for the opportunity to conduct a visual study of the piece, and to some degree, visually verify the gem type.

Conclusion

The methodologies described above do much to ensure that the conclusions made in studying the material catalogued in the central dataset are foundationally sound, mitigating where possible the biases identified in the data; and that the subsequent datasets addressing regional and site collections, as well as the material catalogued in the hoards, offer a clearer and more comprehensive view of gem usage in the Roman period. Understanding the biases and challenges inherent in the study of ancient gems and jewellery means that the

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[33] Sena Chiesa 1966; Platz-Horster 1987; Dembski 2005; Guiraud 1988, 2008; Marshman 2016; Amorai-Stark and Hershkovitz 2016.

[34] Guiraud 1988, 2008.

[35] Dembski, 2005; Marshman 2016, 138-147.

research aims, and objectives of this thesis can be met; and that discussion—about gemstones, chronology, provenance, etc.—bears weight proportional to the reliability of the data on which it is founded.

Chapter 2: Gemstones and Pearls – Ancient Authors, Sources and Trade Routes

A combined study of archaeological and textual evidence for the gem trade dated from the 1st century BC to the 4th century AD raises new questions regarding the relationship between gemstone varieties, their sources, trade, and usage. An initial assessment of the gems, their source regions, and trade destinations provides a view of the trade routes and their possible influence on regional usage. The expansion of the range of gemstones used in the ancient Mediterranean from the 1st century BC onward illustrates the need for a secondary discussion regarding the opening of new overland and sea trade routes during this period. Understanding the type and origin of the stones will elucidate matters concerning cost and availability, both geographic and commercial, relating in a wider manner to the archaeological record, and can be used to quantify gem usage in the Roman world.

The study of ancient gemstones is often complicated by discrepancies between ancient and modern nomenclature. The semantic range for the ancient names of gemstones is not entirely consistent with the modern terminology of stones, making it challenging to align ancient sources with modern scholarship. To ensure clarity, this study will employ the modern terminology for the materials.

The biases described earlier when discussing the methodology and precedence for this type of study are apparent in the initial classification stage of cataloguing, as gem identification is greatly dependent on the individual identifying the stone as well as its type and quality. Gemstone types exhibit such a wide variety of colours and structures that it is often difficult to identify with certainty the type of stone, even with the assistance of modern technology. The difficulties associated with gem identification complicate discussions relating to sourcing and trade, as well as broader explorations relating to valuation and usage.

The correct identification of gem type is again important when responding to questions regarding particular gemstone types being favoured in specific regions or chronological periods. Dependence upon the gem taxonomy found in ancient sources is unwise, and one need only look at Pliny to see a host of mineralogical identification challenges.[36] In short, the two problems facing any study on ancient gemstones are the naming in terms of modern terminology of the materials described by ancient authors, and the interpretation of naming conventions by past and present scholars. In order to address ancient gem usage while using modern catalogues, the ancient names are noted but not employed, factoring only into the discussions regarding source sites and trade routes. To this end, the first part of this chapter is a critical study of the ancient writings on gems, which provides an overall guide to what primary sources are used by modern scholars. This is followed by an examination of the particular gem types, their characteristics, and source regions in part two. Part two also presents a table outlining the modern and ancient names, primary source references, gem colour, and find spot, which provides a useful guide to ensure clarity between ancient and modern nomenclature (Table 2.1). The third and final part of this study addresses general trading patterns by both land and sea so as to contextualize, as best we can, the particulars of Roman gem availability during the Imperial Period.

Part I: Ancient Sources

The modern mineral system organises gems with quantifiable characteristics including chemical composition, crystalline structure, and optical properties, while ancient classifications of gemstones were descriptive, based on observable features, and did not, in most cases, follow a particular normative structure. The ancient authors focused on elements that would concern the ancient reader; aspects of colour variation, patterning, transparency, lustre, and hardness, characteristics that spoke to how a gem could be cut, worn and paired. This more sensory approach to classification meant that there are cases of a single term being applied to several different stones,[37] and several names being applied to the same stone.[38]

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[36] *NH* XXXVII. 55: Pliny possibly misunderstood his source regarding Indian diamonds and their shape. 59-61: Pliny identified goat's blood as having the power to break diamonds when steeped in fresh warm blood, and that diamonds have a strong aversion to magnets and can block the magnetic pull on iron. 77-79: Pliny introduces doubt that '*smaragdi*' were found near the Black Sea, but there is no doubt that emeralds were sourced in the Urals. 95: Pliny identifies Troezen and Corinth as sources for garnet, but there is no evidence for this, and it is thought that the stones may have been variegated marble. 119: Pliny states that lapis lazuli was 'useless' for engraving but as the empire-wide dataset identified, when in use, lapis lazuli was most frequently used in engraved gems as opposed to other jewellery types.

[37] *NH* XXXVII. 62-75; Meadows 1945, 50-51; Thoresen 2017, 182.

[38] *NH* XXXVII. 107-109, 126. Pliny identified *chrysolithon* and *topazos* as two different stones when in fact they are the same stone: peridot.

Theophrastus' *Peri lithon* (*De Lapidibus* / On Stones, 314/315 BC) and Pliny the Elder's *Naturalis Historia* (Natural History, AD 77) became foundational texts, both for ancient authors as well as for the 19th-century scholars studying gems as a science. The discovery of new mineral sources, philological issues, and the absence of more recent translations and re-examination of both Theophrastus and Pliny's material on gems (the last being done by Eichholz in 1965 and 1962 respectively) render them outdated, though useful as historiographic references. Recent English translations and commentary of other important ancient literary sources including Gutzwiller's 2005 translation and commentary on Posidippus of Pella's *Lithika*, Roller's 2003 study of Juba II, and the subsequent 2014 translation of Strabo's *Geography*, as well as Casson's 1989 seminal study on the *Periplus Maris Erythraei*, offer much needed context and comparison to the modern study of ancient gemstones, sources, and trade routes.

Theophrastus' Peri lithon (De Lapidibus / On Stones, 314/315 BC)

Theophrastus' *De Lapidibus* was developed from, though not dependent upon, Aristotle's *Meteorologica*. Theophrastus' systematic analysis of 40 gemstones and their sources was written in 315–314 BC,[39] a time when the study of precious and semi-precious gems was focused on their magical properties. *De Lapidibus* is the earliest surviving scientific treatise in Classical literature, and a significant and sophisticated text in the study regarding the formation of mineral substances.[40] Theophrastus' work was valued in antiquity for how it presented the stones and pearls in a scientific manner, describing their characteristics, both physical and crystalline, as well as their hardness, colour, pattern, porosity, polish, and geographic origin. His observations on colour and hardness could be linked to quality and use: softer/darker stones would be better suited for smaller settings, while harder/more translucent stones would make more desirable engraved gems. Theophrastus' notation on geographic origin would be useful to later studies on ancient trade routes and source regions. Knowing the geographic origin of a particular stone or type of pearl can help in understanding by what trade route they would have travelled, to what ports they could have been sent, how much they were valued and sold for, and perhaps how society appreciated the mineral wealth coming from the East.[41]

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[39] Theophrastus, *De Lapidibus*, 8-12. Eichholz defends the 315-314 BC date of composition, though W. Jaeger in Diokles von Karystos (1938) linked *De Lapidibus* with Diocles' death and suggested that it was written after 300 BC. Jaegar, in his later publication '*Vergessene Fragmente des Peripatetikers Diokles von Karystos,' Abh. Der Preussichen Akademie der Wissenschaften,* (1938) no. 3, 17, abandoned his earlier views on a later date and revises his argument by stating only that Diocles was no longer living in Athens when Theophrastus wrote *De Lapidibus*.

[40] Thoresen 2017, 160.

[41] Knowledge of the source of a particular gemstone or pearl type could help determine the availability of the material, as mines and diving sites (pearls) may have had different yield rates.

Posidippus of Pella

The 20-poem collection termed *lithika* by Posidippus of Pella, dated to the third century BC, survived due to its use as a second-century BC mummy cartonnage by an Egyptian embalmer working in the Fayum region.[42] Each poem is dedicated to a different stone, and recent scholarship has explored the collection's materiality and structure, with relation to its proposed author and the Hellenistic readership,[43] in addition to discussions regarding its cultural significance with respect to ancient aesthetics.[44] The Ptolemaic-period *lithika* presents a precursor to the Roman-period elegies in its triangulation of stone, wearer, and patron,[45] connecting the gems to the parts of the body they adorn and the individuals that gifted them, linking them in a manner that poetically sexualizes and dazzles in the same breath.[46] There is also a dedication to the aspect of materiality, with great care taken to describe the gems, as well as a commitment to gemmological accuracy.[47]

Juba II, Strabo and Vibius Sequester

Ancient geographic studies were both historical and ethnographic, offering a privileged look at the known world and the transmission of its visual and material culture. While focused on geography and rich ethnographic details of their travels, the now-lost work of Juba II (48 BC–AD 23/24) and the surviving work of his contemporary Strabo (63 BC–AD 23) represented foundational sources for other ancient authors writing on gemstones.

Juba II was King of Mauretania, and an avid explorer and geographer. His studies, which were considered authoritative, represented his personal geographic explorations from north-western Africa to Arabia, noting the natural history and geography of the regions.[48] Although the original versions of his books *Libika* and *Arabia* are thought to have been lost as early as AD 200, their contents lived on in the works of subsequent scholars who heavily cited and referenced Juba's writing as it offered a first-hand account for their own work,[49] providing important clarifications to their narratives. In a similar manner, Juba saw his own work as a development upon past cartographic efforts, most notably expanding upon

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[42] Gutzwiller 2005.

[43] Kutter 2008, 141-163.

[44] Porter 2010, 483-497; Elsner 2014, 152-172.

[45] Ovid, *Amores* 2.15

[46] Gutzwiller 2007, Poems 4, 6, 7, 8, 9, 10, 11, 13 and 14; Eisner 2008, 164; Kuttner 2005, 152f; Thoresen 2017, 160-163.

[47] *P. Milan* I.20-23. Gutzwiller 2005, poem 5 describes the star-like quality of lapis lazuli with its vibrant blue being speckled with gold.

[48] Roller, 2003.

[49] Plutarch, *Lives* 23 (311c); *NH* III, IV, V, VI and VII; Athenaeus, *Deipnosophistae* 3.83b; Roller 2003, 183-211 and 227-243; Wilkins 2008, 136.

Strabo's vague accounts of the African coast.[50] Strabo's *Geography* focused on geographic landmarks, ethnonyms, toponyms, and ethnographic studies that served as a rich cross-referencing tool for the readers of Pliny's Natural History. Pliny followed Strabo's methodology to make an association between a geographic setting and the gemstones for which it was known, offering his own additions to Strabo's observations.[51] Vibius Sequester's *De fluminibus, fontibus, lacubus, nemoribus, paludibus, montibus, gentibus; quorum apud poetas mentio fit*, presents a short alphabetic list of geographical names collected from Virgil's *Eclogues*, *Georgics*, and *Aeneid*, book 14 of Silinius Italicus' *Punica*, Lucan, and Ovid's *Metamorphosis*. In contrast to the geographic studies by Juba II and Strabo, the purpose of *De fluminibus* was less expansive, focusing instead on toponyms and ethnonyms, though relevant as a comparative source to address geographic markers and gem source sites mentioned by other authors.[52]

Periplus Maris Erythraei

The *Periplus Maris Erythraei* is an invaluable first-hand source regarding ancient commerce. A handbook for merchants trading between Roman Egypt and eastern Africa, southern Arabia, and India, its value lies in its discussion of trade routes pertaining to the Indo-Mediterranean region, as well as providing lists of goods shipped in each port, documenting what is thought to have been the period of peak Red Sea trade.[53] Written during the mid-1st century AD,[54] the *Periplus*, divided into 66 sections, drew on the experiences of a merchant who lived in Alexandria, and travelled the waters and ports from the Red Sea to India and Sri Lanka.[55]

The *Periplus* was written as a practical guide for other merchants of the ports and people in the area, as well as a guide to products and where to obtain and sell them. Modern assessment of the *Periplus* suggests that the work, written probably by a Greek-speaking merchant residing in Egypt,[56] was a relatively accurate account of the trading routes and ports, as many of the sites mentioned have been located, such as Myos Hormos[57] and Adulis.[58] In addition to being a guide for maritime merchants, the *Periplus* contained a great deal of information concerning the goods sold to different rulers and their courts as well as what

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[50] Strabo, *Geography* 17.3. 5-6.

[51] Strabo, *Geography* 17.3.11, 19; *NH* XXXVII. 92-93. An example of this is the sources for a gem now understood to be garnet. Strabo identifies in a finely detailed manner the region in Africa where lychnites (luminous) and Karchedonian (Carthaginian) stones were obtained. Pliny makes the same connection between Carchedonian stone and lychnis as well as connecting more varieties to the gemstone type including Garamantian *carbunculi.*

[52] Strabo, *Geography* 17.3.11, 17.3.19; Vibius Sequester, *De fluminibus* 603.9 Both Strabo and Vibius Sequester discuss carnelian but with divergent ideas on source site.

[53] Casson 1989, x.

[54] Ibid., 7, narrows the time frame for when the Periplus was written to ad 40–70; Cf. Tomber 2008, 21.

[55] Casson 1989, 7–8; Young 2001, 5.

[56] Casson 1989, 7–8.

[57] Peacock 1993.

[58] Young 2001, 5-7; Peacock and Blue 2006-2011.

each port and city provided. It suggests that the first major line of trade originating from Egypt's Red Sea ports followed the coast of Africa, while the second major route went eastward to India. Although these two may have been the principal routes, other shipping paths are mentioned and discussed in the text.[59] The work suggests that the widest variety of goods was furnished by India, in particular a healthy trade in gems: turquoise, lapis lazuli, onyx, diamonds, sapphires, transparent gems, and pearls.[60] From the itemized lists of what goods were available in the various regions, we know that northwest India, primarily the cities of Barbarikon and Barygaza, were sources of lapis lazuli, onyx, and agate.[61] The cities of Muziris, Melkynda, and Argaru in the southwest and southern regions of India were sources of pearls and transparent gems,[62] as was the northeast region of India, principally the cities of Masalia and Dêsarênê.[63] Casson notes that although Greek vessels sailed as far as the mouth of the Ganges,[64] the *Periplus* does not give the impression that ships travelled to the ports in the Bay of Bengal. The goods from northeastern India would instead have been transported to the southwest and southern cities of Muziris and Nelkynda for export westward.[65] Although the author provided general geographic markers for routes and locations, he did not make the relationship between the trading centres and the areas of production explicit, nor did he provide a detailed list of the items traded. Customs dues were heavy—a 25% state tax was levied on imports to and exports from the Roman Empire.[66]

Particularly significant are the references in the *Periplus* to transparent gems[67] as part of the shipments from various ports, including Muziris in the Kêprobotos kingdom, and Nelkynda in the kingdom of Pandiôn, both in India. The text is unclear about precisely what was meant when stones were described as transparent, and how these differed from other stones. For the purpose of this study, transparent gemstones are considered to be stones with a significant form of translucency and will be considered alongside other stones that are mentioned in the text, which were known to have a decorative, rather than architectural, use. While these transparent gems are not identified by type, transparency was often conflated with translucency, especially when discussing stones, and the *Periplus* may have been referring to shipments of sapphires, diamonds, amethysts, emeralds, peridot and, to a lesser extent, garnets and carnelian. The text

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[59] *Periplus*, 39:13. 5-6, 48:16. 15, 56:18. 16-29.

[60] *Periplus*, 56:18. 26

[61] *Periplus*, 48:16. 15.

[62] *Periplus*, 56:18. 26.

[63] *Periplus*, 62:20. 21-22 and 63:21. 4-6.

[64] Strabo, *Geography*, 15. 61; Casson 1989, 8. Strabo wrote that Alexander sailed as far as the Ganges, which may be why that was the end of the shipping route for the Greek vessels.

[65] Casson 1989, 16.

[66] Sidebotham 1986, 177.

[67] *Periplus*, 61: 20. 19-20. The mention of transparent gems is significant as it relates to stone types that allow light to pass through, which in the most literal sense relates to garnets, amethysts, emeralds, sapphires, aquamarine, diamonds, and peridot. In terms of commonness, transparent stones were less common than the varieties of chalcedony, so the mention of these in the *Periplus* speaks to a rarer set of stones.

explains how ships from these ports carried stones, along with pepper and malabathron (a spice used to flavour wine), all of which were goods with a high value-to-volume ratio.[68]

The observations in the *Periplus* concerning the precious gem trade suggest that while many of the gemstones mentioned were imported across the Indian Ocean, parts of Africa were important for gem production, in particular the Umba area of Tanzania, and the Pare Mountains next to the Kenyan border.[69]

Pliny the Elder's Naturalis Historia (Natural History, AD 77)

Pliny's *Naturalis Historia* combined first- and second-hand knowledge of the trade and commerce with the East during the 1st century AD.[70] He identified the lands and territories involved in Indian Ocean commerce,[71] and the natural products found in each region.[72] Book 37 of his *Naturalis Historia* has provided ancient and modern scholars with a unique insight into nearly 300 types of gemstones, speaking to their availability and use in antiquity, including what colours were preferred, how the gems were worn, and where these gems were thought to have come from. Pliny's work is the first known reference to gems being ranked and discussed according to their hardness, stating which varieties would be better suited for engraving, and which were best kept in their natural crystal state.[73]

Although Pliny is an important source on gems, modern scholars have begun to question the validity and accuracy of some of his statements, as it is thought that much of what he wrote was second-hand information.[74] An example of this is Pliny's application of the term *smaragdus* to a group of green stones, identifying twelve varietal types, which have now been reclassified as pertaining to different mineral species. The first variety Pliny mentions is probably the only one we would classify now as 'emerald'. The remaining varieties were grouped according to both quality and source location; identifying one of inferior quality found in copper-mines (malachite), a 'mottled' example (green jasper), and another type of green with copper veins with an obelisk shape, which was probably made of green basalt or green schist.[75]

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[68] Ibid.

[69] Oliver and Fage 1988, 362.

[70] De Romanis and Tchernia 1997.

[71] *NH* VI. 101–106.

[72] *NH* VI. 101–106.

[73] *NH* XXXVII. 120.

[74] Berno 2010; Thoresen 2017, 165.

[75] *NH* XXXVII. 62-75

Part II: Gems and Sources

There are four main forms of identifying gem type and origin: visual, stylistic, chemical, and inclusion comparison. A visual analysis of colour, translucency, and overall aspect, requires some level of experience and familiarity with gems and their types in order to make an identification. A stylistic analysis looks at where the stones were worked and set, focusing on a gem's sale site rather than its geological origin. A chemical analysis, which looks at the stones' chemical markers, is traditionally avoided as it damages the integrity of the gem in the process of identifying distinct chemical markers. The fourth option, which is traditionally used by gemmologists, is to conduct a visual analysis of the stones' inclusions and compare them to samples from various sites, but this technique is subjective and often inconsistent. For the purposes of a study addressing gem usage, in particular one that relies upon museum collections and hoards as the basis for much of its data, there is a degree of inaccuracy with regard to gem identification that must be contended with. To this end, the particulars regarding chemical and mineralogical composition will not be addressed, as the majority of the material studied will have been evaluated and catalogued through a visual analysis. The gemstones and pearls will be studied with respect to their known source sites, ancient literary sources, and archaeological remains, as well as documented trade routes, in order to build a more complete picture of gem sourcing, trade, and usage in the Roman Empire.

The organising principle of the following study is structured in order of commonness with respect to the occurrence of gemstone types catalogued in the central database. This catalogue of gems and jewellery represents a comprehensive but not exhaustive look at the material dated from the 1st century BC-4th century AD. Because of the aforementioned issues of nomenclature facing any study on ancient gemstones, the modern terminology will be employed when at all possible, and the ancient names will be used only when discussing primary literary texts regarding trading routes and mineralogical source sites. Table 2.1 presents the gems catalogued in the accompanying appendices identified by their ancient name, the primary source reference, source site, and colour. Identifying the mineralogical source site for gems can be challenging when the ancient sources do not match what is documented in the modern mineralogical research. This is due in part to the issues of nomenclature discussed earlier, as well as problematic chronology of mining activity in particular regions. For this reason, the sources listed are ones corroborated by modern scholarship.

For the purposes of a study addressing gem usage, the broad label of 'quartz,' which has been used by many museums to define a hard, crystalline mineral, represents an area of inexactitude, and renders those particular pieces unviable for quantifiable study addressing gem-type usage.[76] Chalcedony, a type of quartz

[76] For more on the particulars of quartz with respect to its recognition and nomenclature, see Sax 1996, 63-72 and Sax and Middleton 2007, 11-20. For a gemmological study of the stones in use in antiquity, see Thorsen 2015, 155-217.

broadly referenced by many of the catalogues and databases as a categorizing marker, will be studied with regard to its different varieties. Pearls have been organized along with the other gemstones in order of commonness, as they will be studied, catalogued, and organized alongside the gemstones in the comparative tables used to address usage.

Table 2.1 Gem types, ancient names, sources and colour.

Gem mineral / organic compound	Ancient name	Ancient source	Colour	Source region	Comments
Chalcedony					
Carnelian Sard	*carbunculus* *sabra rubra* *pionias* *sarda*	*NH.* 9. 56.114, 37. 23.87 Strabo, *Geog*. 17.3.11, 17.3.19 *NH* 37.105	red/brown, red/orange brown	Egypt / India / Libya	the most common stone in use, it served well as a seal stone, as hot wax did not stick to the surface of the gem.
Sardonyx Onyx sub-type: Nicolo	*sardonychem* *onychem* *aegyptillam*	*NH.* 9. 56.114, 37. 23.87 *NH* 37.161 *NH* 37. 148	straight bands of white, red, and/or brown distinct banding of white and black, or brown straight distinct banding of pale (usually blue) with darker layers below (usually black)	Arabia / India	commonly used for glyptic arts as lapidaries
Jasper sub-type: Heliotrope	*iaspis /iaspachates* *smaragdachates (green)* *heliotropium*	*NH* 37.139, 37.169 *NH* 37.113, 165	shades of red, green, or yellow, with fewer examples of blue, brown, or black	Egypt / Persia India / Bulgaria	

Gem mineral / organic compound	Ancient name	Ancient source	Colour	Source region	Comments
			dark green speckled with red		commonly referred to as 'bloodstone' due to its colouring
Agate	*achates*	*NH* 37. 19-22	distinct concentric banding of two or more colours	Crete / India / Cyprus / Turkey / Sicily	
Chrysoprase	*prasiodes / chrysopteron / prasius / chrysoprasus /*	*NH* 37.109, 115, 113-14, 172.	highly variable in colour from yellow green to olive.	Turkey	
Garnet	*anthrakes / carbunculus / anthracitis*	Strabo, *Geog*. 15.67, 69, 17.3.11, 19 *NH* 37.92-98, 103-104, 189	deep red	India / Libya / Turkey	very popular during the Hellenistic period, less so during the Roman
Lapis Lazuli	*sappirus*	*NH* 37.119-120	dark blue	Afghanistan	rare in Roman period jewellery
Emerald	*smaragdus*	Strabo, *Geog*. 15.1.69, 16.4.20, 17.1.45 *NH* 37.76	deep green with some degree of translucency, others are opaque with biotite inclusions	Egypt / India / Austria / Pakistan / Afghanistan	primarily used as a bead or rounded cabochon primary to the Roman Imperial period, after which used often in its original crystalline form (hexagonal) paired with pearls
Pearl	*margarita*	*NH*, 9. 54.107-108.	white, grey, pink	India (Gulf of Mannar) / Red Sea / Sri Lanka / Persian Gulf (Stoidis Island)	often paired with emeralds
Amethyst	*amethystus / socondios / sapenos / pharanitis / hyacinthus Aethiopia*	*NH* 37.170, 37.121-124, 37.126	violet, pale lilac, deep purple/red	India / Sri Lanka / Egypt	colour is often uneven or zoned with opacity varying from transparent to translucent
Turquoise	*challeanos lithos / callaina / callais / callaicam*	*PME* 39 *NH* 37.110-112, 37.151	blue/green	Persia / Egypt	delicate crystalline structure which made

Gem mineral / organic compound	Ancient name	Ancient source	Colour	Source region	Comments
					it difficult to engrave and easy to dye
Peridot	*chrystolithon / chrysolithia topazos / topazus*	*PME* 39, 49, 56. *NH* 6.170, 37.24, 107-109, 114 Strabo, *Geog*. 16.4.6	bright pale green	Egypt	sourced from Zabargad island off the coast of Egypt, rarely used during the Hellenistic period, more during the early Imperial period
Sapphire	*hyakhinthos / hyacinthus*	*PME* 56 *NH* 37.122, 125-126	dark blue	Sri Lanka	very rare prior to the 1st century BC/early 1st century AD, more examples from the 2nd century AD onward
Diamond	*adamas*	*NH* 37.55-61	clear, cloudy white/grey	India	rare and set in its natural octahedral crystal form in finger rings during the 2nd-4th century AD
Aquamarine	*beryllos / hyacinthizontes / aëroides*	*NH* 37.76-79	pale blue	Sri Lanka / Burma / Indonesia	very rare until the late 1st century BC/early 1st century AD, and rare even then

Chalcedony – carnelian, onyx/ sardonyx, jasper, agate, heliotrope, chrysoprase

Generally speaking, the term chalcedony is used to describe any fine-grained quartz. It almost always displays colour banding, and the sub-varieties vary in colour, but retain the same arrangement of individual fibres, which occur as parallel or sub-parallel aggregates (Fig. 3).[77] When viewed under a microscope, chalcedony appears as if composed of small radiating fibrous bundles. The fibrous nature of chalcedony allows it easily to absorb dyes, which have been used to brighten its colour. During the Roman period darker chalcedony was valued over the lighter variety, as it was viewed as authentic, due to the fact that the lighter variety was most often dyed or chemically altered through burning.[78] Chalcedony fractures relatively easily across its banding, producing a waxy lustre. This is more easily visible in the agate variety, as the banding becomes more distinctive.

[77] O'Donoghue 2006, 306.

[78] Rapp 2009, 89.

For this reason, lapidaries would often orient the gems vertically to cut through the banding, rather than across it, so as to limit the possibility of fracture. Of its many varieties, the most notable types of chalcedony used in the Roman period are carnelian, onyx, jasper, agate, and chrysoprase.

Carnelian

Carnelian (*carbunculus/sabra rubra/pionias*) can be identified through its reddish-brown colour. Its sources include the Eastern Desert of Egypt, and it was consistently obtained there from the Pre-dynastic period onward,[79] with additional sources, identified by Pliny in Northern India, and the territories occupied by the Garamantes, a tribe located in southern Libya.[80] A bright burnt-orange seal stone of an actor wearing a tragic mask and leaning on a staff from the 1st-2nd century AD illustrates the depth of colour and translucency characteristic of carnelian (Fig. 4, DS. 2,435).

Often confused with sard, carnelian exhibits much of the same dulled surface and absence of translucency characteristic of various types of chalcedony. Sard ranges from deep reddish brown to black, while carnelian is lighter in colour: orange-red to reddish brown (Fig. 5). The similar colouring and shared features make these two varieties relatively interchangeable, and identification can at times be a matter of individual judgment on colour.[81] Since the 4th century BC, India has been one of the largest producers of fine carnelian and sard, with carnelian deposits from Bharuch in Gujarat being prized for their colour and quality.[82]

The relative abundance of carnelian increased with the development of both Eastern and Saharan trade, and this is seen in the archaeological record, as carnelian represents the most common gem in use during the Roman Imperial period.[83] Garamantian carnelian became known to the Roman Empire through

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[79] Ibid., 93.

[80] *NH* XXXVII. 92; Strabo, *Geographica* 17.3.11, 17.3.19; Vibius Sequester, *De fluminibus* 603.9. Pliny identified two sources of carnelian (*carbunculi*); India and the territory of the Garamantes, associating the Garamantian *carbunculi* with Carthage (through which their carnelians were traded), surmising *Carbunculus*, which literally translates to 'red-hot coal', is a term often used by ancient sources to discuss carnelian and/or garnet, two stones with reddish-orange colouring. Strabo and Vibius Sequester both mention carnelian and its geological origins, Strabo refers to 'Carthaginian stones' which were brought from the Saharan mountains, while Vibius Sequester discussed 'Saharan gems' which he incorrectly thought came from the Libyan river Cinyps. Gliozzo, Mattingly, Cole and Artioli's 2014 article on the sources of Garamantian carnelian provides a strong geological analysis of carnelian sources across the Trans-Saharan zone, which brings to light a number of new potential source areas.

[81] *NH* XXXVII. 105. The commentary by Eichholz (249-251) expands Pliny's discussion of sards by including carnelian. Sard according to Pliny was readily available and commonly used. It was found in several locations (Paros and Assos), with 3 different varieties (all quite translucent) coming from India. Pliny mentioned the ease with which sard/carnelian loses its lustre and the disapproval that honey-coloured sard/carnelian met with due to its similarity with the colour of earthenware pots.

[82] Devoto and Molayem 1990, 34.

[83] Tomber 2008, 85.

the acquisition of the North African territory after the conquest of Carthage in 146 BC. Trade in carnelian intensified during the late-1st - 2nd century AD as trade with the Garamantes of the Fezzan, who were the 'middlemen' of Saharan trade, and who could be considered at the time to be a 'client-state' of the Roman Empire, increased.[84]

Carnelian bead-working debris found in the Wadi al-Ajal at Saniat Jibril, an artisanal suburb of Jarma, the ancient Garamantian capital, indicates that Garamantian carnelians were artificially heat-treated, to give them a deeper red colour.[85] As the Garamantian territory was quite vast, it most likely included the geological source of the carnelian, which could have been in the Wadi al-Ajal, or in the Wadi ash-Shatti, 200 km to the north.[86] Evidence of Neolithic exploitation of carnelian in both the Sahara and West Africa[87] could indicate alternative sources of carnelian that were treated and worked by the Garamantes and exported. Excavation of Garamantian levels at Jarma and surface collection at Saniat Jibril has established the presence of carnelian débitage,[88] which is evidence of production centres at these sites and may suggest the working of materials from relatively nearby. [89] However, carnelian may also have been obtained from other regions of Garamantian territory, or even through long distance trade with the Mediterranean, sub-Saharan, northeast, and West African regions.

As the source of Garamantian carnelian is still unknown, its relative abundance in the archaeological record is difficult to ascertain. Understanding what proportion of carnelian stones originated from the Garamantes, and how much from other sources, would facilitate a clearer understanding of how important the Garamantian site was by comparison with other African sources, and India, and to what extent it was the site for 'high' quality stones.[90]

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[84] Wilson 2012, 416, 449. The importance of the Garamantes to Saharan trade is shown by the number of Roman imports found within the Sahara, whose presence is evidence of Saharan and trans-Saharan trade. In turn the Garamantian territory must have been the source region of goods being exported, or a trading site for goods coming from the south.

[85] Mattingly, Daniels, Dore, Edwards, and Hawthorne 2010, 190. Both pale orange and artificially modified deep red carnelian was found at the site. It has also been suggested that dark red carnelian could have been sourced from the Northern and North-East regions of the Fazzan.

[86] Insoll et al. 2004, 1161-1173.

[87] Calegari 1993.

[88] Mattingly 2007. Saniat Jibril was an industrial centre of bead and jewellery production c. AD 100-400. With both Saniat Jibril and Jarma being located in the Wadi al-Ajal, they were centrally located on routes of trans-Saharan trade.

[89] Gliozzo et al. 2014, 219.

[90] Insoll et al. 2004, 1161-1173. A better understanding of the Saharan stones would allow for distinctive geochemical signatures for different sources to be established, potentially informing scholars on trade routes, source sites, and production centres. Recent work on carnelian provenance, inspired by earlier work done with proton-induced X-ray emissions on agate and carnelian, tested West African, Central West African, and Indian (Gujarat) samples, in order to make assertions regarding differentiation and geographic origin. In moving beyond the technique of visual identification that has been employed in the past, the recent work by Insoll, Polya, Bhan, Irving, and Jarvis suggests some overlap between the Indian Gujurati and West African samples; within those, two West-African samples had distinctive chemical differences, one with a Libyan-Nigerian provenance, thus providing a reference sample for future comparisons. One challenge is the lack of samples. With such a small compositional

Onyx / Sardonyx

Onyx and sardonyx (*onychem* and *sardonychem*) are banded varieties of chalcedony that differ from other layered chalcedony in that they have parallel bands. Onyx can be found with milky-white bands alternating with black or dark brown (Fig. 6), while sardonyx has alternating white with brown or reddish-brown bands (Fig. 7). Pliny described the delicate banding of colour as mimicking the colour variation seen on a human fingernail, with Arabian onyx being black with white bands, while Indian onyx ranging in colour from fiery red to black, with many examples being flesh-coloured and resembling or carnelian.[91] It is now thought that what Pliny described as Arabian was actually Indian onyx/sardonyx that was traded from Arabian ports,[92] with sources in the Deccan traps, in particular the district of Jubbulpore and Rajpipla.[93] This theory is corroborated by a passage in the *Periplus*, which identifies onyx/sardonyx as being an exported good from Barygaza in India.[94]

The distinctive colour banding made onyx and sardonyx highly desired by Roman lapidaries as it allowed them to carve a design as a negative relief highlighting the different layers of the stone. If the genuine stone was unavailable or too costly, artificial sardonyx and onyx were created. Pliny described sardonyx being fabricated from slices of red, black, and white stones pressed together and carved, imitating the polychrome effect desired for cameos.[95] A late 1st-century BC–early 1st-century AD, a sardonyx cameo depicting the bust of Apollo exposes the range of colour contrast offered within a single stone (Fig. 8, DS. 10,679). The dark brown layer starkly contrasts with the milky-white colour of Apollo's skin, while the yellow layer gently highlights the laurel leaves on his wreath and the draped textile of his chlamys. The variations in colour of the Apollo cameo are an example of the detail that could be achieved through the carving of banded chalcedony. If they worked the stone properly, lapidaries would be able to create colourful and varied scenes, highlighting both the quality of the stone as well as their deft technique.

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range of unknown and/or questionable provenance, further work must be done to identify the varying compositions of West African and Saharan carnelian. The analysis by Theunissen et al. in 2000, and Insoll et al. in 2004, demonstrated the potential of laser and x-ray application to study gemstones, with a tremendous potential to move beyond the visual analysis that has been characteristic of the field.

[91] *NH* XXXVII. 90-91.

[92] Wendrich et al. 2003, 60.

[93] *Periplus*, 48-49; Warmington 1974, 240; Wendrich et al. 2003, 61. The discovery of agate, onyx, and sardonyx cameo blanks at Berenike could be proof that the onychine lithia mentioned by the *Periplus* as originating in the east from Barygaza, were worked banded chalcedony stones, ready to be carved, set, and sold.

[94] *Periplus*, 48:16.15.

[95] *NH* XXXVII.197. The slices of coloured stone would have been pressed together and held through the use of transparent cement, which in many cases survives to this day (see Ogden 1982, 149).

Jasper

Jasper (*iaspis/iaspachates/smaragdachates*) is an opaque stone characterized by its many varieties: riband (banded), monochrome, brecciated (fractured), and orbicular (eye-shaped patterns) (Fig. 9). Jasper can be found in a broad colour spectrum ranging from white to brown. It is different from the other sub-varieties of chalcedony as it often has a speckled and mottled appearance.[96]

Pliny described jasper as having a weak lustre with many faults.[97] Examples of Roman green jasper is characteristically matte and dark green in colour.[98] An intaglio dated from to the 1st-2nd century AD exemplifies the deep and dense quality of green jasper (Fig. 10, DS. 6,957).

Colloquially referred to as 'bloodstone,' heliotrope (*heliotropium*) is an opaque green jasper speckled with red, giving the appearance that the stone is spattered with blood.[99] Heliotrope, which is often catalogued as a type of jasper,[100] came into favour during the 2nd century AD, and according to Pliny was sourced from Ethiopia and Cyprus,[101] though modern scholarship tends to identify India, and notably Gujarat State, as the main source for heliotrope in antiquity, with smaller sources discovered in Bulgaria, at Srednogorie, and Eastern Rhodopes.[102]

Red jasper, which came from Egypt and Persia, was considered the most valuable, in heavy use during the periods of dynastic Egypt, appearing less during the Greek period, and resurfacing again under imperial Rome.[103]

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[96] Devoto and Molayem 1990, 126.

[97] *NH* XXXVII. 37-38. 117-119. While green jasper and emerald share green as a common colour, the milky/cloudy quality associated with jasper does not exist in emeralds. Instead, the latter can be characterized by ranging from pristine translucency to matte and mottled. Chrysoprase and chrome chalcedony, two other types of chalcedonies, are extremely similar to green jasper in colour and quality, and were often used in Greco-Roman jewellery, though rather than being singled out as individual types of chalcedonies, many have been simply labelled under the general mineral name.

[98] When catalogued, most matte dark green stones are considered to be jasper, though exceptions such as bloodstone exist, and are incorrectly lumped together with green jasper. Bloodstone, also called heliotrope, is a variety of green spotted jasper. The red spots appear like blood-spatter on the surface, hence its name, and are due to the presence of iron oxide. Pliny mentions a type of jasper from the East (most likely India) that is a combination of jasper and onyx known as '*iasonyx*,' a stone with cloudy inclusions and is spangled with red dots - *NH* XXXVII. 118.

[99] *NH* XXXVII. 165.

[100] Thoresen 2017, 186.

[101] *NH* XXXVII. 105-106.

[102] Thoresen 2017, 186.

[103] Devoto and Molayem 1990, 128.

Agate

Agates (*achates*) are recognizable by their distinctive concentric banding with successive layers that differ in colour and translucency.[104] Colours are generally pale, though they vary from white, green, yellow, blue and red, among others (Fig. 11). Agate occurs all over the world, though deposits worked in antiquity have been found in Egypt dating back 3,000 years, and in the Indian Deccan traps, the same origin as some carnelian and sard.

Named after the Achates River in Sicily where it was said to be found in abundance,[105] agate presents diverse colour banding as a result of its chemical formation, with the different textural silicates organised according to the speed, temperature, and particle erosion.[106] Pliny identified a number of varieties, but mixes (reliable) descriptions with their supposed magical characteristics,[107] though he does, in a limited fashion, accurately describe the colour and visual characteristics.[108] Pliny indicated that agate was once held in high esteem, but had since fallen from favour—which may suggest that it had become increasingly available, and thus less rare. An alternate interpretation of Pliny's observation may have been related to the ease with which agate could be altered to appear richer in colour and variation. Agate's slightly porous structure allows it to absorb liquids and change colour more readily than other varieties of chalcedony. Throughout antiquity, pale agate was immersed in different liquids that could penetrate the pores and affect the colour. To prepare the agate, it was typically first immersed in a sweet and sticky liquid, often honey, which would sink into the deepest core of the crystal, after which it was ready to be treated with either a sulphuric solution, which would produce a brown/black colouring, or an iron salt solution that would bring a rose-red or green blue colour to the agate. Once the desired colour was achieved, the agate was re-heated to ensure full penetration and fusing of the crystal layers.

The examples of Roman agate all share the glassy banded qualities characteristic of this variety of chalcedony. A gold and agate ring found in the underwater excavations in Alexandria, thought to be from the 1st century AD, is a classic example of the red and white banding (Fig. 12, DS. 295),[109] showing a clear and sharp delineation between the milky-white and deep red colouring.

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[104] O'Donoghue 2006, 310.

[105] *NH* XXXVII. 54. 139.

[106] Devoto and Molayem 1990, 42.

[107] *NH* XXXVII. 54. 141. Agate from Crete had small gold particles and was a pale white-tan in colour. The Indian variety was believed to allay thirst and had markings that were similar to the patterns of rivers and woods. Phrygian agates had no green colouring, the Egyptian agates lacked red and white veins and were believed to be effective against scorpions, and the Cypriot variety was highly esteemed for their transparent glassy quality.

[108] *NH* XXXVII. 54. 141. Pliny's description of Indian agate is closely aligned with what we now call moss agate, which varies in colour from pale blue, grey, to translucent yellow, has patterns of growth like the movement of rivers and trees. The best-known mineralogical location for moss agate is the Deccan traps of India, and it coincides with Pliny's description of the agate from Crete and its Cypriot counterpart.

[109] Goddio and Clauss 2008, 384, 454.

Chrysoprase

Chrysoprase (*prasiodes/chrysopteron/prasius/chrysoprasus*), also known also as green chalcedony, plasma, chromian chalcedony, or prase, is characterised by its varied and vibrant green colour, with the most common colour being likened to the green stalk of a leek (Fig. 13). Some varieties of chrysoprase are translucent, though others can be more semi-transparent to opaque.[110] The varying shades of chrysoprase captivated Pliny, who noted its wide variety of colours, ascribing descriptive names to the different shades.[111] Chrysoprase is rarer than the other chalcedony varieties, used traditionally as the material for engraved gems from the mid-1st century BC through the early-2nd century AD, with a brief revival from the late 2nd to mid-3rd century AD after which it disappeared. Roman chrysoprase is quite varied in character and is thought to have been sourced in Turkey, from a site near the ancient Roman town of Dorylaion, now Şarhöyük, in Eskişehir Province, Central Anatolia.[112] As a result of its many names and the use of black and white imagery in catalogues it has been often misidentified, with Platz-Horster going as far as to qualify the identification of chrysoprase to a translucent green microcrystalline quartz, and green jasper to the opaque variety, exposing the need for a broad qualifier to differentiate between green-coloured stones.[113]

Garnets

Garnets (*anthrakes* / *carbunculus* / *anthracitis*) are a complex group of minerals that have a common crystal structure and chemical composition, [114] but vary widely in appearance and colour.[115] Modern garnets come in nearly every colour of the spectrum, but during the Greco-Roman period the garnets used in engraved gems and jewellery were warm red and purple in colour, and usually semi-transparent to transparent in opacity (Fig. 14). The use of red and purple garnets reached its height during the Hellenistic period, with garnets representing the leading gem used in gem engraving workshops across the Mediterranean.[116] Their popularity continued through the Roman Imperial period, waning over time, and seeing a resurgence during the Severan (AD 193-225) and Constantinian (AD 313-363) dynasties.[117] Due to its variances in colour and

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[110] Thoresen 2017, 199-200.

[111] *NH* XXXVII. 109 *prasiodes* (leek like), *chrysopteron* (golden feathered). *NH* 37.113-114 *prasius* and *chrysoprasius* (golden prase), *limoniatis* (meadow stone).

[112] Lüle-Whipp 2006, 115; Thoresen 2017, 200. Pliny identifies Alabastrum, near Thebaid in Egypt, as a source for the *prasiodes* (leek like) and *chrysopteron* (golden feathered) types during the Ptolemaic period, and India as a source for the *chrysoprasus* (golden prase) type. *NH* 37.109, 113-114.

[113] Platz-Horster 2010, 179-202.

[114] Jackson 2006, 195.

[115] Ibid., 196; Adams 2011, 10.

[116] Thoresen and Schmetzer 2013, 201.

[117] Thoresen 2017, 176.

ancient naming conventions, garnet is often misidentified, making it difficult to track its overall pattern of usage.[118]

Theophrastus identified Miletus in western Turkey and Africa as sources for garnet, noting that it was brought from Carthage and Massalia,[119] the latter probably an error for Masaesylia in the west of the Berber kingdom of Numidia, rather than Marseilles.[120] Strabo corroborates the statement that Carthage was a source of precious stones,[121] but Pliny makes clear that India and Libya were the primary sources for garnet. [122] Modern scholars are not in complete agreement regarding an African source for garnet, with some proposing Pliny's Libyan stones to be carnelian,[123] while others see a possible Garamantian source of garnet.[124]

Modern scholars have established that the city of Ajmer in the State of Rajasthan, Hyderabad, in Andhra Pradesh, and the Cuttack district in the State of Orissa, all in India, as sources for garnet during the Roman period, as well as the Alabanda region in Turkey, which Pliny had also identified as a source for garnet (Fig. 15).[125]

With ancient sources being vague on what red-hued stone they were discussing, modern cataloguers using the visual identification method identify any red stone described as cloudy as carnelian, and any transparent red stone as garnet. Because few rubies have been confirmed gemmologically from the Greco-Roman period,[126] and it is therefore very unlikely that any ancient naturalist prior to the 6th century AD encountered a ruby, whose colour and opacity could be confused for that of garnet.

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[118] Theophrastus, *De Lapidibus* 18; Pliny, *NH*. 37. 26. The term *carbunculi*, a generic name first offered by Theophrastus and then copied by Pliny to refer to any red-hued stone is the first great identifying hurdle. Pliny stated that 'nothing was harder than the attempt to distinguish the varieties of this stone […].' Adams 2011, 11. Adams cites an example from the British Museum to illustrate the issue of garnet identification with regards to color. A garnet with a suggested carving date of the 4th century BC, making it one of the earliest garnet intaglios, was examined by the British Museum Research Laboratory and shown to be a carnelian.

[119] Theophrastus, *De Lapidibus* 18-19.

[120] Theophrastus, *De Lapidibus* 34-35.

[121] Strabo, *Geography* 17.iii.19. While Strabo does identify the land 'whence the Carthaginian stones are brought', it is unclear if he is correctly identifying garnets, or if these are carnelian.

[122] *NH* XXXVII. 25. Pliny lists a series of other sites including Ethiopia, Orthosia, and Alabanda, though his knowledge regarding the specific source cites is questionable. Adams 2011, 26. Modern scholarship suggests that Pliny's reference to Orthosia in Caria as a source for garnet is incorrect.

[123] Mattingly 2003, 356-357; Wilson 2012, 416.

[124] Adams 2011, 26. Adams' argument on why we should accept the likelihood of Garamantian sources of garnet is based on the idea that Pliny and his contemporaries made a distinction between garnet and carnelian.

[125] *NH* XXXVII. 25. Bauer 1968, 354-355.

[126] Thoresen 2017, 172.

Lapis lazuli

Lapis lazuli's (*sappirus*) blue colouring is many times interrupted by small inclusions and veins, which Pliny said made it 'useless for engraving, because cores like rock crystal [calcite] interfere with this' (Fig. 16).[127] The Sar-e-Sang mines, in the Badakhshan district of northeast Afghanistan, were particularly rich sources of lapis lazuli in antiquity,[128] with other possible sources in south central Iran, south Afghanistan, and the Pamis and the Chagai Hills of Pakistan, but to what extent these regions supplied the ancient world with lapis lazuli is unknown (Fig. 17).[129] The nearest port to the Kokoschka Valley would have been Barbarikon, from where it would have been traded to the west.[130]

The low incidence of lapis lazuli in Roman jewellery may be explained not only by its distant source, but also by the fact that its crystalline structure and inclusions made its carving a challenge coupled with its dull/waxy blue and grey colour which would have been unappealing to the Roman Imperial aesthetic, which prized brightness and colour.[131]

Although disparaged by ancient scholars for its inclusions and crystalline structure,[132] lapis lazuli was principally used as an engraved gem. One such example is a 2nd-century AD oval intaglio carved with the image of an enthroned Serapis (Fig. 18, DS. 8,258). This particular piece of lapis lazuli looks to be quite worn, with dulled edges and a rather smudged quality to the engraving. The large pyrite inclusions and calcite veins indicate that this piece of lapis lazuli was of poorer quality. When comparing Roman period lapis lazuli to that dated to the Hellenistic period, the Hellenistic stones are of a higher quality, suggesting that the Sar-e-Sang mines were exhausted, and were no longer producing bright blue lapis lazuli, or that a shift had occurred, and a different region was sourcing lapis lazuli to the west—possibly south-central Iran, South Afghanistan, and the Pamis and the Chagai Hills of Pakistan.[133]

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[127] *NH* XXXVII. 120.

[128] Herrmann 1968, 21.

[129] von Rosen 1988, 47; Thoresen 2017, 191.

[130] von Rosen 1988, 11–13; Wendrich et al. 2003, 60. Scholarship suggests that lapis lazuli was transported through early iterations of the Persian Royal Road, but this long overland journey was soon replaced with shipments being sent to Barbarikon and then loaded on to boats to the west.

[131] Caley, *Stockholm* 979 - 1002. *The Stockholm Papyrus* gives a recipe for augmenting the colour of lapis lazuli by administering purple dye to the stone's surface. This technique was supposed to have started in the 1st century BC and was recorded by Pseudo-Democritus, the 2nd-century AD Greek philosopher, who wrote extensively on alchemy. This suggests that in antiquity, a deeper shade of blue lapis lazuli was preferred, and perhaps cost more than the grey-veined version. The existence of a recipe for augmenting the colour implies that the preference was aesthetic, rather than structural, as mentioned earlier, as the bluer lapis lazuli has a tighter rock-crystal formation making for a sturdier stone.

[132] *NH* XXXVII. 120.

[133] von Rosen 1988, 47; Thoresen (forthcoming), 33.

Emerald

Ancient writers had long prized emeralds (*smaragdus*) for their vibrant green colour (Fig. 19). Herodotus wrote of Polycrates, tyrant of Samos, and his prized emerald ring,[134] and Pliny shared his view, claiming that of all the gemstones, emeralds were the most desired, as 'no colour is more attractive […] and is the only gem that satisfies without tiring the eyes.'[135]

Though literary mentions are earlier, the first emeralds appear in jewellery during the late 4th century BC, but they remained rare until the Roman occupation of Egypt in 30 BC.[136] With the Mons Smaragdus mining complex in Egypt's Eastern Desert coming under Roman administration, engraved emeralds surged in number, and according to some scholars by the 1st century AD Egyptian emeralds represented a major export good.[137]

Ancient authors vary widely in their opinions regarding the sourcing of emeralds in antiquity. Juba II, Pliny's authority on the subject of emeralds from the Eastern Desert, stated that emeralds were found at a distance of twenty-five days' journeying from Koptos,[138] while Pliny expanded the list to include Scythia, Ethiopia, and Cyprus,[139] and Strabo expanded it further to add India.[140] The source for emeralds in antiquity was not as diverse as Pliny thought, with evidence identifying only Egypt's Eastern Desert as a confirmed site, though nothing to date that suggests Scythia, Ethiopia, or Cyprus as sources. Isotopic analysis of a Gallo-Roman emerald earring reveals that it came from mines in the Swat Valley (Pakistan), suggesting that although not mentioned by Pliny, emerald mines discovered in the 1950's were actually used much earlier, and that emeralds were traded in antiquity from wealthy kingdoms found in present-day Pakistan and Afghanistan.[141] While the Egyptian emerald mines are known and verified to have been the major source of emeralds during the Roman Imperial period, some scholars suggest an additional source site being the Habachtal mines in Austria.[142] Pliny did not mention the Habachtal mines, but oxygen

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[134] Herodotus, *The Histories* 3. 39-52.

[135] *NH* XXXVII. 62; Caley 1927, 979 - 1002. The desire for emeralds must have been quite great, as recipes for dying stones to resemble emeralds have been found in papyri. The Stockholm papyrus (3rd century AD) gives us a number of recipes for dyeing stones to imitate the green hue of the emerald. Several quartzite beads have been found in various stages of fading. The organic dyes bled into the crazed/scratched surface of hexagonal-shaped beads, exposing the underlying colour of the white quartzite and the pale green dye on the surface, which suggest that they were imitation emerald beads.

[136] A single un-engraved emerald mounted on a gold ring from the Ganymede hoard (ca. 330-300 BC) now in the Metropolitan Museum of Art, NY (inv. 37.11.17) is thought to be the earliest confirmed emerald in the Classical World.

[137] Harrell 1999, 2004, 2006; Thoresen 2017, 183.

[138] *NH* XXXVII. 18. 69.

[139] *NH* XXXVII. 17. 65.

[140] Strabo, *Geography* 5. 101, 15.1.69.

[141] Giuliani et al. 2000, 632.

[142] Sinkankas and Read 1986, 184-210.

isotopic analysis of what are considered 'old mine emeralds' by Giuliani et al. could suggest that the Romans exploited the Austrian mines, as one of the emeralds had $\delta^{18}O$ values that match the material from Habachtal.[143] Thoresen is unsure whether the Romans quarried Austrian sourced emeralds, though she does not discount the possibility.[144] Without direct evidence linking the exploitation of the Austrian mines to Roman-period activity, the assertion by Giuliani et al. is tenuous, though the annexation of much of what is now Austria by Roman forces in 16/15 BC, and that the area was an important source of iron and its port city was a centre for lapidary work and trade, could lend additional support to the theory that the Romans were mining Habachtal emeralds. Emerald deposits have also been found in Afghanistan,[145] and in several sites in the Swat District in Pakistan.[146] The sites in Pakistan and Afghanistan are along the path of caravan trails, which would have made them geographically convenient sources of emeralds to the Roman empire.[147] This would mean that in antiquity emeralds were sourced from Egypt, Pakistan, Afghanistan, and Austria until AD 1545 when the Spaniards exploited the Colombian Chivor mine (Fig. 20).

Analysis of emeralds, through the study of inclusions, shows that many emeralds found in archaeological contexts in fact have an uncertain geological origin.[148] A visual analysis of the emeralds from the Roman period demonstrates that while most have an unknown source site, and the known mines for emeralds were not as numerous as previously identified by the ancient sources, the variety in colour and clarity indicates an active overland and sea trade,[149] ranging from the opaque Egyptian emerald to the vibrant and clear emeralds from the Pajshar Valley in Afghanistan.

Ptolemaic-period emeralds were often shaped into rounded beads and cabochons, and it was only later, during the Roman period, that the emerald was used in its natural hexagonal form, in addition to being

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[143] Giuliani et al. 2000, 631. The emeralds evaluated in the study came from a Gallo-Roman earring, four emeralds from the treasury of the Nizam of Hyderabad, an emerald from the Holy Crown of France, and two large emeralds in the collection of the Muséum National d'Histoire Naturelle in Paris. The Saint Louis emerald of the crown of France, whose historical record dates to AD 1226, had compatible oxygen isotopic values matching the Austrian mines. As new world emerald mines were not exploited until AD 1545, Giuliani et al. see this as evidence of Roman activity in Habachtal.

[144] Thoresen 2017, 183.

[145] Bowersox and Chamberlin 1995, 122-123; Laurs 2001, 68. The emeralds from the Panjsher Valley are characteristically fine in colour and clarity. Additional sites in Afghanistan include the Badel Mine, Narang District, Konar Province, and the Korgun and Lamonda mines, Dawlat Shah District, Laghman Province.

[146] Kazmi and Snee 1989.

[147] Thoresen 2017, 184.

[148] Giuliani et al. 2000, 631-632; Aurisicchio et al. 2006, 1-10. A study conducted an emerald and gold necklace discovered in Oplontis shows how varied the results of a gemmological analysis could be, with the possible source sites including El Sikait in Egypt, Habachtal in Austria, and the Urals in Russia.

[149] Giuliani et al. 2000, 632.

shaped and engraved. Emeralds were often paired with pearls, a combination that was frequently depicted on Fayum portraits from northern Egypt (Chapter 6).[150]

Such a pairing can be seen in a delicate 2nd-3rd-century AD gold hoop earring decorated with an emerald and pearl pendant now in the British Museum (Fig. 21, DS. 6,290).

Pearls

The body of a pearl (*margarita*) is largely composed of calcium carbonate, which makes them vulnerable to mineral acids found in the atmosphere, and organic acids found in the human skin (Fig. 22).[151] It is for this reason that pearls rarely survive in archaeological deposits, though many are found in hoards as they are preserved well within vessels. In antiquity, pearls were valued for their brilliance, size, roundness, smoothness, and weight.[152] Pliny, who almost exclusively described Erythraean pearls, defines the quality of a pearl as being in direct relation to the 'quality of the dew received' by the shell. If it was pure inflow, their brilliance was conspicuous, but if it was turbulent, the product also became dirty in colour.[153]

The ideal pearl was large and round in size and shape, in addition to being creamy and smooth in colour and surface texture. When such a perfect specimen could not be found or afforded, it was common practice to use the smaller, cloudier-coloured and irregularly shaped pearls, as the presence of these in jewellery was still highly prized and valued. Origen wrote that the mark of a good pearl was being round, 'so that it was delightful to behold and worthy to be celebrated, though the mark of a great pearl was its smooth surface, very white colour, very transparent and very large in size.'[154] No two pearls are exactly alike, and pearls were known to wear away by use and lose their lustre if not cared for. Their rare and luxurious quality made pearls a highly desired adornment.

Ancient sources disagree on the primary locations and methods of pearl fishing during the Roman Imperial period, though together they offer some consistency and enlightenment on the rich fishing sites, principal trade routes and emporia (Fig. 23).

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[150] See Chapter 6 for an analysis of pearl and emerald pairings featured on the Fayum portraits.

[151] Bauer 1968, 588; Donkin 1998, 36. Pearls are rounded structures formed from calcium carbonate and organic matrix material secreted from the cells of the outer mantle of a variety of saltwater and freshwater molluscs. A 'pearl oyster' is a variety of mollusc belonging to the class Bivalvia, which have a transversely flattened soft body that lies protected between two hinged shells. The shell has three main layers: the outer shell is called the conchin or conchyolin (sometimes called periostracum), produced by the fold in the mantle of the mollusc, the middle prismatic layer composed chiefly of calcium carbonate (calcite), and the inner layer composed of nacre, or lamellae of calcium carbonate (aragonite).

[152] Clement of Alexandria, *Paedagogus* vol. 2, 12

[153] *NH* IX 54.107-108.

[154] Origen, *Matthew* 3.7-10.

Theophrastus wrote that pearls 'came from off the coast of India and [around] certain islands in the Red Sea,'[155] while Pliny narrowed the geographic region down to Taprobane (Sri Lanka).[156] Androsthenes refers to Bahrain (Tylos) as an important source,[157] and Nearchus notes a pearling island (called Stoidis by Pliny) in the Persian Gulf, just west of the Strait of Hormuz,[158] an account supported by the *Periplus*. [159] Isidore of Charax, who like Pliny was writing in the 1st century AD, described the island at the head of the Gulf as being 'surrounded by bamboo rafts from which the natives dive in 20 fathoms of water and bring up bivalves.'[160] Knowledge of pearls and their method of acquisition is often thought to have begun with Alexander the Great's conquest of the East, and his journey to India,[161] though some scholars suggest that familiarity with pearls in the Mediterranean basin occurred as early as the 6th century BC with the Achaemenid conquests bringing freshwater pearls of Eurasian origin to the West.[162]

The brighter pearls were thought to come from the Red Sea, while the pearls from the Indian Ocean resembled flakes of mica.[163] While the Red Sea variety were brighter, their shape was not as large and round, which were two coveted qualities in the ancient world. The Indian Ocean pearls, although flaky in surface-quality, were large and round.[164] Smaller pearls were found in great abundance near Actium and seaboard Mauretania, as well as the coasts of the Thracian Bosphorus.[165] Pearls from the 'oriental pearl oyster' from the Persian Gulf and the Gulf of Mannar, between India and Sri Lanka, were small cream and yellowish pearls.[166] A 1st-2nd-century AD gold loop earring decorated with nine shiny grey-white pearls of irregular shape, is a well-preserved example of what we can surmise as Red Sea pearls (Fig. 24, DS. 9,756).[167]

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[155] Theophrastus, *De Lapidi*bus 71.

[156] *NH* IX. 54. 23-79, 106, 115-116. Pliny identified Roman Britain as a source for pearls, though remarked that due to their brown colouring they were not as prized as those sourced in the east and as such did not represent a significant trading good.

[157] Arrian, *Indica* III. 274-275; Bowersock 1986, 389-406.

[158] Strabo, *Geography* VII. 307. Arrian, *Indica* II. 419.

[159] *Periplus*, 35:11. 26-27.

[160] Isidore of Charax, *The Parthian Stations* 11.

[161] Athenaeus, *Deipnosophistae* 3.93; Ogden 1996, 37. Contemporaries and companions of Alexander the Great including Nearchus, Androsthenes, Megasthenes and Chares of Mitylene discussed pearls and knew of pearl fishing.

[162] Donkin 1998, 89.

[163] *NH* IX. 56. 113.

[164] Donkin 1998, 87.

[165] *NH* IX. 56. 115.

[166] O'Donoghue 2006, 566.

[167] The use of Egyptian emeralds and pearls from the Red Sea appears to be a commonly associated set of materials. The colours of the pearls and the matte-nature of the emeralds suit each other nicely in an aesthetic sense, but more than that, their relatively close proximity in origin would yield an ease in their use together. See Chapter 6 for an analysis of Fayum portraits in a later chapter discusses how emeralds and pearls comprise one of the most common material pairings visible on the portraits.

Two dedications from Wadi Umm Wikala (often referred to as Wadi Semna) dated AD 10/11-17, named P. Iuventus Rufus, tribune of legion III (Cyrenaica), as prefect of Berenike, and in charge of the mines of emerald, peridot, pearls and of all the quarries of Egypt.'[168] The dedications show that there was a *Praefectus Metallorum* in charge of the Roman imperial mines in Egypt and the pearl fisheries in the Red Sea.[169] One interpretation of the twin inscriptions of P. Iuventus Rufus is that both gems and pearls were mentioned because they speak to the level of control they delineate, suggesting different tiers of state oversight.[170] Another possible view is that the twin inscriptions were indications of the State's expanded control, monitoring not just the trade of particular goods, but their sourcing and acquisition as well, perhaps via licenses for pearl fishing. Schörle presents a comprehensive interpretation for the eparch controlling not just the material itself, but also its sourcing, making the diving for pearls a State-controlled activity.[171] This would suggest that the mention of peridot, marble, gold, and emeralds was not just a statement regarding territorial production, but also sourcing, as other goods shipped through the Red Sea, including frankincense, pepper, and ivory, were not mentioned.[172]

Although pearls were of low bulk and high value, the nature of Red Sea trade was highly risky, dependent on monsoon winds, and the ability to invest in the lucrative but costly endeavor of engaging in the expansive and complex network of exchange. To a lesser degree, pearls were transported via long-distance caravan, reaching the West overland travelling through Persia and Bactria.[173]

Amethyst

Amethysts (*amethystus* / *socondios* / *sapenos* / *pharanitis* / *hyacinthus Aethiopia*) range in colour from translucent violet to wine-red,[174] a broad colour spectrum that inspired Pliny to rank them according to colour and

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[168] Sidebotham et al. 2001, 139.

[169] Donkin 1998, 80-81; Warmington 1974, 167.

[170] Ogden 1996, 39. Ogden's interpretation was that the particular gems and pearls were mentioned because the eparch was responsible for local products and goods traded up the Nile.

[171] Schörle 2015, 48.

[172] Ibid., 49; Thomas 2006, 217-218. Evidence of a permit granting Pakubis Ichthyophagos the right to move his ship from Myos Hormos to Philoteras testifies to the State's administration of fishing rights in the Red Sea.

[173] Athenaeus *Deipnosophistae* 400-401; Filliozat 1956, 12; Donkin 1998, 88-89. The first accounts of pearls reaching foreign markets were from the late 4th century BC, found in the lost works of Androsthenes of Thasos and Chares of Mitylene. Androsthenes noted that pearls were of 'high value in Asia Minor, and in Persia and Upper Asia [are] sold for [their] weight in gold,' while Chares explained that 'the Persians, Medes and in fact all Asiatics valued them far more than articles made of gold.'

[174] Francis 1990, 33-39; Shaw 2000b, 219; Thoresen 2017, 168. Heat-treated amethysts are yellow in colour and have often been labelled as citrine or topaz. Thoresen identifies that the examples of topaz and citrines from this period exhibit internal features characteristic to heat treatment, making these not natural citrine or topaz, but rather treated amethyst, a technique learned by western lapidaries from their eastern counterparts. Francis identifies the Indo-Roman trading entrepôt at Arikamēdu, which is considered the earliest documented and most significant lapidary centre in the ancient world, the site where the processing and heating citrines occurred.

clarity (Fig. 25).[175] He listed the best examples as coming from India, followed by Petra,[176] lesser Armenia, Egypt, and Galatia, with the most imperfect specimens coming from Thasos and Cyprus (Fig. 26).[177] Modern scholarship has identified India, Sri Lanka,[178] and the Wadi el-Hudi region in Egypt's Eastern Desert as the 'primary location for amethyst mining in Egypt,' with exploitation dating from the 11th Dynasty through the Roman period.[179] The mines, rediscovered by the geologist Labib Nassim in 1923[180] and archaeologically examined in 1939 by G. W. Murray and Ibrahim Abdel,[181] were schematically divided into twelve sites, five of which were the locations of amethyst mines.[182] Inscriptions at Site 12 in Wadi el-Hudi attest the continued exploitation of amethyst into the Roman period.[183] As amethyst has since been completely worked out of the mines,[184] it is not possible to determine the precise colour and character of the stone extracted here, though Egyptian amethyst has been characterized as quite pale, cloudy in opacity, and fractured, [185] which suggests that the clear, vivid-purple examples were sourced perhaps from India or Sri Lanka.

Two examples, both found at the underwater site of East Canopus in Egypt, exhibit the variances that exist between amethysts quarried in Egypt, and those imported from India or Sri Lanka. The first example consists of two early-Roman truncated conical-shaped beads, each on a gold wire link (Fig. 27).[186] The amethyst beads lack clarity, lustre, and are pale violet in colour, suggesting that they were from the local Egyptian quarries. The second example is of a 6th-century AD pear-shaped bead on a single gold link (Fig. 28).[187] The amethyst is deep violet in colour, has a clear lustre and lacks any visible inclusions, suggesting it is an import from India or Sri Lanka. The presence of amethysts in jewellery across the Roman Empire indicates that Egyptian, Indian, and Sri Lankan amethysts were available well into the 6th century AD due to vigorously sustained production and trade.[188]

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[175] *NH* XXXVII. 121–124. Pliny ranked five types of amethyst: *amethystus, socondios, sapenos, pharanitis,* and *paderotês*.

[176] *NH* XXXVII. 119. Petra is not thought to have been a source, rather it was likely the gateway market through which amethyst was traded after having travelled by caravan from Arabia.

[177] *NH* XXXVII. 119.

[178] Ogden 1992, 107; Rapp 2009, 95.

[179] Shaw 2000b, 220.

[180] Nassim 1925.

[181] Rowe 1939.

[182] Shaw 2000b, 222.

[183] Ibid., 224.

[184] Ibid., 219.

[185] Thoresen 2017, 177.

[186] Goddio and Clauss 2008, 268, 412.

[187] Ibid., 272, 412.

[188] Higgins 1980, 184. The examples from across the Roman Empire vary in colour and clarity, which suggests that the Egyptian market was exporting both local and imported amethysts.

Turquoise

Turquoise (*challeanos lithos* / *callaina* / *callais* / *callaicam*) is a porous blue-green stone that is said to have originated from the 'hinterland beyond India.'[189] Pliny compared turquoise with peridot, noting its similar appearance but lower value, citing its lack of transparency, exceptional size, porous nature, and flaws (Fig. 29).[190] Modern petrological analysis has concluded that turquoise was indeed not a product of India, but rather was most likely brought to Barbarikon for trade.[191] It is possible that the turquoise instead came from the well-known deposits at Ma'dan near the ancient city of Nishapur in north-eastern Iran that were traded through the harbour at Barbarikon and put on boats headed through the Red Sea (Fig. 30).[192]

Egypt was also a source for turquoise, with quarry sites at Magharah and Serabit el-Khadim in the southwest Sinai Peninsula, though it is thought that the Egyptian mines were not active during the Ptolemaic and Roman period, which could explain why turquoise was being imported from the East.[193] While turquoise was known to the Roman world, it was not in great use when compared to other opaque stones, perhaps in part due to its porous and fragile structure.

A 1st–3rd-century AD example of Romano-Egyptian turquoise is a gold necklace with a turquoise pendant now in the Fitzwilliam Museum (Fig. 31, DS. 5,723). The colour of the rounded turquoise is bright, though the stone is flawed with cracks in its surface and a large piece is missing at the bottom of the rounded pendant.

Peridot

Peridot (*chrystolithon* / *chrysolithia topazos* / *topazus*) is an oily-green, often quite translucent, stone, whose surface is easily abraded making it ideal for use in glyptic work (Fig. 32). Pliny based his account of peridot and its sourcing on the work done by Juba II, who had identified the opening of the mine by Ptolemy II Philadelphos. Based on Juba's accounts, Pliny identifies several varieties, though these are thought to be conflations with sapphire and citrine. Thoresen and Harrell explore the different variants of Pliny's stones,

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189 *NH* XXXVII. 33. 207. Pliny referred to it as *challeanos lithos, callais*, or *callaina*.

190 *NH* XXXVII. 33.110-112.

191 Wendrich et al. 2003, 59; Casson 1989, 194.

192 Wendrich et al. 2003, 59. To what degree this mining source was producing turquoise for export is unknown.

193 Lucas and Harris 1962, 202-205, 404-405; Harrell 2012, 6.

finding possible corollaries, as the only known source of peridot remains Zabargad (Saint John's Island).[194] It was sourced exclusively from Zabargad in the Red Sea off the coast from Berenike. (Fig. 33). [195]

Peridot was discovered on the island early in the Ptolemaic period, but its exploitation was under strict state control.[196] The rock-carved dedications from the Eastern Desert of Egypt, discussed earlier with regard to pearls, identified Publius Juventius Rufus as both supervisor of the mines of emerald, peridot, and pearls, as well as supervisor of all the mines and quarries of Egypt.[197] The inscriptions suggest that as eparch, P. Juventius Rufus was both governor of Berenike and the Praefectus Metallorum, or mining prefect. This unification of power could be understood as the Roman Imperial State controlling the sale of material, as well as its sourcing. As St. John's Island was part of the same administrative district as the Eastern Desert, P. Juventius Rufus monitored both the sourcing and the sale of materials.[198]

With peridot being sourced near the Egyptian coast, Berenike would have been the hub for peridot trade, under the oversight of the prefect. The archaeological record of peridot in Roman jewellery is scarce but suggests that it was exported both eastward and westward.[199] A cabochon-shaped stone as well as several unworked stones have been found in Berenike,[200] and blank cabochon peridots set in gold from the mid to late-3rd century AD have survived in India and in France.[201]

Sapphire

Sapphires (*hyakhinthos* / *hyacinthus*) are mentioned in the *Periplus*, and described by Pliny as a blue stone, similar to the amethyst, though lacking in the brilliance that is sometimes found in its violet counterpart. (Fig. 34).[202] Petrological studies have ascertained that sapphires were quarried in Sri Lanka, which indicates that they were traded to nearby ports on the Indian mainland and exported west. The *Periplus* names Muziris

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[194] *NH* XXXVII. 107–109; Thoresen and Harrell 2014, 31, 36. Pliny described peridot as being 'the only precious stone that is affected by an iron file, whereas all others have to be smoothed with Naxian stone [i.e., emery, a variety of corundum].'

[195] Strabo, *Geography* 16. 4. 6. *NH* XXXVII.108. Strabo and then Pliny referred to *topazos*, which modern scholars have identified as peridot, though this ancient naming convention has caused confusion and in some cases scholars have mis-identified peridot for topaz. J.F. Henckel in 1744 mistakenly thought that topaz was *topazos*, thus conflating two different stones. Thoresen and Harrell 2014, 31.

[196] Harrell 2014, 16.

[197] Ibid.

[198] Schörle 2015, 46-49. The inclusion of pearls is of note as these were sourced abroad. Schörle presents a strong argument for the eparch controlling both the sourcing and the sale of material, using pearls and fishing rights as proof of the Imperial State's expanded control of both sourcing, trade, and price.

[199] Maxfield, 2001, 147; Thoresen and Harrell 2014, 33.

[200] Wendrich et al. 2003, 56.

[201] Ogden 1990, 44; 1992, 37.

[202] *Periplus*, 56:18. 26b. *NH* XXXVII.125.

and Nelkynda as the trading ports for sapphires,[203] though a few sapphires have been found in the valley of the Kāveri River in Tamil Nadu, east of Muziris and Nelkynda,[204] which may indicate that not all of the imported Sri Lankan sapphires were exported westward, and that some were locally purchased (Fig. 35). This theory is supported by the fact that sapphires do not appear with great frequency in Roman Imperial jewellery. When compared to other Sri Lankan exports at the time, sapphires were used in greater frequency than aquamarines and diamonds, but in far fewer pieces than pearls and amethysts.

Diamond

Diamonds (*adamas*) were described by Pliny as being 'the most highly valued of human possessions,' doubtless because of their extreme rarity in the ancient world,[205] with possible sources including India, Arabia, and Ethiopia.[206] Modern petrological studies have eliminated Arabia and Ethiopia as possible historical sources on geological grounds.[207] Ancient diamond mines are thought to have been located along the banks of the Penner, Krishna, and Godavari rivers in Southern India, but it is difficult to link ancient names with present-day places (Fig. 36).[208] They are very rare, appearing in Roman jewellery during the Imperial period, with most surviving Roman diamond rings dating to the 3rd century AD (Fig. 37, DS. 6,131).[209] Due to their extreme hardness, which served well when they were used as splinters for engraving,[210] diamonds were set in rings in their intact octahedral form, sometimes paired with an appropriately luxurious emerald or sapphire. It is probable that the diamonds were shipped from southern India through Egypt and on to the Mediterranean, although some may have been traded along the coast of India, up the Persian Gulf, and along the overland routes via Palmyra.[211]

Aquamarine

Aquamarine (*beryllos* / *hyacinthizontes* / *aëroides*) is pale blue/green in colour and translucent in character resembling seawater, while its crystalline composition was ideally suited for faceted-rectangular beads and

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[203] *Periplus*, 56:18. 26b.

[204] Watt 1972, 97–8.

[205] *NH* XXXVII.177.

[206] *NH* XXXVII. 60, 200.

[207] Bauer and Spencer 1968, 140-155.

[208] Thoresen 2015, 191-192. There are five groups of diamond-producing regions along the eastern margin of the Deccan Plateau, with the Golconda Group being the best-known historical diamond producing region. Thoresen mentions the diamond mines on the island of Kalimantan (Borneo), but these were supposedly exploited since the 7th century AD, but the absence of corroborative archaeology suggests a much later date.

[209] Ogden 2018, 30-37; Thoresen 2017, 191.

[210] *NH* XXXVII. 60, 200.

[211] Ogden 2018, 36.

engraved gems (Fig. 38). Pliny identified India and the Ural Mountains as sources for aquamarine,[212] though samples found in the gravels of Burma and Sri Lanka could suggest a different set of sources, nevertheless whether these were active during the 1st century BC-3rd century AD period is not known (Fig. 39).[213] The samples of aquamarine found in Berenike fall under the category of 'transparent gemstones', identified in the *Periplus* as being shipped from Sri Lanka and Indonesia through the port cities of Muziris and Nelkynda.[214] Upon arrival at Berenike they would be worked or shipped on to destinations across the Mediterranean. [215]

The relatively low incidence of aquamarine in the Roman Imperial archaeological record suggests that trade in this particular stone was highly infrequent, making aquamarine quite valuable. Furthermore, the discovery of aquamarine pieces found in Berenike, and the absence of jewellery provenanced to Egypt, suggests that it was not meant for the local Egyptian market, and perhaps due to its rarity and inherent value, it was worked in Berenike and shipped on to Mediterranean ports, where the demand for rare gems was high.

Part III: Trading Patterns: By Land and by Sea

The trade in silks, spices, dyes, gems, and pearls from the East arose in part due to demand, but also due to the profitable nature of the trade and the newly established peace, which offered the merchants free access to the Roman markets. Moralising voices of the time stress the loss of Roman fiduciary capital to the East, [216] and they use the term *luxuria* to describe the vice of coveting these goods that offered social distinction, which to many was represented by the colour of their robes,[217] or the propagandistic or affiliation message transmitted upon the surface of an engraved stone.[218] The indiscriminate application of the term 'luxury' to traded commodities, jewellery, and generally when discussing Rome's long-distance trade with the East, complicates matters. Some goods were indeed luxuries, while others (e.g. incense) were for religious or medicinal purposes. The application of the term 'luxury' solely based on the cost of the good, expensive though they might be, proves to be inaccurate. Gems and pearls were however luxuries as

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[212] *NH* XXXVII. 75-76.

[213] Sinkakas 1981; Rapp 2009, 97.

[214] *Periplus*, 56:18. 26.

[215] Wendrich et al. 2003, 55.

[216] Tacitus, *Annales* III. 53. Tiberius bemoaned the steady monetary flow out of Rome and into India, attributing it to 'the ladies and their baubles which are transferring our money to foreigners.'

[217] *NH* IX. 60-65.

[218] Gołyźniak 2020, 38-39.

they do not fall into the category of goods of a religious nature, nor do they represent goods of a medicinal purpose, but instead represent goods traded for adornment, which in their most distilled purpose was in the pursuit of *luxuria*. In this regard, the materials addressed in this study are luxuries, though as evidenced by the different regional appendices, their use in both type and time will provide a new facet by which to study gem usage. Jewellery, in particular gold jewellery, was preferred, perhaps for its stable value, and its ability to be both adornment and investment.[219] Because gold was plentiful enough to be employed as a raw material and rare enough to have an innate value, gold jewellery was a display of wealth and status, surpassed only by jewellery adorned with gems.[220]

Rome's long-distance eastern trade was conducted by both land and sea, engaging with established routes across the Eastern Mediterranean region. The chief trading routes followed two major axes: the Red Sea-Nile and the Persian Gulf-Syrian Desert, and their use was greatly related to the response to the weather affecting the ocean, desert, and rivers.[221] While the specifics of gem trade regarding either route is still being debated, the resulting analysis will be relevant when addressing the particulars of gem usage in the Roman provinces with respect to availability. Despite evidence from the ancient sources regarding the relative significance of routes and volume of material, it is impossible to quantify precise statistics with respect to Rome's eastern trade.[222]

The unification of the Mediterranean basin under the Roman Empire brought peace, prosperity, and an increased demand for goods. Both material and regional comparative advantage and specialization were promoted as the result of lower shipping costs and an already established Mediterranean trading network. Trade before 30 BC was largely confined to the southern region (Palmyra, Nabataea, and Arabia), as the rivalry between the Parthian and Seleucid powers marked a tenuous political situation to the north, which restricted traffic along the Euphrates and thus impinged upon the ready use of the Persian Gulf-Syrian Desert trading route.[223] Because of this, trade was limited to the southern Ptolemaic and Nabataean

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[219] Ward 2016, 172-173. Using the jewellery from Oplontis B as a case study, Ward identified that while many were able to afford jewellery, nuances existed in the type of metal, its quantity, and the presence of gemstones as markers of socio-economic status. Gold foil would have been the cheaper alternative to a solid gold earring, which in itself would have been a less costly alternative to a gold and pearl earring. Ward's analysis of skeleton 7 is key, as the skeleton was adorned only with a bronze hairpin and a silver bracelet, though she carried a cloth bag that contained a large assemblage of gold and gem-encrusted jewellery. Her bronze and silver adornments were well-crafted and of high quality, suggesting that the jewellery in the cloth bag was not for daily wear, but instead an investment, only to be worn on particular occasions, and in this case the hope for a new financial start.

[220] Metcalf 2012, 3.

[221] McCormick 2001, 65-66; Seland 2011, 398. These two represent the most common trading routes, though any long-distance journey would have incorporated different means of transport and have been adapted accordingly.

[222] There are several reasons for the dearth in scholarship relating to gemstone trade. A primary one relates to their durability and high value, both economic and symbolic. Because gems were often re-shaped or re-used, their archaeological discovery represents the end of the commodity chain and gives little clue to their provenance, sourcing, and trade.

[223] Young 2001, 16.

realms, ensuring hefty profits for both territories and an increase in Red Sea trade with both India and Arabia.[224]

Pliny, who offered detailed accounts as to the money being paid to India, China, and Arabia for imported goods,[225] failed to specify whether the cost was the actual amount due to the countries, or the total retail cost of the items within Rome, a particularly relevant detail, as the two sums would be quite different.[226]

Red Sea – Nile Route

The Romans took advantage of the already-established Ptolemaic ports built along the Red Sea coast, as well as exploiting the benefits of the monsoon winds, exponentially increasing the existing trade with India and Arabia, permanently transforming sea-trade.[227] The increase in state-organized building projects back in Rome meant that vast quantities of stone were needed for construction. This led to an increase in quarrying activity in Egypt's Eastern Desert, and an improvement in the travel conditions along the desert roads that connected the quarrying sites with the Nile Valley. With the goal of avoiding any disruption to its overland movements, the Roman army built military outposts equipped with patrols to protect desert travel and to monitor traffic,[228] as well as watchtowers along the hillsides flanking the roads to the Red Sea ports.[229] These early improvements were crucial to stabilizing the trading network, ensuring that with Egypt under Rome's authority, trade with the East would increase in scale, intensity, and geographic scope.[230] The price of such goods was high, the demand and market were strong, which indicates that regardless of the route taken by traders, or the amount paid in tax at a toll, upon arrival to Rome a significant price would be paid for the goods.[231]

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[224] Strabo, *Geography* 17.1.13.

[225] *NH* VI. 26. Pliny states that 50 million sestertii were paid to India per year, and 100 million sestertii were spent on all imports from India, China, and Arabia. Pliny's assertions were probably greatly based on his moralizing views rather than imperial custom receipts or other knowledgeable sources.

[226] De Romanis 2020, 318-319.

[227] Strabo, *Geography* 17.1.13.

[228] Strabo, *Geography* 17.1.45.

[229] McLaughlin 2010, 27-28.

[230] Strabo, *Geography* 15.1.4. Strabo wrote that 'merchants who now sail from Egypt up the Nile and along the Arabian coasts as far as India, only a small number have ever sailed as far as the Ganges.' With this, the Roman Empire had brought the Mediterranean basin into full commercial contact with India allowing merchants to travel well beyond the previously imagined.

[231] *Edictum de Pretiis Maximis* XXIII. 1-2, XXIV. 1-1a; Young 2001, 16, 21. Young briefly alludes to the reprocessing related to goods shipped around the Roman empire, suggesting that if we are to use Diocletian's AD 301 Price Edict as a guide, the implication is that the bulk of the money may not have gone to the trader or 'middlemen', but rather to those who participated in the reprocessing of the good within the confines of the empire itself. Diocletian's edict identifies vast differences in the price paid for raw versus a processed product, and if we are to apply a similar lens

In order to facilitate trade with the East, a number of land routes were developed between Egypt's Red Sea ports, Berenike and Myos Hormos, and emporia on the Nile.[232] The *Periplus* identified important Indian sites known for gem and pearl export. Pearls and gemstones, in particular 'transparent gemstones', were shipped from Muziris and Nelkynda on the Malabar Coast.[233] Turquoise, lapis lazuli, onyx, and agate were shipped from Masalia and Dêsarênê in the northeast, [234] to the larger port cities of Barbarikon and Barygaza in the Gujarat region in the northwest.[235] With an abundance of imports arriving to Berenike and Myos Hormos from the east, the archaeological exploration of Berenike shows evidence of trade, and a wide variety of precious and semi-precious stones, though much of what has been found is rough and marginally worked.[236]

Red Sea – Nile Route: Taxation

Regarding cost, in particular taxation during transport, more is known with respect to the Red Sea route, though details are still unclear. The *Muziris Papyrus* has been read as referring to a main Red Sea tax (maris Rubri vectigal) of 25%, a single quarter-tax applied to goods entering Egypt from the East, with lower dues, most commonly 2.5 %, on goods re-exported from Egypt to other provinces of the Empire. [237] The Muziris contract suggests that the goods were sent under seal from Koptos to Alexandria, and that the goods must have been officially inventoried upon arrival in the Red Sea ports.[238]

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to gems, which would have indeed required a great deal of reprocessing at the hands of goldsmiths and lapidaries, there was much to be gained if you were a part of that processing chain.

[232] Casson 1989, 14-15. Two major routes connected Koptos to Berenike, and Myos Hormos.

[233] *Periplus*, 56, 18.26.

[234] *Periplus*, 62, 20.21–22; 63, 21.4–6. The term 'transparent stones' has been used in the past to discuss a number of gemstones, though in the current context, it most likely is denoting colourless quartz and varieties of chalcedony.

[235] *Periplus*, 48, 16.15.

[236] Wendrich et al. 2003, 49.

[237] *P. Vindob. G.* 40822/SB XVIII 13167; Strabo, *Geography* 17.1.13; Raschke 1978, 902, n. 996; Duncan-Jones 2006, 4; De Romanis 2020, 283. Strabo mentions that 'double customs duties are collected, both when they are imported into Egypt and when they are exported from it.' De Romanis sees Strabo's comments, when pertaining to the papyrus, as suggesting that perhaps during the mid-2nd century CE, the two quarter-taxes were applied to different tax bases, which were dependent upon how much of the cargo remained in Egypt. Import duties on particular commodities like ivory and pepper had variable surcharges, and these were compensated by reductions when exported. Duncan-Jones notes that the higher taxation rate of 25% could be seen as a ten-fold multiple of the lower one (2.5%), but rules this out as the evidence of 2% and 5% tax rates suggests a more disorganized structure than one would expect. Though evidence of a comprehensive plan of customs points along the outer borders of the empire is not clearly outlined by inscriptions, such a system must have existed.

[238] Casson 1990; Rathbone 2000; Duncan-Jones 2006, 4-5; De Romanis 2020, 283. Casson and Rathbone suggest that the goods were sent under seal to ensure that nothing disappeared on their way to taxation, which would be correct if 100% of the goods were to be re-exported. If not, then Duncan-Jones and De Romanis offer the alternative of double taxation, with different rates applied on imports and subsequent exports. Duncan-Jones uses evidence from Egypt, where goods moving through internal customs points would be subject to particular charges, as evidence of 1% and 3% duties charged in the Arsinoite nome, with additional charges levied for desert guards and use of the Memphis harbour.

De Romanis' recent work on Indo-Roman trade and the *Muziris Papyrus* offers four ways in which the Red Sea tax was managed, identifying that the 25% tax was perhaps not fully levied at the point of export or import, but rather that alternatives were offered by which the merchants could manage the fiscal burden.[239] The first option offered by De Romanis is that the *arabarches* (controller of customs-duties) were authorized by the imperial administration to levy a variable surcharge.[240] The second allowed for the imperial administration to revise the values established for a single commodity, which would explain the need to adjust the fiscal policy with regard to supply and demand.[241] The third saw the imperial administration adjust the tax rate by lowering it from 25% to 12.5% sometime between AD 174 and 227, an adjustment that brought the fiscal value closer to market prices, and survived into the Late Empire.[242] The last option is that the imperial administration modified the standard of the weight unit. Heavier standards would have had lighter dues, while lighter standards had heavier dues, which meant that the new weight standards introduced by Nero in AD 59/60 and Trajan in AD 100/101 were heavier than those they replaced, bringing about a turn in imperial fiscal policy that favoured the taxpayers.[243]

The *Muziris Papyrus* is silent on the matter taxation on pearls and precious stones, a textual dearth that could be attributed to a possible change in Roman trading patterns with India between the time of the *Periplus* and the papyri, or evidence of a continued failure by the Roman administration to tax high-value, easily hidden goods.[244] The absence of pearls and gems from the list outlined on the *Muziris Papyrus* verso text, which identifies the commodities carried aboard the ship Hermapollon, is conspicuous. The inventory that was submitted to the customs officials lists Gangetic nard and ivory, malabarathon, pepper, and tortoise shell. As the *Periplus* mentions that ivory and Gangetic nard was sourced from Limyrike, the absence of diamonds and other translucent stones which are mentioned by the *Periplus* as commodities available at this emporium, could be evidence of illicit trade.[245] This, as well as the absence of pearls, which were abundant and available in the nearby Gulf of Mannar, prompts one to take a more critical look at taxation of pearls and precious stone in regards to the evidence provided by the papyri.

Analysis of gem usage during the 1st century BC – 4th century AD does not support the theory that the absence of pearls and precious stones from the manifest list of the Hermapollon is evidence of shifting trading patterns. Instead, the more likely reason rests with the issue of effective taxation, which De Romanis addresses through the study of a rescript of Marcus Aurelius and Commodus, to which was attached a list

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239 De Romanis 2020, 278-297.

240 Ibid., 297. *The Muziris Papyrus* shows that the surcharges were levied on pepper and ivory.

241 *NH* XII. 28; Bülow-Jacobsen 2012, 219-221; De Romanis 2020, 291-292, Table 12.5 and 12.6.

242 *Cod. Theod.* 4.13.8 / *Cod. Iust.* 4.61.8; Duncan-Jones 2006, 5; Nappo 2018, 154-156.

243 Cagnat et al. 1975, 1.1374; 1379; Preisigke et al. 1913, 8.10070.

244 De Romanis 2020, 319.

245 *Periplus*, 56.

of commodities that had to be declared, a reminder of what was taxable and what was exempt.[246] The rescript and its accompanying list suggest that the distinction between taxable and exempt goods was not always clear to either customs officials or merchants, and that the boundaries were even harder to ascertain when one was unsure of the identification of the good itself. The rescript mentions taxes on an all-encompassing *lapis universus* (all kinds of stones) and is followed by a long list of goods to be taxed including pearl, sardonyx, emerald, diamond, sapphire, and turquoise. The rescript makes no mention of the taxation rate, but rather that, perhaps in order to prevent evasion by the merchants, any good identified as a stone would be taxed, regardless of type. The accompanying list of gem-types could be interpreted as evidence that the customs officials were required to be well-trained in gem authentication and identification, a tall order indeed.[247] The use of the comprehensive term *lapis universus* in fact suggests otherwise, providing evidence that all gems were to be taxed, regardless of type. Possibly the absence of pearls and precious and transparent stones (λιθία διαφανὴς παντοία) from the manifest of the Hermapollon is not a reflection of changing trade practices and a decline in the trade of gems and pearls, but rather a long-established, perhaps purposeful, negligence on the part of customs officials to identify and tax these small highly-priced goods.[248] When viewing the rescript of Marcus Aurelius and Commodus alongside the evidence from the Hermapollon, and the rich gemmological profile evidenced in the archaeological record, all gems were to be taxed, irrespective of type or authenticity, suggesting that if one were to transport gems, they would be real, because if found, they would be taxed.

The question of cost relative to the objects' point of origin is particularly relevant to the gem trade, as the evidence from Berenike and the discovery of blank cameos in Arikamedu on the Coromandel coast, an Indo-Roman trading station on the south-eastern coast of India,[249] demonstrates the presence of a trade route that carried varieties of chalcedony (carnelian, onyx, agate, and sardonyx) to Egypt from the east. The cameo blanks would have arrived at Berenike, been carried across the Eastern Desert by caravan, loaded aboard Nile ships at Koptos, from where they would have made the journey up the Nile to Alexandria to be once again loaded for shipment to destinations around the eastern Mediterranean and beyond,[250] to be worked and set by lapidaries and goldsmiths at their destination site. The 117-carnelian seal-stones from the Snettisham hoard (2nd century AD) found in north-west Norfolk,[251] and the other varieties of chalcedony found as engraved gems from the Thetford Treasure (mid-4th century AD), also in Norfolk,[252]

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[246] Marcian, *Digest.* 39.4.16.7; De Romanis 2020, 264-266.

[247] Tacitus, *Annales* 3.52. The value of a stone would have been required in order for a tax to be levied, which was probably consistently minimized in order to bypass sumptuary laws.

[248] Wilson 2015, 23. Even if pearls and precious stones were not taxed with any rigour or frequency, the customs duties on eastern trade represented a significant income for the Roman state.

[249] Sidebotham et al. 2008, 181.

[250] Casson 1995, 270-272; Wendrich et al. 2003, 50; Seland 2011, 404-406.

[251] Johns 1997.

[252] Johns and Potter 1983.

could have come from Garamantian Libya (carnelian) or Egypt, where they were first worked into rough-cut stones before being shipped to ports and provinces of the Roman Empire.

Chalcedony pieces including varieties of carnelian, agate, onyx, and sardonyx have been found at Berenike cut into flat, oval disks for cameos.[253] Casson noted that the entirety of the goods shipped to Berenike and Myos Hormos from India were sold in the Egyptian market, with a small amount meant for local consumption, and the bulk of imports were intended for a wider distribution across the Mediterranean.[254] Transport of unworked stones and blank cameos would have suited both of these markets nicely, representing a fixed, though limited, stream of luxury offerings for the Egyptian and Mediterranean markets. The goods imported from India, especially the smaller more valuable items like gemstones and spices, were lucrative financial investments, taking up a reduced space in the cargo hold, but representing a highly sought-after commodity, even with the Roman government's 25% import duty.[255]

It is difficult to estimate the full scale of gold and silver coinage that entered India, as much was melted down into jewellery, which was India's traditional form of wealth.[256] The mobile nature of coinage makes it difficult to give a conclusive assessment of Indo-Roman trade solely based on the presence of Roman bullion; but in studying the presence of coins alongside what we know of ancient harbours and centres of commerce, as well as the regions of gem and metal mining, a more complete assessment can be made. The discovery of a Julio-Claudian coin hoard in the region of Coimbatore (in southwest India),[257] and a Flavian period hoard near the Krishna River in Andhra Pradesh (central eastern India)[258] —both regions known for their gem production—indicates an active trade site for gems as well as pepper and ivory.

Red Sea – Nile Route: Weather

The monsoon winds enabled ships to reach East Africa and India in an expedient manner, with Alexandria remaining the centre for Mediterranean trade,[259] and Berenike and Myos Hormos acting as gateway ports to the Red Sea.[260] Nile travel was characterized by its high risk of grounding, as travel in the early summer could only be accomplished in small boats, forcing safe passage of larger boats, which were preferred for

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[253] Wendrich et al. 2003, 61.

[254] Casson 1989, 17.

[255] Tacitus, *Annales* 3.53; Raschke 1978, 666; Casson 1989, 5–6; Turner 1989, 5-6, 19.

[256] Turner 1989, 19.

[257] Ibid., 5–6.

[258] Raschke 1978, 666; Casson 1989, 5–6; De Romanis and Tchernia 1997, 96.

[259] Casson 1984, 158-159, 184; Young 2001, 17, Gawlikowski 2018, 16-17.

[260] Ibid., 182–4; Fuks 1951, 211. By the mid 1st century AD merchants were maintaining facilities and agents in both cities. An example of this comes from the Nicanor Archive, which relates that the Egyptian businessman Paminis sent one son to each town to manage his businesses and economic interests.

the transfer of Eastern goods, to be postponed to August/September.[261] Broadly speaking, trade in the Mediterranean followed the pattern of its winds, accounting for its northerly tendencies; a steady northwesterly wind could be observed from June to September from Egypt to Crete, and Cephallonia to Syria.[262] Ships sailing south from Italy and Greece to Africa, Asia Minor, Syria, and Egypt were met with an easy voyage on the way down, but a more challenging return as they were sailing against the prevailing wind.[263] The benefits and setbacks associated with the weather of either trade route will be discussed in greater length below.

In order to identify centres of gem trade, scholars have to cross-reference textual accounts with the archaeological evidence, where available, identifying many of the active trading sites within the Indian Ocean, primarily those bordering the Arabian Sea, during the Roman period[264] From the *Periplus* and Pliny we know of two main trade routes (Fig. 40): one along the western coast of the Red Sea, down the southern border of the Gulf of Aden along the eastern coast of Africa to Zanzibar, and the other route follows the first down the western shore of the Red Sea, and then diverges, travelling along the southern coast of Arabia and across the Arabian Sea to India and Sri Lanka.[265]

Because trade along these sea routes was dependent upon the monsoon season, modern scholarship has been particularly focused on weather fluctuations as well as the turning of the winds, as these would denote when the return trip could be started and how quickly a return could be charted.[266] In identifying the particular times of departure from trading destinations in the western Indian Ocean, recent scholarship identifies a sailing cycle reliant on wind and water level.[267] What this demonstrates is the expectation of timed delays at each point in travel due to the weather. If an Egyptian merchant were to travel to the East in order to acquire gems, it would need to leave Egypt in July so as to travel with the southwest monsoon wind that ran through the Gulf of Aden in August, arriving to India in September, which marks the end of the monsoon season. The merchant would have to wait until December to return as he needed to catch the southerly wind in the southern Red Sea in January to March, arriving back to Egypt in February or March.[268] Upon arrival to the Egyptian coast, the goods would be transported across

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[261] Cooper 2015, 111. The peak of the flood in August and September meant that goods imported through the Red Sea by way of Myos Hormos or Berenike to Koptos would have to travel during that short window, as Cooper tracked a near 50% decline in the river flow during the subsequent months.

[262] Casson 1995, 272.

[263] Ibid.

[264] Wendrich et al. 2003; Tomber 2008, 19–56, 59; Seland 2017, 58.

[265] *NH* VI.106; Casson 1984, 184.

[266] Gupta, Anderson, and Overpeck 2003, 354-357. Fluctuation of monsoon strength has not varied greatly over time, suggesting that modern climatic data can be used to reconstruct the schedules of communication and trade.

[267] Seland 2017, 48; Gawlikowski 2018, 16-18.

[268] *NH* VI. 106. Pliny indicated that the month of December through to January 13th was the best time to leave Indian ports for the Red Sea. A December/early January departure date would place the ships in the southern Red

the Nile, and due to the water levels of the river, the merchant would have to wait until it flooded in August in order to safely transport his goods to Alexandria. The journey taking from July to August of the following year does not account for the possibility of caravan travel through Egypt, or the possibility of sailing out of season,[269] but when considering optimal sailing conditions, the expedition would be lengthy and could take up to a year or more.

Persian Gulf – Syrian Desert Route

While much of the 'international' trade during the 1st century BC-1st century AD was undertaken by sea, there is evidence of alternate overland routes that diverged from the path charted by the *Periplus* across the Red Sea. For the purposes of this study, the particular route that will be explored is the one Seland and others have called the Persian Gulf corridor, which brought gems through Palmyra, though there are other overland routes, including the Arabian incense trade of the Nabataean kingdom.[270] The overall distance travelled on the Persian Gulf-Syrian Desert route was much shorter when compared to the sea alternative, a journey that took four times as long.[271] Seland approximated the distances for the two different routes on a map, identifying the total distance of the Red Sea route that followed the Nile as 5,640 km in length, which is approximately a third longer than its counterpart, the Persian Gulf-Syrian Desert route, which was 3,750 km in length.[272] Seland's calculations indicate that while distance was one of the factors that decided which route was taken, it was considered alongside cost, security, harvesting seasons, and most importantly, weather.

Recent scholarship has built upon Strabo's initial view that the Parthian conquest of Mesopotamia in 141 BCE, and the subsequent disintegration of Seleucid power resulting in a fraught environment characterized by nomadic chieftains who levied tolls,[273] was the catalyst for the establishment of a caravan route through the Mesopotamian Desert. Gawlikowski and Millar identify it as the context by which the route through the Syrian Desert, by way of Palmyra, came to be in use,[274] while Seland attributes it to the particulars of Palmyra's topography, hydrology, and ecology, in addition to the geopolitical environment.[275]

Sea region from January to March, favourably positioned to catch the south-east winds on their journey up to Berenike.

[269] Beresford 2013, 265-275; Casson 1995, 271 n. 273.

[270] Young 2011, 81-122; Seland 2011, 399.

[271] Seland 2011, 399.

[272] Ibid.

[273] Strabo, *Geography* 16. 1. 27. Strabo describes 'merchants' as paying the toll and crossing the Euphrates, passing through the desert between it and the Tigris, until they reached Babylonia.

[274] Millar 1993, 126-127; Gawlikowski 1996, 139; 2018, 18.

[275] Seland 2016a, 27-88.

To what degree the cargo transported via the Persian Gulf – Syrian Desert route made their way to Rome and the greater Roman Empire is unknown, but some scholars conclude that the Alexandria, rather than Palmyra, provided the goods to the west,[276] while others see the Palmyrene route as offering exports to the Mediterranean markets at alternate times, ensuring that the centres of commerce would receive imports from the Indian Ocean at different times of the year and at multiple entrepôts.[277] The use of multiple routes feeding into various ports is a logical solution when considering the risks associated with weather, and the unstable political conditions of the Red Sea and the Euphrates borders. The variable sources would have ensured that goods were delivered, to some degree, year-round and that prices were balanced, and that the Roman gem market was stable.

Warmington suggested that Indo-Roman currency was created to facilitate trade in the area,[278] but this theory has been dismissed by scholars for two main reasons: small denominations of Roman coinage have not been found, and the shortage of precious metal in central and southern India would have impeded the production of gold and silver bullion.[279] Numismatic evidence would indicate that during the late-1st century BC there was active trade in the northern and southern regions of India. Sri Lanka, which has always had a close association with southern India, was considered to be the commercial boundary between the western world (the Indian subcontinent, Mediterranean, Persia and Arabia) and China.

Persian Gulf – Syrian Desert Route: Taxation

Less is known regarding taxation on the Persian Gulf – Syrian Desert route, though it is likely that some form of taxation would be levied on incoming commerce at Spasinou Charax and/or at Palmyra.[280] Located at an oasis between the Euphrates River and the Mediterranean Sea, in the centre of what is now modern-day Syria, Palmyra played an important role as a rich and prosperous mercantile centre. An inscription from Palmyra on a wall in one of the tower tombs appears to refer to money-lending operations where the long-distance merchants thanked their patrons (at least one of whom was a collector of the quarter-tax).[281] The inscription is precise, with De Romanis identifying the sum listed as the total value of the taxable goods

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[276] Ammianus, *Roman History* XIV 3.3, XVIII 3.3; Will 1992, 83-84; Gawlikowski 2017, 26. Will observes that the absence of merchants from Palmyra in the West suggests that goods from Palmyra were not forwarded to Alexandria. To this end, Palmyra was not competing with Alexandria along the Mediterranean routes, instead supplying goods to local fairs. Ammianus Marcellinus describes great fairs during the mid-4th century AD at Batnae and Amina in Roman Mesopotamia, which date to after the decline of Palmyra, but serve as evidence of crowds gathered to exchange goods from India and China.

[277] Seland 2011, 406.

[278] Warmington 1974.

[279] Turner 1989, 19.

[280] De Romanis 2004, 460-475; Seland 2011, 402; Gawlikowski 2017, 22-24.

[281] Gawlikowski 1986.

(τιμή): 3,728 talents, 16 minae, 5 tetradrachms, 1 drachm, and 2 obols.[282] The evidence from the inscription does not preclude a tax being levied in Mesene or in Antioch, but Gawlikowski suggests that once the quarter-tax was paid in respect of import to Palmyra, the exit tax from Palmyra was between 3-13 denarii per camel depending on the load,[283] proposing a similar pattern to the double taxation that occurred in Egypt, with different rates applied on imports and subsequent exports.

Persian Gulf – Syrian Desert Route: Weather

Weather, in particular precipitation and seasonal wind changes, was intimately linked with patterns of trade. Access to camels needed for the caravans from the Persian Gulf to Palmyra was dependent upon the herd movements of the nomads who would travel north in the late winter/early spring.[284] The journey across the Syrian Desert was not without its challenges. The merchants had to bring provisions for the length of the journey and were relying on the patronage of the Palmyrene elite, as well as the protection of the nomadic tribes for safe passage through the politically unstable territory between the Euphrates and the Orontes, which was the border zone between the Roman and Parthian empires.[285] The overland route was unlike the Red Sea route, which boasted an infrastructure maintained by Roman authorities; instead, the path through the Syrian Desert was organized by merchants who journeyed out from Palmyra crossing the desert to Hit, and travelling downstream on the Euphrates upon rafts made of inflated skins.[286] The overland route began much in the same way as the path taken by those crossing the Indian Ocean towards Egypt, with ships stopping at ports along the Indian coast at Muziris, Barygaza, and finally Barbarikon before breaking to make the long journey to Berenike. Rather than crossing by sea, the Persian Gulf – Syrian Desert route tracked ships leaving Barbarikon in October, once the north-easterly winds had stabilized,[287] travelling to the Persian Gulf port of Forat, and then onto Spasinou Charax, the capital of the Mesopotamian Kingdom of Mesene. There the goods would be unloaded and set upon camels, which would journey across the Syrian Desert to Palmyra. It is thought that the goods would be transported to

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[282] De Romanis 2004, 472; Gawlikowski 2017, 24.

[283] Gawlikowski 2017, 27.

[284] Strabo, *Geography*. 2. 5. 32, 16. 1. 8, 16. 2. 1, 16. 3. 1; *NH* V. 65, V. 87, VI. 125, VI. 144-145; Sommer 2005, 170-183; Seland 2011, 403; Yon 2012, 95-97. Modern scholarship has used the Ottoman period caravans as a parallel to discuss the return journey for the Palmyrene merchants, which has matched the Palmyrene inscriptions describing the returning caravans from Spasinou Charax.

[285] Sommer 2005, 213-128; Seland 2011, 399-400; Yon 2013, 100-106.

[286] Gawlikowski 1983, 168-169.

[287] Tibbets 1981, 230; Butcher 2003, 122; Seland 2011, 398, 401. Because the India - Persian Gulf journey was not mentioned in ancient sources, modern scholarship has cited Islamic and British sources tracking the sailing seasons during the 16th and 19th centuries, all of which mention dates in October for the beginning of the first leg of the journey.

the port city of Antioch, where they cleared customs and were distributed across the Roman Empire.[288] The journey from Palmyra to Antioch would have been by way of Chalkis, which allowed the goods to travel through Roman-controlled lands and would have taken less than ten days' travel.[289] The journey from Barbarikon that began in November could have reached the Mediterranean by April or May, well in advance of the goods travelling by the Red Sea route, which were set to arrive in Alexandria four months later in August or September.[290]

Conclusion

Ancient authors provide us with a richly detailed account of gem and pearl varieties, characteristics, and quality. With the growth of overland as well as Indo-Mediterranean trade, previously unknown-coloured gems and pearls became familiar to the Mediterranean territories, and the ancient narrators offer a privileged view of gem availability and variety during the 1st century BC- 4th century AD. Though discussed often by ancient authors, the realities of Roman gem trade are still unclear, making gems among the least investigated and understood areas of Roman trade. This is in part due to their value, both symbolic and economic, as they were often re-shaped and re-fitted, but beyond that, the archaeological evidence of Roman gems is provided by grave goods, hoards, or the antiquities market, which represent the end of the commodity chain. Corroborating ancient source sites with modern mineralogical studies clarifies, to some degree, the find points and origins of trading routes, thus building a more complete picture of Rome's vast and far-reaching trading network.

By considering Roman gem trade in three parts—ancient sources, gem identification, and trade routes—we are able to draw conclusions regarding what stones were available where and when, and what routes were used to supply these highly valued Eastern commodities to the Western regions of the Roman Empire. Understanding the challenges inherent in reading the ancient sources literally, the use of modern gemmological studies aims to provide a counterpoint to the often derided and at times hyperbolic texts so commonly cited when discussing Roman gems. The discrepancies in the terminology employed by the ancient and modern authors present some challenges in identifying what gems were available and in use during this time. Clarifying these terminological incongruities solidifies the foundation upon which to begin building the parameters of Roman gem trade. Knowledge of gem type and source region contextualizes

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[288] Sommer 2005, 203; Seland 2011, 399, 403; Gawlikowski 2017, 19-20. There is no evidence as to where the goods were transported to once they reached Palmyra, though evidence of taxes being levied in Antioch on Palmyrene goods supports it as being the western distribution port.

[289] Young 2001, 149; Gawlikowski 2017, 22.

[290] Seland 2011, 405.

how we view rarity and availability, identifying patterns of trade and making conclusions regarding what routes would have been used to supply different territories. Analysis of weather patterns relating to Indo-Roman trade becomes a vital part of the third section of the chapter which looks at the trading routes that were employed during the period in question to supply the West with eastern goods. The *Periplus* helps chart out the nearly year-long journey from Egypt to India and back, setting a schedule of sorts for trade leaving Alexandria bound for Rome. The alternate route through the Syrian Desert by way of Spasinou Charax to Palmyra reflected a need for gems and pearls in Rome's eastern territories, which while not in conflict with the Egyptian trading network, represented an important regional demand, visually manifested in the funerary sculptures of Palmyra's elite. Recent scholarship on the two trading axes demonstrates that long-distance movement was linked to weather and mobility, and that the two routes offered alternatives to Rome's demanding market, with goods from Palmyrene trade arriving to the Mediterranean port by late Spring, while goods shipped by way of Egypt would reach Alexandria in early Fall. The use of multiple routes meant that the Mediterranean market was supplied by imports from the Indian Ocean at several points during the year, and to several entrepôts, ensuring that the Indo-Roman trade was diversified and balanced.

The *Muziris Papyrus* and the *Periplus* contain important information regarding the taxation and expense incurred when trading gems from the east. What is known from the *Periplus* and the rescript of Marcus Aurelius and Commodus, qualifying various types of precious and transparent gems as *lapis universalis*, is strong evidence for a healthy trade in gems from the East. The absence of gems in the manifest of the Hermapollon's cargo could be viewed as evidence for possible shifts in trade but is more likely due to an incomplete manifest or perhaps the illicit trade of these high-valued easily hidden goods. The subsequent chapters, dedicated to different assemblages of Roman period stones, represent proportional studies looking to establish quantitative trends of usage. These studies do not support a theory of a shift or decline in gem trade during the mid-1st-2nd century AD, but instead suggest that the Roman tax system was not as successful in levying charges on gems appropriately or dissuading gem smuggling. These realities do little to help our understanding of Roman gem trade, which is why the different gem datasets presented in the forthcoming chapters will be analysed and tested for biases, using regional case studies and hoards to better recognize and discuss the shifts in gem usage during the 1st century BC– 4th century AD.

Chapter 3: Central Empire-wide Dataset: Engraved Gems, Blank Gems and Rings

This chapter is the first of three addressing the catalogued material that represents the quantitative part of the thesis. The two subsequent chapters each examine a subsection of the material catalogued in the central dataset, narrowing the analysis by looking at more soundly provenanced material at each turn. The purpose of this chapter is to establish a foundational understanding of the chronological and material profile of Roman engraved gems from the 1st century BC to the 4th century AD. The conclusions made here will be broad, and at times lack the focus and detail that will be present in the subsequent chapters as the nature of the dataset does not permit detailed chronological and geographical claims. Nevertheless, this chapter is necessary to establish a framework that will serve as the scaffolding upon which later conclusions will be built.

Parameters for the Central Dataset

The central catalogue, exceeding 10,000 pieces, presents the opportunity to conduct a quantitative study of Roman gems and jewellery to identify broad patterns of usage relating to type, chronology, and region. This general view of Roman gems provides the foundation for a series of rigorous and thorough studies of regionally specific sub-catalogues that provide chronologically and contextually sound datasets of Roman period gems.

The collections catalogued to build the central dataset include national, state, regional, city and site museums, as well as several private collections and digital databases (Table 1.1 above). A total of 10,726 pieces constitute the central dataset, with 10,850 instances of gems and pearls as some pieces have more than one stone or type of stone. There are 11 jewellery types catalogued in the central dataset, though only three of these: engraved gems, blank gems and finger rings will be addressed in this chapter (totalling 10,272 pieces).[291] Of the 10,726 total pieces of jewellery, the vast majority are engraved gems numbering 8,897 pieces (83% of the entire catalogue), followed by 1,245 finger rings which comprise 12% of the central dataset (Table 3.1). Blank gems, which represent a little over 1% of the dataset and 130 pieces, evidence a cataloguing bias in that most catalogues do not include blank gems in the publication as they lack iconographic elements, which have been the subject of the majority of Roman gem studies. It is only recently, with the expansion of digital catalogues and in some modern publications that blank gems have been included,[292] so that is to say that there may be a great number of blank gems that exist from this period, but without concrete provenance and no discernable stylistic or iconographic elements, they would be difficult to catalogue.

Table 3.1. The Central Dataset organized by jewellery type. When possible, percentages have been rounded to the nearest integer.

Jewellery Type	Total Number	% of Total
Engraved Gem	8,897	83%
Finger Ring	1,245	12%
Earring	204	2%
Blank Gem	130	1.2%
Necklace	122	1.2%
Pendant	53	0.5%
Bead	43	0.4%
Bracelet	16	0.2%
Brooch	13	0.1%
Diadem	2	0.02%
Chain	1	0.01%

[291] The 11 jewellery types in descending order of occurrence are: engraved gem, finger ring, earring, blank gem, necklace, pendant, bead, bracelet, brooch, diadem, and chain.

[292] The catalogues devoted to the provenanced gems from Caesarea Maritima and Carnuntum are significant in their inclusion of blank gems, which is possible due to the known geographic and chronological limits of the material. Blank unprovenanced gems lack any stylistic, geographical, or chronological parameters, making them difficult to catalogue, and it is most likely for this reason that they are left out of most catalogues.

The five most common gem types are carnelian, jasper, onyx, sardonyx, and agate. Chalcedony is a general descriptor and ranks as the sixth most common gem type. There is a significant gap between these and the other gem types, which are, in decreasing order, garnet, amethyst, emerald, chrysoprase, pearl (not a gem but included in this thesis due to its frequent appearance in Roman jewellery), lapis lazuli, sapphire, aquamarine, turquoise, diamond, and peridot (Table 3.2).

Table 3.2 Total gem instances for the central dataset. Some pieces have multiple stones. When possible, percentages have been rounded to the nearest integer.

Gem	Gem Instances	% of Total Instances
Carnelian	4,428	41%
Jasper	1,596	15%
Onyx	1,357	13%
Sardonyx	882	8%
Agate	595	5%
Chalcedony	567	5%
Garnet	393	4%
Amethyst	339	3%
Emerald	182	2%
Chrysoprase	147	1%
Pearl	146	1%
Lapis Lazuli	100	1%
Sapphire	72	1%
Aquamarine	19	0.2%
Turquoise	12	0.1%
Diamond	11	0.1%
Peridot	4	0.04%
Grand Total	10,850	
Total Pieces	10,726	

The initial conclusion regarding gem commonness and types of chalcedony, in particular carnelian, confirms what we have known regarding the preponderance of carnelian and other varieties of chalcedony used for engraved gems during the Roman period. The sixth most common gem classification, chalcedony, was used by cataloguers who were unable to identify the particular type.[293] If the total 567 pieces catalogued as chalcedony were proportionally divided into the defined types of chalcedony: carnelian, jasper, onyx,

[293] As widespread practice has been to print the images in black and white, conducting a visual analysis to determine colour is frequently impossible. The catalogue of the Hendler collection from Caesarea Maritima is one of the exceptions, publishing full colour images at magnification and to scale.

sardonyx, agate and chrysoprase, their place in the table order would not change, proving that the top five most common stones during the Roman period in descending order are carnelian, jasper, onyx, sardonyx, and agate.

The biases inherent in the study of ancient gems and jewellery, many of which were discussed in the first chapter of the thesis, represent challenges that must be addressed and engaged with, in order to come to honest and realistic conclusions regarding these portable commodities that can be often mid-identified. The relative impossibility of building a comprehensive dataset capturing all Roman gems and jewellery dated from the 1st century BC to the 4th century AD is most aptly explained through the factors of provenance, chronology, and gem identification, the three most challenging, and often incorrectly documented aspects of any catalogued piece.

Provenance, in the sense of findspot and place of discovery, is frequently not known for jewellery and engraved gems as their small size makes them easily portable. In some cases, provenance can be identified when there are clear archaeological records, while in others, provenance has been assumed and catalogued through a stylistic analysis of the piece.[294] For the purposes of the central dataset, which represents the totality of material catalogued in this thesis, provenance has been included when there is no doubt about the item's origin as stated in the catalogue entry of the collection in question. Where there is doubt, identified through the use of "(?)" or a statement that the 'stylistic' quality of a piece suggesting that it was made in a particular region, the provenance has been left blank. By contrast in Chapters 4, and 5 the material from specific hoards and provenanced sites will be studied in order establish regional and chronological trends. These pieces have specific geographic coordinates and chronological periods, making it possible for more focused questions to be asked and answered regarding the gems and jewellery. Of the 10,726 total pieces, 5,010 have a known provenance, representing 47% of the total dataset, a reassuringly high number of pieces when one considers how often one sees 'Unknown Provenance' on the museum label of an engraved gem or piece of jewellery. The inclusion of regional studies, hoards, and collections from Pompeii and Herculaneum represents a bias in itself, as this dataset was built first with consideration for depth and breadth, but also designed to enable the study of provenanced pieces so as to draw conclusions regarding specific regional and chronological preferences.

The central dataset is large enough that any errors would be curbed, and any quantitative conclusions based on both provenanced and unprovenanced pieces would be probabilistically secure, as any inaccuracies would not be mathematically significant. This is particularly relevant to the second challenging facet of researching gems and jewellery: chronology, which is not usually capable of

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[294] The collection of Ptolemaic jewellery sold to the Getty Museum by Barbara and Lawrence Fleischman in 1992, described in Michael Pformmer's 2001 book *Greek Gold from Hellenistic Egypt*, was the subject of an extensive technical and stylistic study by Jack Ogden, which concluded that the ensemble was of Hellenistic Egyptian workmanship.

misidentification (except in the case of forgeries), but rather subject to general inaccuracy as often pieces are catalogued only to a date range of several centuries, and as is the case in the absence of a strict provenance, chronology is most often identified through a stylistic analysis. The chronological range of the material catalogued in the central dataset spans 500 years, from the 1st century BC to the 4th century AD. This date range was selected in order to include material from the Augustan period through to the end of Theodosius' reign in AD 395, as there is a marked decline in gem usage during the 3rd and 4th centuries AD. As many pieces have broad chronological date ranges, the probabilistic distribution method ensures that chronology, though lacking in precision, can still present an informative datapoint by which the material can be studied.

The last challenging element of gem and jewellery study relates to gem identification, or misidentification as is sometimes the case. The scale of the central dataset ensures that while there may be some gems in the catalogue whose stones have been mis-identified, the vast number of pieces being studied, and the broad parameters of this study, mean that any mis-identified material will not be mathematically significant or cause significant statistical errors. By tracking trends and identifying commonalities, gem identification can be used as an analytical parameter of the thesis.

This chapter, focusing on the subset consisting of engraved gems, blank gems, and finger rings, is affected by the aforementioned biases, blank gem bias, broad chronology, unknown provenance, and incorrect gem identification. The biases notwithstanding, this particular subset is relevant as it represents the most common typology of ancient gem and jewellery study and ensures parity amongst comparable datasets. The 8,897 engraved gems, 1,245 finger rings, and 130 blank gems, totaling 10,272 pieces, represents the largest gem and finger ring study to date, enabling the following questions to be asked, and answered:

1. What broad trends in rarity, sources, and supply can be identified?

2. Which stones are more common, and which are rare across a broad periodization?

3. Is there evidence to suggest differential gem selection, and, if so, do these relate to chronological or geographic factors in the Roman gem trade?

4. Are there patterns of gem usage related to jewellery type?

The conclusions garnered from this chapter addressing engraved gems, blank gems and finger rings, will be broad and aim to sketch a general picture of gem usage during the period in question, providing a comparative backdrop to the more focused studies in later chapters relating to particular regional and provenanced subsets.

Broad Trends in Rarity, Sources, and Supply Relating to Engraved Gems, Blank Gems, and Finger Rings

The most common stones in use during the 1st century BC through to the 3rd century AD are varieties of chalcedony; carnelian, jasper, onyx, sardonyx, and agate. The 4th century AD diverges from the patterns observed during the four previous centuries in that gem usage lessens in favor of glass. The decline in gem use during the 4th century AD is observed across all gem types, causing a disruption in the previously observed usage trends. Carnelian is still the most common stone, but garnet, considered during the previous four centuries to be a 'rarer' stone, is now the 4th most common gem in use.[295]

The five varieties of chalcedony that are principally used during the period in question are not equally distributed in use or chronology. Carnelian represents 43% (4,359 pieces) of the engraved gems, finger rings and blank gems for this period, jasper makes up 15% (1,566 pieces), onyx represents 13% (1,340 pieces), sardonyx is 9% (871 pieces), and agate is 6% (579 pieces). Chronologically, the five gemstones share a similar pattern with a significant increase in use from the 2nd-1st century BC, which relates to the opening of routes and an increase in trade between Rome and the east, as well as the continued access to Egypt as a trading partner and imperial province. All but sardonyx continue to increase in use during the 1st century AD and subsequently carnelian and jasper see a continued gradual increase from the 1st-2nd century AD, while onyx, sardonyx and agate show a decline in usage through to the 4th century AD. Carnelian and jasper exhibit a decline from the 2nd-3rd century AD with a swift drop during the 4th century AD (Fig. 41).

The drop in use of gems from the 3rd to the 4th century AD is clear for every gem type in this study, which correlates to what is observed as the rise of glass being used to mimic the gem component in engraved gems and rings.[296] The rarer gems track the pattern of the five most common stones—the varieties of chalcedony—somewhat more erratically, with less commonness in their rise and fall across time (Fig. 42).

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[295] The pattern of garnet usage during the 1st century BC to the 4th century AD is discussed in greater length later in this chapter.

[296] Guiraud 1988, 71-72; Marshman 2016, 77; Thoresen 2017, 169. Thoresen related the rise of metal signet rings, glass gems, and the re-use of earlier engraved gems to the decline in glyptic production during the Crisis of the Third Century (AD 258-284), characterizing the abrupt end of the near continuous production of quality engraved gems since the Hellenistic period.

It should be noted that because of the smaller sample size of these stones, any shift and change appears more drastic.

Which stones are more common, and which are rare across a broad periodization?

Table 3.3, which shows the number of each gem type by century, offers a more nuanced view of how each gem type rose and fell in use during the centuries that are the subject of this study. Due to the broad chronological ranges of many of the pieces in the dataset, the probabilistic distributive method yields a comparative view of the gem type within the context of a particular century.

Table 3.3 Probabilistic chronological distribution of gems from the 1st century BC through the 4th century AD. The peak in use for each stone is identified in bold and numbers higher than 2 have been rounded to the nearest integer.

STONE	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	Total # of Blank, Engraved Gems, & Finger Rings
Carnelian	995	1080	**1250**	855	109	4359
Jasper	94	386	**658**	394	37	1566
Onyx	163	**467**	395	260	40	1340
Sardonyx	**259**	234	178	146	20	871
Agate	149	**224**	114	73	8	579
Chalcedony	88	**203**	140	99	9	557
Amethyst	68	**132**	59	35	11	312
Garnet	65	**66**	47	51	37	277
Chrysoprase	14	**55**	47	24	2	142
Lapis Lazuli	4	14	26	**35**	5	86
Emerald	5	**24**	11	13	8	62
Sapphire	2	6	6	**20**	2	36
Aquamarine	5	**5**	3	2	0.5	18
Diamond	-	-	1	**9**	1	11
Pearl	0.5	3	0.3	**4**	1	8
Peridot	**1.1**	0.9	0.9	0.6	-	4
Turquoise	0.3	**2**	0.3	-	-	3

These findings support what scholars have observed: carnelian is the most common stone during this period;[297] the new information is where the remaining stones fall in order of commonness (Table 3.4).

TABLE 3.4. Stones in descending order of commonness according to century. Greyed-out stones are absent from the catalogued pieces dated to those centuries

1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD
Carnelian	Carnelian	Carnelian	Carnelian	Carnelian
Sardonyx	Onyx	Jasper	Jasper	Onyx
Onyx	Jasper	Onyx	Onyx	Jasper
Agate	Sardonyx	Sardonyx	Sardonyx	Garnet
Jasper	Agate	Chalcedony	Chalcedony	Sardonyx
Chalcedony	Chalcedony	Agate	Agate	Amethyst
Amethyst	Amethyst	Amethyst	Garnet	Chalcedony
Garnet	Garnet	Chrysoprase	Amethyst	Emerald
Chrysoprase	Chrysoprase	Garnet	Lapis Lazuli	Agate
Emerald	Emerald	Lapis Lazuli	Chrysoprase	Lapis Lazuli
Aquamarine	Lapis Lazuli	Emerald	Sapphire	Sapphire
Lapis Lazuli	Sapphire	Sapphire	Emerald	Chrysoprase
Peridot	Aquamarine	Aquamarine	Diamond	Diamond
Sapphire	Pearl	Diamond	Pearl	Pearl
Pearl	Turquoise	Peridot	Aquamarine	Aquamarine
Turquoise	Peridot	Turquoise	Peridot	Peridot NA
Diamond NA	Diamond NA	Pearl	Turquoise NA	Turquoise NA

Proportionally, the quantity of carnelian engraved gems, blank gems, and finger rings across all five centuries is nearly three times as high as the next most common stone (jasper), steadily increasing in use until the 2nd century AD, and then declining gradually through the 3rd century, and swiftly dropping in the 4th century AD (Fig. 43). This pattern corroborates what has been observed from the archaeological studies of the Indian deposits,[298] as well as what has been said regarding Garamantian carnelian and the intensification in its trade during the late-1st-2nd century AD, after the acquisition of the North African territory with the conquest of Carthage in 146 BC.[299]

Jasper is relatively rare prior to the 1st century BC, linking its use with the expansion of the Roman empire.[300] It sees a notable increase in use during the 1st century BC-2nd century AD, experiencing a decline in the 3rd century AD and swiftly drops in the 4th century AD (Fig. 44). Of all the possible colour varieties

[297] Tomber 2008, 85; Austen 2010, 15.

[298] Devoto and Molayem 1990, 34.

[299] Wilson 2012, 416, 449. More on Garamantian carnelian and its trade can be found in Chapter 2 of this thesis.

[300] Devoto and Molayem 1990, 42.

(red, green, heliotrope, yellow, black, orange, white, and grey), when varieties can be identified red jasper is the most prevalent,[301] followed by green jasper, and then heliotrope (bloodstone).

Onyx and sardonyx, both banded varieties of chalcedony, remain near the top when considering the commonness of particular stones during the period in question. Sardonyx with its alternating white, brown and reddish bands was the second most common stone during the 1st century BC, which could be read as a vestige of its commonness during the Hellenistic period (Fig. 45).[302] Known examples slowly decline in numbers until the 3rd century AD and fall sharply in the 4th century.

Onyx, with its black, white, and sometimes reddish bands, was the second most common stone during the 1st and then 4th centuries AD. Its commonness during the 1st century AD could be attributed to the increase in trade with the East, and the access granted to Arabian ports that were trading Indian onyx. The sharp decrease in onyx usage in the 4th century AD could be explained by the notable downturn in Indo-Roman trade via the Red Sea after AD 270.[303] Suffice it to say that save for a strong continued preference for carnelian, and the rise of the use of glass for engraved gems and rings in the 4th century AD, any further conclusions regarding the use of onyx are limited in scope (Fig. 46).

Agate, with its varied pale palette, saw a rise in its use during the 1st century AD, but its use in engraved gems and finger rings did not experience any great shift during the 1st century BC-3rd century AD, only experiencing a striking decline in the 4th century AD, in line with the other gemstones (Fig. 47).

Of the less common gemstones, 92% of amethyst (312 of 339) are catalogued as engraved gems, blank gems, or finger rings. The use of amethyst peaked during the 1st century AD, a rise that could be explained through the exploitation of amethyst mines in Egypt, which were in use from the 11th Dynasty onward and under Roman control till late in the 3rd century AD, though to what degree the different mines were producing is at this time not entirely clear (Fig. 48).[304] Previous quantitative research on gems from the 3rd-1st century BC identified that amethyst dating to the Ptolemaic period was well represented in jewellery with gems, suggesting that perhaps in addition to India and Sri Lanka, the mines in the Wadi el-Hudi region in Egypt's Eastern Desert were active during the Ptolemaic-Roman period. Any decline due to the Egyptian mines being exhausted during the late 1st- early 2nd century AD, was only partially made up

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[301] Devoto and Molayem 1990, 128.

[302] Although out of the scope of this thesis, during the 3rd-2nd century BC sardonyx was frequently used in jewellery and during the 3rd century BC it was used as often as carnelian in Ptolemaic jewellery.

[303] Ward-Perkins 2005, 102-120; Wilson 2009a, 24.

[304] Shaw 2000, 224; Harrell et al. 2006, 137. Evidence for activity at the amethyst mines at Abu Diyeiba comes in the form of pottery dating from to the Ptolemaic and early Roman period, mostly the 1st c century BC-1st century AD with some other examples from the mid-2nd century AD. The surface pottery from the gold and amethyst mines and settlements at Wadi el-Hudi has been broadly dated to the late Roman and Byzantine periods while the pottery found at the gneiss and quartz quarries of Gebel el-Asr date to the Middle Kingdom and Roman period.

for by the import of amethyst from the eastern markets in India and Sri Lanka and import that was active but limited.

Garnets, with 277 of 393 (70%) of the catalogue being engraved gems, blank gems, and finger rings, were a gemstone that was in heavy use during the Hellenistic period and saw continued use during the early Roman Imperial period with a slight waning thereafter (Fig. 49).

Thoresen noted a resurgence during the Severan (AD 193-225) and Constantinian (AD 313-363) dynasties, and this is corroborated with respect to the Severan, but disputed by the probabilistic data when discussing the Constantinian period.[305] There is a gradual increase of garnet usage during the 1st century BC-1st century AD, peaking during the 1st century AD, declining slightly during the 2nd century AD, increasing again in the 3rd, and then declining again in the 4th century AD. The resurgence Thoresen tracks during the Severan period is corroborated by the gradual, but identifiable increase in garnet usage during the late 2nd to early 3rd century AD, but there is not a resurgence of garnet during the 4th century AD—although there is much less of a decline in its use than in the use of other gemstones, perhaps because much garnet was sourced from within the empire, and so garnet use was less reliant on eastern external trade than was the use of many other gemstones. Using the probabilistic data there is a 27% decline in garnets from the 3rd to the 4th century AD (Table 3.3). What Thoresen views as a resurgence is in actuality the decline in usage of other gems, in particular jasper and sardonyx. While the use of garnets use was decreasing, their drop in use is less than that of the two chalcedony types, meaning that the comparative decline of these three gemstones makes it appear as if there was an increase in the use garnet during the 4th century AD. Garnet was the fourth most common stone during that time, but there is still a decline relative to its past use.

Chrysoprase, the rarest chalcedony type in this study, was prized for its varied green colour,[306] and was used in a variety of jewellery types, the most common of these being engraved gems (125 total pieces), and 12 finger rings. The use of chrysoprase was limited during the 1st century BC, rising steeply during the 1st century AD, experiencing a slight decrease during the 2nd century AD, with a consistent decline during the 3rd and 4th centuries AD (Fig. 50). The rise in chrysoprase use during the 1st century AD noted through the probabilistic distribution of the catalogued pieces offers nuance and corrections to the trend of usage presented by modern scholarship.[307] Thoresen noted the disappearance of chrysoprase in the early 2nd

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[305] Thoresen 2017, 176.

[306] *NH* XXXVII. 109 *prasiodes* (leek like), *chrysopteron* (golden feathered). *NH* 37.113-114 *prasius* and *chrysoprasius* (golden prase), *limoniatis* (meadow stone).

[307] Lüle-Whipp 2006, 115; Platz-Horster 2010, 179-202; Thoresen 2017, 199-200. Platz-Horster explored the difficulties in identifying and cataloguing chrysoprase due to the different naming conventions in her 2010 publication. Because chrysoprase has been catalogued as not only chrysoprase, but also chalcedony, green chalcedony, prase, and plasma by modern scholars, it is possible that there are other examples of chrysoprase that have been counted under diverse types of stone. That said, scholars agree on the fact that it is a rare variety of

century AD, a brief revival from the late 2nd to mid-3rd century AD, and it subsequent disappearance in the 4th century AD.[308] The probabilistic distribution study identified a different pattern altogether (Table 3.3). A small number of chrysoprase pieces were dated through to the 4th century AD, and the disappearance that Thoresen identified in the early 2nd century AD and subsequent revival in the late 2nd-mid 3rd century AD does not appear to be represented[309]. The probabilistic distribution study offers us the opportunity to view a far greater assemblage of stones from a chronologically equitable perspective, an endeavor that has not been conducted on this material or at this scale before and is not hampered by the limitations of a particular scholarship or grouping of stones.

Lapis lazuli sourced in Afghanistan and shipped by sea out of Barbarikon or transported overland via Parthia, is relatively rare in Roman-period jewellery with only 100 pieces in the central dataset, 86 of which are engraved gems and finger rings (no blank gems). The low incidence of lapis lazuli during this time could be because of its limited availability, with only one confirmed source, the Sar-e-Sang mines, though its colour and structure could also account for it being less favoured. While disparaged by ancient writers because of its poor crystalline structure and inclusions, the central dataset is evidence that lapis lazuli was primarily used for engraved gems.[310] The rise and fall in use of lapis lazuli during the five centuries in question is striking, though the small dataset of 86 pieces makes any change in use quite visible. Peaking during the 3rd century AD, the small but consistent presence of lapis lazuli in the Roman engraved gem and finger ring catalogue suggests that while there is still doubt regarding its sourcing,[311] the trade between the East and West, especially through the shipments sent to Barbarikon and then loaded on to boats travelling across the Erythraean Sea, was active and steady until the 4th century AD when its use declines considerably. (Fig. 51).

Emeralds were rare during the Hellenistic period, and a rise in emerald sourcing, trade, and subsequent use in Roman period jewellery and engraved gems was probably due to the expanded eastern trading network and the Egyptian emerald mines of Mons Smaragdus coming under Roman administration. What is unclear in modern scholarship is to what degree emerald use increased during the Roman period, though Sidebotham et al. cited surface ceramics as proof of Roman activity at the emerald mines of Mons Smaragdus being limited to the 1st century AD.[312] While Harrell and Thoresen identify it as a major export

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chalcedony, suggesting that any cataloguing errors in the identification of chrysoprase would not change the order of chalcedony usage during this period.

[308] Thoresen 2017, 199.

[309] The presence of chrysoprase dated to the 2nd century AD and the decline from the 2nd to the 3rd AD challenges Thoresen's assertions regarding chrysoprase dating which are presented with no citations or explanation, though a finer chronological resolution may be needed to fully understand chrysoprase using during this time.

[310] *NH* XXXVII. 120.

[311] Herodotus, *The Histories* 3. 39-52. Other possible sources include south central Iran and the Chagai Hills of Pakistan, though to what degree, or if these were active during this period, is still unknown.

[312] Sidebotham et al. 2001, 140.

good during the 1st century AD,[313] what is evidenced in the central dataset suggests otherwise, a conclusion that could only be reached when comparatively addressing emeralds within the wider context of Roman period gems (Fig. 52).

With only 182 examples, emeralds represent less than 2% of this entire dataset. Only 34% of emeralds are engraved gems, blank gems, or finger rings, making it one of the few stones whose representation in this time is primarily in other jewellery types.[314] The dataset does corroborate what Harrell and Thoresen have said regarding a surge in the 1st century AD, as the probabilistic study identifies a notable peak in emeralds dating to the 1st century AD (Table 3.3).[315] The published conclusion that emeralds represented a major trading good may be accounted for by their visibility in Roman-period art from Egypt.[316] With the majority of emeralds from this period represented by earrings and necklaces (49 and 48 pieces respectively), and the notable presence of emeralds in Fayum portraits depicting these jewellery types, one could argue that emeralds were well-represented in art,[317] and for this reason, scholars have viewed it as a major good traded during this period.

The range in colour and degrees of translucency in the emeralds catalogued in the central dataset exposes a wide range of possible sources but also uses. Translucency and clarity of colour were favoured qualities in antiquity, but as observed here, both banded and solid-coloured chalcedonies were the predominant gem types in use at the time. The material variety in Roman period emeralds could account for its representation across many jewellery types, as the different varieties of emerald (translucent, mottled, or opaque) suited different types of settings.

Sapphires and diamonds are two of the four stones that experienced their apogee during the 3rd century AD, a period characterized in general by declining gem usage and leading into a period of scarcity (Fig. 53).[318] Both gem types are rare in the broader Roman archaeological record, but diamonds are extremely rare with only 11 examples known, as compared to 72 sapphires. The trade in and use of sapphires correlate with a thriving eastern maritime and overland network developing during the 1st-3rd centuries AD. Diamonds appear quite late in the timeline, with a single example dating to the 2nd century AD, 9 in the 3rd,

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[313] Harrell 1999, 2004, 2006; Thoresen 2017, 183.

[314] Emerald, turquoise and pearl are the only gem-types that have a minority of their catalogue represented by engraved gems, blank gems, and finger rings. Emeralds and pearls are often paired in Roman necklaces and are the most common gem-pearl pairing found on the Fayum funerary portraits (discussed in Chapter 6).

[315] Harrell 1999, 2004, 2006; Thoresen 2017, 183.

[316] Tomber, 2017, 535.

[317] A continued analysis of gems and Fayum portraits can be found in Chapter 6, though it should be noted that the material catalogued to the Egyptian province and discussed in greater detail in Chapter 5, demonstrates that while one might view the Fayum portraits as reflections of the gems available in Egypt, the archaeological record suggests otherwise. The material provenanced to Egypt catalogue has no emeralds, though that assemblage has its own challenges, the biggest being that the Egyptian catalogue is limited in scope and scale.

[318] Lapis lazuli and pearl are the other stones that peak in the 3rd century AD.

and only one in the 4th century AD. Both gem types are hard and difficult to use sapphire is slightly softer, and possible to engrave, which could account for its varied use in all jewellery types, while the 11 diamonds were set in their original crystalline form in rings.

Aquamarine, pearl, peridot, and turquoise, the last four gems in this study, offer differing points of analysis regarding rarity in this period.

In comparing what has been said by scholars of the sources for aquamarine and the dates of the 19 pieces in the central dataset,[319] the consistent use of aquamarine in the 1st century BC through the 1st century AD suggests that the sources identified by Pliny in India and the Ural Mountains could account for the early Roman pieces. Its decline in use during the 2nd-4th century AD could signify that the mines were exhausted, and/or that other possible sites, Burma, and Sri Lanka, were not as productive (Fig. 54). The translucency and brilliant colour of aquamarine made it ideal for gem engraving, and this bears out in the dataset as the majority of Roman period aquamarine 18 of 19 (95%) was used for engraved gems, blank gems and finger rings.

Pearls, with their soft nacre, are traditionally not included in studies of Roman engraved gems as their physical characteristics are not well suited for engraving or heavy surface wear that would occur with rings. That said, there are 12 pieces that fit the parameters of the Chapter 3 dataset: 6 pearl finger rings, 1 engraved gem, and 1 blank gem. The engraved and blank gems identified as pearls are a cataloguing anomaly as pearls themselves were never engraved, instead what the original cataloguer identified as engraved pearl were in fact mother-of-pearl, and as such have been excluded from the analysis. When one considers the survival bias present with pearls due to their delicate composition, the 10 examples are significant as the majority of this gem type were used in earrings (96 pieces) and necklaces (23 pieces).[320] The chronological distribution of the pearls in this subset shows a relative increase in pearls being set in finger rings starting after the 1st century BC, disappearance in the 2nd and a reappearance in the 3rd century AD (Fig. 55), which coincides with a rise in their use in other jewellery types, principally earrings and necklaces. This is evidenced in the pervasive use of pearl jewellery in Roman artistic depictions across the empire and its provinces from the 1st century AD onward.

Pliny notes that turquoise and peridot shared a blue green colour, though he made it clear that the similarities ended there with turquoise being of lower value, flawed in its structure Lacking any transparency.[321] The last two of the rare gem types in this study could not be more different. Though sharing a similar place in the colour spectrum, peridot and turquoise are opposites. Peridot exhibits a

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[319] *NH* XXXVII. 75-76; Sinkakas 1981; Rapp 2009, 97.

[320] Pearls feature prominently in non-ring varieties of jewellery depicted on the Fayum portraits (discussed in Chapter 6) and are most commonly paired with emeralds.

[321] *NH* XXXVII. 33.110-112.

brilliant clarity and its surface and colour are the ideal backdrop for crisp and defined engraving, while turquoise's opacity and porous structure necessitated a rougher touch to transform it into an engraved gem.

The low incidence of Roman period peridot (four engraved gems) and turquoise (three engraved gems) is in great part due to scarcity. The scant presence of peridot in the Roman archaeological record could be explained by the limits of availability as it was sourced from a single site: Zabargad island opposite Berenike off the coast of Egypt. There is evidence that the mines were exploited during the Ptolemaic and Roman period, but these were under strict state control,[322] and if the archaeological record is to be believed, not very productive. Harrell and Bloxam conclude that mining activity on Zabargad was closely aligned with the rise and fall of Berenike's fortunes, as the port city was likely the source of the manpower, supplies and trading site that would have been needed to make the mine viable.[323]

The very small numbers of peridot gems, all of which are unprovenanced, makes the tracking of any geographical or chronological trends difficult. The absence of any material from the 4th century could be viewed as evidence that the mines were to a degree active only during the 1st century BC - 2nd century AD, and that material was shipped through Egypt and possibly worked in Berenike.[324] Evidence of the Roman administration paying off the Blemmyes to protect their trading routes in the Eastern Desert, an arrangement which disintegrated after the capture of Egypt by Zenobia in 270 and the withdrawal of garrisons from the forts on the desert routes, leaving the Blemmyes in effective control of the desert,[325] supports the theory that Berenike was almost abandoned by the late 3rd-early 4th century AD, striking a blow to the Eastern Roman trading network. The fractional probabilistic analysis of peridot could be interpreted as evidence of what scholars have said regarding mining activity on Zabargad, but any further analysis of the four pieces across five centuries would be applying the evidence toward unsound conclusions (Fig. 56).

Turquoise suffers from material challenges, as discussed earlier, but also limited sourcing, making it the rarest gem in the Chapter 3 dataset with only three pieces, one dated broadly to the 1st century BC-2nd century AD, and the remaining two dated to the 1st century AD (Fig. 56). This exceedingly small sample size substantiates what has been thought regarding the Egyptian turquoise quarry sites at Magharah and Serabit, which were inactive during the Ptolemaic and Roman period,[326] making Ma'dan in north-eastern Iran the probable sourcing for the engraved turquoise gems in this study.[327] Scholars are unsure to what

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[322] Harrell 2014, 16. More on peridot sourcing and mining can be found in Chapter 2 of this thesis.

[323] Harrell and Bloxam 2010, 18-22

[324] Harrell and Bloxam 2010, 18-22; Harrell 2014, 16-30; Fournet 2018, 14.

[325] Brun 2018b, 34-35.

[326] Lucas and Harris 1962, 202-205, 404-405; Harrell 2012, 6.

[327] Wendrich et al. 2003, 59.

degree this source was producing for export, though the 12 pieces of turquoise in the central dataset demonstrate variety in usage but not great availability.[328]

Analysis of gem usage from the 1st century BC-4th century AD in order to categorize which stones are more common and which are rare across a broad period has thus identified a number of trends and conclusions. The first is that during the Roman period there was a continued and robust representation of carnelian across all five centuries, followed by a fluid, but again hearty showing from other varieties of chalcedony: jasper, onyx, sardonyx, and agate. The commonness and widespread use of carnelian as well as the four other varieties of chalcedony is not a new discovery, but what is, is the degree to which carnelian far surpassed any other stone during this period, nearly three times as prevalent as the next gem type.

A look at gems across a broad periodization also identified shifts in usage from the Hellenistic to the Roman period, a rise in chalcedony types, a decline in garnet, the introduction of new gems in the form of sapphire and diamonds, and a view of which particular gem types were favoured for engraving, and which were better represented across wider jewellery styles.

Is there evidence to suggest differential gem selection, and, if so, does this relate to chronological or geographic factors born from Roman gem trade?

There is definitive evidence of gem selection during the Roman period in favour of chalcedony and many of its varieties. Carnelian, jasper, onyx, sardonyx, and agate compose 82% of the Roman period engraved gem, blank gem, and finger ring catalogue. In analyzing the 10,272 engraved gems, blank gems, and finger rings, we see a rise in use of the majority of the gems during the 1st-2nd century AD, which is due to the increase in availability of material arriving to the Roman markets. Because carnelian so vastly outnumbers its other gem counterparts, it should be removed from the discussion of differential gem selection, as it represents a category unto itself. Rich sources, active trade routes, and its usefulness for sealing with wax all help explain its overwhelming presence in the Roman gem archaeological record, though to what degree is quite striking.

When looking at the other chalcedony types (except chrysoprase) onyx, sardonyx, and agate all show similar patterns during the 1st century BC—4th century AD, suggesting a healthy supply of, and demand for, chalcedony, though the sharp increase in jasper usage during the 2nd century, nearly doubling its 1st-century AD numbers, is unaccounted for in the scholarship. Some authors identified a rise in

[328] Turquoise was found in a bracelet, diadem, three earrings, three engraved gems, and four necklaces.

heliotrope during the 2nd century AD,[329] and an increase in red jasper during the Imperial period, [330] both of which are supported by the quantitative data, but beyond these points, this near doubling of jasper dated from the 2nd century AD is unexplained.

As the majority of the Roman jasper whose colour was specified in published catalogues, was red,[331] and this type was sourced from Egypt and Persia, the spike during the 2nd century AD could be explained by the increase in use of the overland trading route that ran from Spasinou Charax to Palmyra, and if so, the subsequent decline in Palmyrene trade during the late 2nd-3rd century AD matches the decline of jasper identified through the probabilistic distribution in this study, thus providing a possible link that ties the rise and fall of jasper usage to the use of the overland trade route and the presence and viability of Palmyra as a trading centre and hub.

Any other evidence of differential gem selection made known through the quantitative data, particularly as to how it relates to the 'rarer' gems, can be linked to availability. Amethysts peaked during the 1st century AD, owing to mining activity at the Wadi el-Hudi mines, and the exhaustion of these during the late 1st -early 2nd century AD. Roman period peridot was rare because it was sourced from a single site that was under strict state control. Turquoise, though prevalent during the Dynastic and Ptolemaic period, was rare during the Roman, probably due to the exhaustion of the Egyptian quarrying sites of Magharah and Serabit, as such making Ma'dan in north-eastern Iran the probable source for Roman turquoise.

Are there patterns of gem usage related to jewellery type?

As the dataset studied here focused on engraved gems, blank gems, and finger rings, identifying patterns relating to jewellery type is relatively impossible because loose engraved or blank gems would probably have been set in a ring, though some examples of other jewellery types, like pendants, have been found to feature engraved gems as well. The majority of all but three gem types were catalogued as engraved gem, blank gem, or finger ring. The three exceptions, emerald, turquoise, and pearl were catalogued in higher numbers in other jewellery types. Emeralds and pearls were primarily featured in earrings, and turquoise in necklaces. The wide variety in colour and quality of the emeralds could account for their varied use in other jewellery

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[329] *NH* XXXVII. 105-106; Thoresen 2017, 186. Heliotrope represents less than 3% of the pieces catalogued as heliotrope or bloodstone, so it's noted rise in the 2nd century cannot account for the overall increase observed across all types of jasper.

[330] Devoto and Molayem 1990, 128.

[331] Most catalogues did not identify a particular type of jasper, while others shared a vague description of the possible colour, but this was accompanied by a black and white image, if any. The challenges faced when addressing the varying colours of jasper and how one compares to the other from a quantitative perspective, represents a cataloguing bias for this particular stone. That said, of the jasper that were conclusively identified by their colour, the most common was red jasper, and it too experienced a near doubling in number during the 2nd century AD, supporting the theory that the rise in jasper during the 2nd century AD was due to the expansion of overland trade through Palmyra.

types, while the delicate nature of pearls makes them better suited for threading rather than engraving. Turquoise with its waxy quality and often veined surface was not ideal for engraving but was well suited for being formed into beads. Cataloguing bias in favor of engraved gems accounts for a great dearth in the record of other Roman jewellery types, particularly blank gems, representing an area of study that more recent publications are aiming to correct but that requires renewed attention.

Conclusion

Analysis of Roman-period engraved gems, blank gems and finger rings presents a general picture of gem use during the 1st century BC – 4th century AD, identifying standards of commonness, rarity, use and chronology. The conclusions made here are purposefully broad so as to ensure that the foundational study addressing the largest catalogue of Roman gems to date does not go beyond what is allowed by the biases inherent in the dataset, and still presents the broadest and most encompassing parameters useful to addressing usage across the chronological, material and geographic limits set forth in the earlier part of this thesis. The focus of this thesis on the use of engraved gems, blank gems and finger rings responds to the fact that scholarship on Roman gems, and ancient gems in general, has been dominated by iconographic and stylistic studies of engraved gems and finger rings, with blank gems being a recently introduced addition to the field. The other jewellery types have been researched in scholarship on ancient metalworking techniques, individual collections, jewellery in art, and of course in larger museum and collection catalogues.

With a dataset of this size the emerging patterns of rarity and commonness offer a broader and more encompassing picture of gem usage across time and space. In bringing together material that had, up to this point, not been discussed together, the conclusions drawn here speak to Roman gem usage in a universal sense, rather than a regional, collection or typological sense confirming, correcting, and adding nuance to previously published scholarship on Roman gems.

The primary confirmations made regarding gem usage relate to commonness and rarity. Previous scholarship has identified carnelian and varieties of chalcedony as the most common gems in use during this period, and the analysis completed on the central dataset has confirmed this. The five most common gem types during the 1st century BC-4th century AD were carnelian, onyx, jasper, and agate, followed closely by sardonyx. These, particularly with carnelian, feature prominently in any catalogue that documents Roman gems from this period, confirming commonness as well as exploring the chronological shifts in use relating to the increase in trade with the east and the access granted to Arabian and Indian ports. The probabilistic distribution method permitted gem usage to be tracked across time in a comparable manner, identifying which stones were most common in what century, and in what century gem usage in the Roman Empire was at its zenith. We are now able to track which stones were most common and rare across the five

centuries, as well as how this information relates to what is known regarding Roman mining operations, trading practices and the geographic expansion of the Roman Empire. The 1st century AD was the apogee of 10 of the 17 gem classifications; and the 2nd century saw the peak in absolute numbers. Furthermore, the catalogued material proved that the 4th century AD was a period of decline in gem usage in jewellery, as glass rose in prominence as a cheaper and more readily available substitute.[332] Guiraud identified this shift as a 'preference for glass/nicolo pastes,' suggesting that during the 3rd century AD the trend was not due to an economic decline amongst consumers,[333] which with the closing of supply routes and decline of Indian trade via the Red Sea meant that glass presented the ideal material to use in place of gemstones.

Evidence of significant quantities of grain being distributed in AD 264 to nomadic tribes of the Eastern Desert of Egypt at the fort of Xeron Pelagos on the route from Coptos to Berenike, as well as large bread ovens needed to bake bread at the forts of Dios and Xeron Pelagos suggest that, under Gallienus, the Roman administration in Egypt was looking to ensure a good relationship with the nomadic tribes in the hopes of ensuring safe passage for caravans coming from Berenike to the Nile valley.[334] After the seizure of Egypt by Zenobia in AD 270, the Palmyrene units garrisoning these desert forts were withdrawn, leaving the Eastern desert open to subsequent incursions by the Blemmyes, culminating in the capture of Coptos in AD 279/280.[335] The Eastern Desert could no longer serve as a secure trading route, and Berenike, the key port in the network of trade with India, seems to have been almost abandoned for a while during the late 3rd century and the beginning of the 4th century. The impact on the availability of gems from this disruption to eastern trading networks seems clear in the 4th-century downturn in the graphs of chronological distribution of those gems sourced from the east.

Carnelian was the most common stone across all five centuries and numerically was nearly three times as frequent as the next most common stone. Jasper, in its many coloured forms, followed the rise of carnelian, albeit at a different pace, experienced a notable shift during the 2nd century AD. The rise in jasper during this time, particularly red jasper, coincided with the opening of overland trades route from Spasinou Charax to Palmyra, a geographically advantageous path for trading red jasper which was sourced in a few locations including Persia. Onyx and agate, the third and fifth most common stones respectively, have a rather unremarkable progression across time, most in use during the 1st century AD and then declining in the 4th century with the rise of glass. Sardonyx, the red-hued complement to onyx, saw its rise in the 1st century BC a trend explained as a vestige of past practices, which saw sardonyx frequently used in Hellenistic jewellery, so much so that during the 3rd century BC, it was used as often as carnelian in Ptolemaic jewellery.

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[332] This was not the case in Roman Britain, an irregularity that will be addressed in Chapter 4.

[333] Guiraud 2011, 127.

[334] Brun 2018, 34-35.

[335] Wilson 2015, 29.

The data aggregated from both the probabilistic distribution study and the central catalogue identified several points in past scholarship that bear revisiting, and in some cases correcting with additional information. The first relates to garnets and a resurgence in their use that Thoresen thought occurred during the Severan and Constantinian dynasties.[336] The resurgence of garnet during the Severan years is corroborated by the increase in use during the late 2nd to early 3rd century AD, but during the 4th century there was no such rise. As was noted with all gem types, the 4th century AD is a period of decline, and with garnet that decline was manifested by a notable drop in garnet usage from the previous century, a 28% decline when calculating using the data from the central catalogue. This suggests that instead of a resurgence in garnet, what Thoresen was tracking was instead the decline in usage of other gems and the comparative increase of garnet being used, making it the fourth most common stone during that time.

A second correction is needed with respect to past scholarship on chrysoprase which identified the disappearance of the gem in the early 2nd century AD, a revival in the late 2nd-mid 3rd century AD, and disappearance in the 4th century AD.[337] Instead of the drastic rise and fall of chrysoprase use that Thoresen tracked, the pattern demonstrated by the central dataset and the probabilistic study sees a rise during the 1st century AD, a slight decline in the 2nd and 3rd centuries AD with a small number of pieces dating to the 4th century AD.

The chronological data derived from the probabilistic distribution also nuances previous scholarship on amethysts and active mines. Amethyst use peaked during the 1st century AD with a sharp decline in amethyst usage during the 2nd-4th century AD, a trend which could be read as evidence that the Egyptian amethyst mines were not as productive during this period and that trade of an Egyptian good suffered during a period of political and social instability.

Past scholarship relating to lapis lazuli and engraved gems should be revisited as the data suggest that its crystalline structure was not in fact an impediment to engraving. Lapis lazuli consistently rose in use from the 1st century BC through the 2nd century and peaking during the 3rd century AD, with a small but consistent presence in the catalogued engraved gem and finger ring suggesting that although Pliny disparaged it as useless for engraving, it did feature primarily as an engraved gem, with 86 of the 100 catalogued pieces belonging to the engraved gem and finger ring category.[338]

The size of the central dataset permits the identification of broader trends which prove useful when conducting comparative analyses regarding commonness of gems. Previous research on Roman gems identified Egyptian emeralds as a major export good from Egypt during the 1st century AD,[339] but what is

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[336] Thoresen 2017, 176.

[337] Ibid., 199.

[338] *NH* XXXVII. 120

[339] Harrell 1999, 2004, 2006; Thoresen 2017, 183.

proven by the catalogued material is that emeralds represent less than 2% of the entire dataset, making them a rare material and not one that could be categorized as a major export. When viewing the 184 catalogued emeralds there is evidence that what scholars have concluded may have been based on what is visually apparent when studying Roman jewellery. Evident in the Fayum portraits and Pompeian frescoes are the women wearing gold and emerald adornments, primarily necklaces and earrings, the two most common jewellery types featuring emeralds. They do experience their peak during the 1st century AD, but this peak is only notable within its own sphere. The rise of emerald is immaterial when compared to that of onyx, agate, amethyst, garnet and chrysoprase, which all experienced their numerical zenith during the 1st century AD and outnumber emeralds by at least 2:1 as is the case with chrysoprase and 19:1 when looking at onyx.

The large dataset also makes it possible to differentiate nuances when looking at small groupings of rarer stones. Sapphires and diamonds are considered rarer stones in the greater assemblage of Roman gems and are often discussed together due to their hardness on the Mohs scale, although sapphires are more numerous than one would initially think with 72 pieces dated to this period compared to the 11 diamonds. They are both in the minority, with a peak during the 3rd century AD, though while sapphires see a slow buildup in use during the 1st-3rd centuries AD in great part due to the development of a robust eastern maritime and overland trading network, diamonds appear late in the Roman jewellery timeline with one piece dated to the 2nd, nine to the 3rd and one in the 4th century AD. When it comes to other stones, the large dataset corroborates what is observed in the consensus, where the four catalogued pieces of peridot are evidence of a stone that is rare due to its limited sourcing. The same can be said for turquoise with its small sample size of 12 pieces corroborating what has been thought regarding sourcing. The evidence here supports past theories that the Egyptian turquoise quarry sites which were thought to be inactive during the Ptolemaic and Roman period,[340] were probably exhausted, which meant that any Roman period turquoise would have come from north-eastern Iran or as an example of re-used material.[341] Due to cataloguing bias, turquoise appears even rarer than the 12-piece collection suggests as it is one of the few gemstones for which engraved gems and finger rings are the minority jewellery types.

The central catalogue presents the opportunity to identify and track trends in Roman gem and jewellery usage, setting out broad patterns relating to type, chronology, and sourcing. What is seen here represents a first look at the 10,000+piece dataset, taking into consideration its biases and inherent cataloguing challenges, ensuring that the conclusions made are proportional to the limits of the scholarship, speaking to past research and proposing new observations, corrections, and additions to the study of Roman gems.

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[340] Lucas and Harris 1962, 202-205, 404-405; Harrell 2012, 6.

[341] Wendrich et al. 2003, 59.

Chapter 4: Provenanced Gems from Roman Regions and Sites

This chapter is the second of three addressing catalogued material that represents the quantitative portion of the thesis. While the previous chapter addressed the Roman engraved gems, blank gems, and finger rings from the 1st century BC-4th century AD, totaling 10,272 pieces, this chapter is geographically focused, examining particular regions and sites of the Roman Empire, addressing *only* provenanced material, as opposed to material with an unknown or stylistically derived find-spot.

The catalogued material in this chapter will be addressed through a series of questions similar to those posed in the previous chapter, but with minor adjustments made in acknowledgement of the nuances characteristic of materials found in the provinces and in sites. At the outset the parameters and biases for the dataset and study will be identified with an examination of how these can affect the conclusions. Broad trends in rarity, sources, and supply will be studied, acknowledging any empire-wide as well as site-specific patterns. Lastly, the region and site assemblages will be chronologically examined in order to ascertain if there were any significant changes across time as well as any evidence for differential gem selection. As the provinces and sites have the same set of parameters of a known provenance, they represent a more secure dataset than the greater empire-wide assemblage, though less secure when compared to the material from the hoards which is discussed in Chapter 5.

The first dataset is compiled from published catalogues of engraved gems, blank gems, and finger rings from England and France.[342] The catalogues by Guiraud and Marshman represent dependable

[342] Guiraud 1988 and 2008; Marshman 2016.

provenanced regional studies of Roman gemstones informing us of the possible supply, or preferences for, gemstones in Gaul and Britain. A second study addresses the material provenanced to Egypt and explores how that catalogue compares to what is observed in the provincial studies. The Egyptian material catalogued in this thesis represents a small but significant dataset of Roman period jewellery from a major Roman province and trading hub. The Egyptian dataset differs from its French and British counterparts in that it is composed of material with a provenance based on excavation and stylistic attribution from collections across the globe. The works by Guiraud and Marshman catalogue gems with a secure excavation provenance catalogued in collections found within the geographic confines of the respective Roman provinces. Because of the limitations in cataloguing the material said to be from Egypt, a direct comparison of the Egyptian material to that from France and Britain would be somewhat misleading, and for this reason the Egyptian material will be discussed separately. The limitations present in material said to be from Egypt are primarily ones of attribution and provenance. Much of the material found in Egyptian collections has not been well catalogued making it difficult to reach a broader understanding of what is currently in Egyptian museum holdings. In the case with many of the Roman provinces, the greatest amount of provincial material is to be found within collections located in the original province, though the same cannot be conclusively argued for Roman Egypt. In a more general sense because gems and jewellery are often identified stylistically, much unprovenanced material has been catalogued as Roman Egyptian, blurring the line between stylistic attribution and true archaeological provenance.

Analysis of a third dataset narrows the focus even further from provincial collections to individual sites, addressing material catalogued from Caesarea Maritima, Carnuntum, Aquileia, and Xanten. The work by Amorai-Stark and Hershkovitz on the material from Caesarea Maritima,[343] by Dembski on the pieces from Carnuntum,[344] by Sena Chiesa on the gems from Aquileia,[345] and by Platz-Horster and Luckert on the stones from Xanten,[346] all represent valuable provenanced site catalogues from regions unaddressed in the previous provincial studies.

[343] Amorai-Stark and Hershkovitz 2016.

[344] Dembski 2005.

[345] Sena Chiesa 1966.

[346] Platz-Horster and Luckert 1987.

Parameters and Biases for the Regional and Site Datasets

The 3,648 engraved gems, blank gems, and finger rings discussed in this chapter represent provenanced material from three Roman provinces, three cities, one legionary fortress and one legionary base. Archaeologically verified provenance is the chief consideration used to build the datasets studied here, though the previously identified biases of stylistically assigned chronology, exclusionary cataloguing, and fallible gem identification remain as challenges in addressing the catalogued material. The chronological limitations and biases inherent in dating ancient gems, discussed in Chapter 1, remain, to a degree, present in the material catalogued here. As the engraved gems, blank gems, and finger rings are all geographically provenanced, there is a greater possibility of corroborative material being found within their original archaeological contexts, which assists in determining the date of a piece. Additionally, the dates of occupation for the provinces and sites provide a semblance of a *terminus post* and *ante quem* offering in the broadest sense a date range for the material. This, however, is not an infallible tool for dating, as the catalogued material is small, portable, and costly, making it possible to have been sourced, carved, and set well before the occupation of a geographic location. The use of the probabilistic distribution method to address chronology has been employed in this chapter to better assess any dating trends present. The bias of exclusionary cataloguing is starkly represented in the provincial and site studies as the more recently published catalogues have seen fit to include blank gems found on site, which the older publications do not. Additionally, certain regions and sites are probably over-represented due to archaeological site bias. From the perspective of assessing the profile of gems geographically, this suggests that there is a dearth of material relating to blank gems that were yet to be engraved or set. The catalogues for Caesarea Maritima and Carnuntum include blank gems, and thus offer an additional level of exploration in addressing what gems were likely to be engraved and why.

Lastly, the first step in studying the gem material from the provinces and sites begins with the gem identification, a subjective and often difficult step for the inexpert eye. As with any study on gems, there is a possibility of misidentification. Because the dataset studied here is smaller than the one addressed in the previous chapter, inaccuracies, if any, will have a greater effect, but may not be identified and therefore not visible in the results, a consideration that has been considered when drawing conclusions.

The findings made here are more specific than those in the previous chapter, as provenance is no longer in doubt, but remain broad in all other aspects, presenting a view of trends in gem usage across provinces and sites during the period in question. The individual regional and site studies offer an opportunity to compare geographic areas with the wider picture from the Roman Empire as a whole. This chapter intends to identify trends regarding regional preferences, access to gemstones, and how rarity

amongst gem types is manifested across the Roman territories, a previously unattainable comparison due to the lack of an empire-wide dataset of Roman gems.[347]

Gaul and Britain

The work done by Guiraud and Marshman in cataloguing material from Gaul and Britain presents a valuable foundation upon which to build a more expansive provenance and geographically focused study of Roman gems. The analysis in this section considers non-hoarded material from these two provinces; the hoarded material is considered separately, in the following chapter, as it constitutes material specially selected for concealment in antiquity. The non-hoarded material discussed here is more likely to represent the broader patterns of gem usage in these provinces.

Guiraud's 1988 and 2008 catalogues of Roman gems found in the area of Gaul within modern-day France present a comprehensive published assemblage of provenanced intaglios and cameos from this province. Guiraud's first publication describes and dates the objects, looking to identify any trends that would set this province apart from the rest of the Roman Empire. The second catalogue takes a more critical approach, adding to the initial catalogue of 1,015 pieces—bringing the total to 1,348—and focusing in more detail on provenance and the geographic spread of intaglios during the Roman period.[348] Guiraud's assemblage is composed of material found in surface finds and excavations of sanctuaries, necropolises, hoards, rural settlements, and sites, as well as urban sites that she defined through a wide variety of functions including wells, baths, roads, and cities. Once Guiraud's catalogues are divested of any non-gem material, the pieces are studied here from a material and chronological perspective. The number of provenanced gems from Gaul totals 628 pieces, consisting of 504 engraved gems and 124 finger rings. Guiraud includes the findings from various hoards in her catalogue, but these have been excluded from this chapter as they will be addressed in the subsequent analysis focusing on Roman coin hoards. Every piece in her catalogue has a provenance site in Roman Gaul, which is to say that there is no material included in her study that belongs to a French collection with an *assumed* provenance, a particularly important point when assessing geographic and chronological trends.

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[347] Marshman 2016, 144. Marshman conducted a comparative study of Britain, Gaul, and various other sites in his 2016 thesis, but his analysis was heavily focused on motifs and his material study was broad concluding that a 'comparable range of gemstones were used to produce the intaglios found in all assemblages.' When reviewing his results, the manner in which his data is presented makes any material-specific analysis impossible due to the illegibility of his bar charts, which are small and lack discernable markings to denote numerical quantities.

[348] Guiraud 2008, fig. 6.

Guiraud's 1988 catalogue is mostly devoted to iconography and style, tracking the evolution both stylistically and chronologically,[349] but in her 2008 publication the aspects of geographic context and materiality take a more prominently analytical role.[350] The map and accompanying table included in the 2008 publication locate and identify the commune and city for the pieces in the catalogue.[351] This data presents a new and privileged view of the geographic breadth of findings in France as well as the identification of what areas represent more plentiful discoveries than others. In making note of the archaeological context Guiraud was able to identify trends, including the abundant presence of glass intaglios and cameos in tombs,[352] the differences between rural and urban burial findings, and the high number of intaglios found in the Rhône-Saone corridor, the French Mediterranean coast, the valleys leading to the Rhine Limes and the Massif Central highlands.[353]

Having the archaeological context made it possible for Guiraud to address the material from a chronological perspective which supported a greater analysis of the stylistic evolution of Gallic gem iconography. For several sites, the proposed dates corresponded to the time of occupation. A *terminus ante quem* was established for hoards, some tombs, and sites that displayed evidence of fire.[354]

As seen in Table 4.1, the findings from Gaul match the pattern observed in the empire-wide catalogue with respect to the three most common gem types: carnelian (226 pieces), onyx (160 pieces), and jasper (110 pieces). The next most common stone is agate with 44 pieces, a notably smaller sample size suggesting that agate along with sardonyx (36 pieces), chrysoprase (20 pieces), amethyst (10 pieces), lapis lazuli (6 pieces), and garnet (2 pieces) all represent rarer gem types in Gaul.

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[349] Guiraud 1988 26-75.

[350] Guiraud 2008, 31-44.

[351] Ibid., 32-34.

[352] Ibid., 35.

[353] Ibid., 31.

[354] Ibid., 76-80.

Table 4.1 Gem Profile of Roman Gaul. Percentages above 1 have been rounded to the nearest integer.

Stone	Blank Gems	Engraved Gems	Finger Rings	total	% of total
Carnelian	-	189	37	226	35%
Onyx	-	121	39	160	25%
Jasper	-	86	24	110	18%
Agate	-	36	8	44	7%
Sardonyx	-	30	6	36	6%
Chrysoprase	-	19	1	20	3%
Chalcedony	-	7	7	14	2%
Amethyst	-	9	1	10	2%
Lapis Lazuli	-	5	1	6	1%
Garnet	-	2	-	2	0.3%
Emerald	-	-	-	-	0.00%
Aquamarine	-	-	-	-	0.00%
Diamond	-	-	-	-	0.00%
Pearl	-	-	-	-	0.00%
Peridot	-	-	-	-	0.00%
Sapphire	-	-	-	-	0.00%
Turquoise	-	-	-	-	0.00%
Totals		504	124	628	

Guiraud briefly addresses the materials before moving on to explore in detail the forms and styles of the intaglios and cameos provenanced to Gaul, as well as the distribution of finds across the territory. Her analysis tracked the evolution of Gallic glyptics as symbiotically linked with the progress of Roman civilization.[355] There was an expected correlation between a wider variety of gems in the urbanized regions as well as the areas of military occupation, while glass was more frequent in other parts of the province where access to gems was perhaps more limited.[356] Guiraud's study identifies blanks in the archaeological record in the West, Normandy, Armorica, and the mountains, which are viewed in the study as a resistance to the wave of Romanisation reflected in the relative absence of signet rings.[357] Another (and perhaps better) interpretation of this pattern could be that it reflects lower levels of personal wealth, lower levels of urbanization, and/or lower levels of literacy, and thus less use of signet rings to seal documents.

When addressing provenance and the client, Guiraud presents several conclusive points that speak to the general profile of gem use in Roman Gaul. The first is that the inscriptions and text featured on the gems identifies a primarily urban clientele, with a smaller number of high administrative, military, and

[355] Guiraud 2008, 80; 1988, fig. 21.

[356] Guiraud 2008, 31; 1988, 56.

[357] Guiraud 1988, 69.

merchant patrons.[358] The early period of occupation saw a more Hellenized profile in subject matter paired with a higher number of stones in circulation, which was followed by a period of simplified style and increase in glass intaglios and cameos.[359] In tracking Guiraud's assemblage via the probabilistic distribution method, the pattern that emerges identifies a gradual increase of gemstones from the 1st to the 2nd century AD with a greater variety of gem types in circulation during the 2nd century AD (see Table 4.2). The decline in the 3rd century is notable and in keeping with the empire-wide assemblage, subsequently followed by the expected drop in the 4th century AD that marked the rise in the use of glass that is present in all gem studies. Guiraud concluded that the waning gem-use was not caused by the economic decline of consumers, as the 3rd and 4th centuries AD were in her estimation financially resilient periods.[360] The analysis in the previous chapter of the empire-wide assemblage and recent discoveries regarding the chronology and protection of the trading routes of Myos Hormos and Berenike, supports Guiraud's conclusions as the decline in gems and subsequent rise of glass relates directly to the instability of trading routes during the late antique period and the closing of supply chains in the East.[361]

Generally, the rise and fall of gems across the five centuries in Gaul matches what is observed in the empire-wide assemblage, though the predominance of agate in the 1st century BC, and its swift decline by more than 50% in the 1st century AD, is significant. There are several ways that the shift in agate usage could be interpreted. The first is that as the majority of the engraved gems are dated stylistically, the iconography is guiding the dating. This is especially the case with the 44 agates from Gaul: only 8 are in finger rings that would offer a secondary stylistic data point useful for chronology. Another alternative is to view the strong representation of agate in the 1st century BC as a vestige of the popularity it experienced in the Hellenistic period. The presence of garnet in the early Roman imperial glyptic record is another example of a material preference holdover from the previous period.

[358] Ibid., 69-70.

[359] Ibid., 71-72.

[360] Guiraud 2011, 127.

[361] Brun 2018b.

Table 4.2 Probabilistic chronological distribution of Gems in Gaul. The peak in use of each stone is identified in bold and the numbers have been rounded to the nearest tenth.

Stone	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	TOTAL
Carnelian	59.8	56.7	**72.2**	31	3.7	226
Onyx	18.3	58.2	**58.8**	23.3	1	160
Jasper	5.8	34.1	**48.6**	19.6	2	110
Agate	**22**	10.3	7.8	1.8	0.5	44
Sardonyx	4	9.7	**12.2**	10.2	-	36
Chrysoprase	2.5	**11.7**	4.2	1.7	-	20
Chalcedony	2.5	2.8	**5.8**	2.3	-	14
Amethyst	3	**3.8**	1.8	1.3	-	10
Lapis Lazuli	1	0.7	0.7	**3.7**	-	6
Garnet	**1**	0.3	0.3	0.3	-	2
Aquamarine	-	-	-	-	-	-
Diamond	-	-	-	-	-	-
Emerald	-	-	-	-	-	-
Pearl	-	-	-	-	-	-
Peridot	-	-	-	-	-	-
Sapphire	-	-	-	-	-	-
Turquoise	-	-	-	-	-	-

Table 4.3, which tracks the commonness of each gem type in Gaul, identifies trends in availability and use, as well as noting the appearance and disappearance of certain gem types within the province. The dominance of chalcedony types seen in the empire-wide assemblage remains the same in Gaul, with the exception that the 4th century AD saw the disappearance of garnet and chrysoprase in that province. There are no examples of aquamarine, diamond, emerald, pearl, peridot, sapphire, or turquoise.[362] Save for the single emerald piece in the British assemblage, discussed in the following section, the gem types that are absent from Britain are the same, suggesting that there were geographic trading limits for certain types of stones, and/or evidence of a limit to the socio-economic breadth of the consumers in the western Roman Empire; the rarer types of gems perhaps scarcely penetrated outside the Mediterranean provinces.

[362] These gem types were not present in Guiraud's catalogue, but some do appear in the cataloguing of the material from the French hoards in the CHRE database. Examples of aquamarine, emerald, pearl, and sapphire were found in French hoards and are discussed in greater length in the subsequent chapter. The absence of emeralds and pearls from Guiraud's catalogue of engraved gems is explained by the fact that as evidenced by the empire-wide dataset (Chapter 3), emeralds and pearls (which were commonly paired in painted depictions of necklaces and earrings) are some of the stones whose majority are seen in other jewellery types, not engraved gems, blank gems, or finger rings.

Table 4.3 Stones in Order of Commonness According to Century in Gaul. Greyed-out stones are absent from the catalogued pieces dated to those centuries in Gaul.

1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD
Carnelian	Onyx	Carnelian	Carnelian	Carnelian
Agate	Carnelian	Onyx	Onyx	Onyx
Onyx	Jasper	Jasper	Jasper	Jasper
Jasper	Chrysoprase	Sardonyx	Sardonyx	Chalcedony
Sardonyx	Agate	Agate	Lapis Lazuli	Amethyst
Amethyst	Sardonyx	Chalcedony	Chalcedony	Lapis Lazuli
Chrysoprase	Amethyst	Chrysoprase	Agate	Sardonyx
Chalcedony	Chalcedony	Amethyst	Chrysoprase	Agate
Lapis Lazuli	Lapis Lazuli	Lapis Lazuli	Amethyst	Chrysoprase NA
Garnet	Garnet	Lapis Garnet	Garnet	Emerald NA
Aquamarine NA	Diamond NA	Emerald NA	Emerald NA	Sapphire NA
Emerald NA	Sapphire NA	Sapphire NA	Sapphire NA	Garnet NA
Peridot NA	Aquamarine NA	Aquamarine NA	Diamond NA	Diamond NA
Sapphire NA	Pearl NA	Diamond NA	Pearl NA	Pearl NA
Pearl NA	Turquoise NA	Peridot NA	Aquamarine NA	Aquamarine NA
Turquoise NA	Peridot NA	Turquoise NA	Peridot NA	Peridot NA
Diamond NA	Diamond NA	Pearl NA	Turquoise NA	Turquoise NA

Marshman's doctoral thesis,[363] which investigated the signet rings and intaglios of Roman Britain, can be viewed in part as a response to Guiraud's two seminal studies of engraved gemstones from Gaul,[364] and to Birley and Greene's 2006 quantitative study of jewellery from the Roman fort of Vindolanda.[365] Built on the *Corpus* assembled by Martin Henig in the 1970's,[366] Marshman sets out four research questions relating to the role of the wearer, sealing practices, socio-economic representation, and imagery. His 2016 thesis updates Henig's catalogue to include new material and resituated the signet rings and intaglios within their archaeological context as well as speaking to their decorative nature. At the outset of the study for this thesis, Marshman's catalogue of 2,012 pieces needed to be assessed to remove any pieces that did not have a gem component, which brought the total number of Romano-British engraved gems to 793, and gem-set finger rings to 311, totaling 1,104 pieces relevant to this study.[367] Marshman expanded the geographic parameters of Henig's original work to include areas that lay outside Roman control in an effort to draw

[363] Marshman 2016.

[364] Guiraud 1988, 2008.

[365] Birley and Greene 2006.

[366] Henig 1974, 1975, 1978.

[367] As Marshman's focus was on signet rings and intaglios, he did not include any blank gems in his study. The remainder of his catalogue is represented by glass and metal-only pieces.

comparisons on how signet rings and intaglios were used by geographically disparate communities. While there are additional pieces in the central catalogue that are provenanced to Britain, for the purposes of this chapter Marshman has been used due to his fastidiousness in identifying original archaeological context. Additionally, while Marshman does include the carnelian finds from the Snettisham Jeweller's Hoard, they have been excluded from this chapter as this single hoard would skew the findings for Britain, and it will be addressed in the subsequent chapter focusing on hoards.

As seen in Table 4.4, the finds from Roman Britain match the pattern observed in the empire-wide catalogue with respect to the three most common gem types: carnelian (519 pieces), jasper (264 pieces), and onyx (184 pieces). The next most common stone is chrysoprase with 35 pieces, a notably smaller sample size suggesting that chrysoprase along with sardonyx (25 pieces), amethyst (19 pieces), agate (15 pieces), garnet and lapis lazuli (4 pieces each), and emerald (1 piece) all represent rarer gem types in Britain.

Table 4.4 Gem Profile of Roman Britain. The percentages have been rounded to the nearest integer where possible.

Stone	Blank Gems	Engraved Gems	Finger Rings	total	% of total
Carnelian	-	372	147	519	47%
Jasper	-	219	45	264	24%
Onyx	-	108	76	184	17%
Chrysoprase	-	31	4	35	3%
Chalcedony	-	20	14	34	3%
Sardonyx	-	12	13	25	2%
Amethyst	-	15	4	19	2%
Agate	-	13	2	15	1%
Garnet	-	-	4	4	0.4%
Lapis Lazuli	-	3	1	4	0.4%
Emerald	-	-	1	1	0.1%
Aquamarine	-	-	-	-	0 %
Diamond	-	-	-	-	0 %
Pearl	-	-	-	-	0 %
Peridot	-	-	-	-	0 %
Sapphire	-	-	-	-	0 %
Turquoise	-	-	-	-	0 %
Totals		793	311	1104	

Though Marshman's research is focused on motif and iconography,[368] rather than a typological material study, he makes important deductions regarding the spread of signet rings across Britain and the foundation and development of the *civitas* centres; London and the *coloniae.* Similarly, he looked to establish chronological trends in some gem types, though when a probabilistic distribution is applied to his data, a different pattern emerges. Marshman notes that the number of carnelian intaglios increased over time to make up over 2/3 of the assemblage in the late 2nd-3rd century AD.[369] As can be seen in Table 4.5, carnelian is at its highest during the 2nd century AD, but sees a measured decline in the 3rd and a sharp drop in the 4th century AD. Even with the Snettisham hoard added back into the calculations, Marshman's resulting chronological conclusions regarding carnelian usage increasing at the end of the 2nd century AD are not observed. The Snettisham Jeweller's Hoard is dated to c. AD 155, an adjustment that if added to the probabilistic distribution chronology would only further emphasise the fact that the 2nd century AD was the apogee of carnelian use in Britain. Marshman also identifies the mid 2nd century as a period of extreme popularity for red jasper, so much so that it was more frequent than carnelian,[370] a conclusion that is disproven with the probabilistic distribution, with or without the inclusion of the Snettisham Jeweller's Hoard. Red jasper's prevalence above all other jasper types in Roman Britain matches what is observed in the empire-wide catalogue, and Marshman's discussion regarding colours of gems and glass paste brings up questions relating to the discussion of availability and desire, and how both correlate to rarer gem types. While the most common colours of gems are orange and red, the glass paste identified by Marshman is in varying imitations of onyx nicolo (grey/black/blue), evidence of an aspirational desire for this particular gem type. He further observed that onyx nicolo was the third most common gemstone across military sites.[371] When we consider this alongside the fact that these locations rather than the urban settings accounted for the majority of the rarer stones, evidence suggests that the military sites were richer in variety and rarity in part due to the greater mobility and varied social standing of their population, as well as the fact that soldiers received regular wages and thus had greater spending power. The military sites present a uniquely rich type for archaeological preservation and material variety, exhibiting a potential bias when comparing that material to what has been discovered in more urban settings. Marshman broadly identifies that with respect to signet rings, military sites represented the lowest percentage of surviving fragment/whole intaglios,[372] with the opposite being the case for loose engraved gems. To this end he charts the materials used to produce intaglios according to site typology: military and urban.

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[368] Marshman 2016, 144. Marshman addressed the types of materials used to make the intaglios in Britain and compared them to those used in other provinces by briefly stating that there were differences in the proportional use of stones in the disparate territories.

[369] Ibid., 102.

[370] Ibid.

[371] Ibid., 157.

[372] Ibid., 166. Signet rings from urban sites had a higher rate of survival compared to military sites, where only 29% of intaglios preserve a fragment or more of their rings. Marshman does identify a variance in survival rates with

When synthesizing his conclusions regarding gem type and provenance, Marshman makes the following observations regarding military and urban sites.[373] Carnelian was the most common gem at all urban sites, forts, fortresses, and industrial sites, except for Corbridge and the shore forts where red jasper was more numerous. Red jasper was the second most common stone at the urban and military sites, representing twice the provincial average. The differential percentage between carnelian and jasper is 49%, indicative of a material dominance in this region. Onyx nicolo was the third most common gemstone. Additionally, Marshman documents a much lower level of glass intaglios in military sites, suggesting that the soldiers had the best access not only to gems, but also rare varieties such as chrysoprase, amethyst, agate, garnet, lapis lazuli, emerald, and aquamarine.[374] Lastly, when comparing the extramural settlement finds to what was discovered within the forts and fortresses, there were distinct differences in the types of intaglios found.[375] Marshman noted a 40% increase in the proportion of glass to gem, and the same proportion but much smaller numbers of carnelian, red jasper, and onyx nicolo in extramural settlements, suggesting that those living in an extramural settlement were more likely to have a glass intaglio.[376] The material found in the urban centres was varied with glass making up a significant percentage of the assemblage with the exception of London. Carnelian was the most common gem, with red jasper and onyx nicolo alternating for second and third, their final tally dependent upon site. Onyx nicolo was more common than red jasper in London, but this is reversed in the other urban sites. Beyond the military sphere, any examples of the rarer gem types—amethyst, agate, garnet, lapis lazuli, and emerald—were likely to be found in London; though, when taking into consideration all of the varieties of urban sites, the use of moulded glass significantly outnumbered the use of real gemstones.[377] Marshman goes into detail regarding the geographic and socio-economic breakdown of the gems in Roman Britain, addressing how areas with lower excavation rates and more rural towns may have rejected urbanization and, through that, the use of signet rings which area phenomenon exemplified by the urban assemblages.

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respect to diverse types of urban site with 51% from London, 42% from forts (some forts may have had civilian settlements nearby which in time could have developed into *colonia*), and 37% from both town centres (*civitas*) and their environs.

[373] Ibid., 156-157.

[374] Ibid.

[375] Ibid., 157.

[376] Ibid., 157-158.

[377] Ibid., 164-165.

Table 4.5 Probabilistic Distribution of Gems in Roman Britain. The peak in use of each stone is identified in bold and the numbers have been rounded to the nearest tenth.

Stone	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	Total
Carnelian	10	154.8	**221.8**	123.3	9.3	519
Jasper	-	91.8	**137.3**	33.3	1.5	264
Onyx	0.5	**71**	67.5	35	9	184
Chrysoprase	1.5	**20.5**	11	2	-	35
Chalcedony	0.3	**18.3**	13.3	0.8	0.8	34
Sardonyx	2.3	**11.1**	6.8	4.3	0.3	25
Amethyst	1	**8.3**	7.1	2.1	0.6	19
Agate	0.5	**6.3**	4.8	2.8	0.3	15
Lapis Lazuli	-	1	1	**1.5**	0.5	4
Garnet	0.5	**2**	1	0.5	-	4
Emerald	-	**0.5**	**0.5**	-	-	1
Turquoise	-	-	-	-	-	-
Sapphire	-	-	-	-	-	-
Peridot	-	-	-	-	-	-
Pearl	-	-	-	-	-	-
Diamond	-	-	-	-	-	-
Aquamarine	-	-	-	-	-	-

Of interest is the large quantity of chrysoprase in the British catalogue representing a comparative anomaly when viewed against its place in the empire-wide dataset. The 35 examples, representing over 3% of the total gems in Roman Britain, may not seem like a terribly high number, but it is three times greater than the frequency in the empire-wide assemblage. This suggests a provincial and perhaps site-specific preference. Of the 35 pieces of British chrysoprase, 66% are from military sites, with nine of these from Caerleon, retrieved from the drain of the baths of the legionary fortress of *Isca Augusta*.

As the military sites evince a greater variety of gems, the higher instance of chrysoprase can be attributed to a population that could afford gem-set signet rings and was more mobile in terms of traveling between different regions of the empire. While military sites are themselves richer and more varied cross-sections of gem usage in Britain, the baths inherently represent a unique archaeological subset of material that was lost or dropped while changing or bathing. Gems and finger rings like those found in *Isca Augusta* would have been lost in the draining water and could not have been recovered in antiquity. In parallel with coins, gems and signet rings recovered from baths represent a truly unaltered view of high-value objects that were in circulation at the time but do bear an inherent bias when compared to the greater provincial assemblage due to the number and wealth of the visitors at a Roman legionary site. A further quantification of this is evidenced by the fact that there was more red jasper, amethyst, and chrysoprase found in the

drains of the Caerleon fortress baths than there were across all rural sites in Britain.[378] The assemblage here is very gem-heavy with 83% of the material represented by assorted gem types, including examples of the rarer varieties like amethyst, heliotrope (bloodstone), and chrysoprase. Of the remaining stones found in Roman Britain, sardonyx, amethyst, agate, and garnet peaked in use during the 1st century AD, emerald in the 1st-2nd century AD, and lapis lazuli in the 3rd century AD. Their numbers are small, making it difficult to argue any conclusions regarding use; though, across all gem types present, the 1st century AD appears to be the century with greater variety in gem type usage, while the 2nd century AD has the highest number of gems, but these were principally carnelian and red jasper. This chronological pattern of usage is identical to that observed in the empire-wide assemblage, save for sardonyx. The single chronological inconsistency of sardonyx peaking in the 1st century AD in Britain, rather than the 1st century BC as observed in the wider study, is explained by the dates of the Roman occupation of Britain.

Table 4.6, which tracks the commonness of each gem type in Britain, demonstrates important patterns of availability and use. Jasper, lapis lazuli, and emerald make their appearance in the British assemblage in the 1st century AD, a period notable for the relative commonness of chrysoprase. The peak of jasper use during the 2nd century AD is in line with what can be viewed in the empire-wide assemblage, suggesting that the overland trade routes that entered through Palmyra, and upon reaching the relative security of the Roman provinces, would then set out in different directions taking goods on to Antioch and the coastal Phoenician ports.[379] The creating of a diffuse network of commercial centres where Eastern goods, such as jasper especially red jasper, would have been transported by trade ships across the Mediterranean to the western Roman provinces.

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[378] Ibid., 177.

[379] Strabo, *Geography* 16.2.22-23; *NH* V.76-77; Young 2001, 149, 193-194; McLaughlin 2010, 102-103.

Table 4.6 Stones in Order of Commonness According to Century in Britain. Greyed-out stones are absent from the catalogued pieces dated to those centuries.

1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD
Carnelian	Carnelian	Carnelian	Carnelian	Carnelian
Sardonyx	Jasper	Jasper	Onyx	Onyx
Chrysoprase	Onyx	Onyx	Jasper	Jasper
Amethyst	Chrysoprase	Chalcedony	Sardonyx	Chalcedony
Onyx	Chalcedony	Chrysoprase	Agate	Amethyst
Agate	Sardonyx	Amethyst	Amethyst	Lapis Lazuli
Garnet	Amethyst	Sardonyx	Chrysoprase	Sardonyx
Chalcedony	Agate	Agate	Lapis Lazuli	Agate
Jasper NA	Garnet	Garnet	Chalcedony	Chrysoprase NA
Emerald NA	Lapis Lazuli	Lapis Lazuli	Garnet	Emerald NA
Aquamarine NA	Emerald	Emerald	Emerald NA	Sapphire NA
Lapis Lazuli NA	Sapphire NA	Sapphire NA	Sapphire NA	Garnet NA
Peridot NA	Aquamarine NA	Aquamarine NA	Diamond NA	Diamond NA
Sapphire NA	Pearl NA	Diamond NA	Pearl NA	Pearl NA
Pearl NA	Turquoise NA	Peridot NA	Aquamarine NA	Aquamarine NA
Turquoise NA	Peridot NA	Turquoise NA	Peridot NA	Peridot NA
Diamond NA	Diamond NA	Pearl NA	Turquoise NA	Turquoise NA

The commonness of carnelian, onyx, and jasper is an accepted fact when studying the provincial assemblages, though what represents a new area of research and offers additional points of comparative material analysis is the study of rarer gems, and their geographic reach. Neither Guiraud nor Marshman addresses the rarer gem types, focusing instead on the most common gems, and limiting the analysis of the rest by grouping them together as a single typology catalogued as 'other stones' (as is the case with Guiraud), or identifying them in the datasets and tables, but not exploring their significance and presence (as is the case with Marshman). These provincial catalogues broadly present the profile of gem usage in a Roman province, but their data necessitates additional exploration, especially as regards the rarer gems and what gems are missing. It is in these smaller assemblages of stones, and in the identification in material gaps related to geographies, that new conclusions regarding the breadth and variety of Roman gem consumption can be made.

The shared trend in what gems appear in both provinces, paired with the fact that Britain and Gaul were not themselves regions of gemstone mining,[380] provides evidence for trading patterns in the western region of the Roman Empire, as well as proof that the farthest points of north-western occupation had

[380] Guiraud 1988, 72; Marshman 2016, 30.

access to more or less the same range of gemstones. Both provinces had access to the varieties of chalcedony: carnelian, jasper, onyx, sardonyx, agate, and chrysoprase, as well as some of the rarer stone types: garnet, amethyst, lapis lazuli, and in the case of Britain, emerald.

In studying Marshman's data, it becomes evident that there were no examples of aquamarine, diamond, pearl, peridot, sapphire, or turquoise found in Roman Britain, which suggests that as a province Roman Britain did not represent a wealthy enough destination to warrant the rarer gem types. The same pattern exists in Guiraud's findings from France, a parallel that to a degree is not mirrored in the coin hoard findings discussed in the subsequent chapter. The absence of specific gem types within the British and French assemblages could reflect the limited financial ability of the patrons, but when paired with the results from the Coin Hoards of the Roman Empire (CHRE) project discussed in the next chapter, a more complete picture emerges. There is a definite geographical bias in that many regions of the Roman Empire did not have the same degree of access to the wide variety of available gem types which would have been accessible in the more cosmopolitan markets of cities like Rome or Alexandria. As will be addressed in greater length when discussing the assemblages from Egypt, Carnuntum, Caesarea Maritima, Aquileia, and Xanten, rarity is defined differently, though with respect to Britain and Gaul is sapphire, aquamarine, diamond, pearl, peridot, and turquoise.[381] In the subsequent chapter the data from the CHRE database shows pearls in a hoard in Roman Britain, and sapphires and pearls in hoards from Gaul, demonstrating that the material catalogued by Guiraud and Marshman does not fully represent the gem profile for these two provinces.[382] Additionally, the physical nature of a hoard provides protection against environmental elements affecting the survival of pearls, as well as being representative of a valued grouping of objects that were hidden due primarily to their worth. These characteristics could explain how sapphires, a rare and expensive stone, ended up in so many Gallic hoards, but in none of the catalogued material in France, nor in the material provenanced to Roman Britain, suggesting that sapphires reached Gaul but not Britain.

The Gallic assemblage shows the 2nd century AD as the period with the greatest variety in gem type and the highest number of gems. Britain differed in that the 1st century AD had the greatest variety and the 2nd century AD had the highest number of gems. This chronological pattern of an increase in the 2nd century AD is also observed in the empire-wide assemblage, though to a very slight degree. The increase in gems from the 1st to the 2nd century AD in Gaul was 13%, while in Britain it was 22%,[383] and across the empire it was 1%, suggesting that these provinces witnessed a particularly significant shift in gem usage in the 2nd century AD. The 2nd century AD saw the ascendancy of provincial markets with wine, pottery, oil,

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[381] Chapter 5 of this thesis provides a study of the data mined from the CHRE database and a discussion regarding pearls and sapphires in the hoards from Britain and Gaul.

[382] The CHRE databases were cross-referenced and removed from the Guiraud and Marshman catalogues so that there would be no circular analysis.

[383] The 1st century AD for Roman Britain is marked as starting in AD 43 and thus does not represent a full century of material.

and marble from Germany and Gaul, as well as garum and olive oil from Spain. With Italy importing a great deal of goods from outside its borders during the 2nd century, the higher number of gems in these provinces could reflect an increase in wealth and mobility of the Gallic and British populations.

Egypt

As one of Rome's main trading gateways with the East and the geological origin for several of the gem types addressed in this thesis, Egypt represents an important provincial case study to address on its own, and in response to the material from Roman Britain and Gaul. Egypt's archaeological and cataloguing record is fragmented, with much of the attributed material having limited or no provenance, though being stylistically identified as coming from Egypt. Egyptian museums have not joined their many counterparts in digitizing their catalogues, making it difficult to engage with their material, thus impeding the assemblage of Egyptian-provenanced jewellery with a known findspot. What results is a catalogue of 157 pieces, 131 of which are engraved gems and finger rings.[384] These pieces with a confirmed Egyptian find-spot were catalogued, and those that were merely attributed to Egypt stylistically, were not included for the reasons discussed in Chapter 1.[385] The engraved gems and finger rings dating from the 1st century BC to the 4th century AD represent a polarity in range with the majority represented by types of chalcedony (carnelian, jasper, sardonyx, agate, and onyx), with smaller groupings of garnet and lapis lazuli which should be considered as rarer gems (Table 4.7).

[384] The Egyptian assemblage has been compiled from pieces in the following collections: Fitzwilliam Museum, Cambridge; Kunsthistorisches Museum, Vienna; Antikensammlung, Berlin; Metropolitan Museum of Art, New York; Staatliche Antikensammlung, Munich; Hermitage Museum, St. Petersburg; Louvre Museum, Paris; British Museum, London; Cabinet des Médailles, Paris; Musée d'Archéologie, Paris; Alexandria National Museum; Royal Albert Memorial Museum, Exeter; Victoria and Albert Museum, London; Museum of Fine Arts, Boston; Ägyptisches Museum und Papyrussammlung, Berlin; Museum of Art and History, Geneva; as well as gems from Egypt belonging to private collections that were catalogued by Abd El-Mohsen El-Khachab in *The Journal of Egyptian Archaeology* (1963).

[385] Chapter 1, page 25.

Table 4.7 Gem Profile of Roman Egypt. The percentages have been rounded to the nearest integer.

Stone	Blank Gems	Engraved Gems	Finger Rings	total	% of total
Carnelian	-	36	2	38	29%
Jasper	-	28	2	30	23%
Sardonyx	-	17	2	19	14%
Chalcedony	-	10	3	13	10%
Garnet	-	5	5	10	8%
Lapis Lazuli	-	7	2	9	7%
Agate	-	6	1	7	5%
Onyx	-	4	1	5	4%
Sapphire	-	-	-	-	0%
Amethyst	-	-	-	-	0%
Aquamarine	-	-	-	-	0%
Chrysoprase	-	-	-	-	0%
Diamond	-	-	-	-	0%
Emerald	-	-	-	-	0%
Pearl	-	-	-	-	0%
Peridot	-	-	-	-	0%
Turquoise	-	-	-	-	0%
Totals		113	18	131	

As Egypt is mineralogically rich, the absence of emeralds and amethysts from the Egyptian assemblage, as well as the rarer turquoise and peridot, is notable. Emeralds were relatively rare within the greater empire-wide assemblage, and while the Mons Smaragdus mining complex in Egypt's Eastern Desert was active during this period, the absence of any material in the Egyptian provenanced catalogue must be attributed to the quality of cataloguing and the nature and publication of the archaeological record, and not to the fact that none of the Egyptian emeralds were retained and circulated in the local market. The same could be concluded with respect to amethysts, which were not as rare as emeralds, but did represent a locally sourced gemstone that reached the far geographic limits of the Roman Empire, including Britain and Gaul, and should have been found in the Egyptian archaeological record. The absence of turquoise could be viewed as additional evidence supporting the conclusion that the quarry sites at Magharah and Serabit el-Khadim in the southwest Sinai Peninsula were inactive during the Roman period.[386] Lastly, the lack of peridot, which was sourced from St John's Island (Zabargad) off the Red Sea coast of Egypt, is most likely explained by the fact that it was an exceedingly rare gem type, so its absence was due in great part to its overall scarcity, and perhaps to a lesser degree by the fragmented cataloguing profile of this region.

[386] Lucas and Harris 1962, 202-205, 404-405; Harrell 2012, 6.

Evidence from the Fayum portraits, discussed in greater length in Chapter 6, supports the conclusion that emeralds as well as pearls were part of the local gem market, as they feature heavily in the painted depictions of Egyptians of the Roman period. While some of the period's pearls were sourced from the Red Sea, and many of those from regions further afield such as the Indian Ocean, would have entered the Roman empire through the Red Sea and then Egypt, their absence in the Egyptian assemblage is due more to their delicate nature and survival bias, rather than to any of the limitations already attributed to the cataloguing of the region. With that said, the Fayum portraits offer an important counterpoint to the archaeological record, challenging what is catalogued as being incomplete, as well as offering visual representations of the jewellery being worn, a rare and privileged look at ancient jewellery and its material profile (Chapter 6).

The variety in types of gemstones found in Egypt is not striking, and to a degree coincides with what is seen in Gaul and Roman Britain. There is a high number of chalcedony types, relative to the size of the assemblage as a whole, with a smaller sampling of lapis lazuli and garnet, all trends that are mirrored in the other two provinces, but what is striking is the absence of any amethyst and emerald engraved gems or finger rings. Both amethysts and emeralds are relatively rare, representing 3% and 2% of the empire-wide assemblage respectively, but one would have expected them to be present in the Egyptian assemblage as both types of stone were mined in Egypt in the Roman period.[387]. Numerous offcut fragments of emerald were found in the excavations at Berenike, as well as examples of lapis lazuli, sardonyx, onyx, and rarer stones like peridot and sapphire.[388] This incongruence could be explained by a number of reasons, the first being the incomplete nature of the Egyptian catalogue, which is a leading factor in the small number of pieces in the assemblage. The second is that rarer stones are more desirable, making any that are discovered sought after by collectors and more likely to have dubious provenance, obscuring a possible Egyptian find-site. A third alternative is typological and is supported by the Fayum funerary portraits. If amethysts and emeralds were not commonly worn as engraved gems or as rings in Egypt, this would account for the dearth of these in the assemblage. The archaeological evidence for this is in the scant number of Egyptian provenanced emeralds and amethyst: a necklace, a bracelet, and a pair of earrings. In the empire-wide assemblage emeralds are one of the few gem types whose majority is expressed in other jewellery forms, and not engraved gems, blank gems, or finger rings. The same cannot be said for amethyst, which is largely represented in the empire-wide assemblage as engraved gems, but the single Egyptian amethyst is a pendant. When considering the evidence from Berenike and from the empire-wide assemblage, it is likely that the incomplete nature of the Egyptian catalogue has more to do with the limited evidence of locally mined amethysts and emeralds, and not a stylistic trend characteristic of the Egyptian province. Visual evidence in the form of the Fayum portraits depicting both gem types, discussed at length in Chapter 6, leads one to

[387] Sidebotham et al. 2001, 140.

[388] Sidebotham 2011, 16-18.

believe that emeralds and amethysts were known and probably worn in jewellery, though due to the fragmented archaeological record, to what degree these depictions were of real pieces or aspirational is difficult to ascertain.

Evidence from Berenike shows that during the late Ptolemaic and early Roman period, in particular the 1st century AD, Egypt was a commercial hub for gems, a site where material was worked and exported to Mediterranean, Arabian, Indian and other African ports.[389] The varied gem fragments as well as beads recovered in excavations at Berenike, offer evidence of the rich array of material that was available and traded through the region, confirming to a degree that what is known as provenanced jewellery from Egypt is probably a very small percentage of what was truly retained, worked, and worn within this province of the Roman Empire.

Egypt is like Gaul in that the 2nd century AD was the richest in its variety, though unique in that it is the only province with sardonyx present in the 1st century BC, which aligns with the greater empire-wide assemblage, but no other province or site, save for Xanten, which will be discussed later in relation to site specific assemblages. The strong representation of sardonyx in the 1st century BC is considered a vestige of its heavy use during the Hellenistic period and the tendency for engraved gems to be dated quite broadly. As identified in Table 4.8, the most common gem types in the Egyptian province were similar to what was catalogued in Roman Britain and Gaul, with carnelian being the most numerous, followed closely by jasper, and to a lesser degree sardonyx, though the remaining common types of chalcedonies—agate and onyx—were rarer in Egypt.

[389] Ibid.

Table 4.8 Probabilistic Distribution of Gems in Roman Egypt. The peak in use of each stone is identified in bold and the numbers have been rounded to the nearest tenth.

Stone	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	Total
Carnelian	7	7.7	**10.2**	9.2	0.7	38
Jasper	1.6	4.3	**14.3**	5.3	1.6	30
Sardonyx	**14.6**	0.7	0.7	0.2	0.2	19
Chalcedony	2.8	1.8	**3.8**	1.8	0.8	13
Garnet	2.3	**3.6**	1.6	0.6	0.6	10
Lapis Lazuli	1.5	0.5	**3**	**3**	0.1	9
Agate	0.4	1.3	**2.3**	1.8	0	7
Onyx	1.2	0.7	**1.7**	1.2	0.2	5
Sapphire	-	**1**	-	-	-	1
Amethyst	-	-	-	-	-	-
Aquamarine	-	-	-	-	-	-
Chrysoprase	-	-	-	-	-	-
Diamond	-	-	-	-	-	-
Emerald	-	-	-	-	-	-
Pearl	-	-	-	-	-	-
Peridot	-	-	-	-	-	-
Turquoise	-	-	-	-	-	-

Carnelian is not the most numerous gem type across all five centuries, ceding that place to sardonyx in the 1st century BC and to jasper in the 2nd century AD. If the Egyptian dataset were larger, then the shift between carnelian, sardonyx, and jasper could be an important identifier of changes in trade, availability, and/or taste, but as the Egyptian catalogue is small in number, the shifts identified here are negligible, and should not be read as broader pronouncements of a regional trend. The Egyptian assemblage declines in number during the 3rd and 4th centuries AD, corresponding to what is observed in the empire-wide and regional assemblages, presenting further support for the idea that the crisis from AD 270-296 brought about by unstable and insecure trading routes across the Eastern Desert heralded a decline in commerce across the Roman Empire.[390]

[390] Brun 2018b, 34-35.

Caesarea Maritima, Carnuntum, Aquileia, and Xanten

The last datasets to be analysed narrow the focus even further from province to site, considering engraved gems, blank gems, and finger rings catalogued from Caesarea Maritima, Carnuntum, Aquileia, and Xanten. The catalogues compiled by Amorai-Stark and Hershkovitz, Dembski, Sena Chiesa, and Platz-Horster and Luckert, represent geographically and chronologically focused site catalogues from regions unaddressed in the previous three provincial studies.[391] The publications from Aquileia and Xanten read as traditional catalogues, while the catalogues of the material from Caesarea Maritima and Carnuntum address the gems from a quantitative perspective within their own sphere. That is to say that Amorai-Stark and Hershkovitz, and Dembski not only catalogued the material from their respective sites, but also used the collated data to build graphs and tables addressing material distribution.[392] Addressing how these and the findings from the other two site catalogues compare to an empire-wide study presents new territory for comparative trend analysis.

The biases inherent in the four site catalogues are many of the same biases that plague the empire-wide and provincial datasets: cataloguing, identification, and chronology biases, though provenance—defined as 'find-spot'—is a known, making geography a possible point of analysis.

Caesarea Maritima

The material catalogued from the site of Caesarea Maritima in Israel were surface finds made by Jonathan Hendler between the 1950's and the early 1970's. The pieces in the Hendler Collection represent the largest body of gems, finger rings, and seal boxes from a single site in Israel. As the pieces in the Hendler Collection were all surface finds, they are unstratified and some may have been found above areas of fills and dumps,[393] cemeteries,[394] and could have belonged to the people living among the ruins of the city during the post-Mamluk period or in the Bosnian village that was established at the site by Turkish government in the 1880's.[395]

As a port city founded under Herod the Great, with a major artificial harbour, the city of Caesarea would become the capital and thriving administrative centre for the region, presenting modern archaeologists with a rich Roman site in the East. For the purposes of this study, the seal boxes, glass, and

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391 Sena Chiesa 1966; Platz-Horster and Luckert 1987; Dembski 2005; Amorai-Stark and Hershkovitz 2016.

392 Dembski 2005, 28-48; Amorai-Stark and Hershkovitz 2016, 521-525.

393 Porath 2011; Gersht 2015; Amorai-Stark and Hershkovitz 2016, 10.

394 Patrich 2011, 136-137, note 6; Amorai-Stark and Hershkovitz 2016, 10.

395 Amorai-Stark and Hershkovitz 2016, 10-11.

any non-gem material have been omitted from the catalogue, resulting in an assemblage of 226 pieces representing a more diverse gem profile than one would have expected when considering the previous datasets (Table 4.9).

Table 4.9 Gem Profile of Caesarea Maritima. The percentages have been rounded to the nearest integer.

Stone	Blank Gems	Engraved Gems	Finger Rings	total	% of gem type from Caesarea
Carnelian	6	61	5	72	32%
Jasper	9	35	2	46	21%
Onyx	5	15	4	24	11%
Garnet	15	6	1	22	10%
Amethyst	9	6	1	16	7%
Chalcedony	5	10	1	16	7%
Agate	2	9	1	12	5%
Sardonyx	6	1	-	7	3%
Aquamarine	3	-	-	3	1%
Emerald	3	-	-	3	1%
Sapphire	2	1	-	3	1%
Chrysoprase	-	2	-	2	1%
Diamond	-	-	-	-	0%
Lapis Lazuli	-	-	-	-	0%
Pearl	-	-	-	-	0%
Peridot	-	-	-	-	0%
Turquoise	-	-	-	-	0%
	65	146	15	226	

The gem types present in the Caesarea assemblage are more varied than those catalogued in Gaul and Roman Egypt, though in line with what was observed in Roman Britain, save for the presence of sapphire and aquamarine in the Caesarea catalogue, rare gems that were not found in Britain. Additionally, the fact that carnelian represents far fewer than half of the assemblage material is notable, and different from the other site assemblages, which all have over 50% of their catalogues represented in carnelian.[396] The gem-type percentage profile for Caesarea is generally more akin to what is observed in the provincial catalogue of Roman Britain, which had a wider range of materials and more robust purchasing ability. The presence of a wealthy elite, [397] an active harbor, as well as its role as the civilian and military capital of

[396] While the three other site assemblages vary greatly in their size, they all have significant percentages of carnelian: 51% of the 1251 gems from Carnuntum, 55% of the 124 gems from Aquileia, and 56% of the 183 gems from Xanten are carnelian.

[397] Amorai-Stark and Hershkovitz 2016, 516.

Judea,[398] mean that the material discovered in Caesarea presents a particular view of a Roman site and its material culture, due to its advantageous political and geographic qualities.

While the diverse types of chalcedony, and the presence of amethysts and garnets is in keeping with what is observed in many of the other provincial and site assemblages, the presence of three sapphires, three emeralds, and three aquamarines denotes the Caesarea assemblage as unique in its variety.[399] The three blank Caesarea aquamarines represent nearly 17% of the Roman period aquamarine, a noteworthy percentage of the fourth rarest stone to be found in a single site. The presence of sapphires and emeralds, both rare with respect to carnelian and other chalcedony types, is important, as while they are not as rare as aquamarine, the incidence of three rare gem types in a site speaks to the rich and varied nature of gem trade, as well as the place of Caesarea in the wider picture of Roman gem trade.

The presence of 65 blank gems could suggest that cameo blanks were shipped to Caesarea to be worked on site,[400] or, as evidenced by the cameo blanks and debitage discovered in Berenike,[401] may signal that raw material was transported to the harbor city. The blanks would be shipped on to distant ports, where at their destination they would be carved, as exemplified by the considerable number of blank carnelians in the Snetthisham Jeweller's Hoard. Amorai-Stark and Hershkovitz offer an additional interpretation related to the use of blank gems in their un-engraved form, suggesting that blank gems may have been set in rings and worn as apotropaic devices.[402] Unfortunately, as all of the blank gems from Caesarea were found detached, their theory regarding 'fingerstones', as they call them, could also be applied to other jewellery types as there is evidence that blank gems were also set in bracelets, necklaces, pins, pendants, and earrings.[403] Of the 11 gem types found in Caesarea, 6 types were catalogued as having more blank than engraved gems. There was a higher incidence of blank garnet, amethyst, sardonyx, aquamarine, emerald, and sapphire. Conversely, carnelian, jasper, onyx, and agate (all chalcedony types) were more numerous in their engraved forms than their blanks. As scholarship on blank gems has been until recently

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398 Beebe 1983, 203-204. The decline of Antioch as a trusted and safe trading hub due to its vulnerability to Parthian pressure meant that Augustus saw it as a liability, a turning point that brought about the rise of Caesarea as the principal military and commercial harbor on Rome's eastern front, a site of commercial importance for nearly 600 years.

399 None of the other provincial and site catalogues have examples of sapphires, emeralds, or aquamarines, save for a single emerald in Roman Britain, making these nine gems a notable element of the Caesarea assemblage.

400 Amorai-Stark and Hershkovitz 2016, 489-490.

401 Sidebotham, 2011, 17.

402 Amorai-Stark and Hershkovitz 2016, 13-15.

403 Ibid., 231.

neglected, this area of analysis addressing blank gems and their gem-type embraces their material aspect, rather than on images and text.[404]

As seen in Table 4.10, most of the gems peaked during the 1st century AD, which coincides with a brief period of high intensity trading that ended in the late 1st century AD, brought about by the subsidence of the harbor structures.[405] Because the harbour sits astride a seismic fault that runs parallel to the coast, and the seaward side of the fault had subsided to such a degree by the late 1st century AD that the breakwaters must have been fully submerged: when a ship carrying lead ingots stamped in the reign of Domitian attempted to enter the harbor, it was wrecked on top of one of the submerged breakwaters. [406] Particularly related to this region was the trade of Egyptian grain travelling from Alexandria to Rome, which would be shipped on grain ships that would stop at ports along the coast, like Caesarea Maritima, especially if faced with inclement weather.[407] The wide range of gem types and the number of stones characteristic of the 1st century AD sees a slight decline in the 2nd, followed by a swift and decisive drop in the 3rd, with the disappearance of nearly all gems in the 4th century AD. The exceptions to this trend are aquamarine and emerald, which were all dated broadly—1st-3rd century AD for the aquamarine, and 2nd-4th century AD for the emerald—making it hard to draw any chronological conclusions for these two gem types.

[404] Faraone 2011, 50. There are notable challenges in studying blank gems, the biggest being the inability to date the gems unless their archaeological provenance is chronologically limited.

[405] Raban 1991, 339-360

[406] Raban 1999, 179-188.

[407] Beebe 1983, 204-205.

Table 4.10 Probabilistic Distribution of Gems in Caesarea Maritima. The peak in use of each stone is identified in bold and the numbers have been rounded to the nearest tenth.

Stone	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	Total
Carnelian	3.5	**36.5**	23.6	7.6	0.6	72
Jasper	5.7	**14.5**	13.5	7.1	-	46
Onyx	3.7	**11**	6.2	2.8	-	24
Garnet	1.3	**8.5**	5.5	4.5	2.3	22
Amethyst	0.5	**5.9**	5.4	3.9	0.3	16
Chalcedony	0.5	**7.8**	5.3	2.3	-	16
Agate	-	**6.3**	4.3	1.3	-	12
Sardonyx	1.3	**1.9**	**1.9**	**1.9**	-	7
Aquamarine	-	**1**	**1**	**1**	-	3
Emerald	-	-	**1**	**1**	**1**	3
Sapphire	0.5	**1.2**	0.7	0.7	-	3
Chrysoprase	-	**1.3**	0.3	0.3	-	2
Diamond	-	-	-	-	-	-
Lapis Lazuli	-	-	-	-	-	-
Pearl	-	-	-	-	-	-
Peridot	-	-	-	-	-	-
Turquoise	-	-	-	-	-	-

Carnuntum

The material from Carnuntum—a Roman legionary base and accompanying civilian city in modern day Austria that saw an intense flow of military movement during the 2nd-3rd centuries AD, which was situated at the intersection of the Danube valley and the amber trade route running from Aquileia to the Baltic Sea—is not diverse in gem types and is more a large-scale collection of varieties of chalcedony. The material collected at the site and catalogued by Dembski reads like many of the civic sites in Roman Britain,[408] rather than their legionary forts that saw greater gem variety. The legionary sites of Roman Britain were characteristically diverse in their gem typology, while the cities exhibited a preponderance of chalcedony varieties, with some samples of amethyst, but no other stones. Carnuntum's gem profile of 1,251 pieces is exceedingly chalcedony-heavy, with 99% of the material from Carnuntum being chalcedony of one kind or another, including a large sampling of chrysoprase (44 pieces), the rarest chalcedony type, and representing 3% of the Carnuntum assemblage. Dembski included blank gems in his catalogue of materials from Carnuntum, with all but one of the gem types (agate) having examples in all three jewellery types: blank gems, engraved gems, and finger rings. Blank gems may have been set in jewellery un-engraved, though it

[408] Dembski 2005.

is likely that the presence of blanks meant that there were workshops at Carnuntum that would be carving and setting the blank stones. The majority of the assemblage is catalogued as detached engraved gems, and these can be numerically divided into four tiers with carnelian at the top representing more than 50% of the gems, jasper and onyx representing 21% and 14% respectively, followed by much smaller groupings of sardonyx (4%) and chrysoprase (3%), and lastly agate and amethyst each representing 1% of the catalogue. Save for the absence of garnet and lapis lazuli, the Carnuntum assemblage mirrors the percentages of Britain and Gaul quite closely and is identical in gem typology to the Roman base camp and town of Xanten in Germany, which will be discussed shortly.

The absence of emerald and garnet is noteworthy when considering the size of the catalogue; 1,251 gems.[409] Carnuntum's role as the capital of the province of *Pannonia superior*, the site of a military settlement and town, as well as geographically marking the convergence of major trading routes,[410] would suggest a varied gem profile. Carnuntum's geographic, commercial, and politically advantageous elements might lead us to expect similarities with Caesarea Maritima, but the Austrian assemblage with its chalcedony-heavy catalogue belies the diversity and wealth that one would expect.

[409] Amethyst and chrysoprase are considered rare stones when compared to the dominant varieties of chalcedony, though in a study of this scale the absence of emeralds and garnets is noteworthy.

[410] Gugl et al. 2021, 3010-3011.

Table 4.11 Gem Profile of Carnuntum. The percentages have been rounded to the nearest integer.

Stone	Blank Gems	Engraved Gems	Finger Rings	total	% of gem type from Carnuntum
Carnelian	25	551	66	642	51%
Jasper	2	231	28	261	21%
Onyx	2	149	24	175	14%
Sardonyx	5	40	10	55	4%
Chrysoprase	4	39	1	44	3%
Chalcedony	1	39	3	43	3%
Agate	-	15	2	17	1%
Amethyst	6	7	1	14	1%
Aquamarine	-	-	-	-	0%
Diamond	-	-	-	-	0%
Emerald	-	-	-	-	0%
Garnet	-	-	-	-	0%
Lapis Lazuli	-	-	-	-	0%
Pearl	-	-	-	-	0%
Peridot	-	-	-	-	0%
Sapphire	-	-	-	-	0%
Turquoise	-	-	-	-	0%
Total	45	1071	135	1251	

Chronologically the 1st century BC can be considered a period of no activity as only one example of carnelian was broadly dated to include these years. This corresponds with what is known of the site, since the first evidence of activity was during AD 6 as Tiberius's base in his battle against the Marcomanni. The immediate spike observed in the 2nd century AD particularly with carnelian but also chrysoprase, coincides with the civilian settlement of Carnuntum being given the status of *municipium* in AD 124 by Hadrian.[411] The subsequent decline in carnelian in the 3rd century AD and slight decline of chrysoprase is in keeping with what is observed in the other assemblages, though the increase in all other gem types is notable, as the 3rd century is viewed as a period of decline when discussing Roman trade, and this has been evidenced in the gem studies at the empire-wide, provincial, and site scale. The irregularity noted in the probabilistic distribution of Carnuntum could be explained by the destruction of the site in AD 170 following the Battle of Carnuntum.[412] The subsequent rebuilding of the site and return to commercial

[411] Neubauer et al. 2014, 174.

[412] Birley 2012, 217-233.

prosperity during the early 3rd century AD accounts for the highest numbers of jasper, onyx, sardonyx, agate, and amethyst at Carnuntum.[413]

Table 4.12 Probabilistic Distribution of Gems in Carnuntum. The peak in use of each stone is identified in bold and the numbers have been rounded to the nearest tenth.

Stone	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	Total
Carnelian	0.5	26.5	**324.3**	274.9	15.8	642
Jasper	-	8.5	113.3	**136.8**	2.3	261
Onyx	-	14	60.3	**90.3**	9.8	175
Sardonyx	-	2.5	22.3	**26.8**	3.3	55
Chrysoprase	-	2	**22**	18.5	1.5	44
Chalcedony	-	6.3	16.6	**19.6**	0.6	43
Agate	-	1	6	**8.5**	1.5	17
Amethyst	-	2.5	**5**	**5**	1.5	14
Aquamarine	-	-	-	-	-	-
Diamond	-	-	-	-	-	-
Emerald	-	-	-	-	-	-
Garnet	-	-	-	-	-	-
Lapis Lazuli	-	-	-	-	-	-
Pearl	-	-	-	-	-	-
Peridot	-	-	-	-	-	-
Sapphire	-	-	-	-	-	-
Turquoise	-	-	-	-	-	-

Aquileia and Xanten

The last two site catalogues focus on material from Aquileia in Italy, and Xanten in Germany. The publications by Sena Chiesa,[414] and Platz-Horster and Luckert, [415] are traditional in the exclusion of blank gems and the assemblages being addressed from a stylistic and iconographic perspective, rather than a material and quantitative one. While the sites differ in that Aquileia was a port city at the head of the Adriatic and a known centre for gem engraving, while Xanten was a legionary fortress with an associated civilian *colonia*, the material from each—collected from the city, fortress, and *colonia*—is not unique or surprising in

[413] The differential between the number of gems catalogued to the 1st and 2nd century AD is not numerically significant. The low differential between centuries can be explained by the broad chronological dating applied to gems which many times includes hundreds of years, rather than a comment on what survived from the Battle of Carnuntum.

[414] Sena Chiesa 2009.

[415] Platz-Horster and Luckert 1984, 1987.

its variety. The gems from Aquileia (Table 4.13) and Xanten (Table 4.14) are chalcedony-heavy with a small grouping of amethysts, identical to the gem typological breakdown observed in Carnuntum.

Table 4.13 Gem Profile of Aquileia. The percentages have been rounded to the nearest integer.

Stone	Blank Gems	Engraved Gems	Finger Rings	total	% of gem type from Aquileia
Carnelian	-	68	-	68	55%
Jasper	-	27	-	27	22%
Agate	-	10	-	10	8%
Amethyst	-	8	-	8	6%
Onyx	-	5	-	5	4%
Chrysoprase	-	4	-	4	3%
Chalcedony	-	2	-	2	2%
Aquamarine	-	-	-	-	0%
Diamond	-	-	-	-	0%
Emerald	-	-	-	-	0%
Garnet	-	-	-	-	0%
Lapis Lazuli	-	-	-	-	0%
Pearl	-	-	-	-	0%
Peridot	-	-	-	-	0%
Sapphire	-	-	-	-	0%
Sardonyx	-	-	-	-	0%
Turquoise	-	-	-	-	0%
Total		124		124	

Both assemblages heavily favor detached engraved gems with no examples of finger rings from Aquileia, and only eight from Xanten (less than 1%), with carnelian representing more than half of the assemblage from each site, followed by a much smaller sample of jasper in Aquileia, and onyx in Xanten.

Table 4.14 Gem Profile of Xanten. The percentages have been rounded to the nearest integer.

Stone	Blank Gems	Engraved Gems	Finger Rings	Total	% of gem type from Xanten
Carnelian	-	100	3	103	56%
Onyx	-	23	4	27	15%
Jasper	-	21	1	22	12%
Sardonyx	-	12	-	12	7%
Agate	-	9	-	9	5%
Chalcedony	-	5	-	5	3%
Amethyst	-	3	-	3	2%
Chrysoprase	-	2	-	2	1%
Aquamarine	-	-	-	-	0%
Diamond	-	-	-	-	0%
Emerald	-	-	-	-	0%
Garnet	-	-	-	-	0%
Lapis Lazuli	-	-	-	-	0%
Pearl	-	-	-	-	0%
Peridot	-	-	-	-	0%
Sapphire	-	-	-	-	0%
Turquoise	-	-	-	-	0%
Total	0	175	8	183	

Chronologically Aquileia is like Carnuntum in that the 1st century is the richest period in number and variety of gemstones (Table 4.15), while Xanten's chronological range is not as focused but rather broadly spread out across three centuries (Table 4.16). The peak during the 1st century AD in Aquileia could be read as evidence of gem numbers being comparatively depressed during the 2nd century AD after the Battle of Carnuntum, followed by the Marcomannic siege of the city, a military, industrial and commercial stronghold known as a centre for gem engraving. What is noteworthy is that Aquileia experienced a similar renaissance as Carnuntum in the late 2nd-early 3rd century AD, but this is not reflected in the chronological distribution of the gems, which instead sees a continued decline through the 2nd and 3rd centuries AD, resulting in no pieces at all dated to the 4th century AD. This decline and eventual lack of any material dated to the 4th century AD is further evidence that the western provinces were bellwethers for the greater Roman Empire and the health of its eastern trade.

Table 4.15 Probabilistic Chronological Distribution of Gems in Aquileia. The peak in use of each stone is identified in bold and the numbers have been rounded to the nearest tenth

Stone	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	Total
Carnelian	7.0	**35.5**	20	5.5	-	68
Jasper	0.5	**13**	10	3.5	-	27
Agate	0.5	**7.8**	0.8	0.8	-	10
Amethyst	0.5	**7.5**	-	-	-	8
Onyx	-	**3**	2	-	-	5
Chrysoprase	1.5	**2.5**	-	-	-	4
Chalcedony	-	-	**1**	**1**	-	2
Aquamarine	-	-	-	-	-	-
Diamond	-	-	-	-	-	-
Emerald	-	-	-	-	-	-
Garnet	-	-	-	-	-	-
Lapis Lazuli	-	-	-	-	-	-
Pearl	-	-	-	-	-	-
Peridot	-	-	-	-	-	-
Sapphire	-	-	-	-	-	-
Sardonyx	-	-	-	-	-	-
Turquoise	-	-	-	-	-	-

The broad spread of Xanten's chronological distribution bears mentioning as Platz-Horster catalogued material from Xanten[416] and its environs, including the Roman legionary base of *Colonia Ulpia Traiana*, which should recommend this catalogue as being varied in gem type and focused on chronological periods as defined by the site's history. Xanten is broadly unfocused in its chronological trends with sardonyx and agate peaking in the 1st century BC, carnelian and amethyst in the 1st century AD, jasper in the 2nd, and chrysoprase being evenly distributed across the 1st-2nd centuries. There is a definite decline in the 3rd century AD. One could argue that the decline in gem usage started earlier, in the 2nd century AD as there are fewer gems from that century than in the one prior, though the reason for the chronological pattern of gem usage in Xanten is unclear. Lastly, the 4th century is unsurprisingly barren save for one onyx stone that was broadly dated. During the early 1st century AD Xanten was a centre for trade along the Rhine, a stop on a richly active thread of commerce running across the Roman Empire. The end of the 1st century AD saw its commercial relationships with Gaul and Hispania intensify,[417] all of which would affect the variety of gems catalogued in the material from the site.

[416] Ibid.

[417] Mateo Corredor and Molina Vidal 2018, 79-98.

Table 4.16 Probabilistic Chronological Distribution of Gems in Xanten. The peak in use of each stone is identified in bold and the numbers have been rounded to the nearest tenth

Stone	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD	Total
Carnelian	35	**54**	12.5	1.5	-	103
Onyx	1	**17**	6.5	2	0.5	27
Jasper	-	8.5	**11.5**	2	-	22
Sardonyx	**5**	3.5	2	1.5	-	12
Agate	**5**	2.5	1	0.5	-	9
Chalcedony	**2.5**	2	0.5	-	-	5
Amethyst	-	**2**	1	-	-	3
Chrysoprase	-	**1**	**1**	-	-	2
Aquamarine	-	-	-	-	-	-
Diamond	-	-	-	-	-	-
Emerald	-	-	-	-	-	-
Garnet	-	-	-	-	-	-
Lapis Lazuli	-	-	-	-	-	-
Pearl	-	-	-	-	-	-
Peridot	-	-	-	-	-	-
Sapphire	-	-	-	-	-	-
Turquoise	-	-	-	-	-	-

Aquileia and Xanten represent the consistency and standardization that is readily identifiable when studying ancient gems. The dependence upon varieties of solid and striped chalcedonies is characteristic of this period, though with both sites having been rich commercial centres the lack of variety is surprising. Doubly so in Aquileia, a city positioned at the head of the Adriatic Sea ideally located to receive gems from the East, which was well known as a large-scale gem carving and engraving site.[418] Perhaps the lack of variety is due in part to the absence of blank gems in the catalogue, whose inclusion might perhaps change the gemmological profile of the site.

Conclusion

Analysis of the engraved gems, blank gems, and finger rings from Gaul, Roman Britain, and Egypt as well as Carnuntum, Caesarea Maritima, Aquileia, and Xanten, corroborated the pattern of gem use presented in

[418] Dembski 2005, 46; Guiraud 2008, 51-52; Marshman 2016, 29.

the empire-wide dataset. Carnelian is extensively used across the provinces and sites of the Roman Empire, as are other types of chalcedonies: jasper, agate, and onyx.[419] Amethyst is the only non-chalcedony type present in all province and site catalogues. The presence of what can be considered a 'rarer' gem that was sourced in Egypt and found Rome's most western province to the productiveness of the Roman Egyptian amethyst mining, and the active maritime and overland gem trade across Italy, Gaul to Roman Britain. The assemblage collected in Caesarea Maritima is anomalous in its variety with several examples of rarer gem types including sapphire and the exceedingly rare aquamarine.[420] The variety in the surface finds at Caesarea can be attributed to its active harbour and role as the military and civilian capital of Judea.[421] The inclusion of 65 blank gems, many of which are rarer gems, in the catalogue by Amorai-Stark and Hershkovitz represent a typology that is traditionally absent from most engraved gem and finger ring catalogues.[422] The presence of blank rare gems in Caesarea, and the absence of these in the other provincial and site catalogues, suggests that there are blank gems in the rest of the Roman Empire, but they have been missed and not catalogued due to their unengraved nature. The presence of rare gems found in coin hoards in many of the same provinces and sites supports the theory that rarer gems may have been transported as blanks and carved at their destination,[423] providing evidence for customized jewellery engraving. The provincial and site studies offer a view of what gems were common and rare, presenting a comparative look at the spread of gem types across the Roman Empire. Roman Britain, though farther away from Rome and the East, did not suffer a lack of gems or variety when compared to the provenanced material from Roman Gaul or Aquileia. The variety in material from Caesarea reveals that proximity to mineralogical source sites and an active harbour yielded a greater access to rarer stones, and that if provenanced blank gems are to be included, the profile of rarer gems for certain sites and provinces may change.

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[419] Sardonyx and chrysoprase is present in all but one of the catalogues, sardonyx is absent in Aquileia and chrysoprase from the Egyptian dataset. The absence of sardonyx is surprising as its banded colouring is ideal for engraving and as Aquileia was a centre for trade and gem carving, it would have been expected in the assemblage. The lack of chrysoprase in the Egyptian catalogue is explained by fragmented nature of the Egyptian assemblage and the cataloguing, collecting, and excavating biases present.

[420] Of the 10,272 engraved gems, blanks gems, and finger rings, there are 36 examples of sapphire and 18 examples of aquamarine. The three sapphires and three aquamarines from Caesarea Maritima respectively represent 8% and 17% of the empire-wide assemblage of these jewellery types.

[421] Beebe 1983, 203-204. The decline of Antioch as a trusted and safe trading hub due to its vulnerability to Parthian pressure meant that Augustus saw it as a liability, a turning point that brought about the rise of Caesarea as the principal military and commercial harbor on Rome's eastern front, a site of commercial importance for nearly 600 years.

[422] Dembski's 2005 catalogue of the findings at Carnuntum includes blank gems, but this site is represented by amethyst and all of the chalcedony types present in this study: carnelian, jasper, onyx, sardonyx, chrysoprase, and agate.

[423] Sidebotham, 2011, 17; Amorai-Stark and Hershkovitz 2016, 489-490.

Chapter 5: Roman Coin Hoards

This is the third and last chapter addressing catalogued material that represents the quantitative part of the thesis. While the previous two chapters addressed material from the central database and regional and site-specific provenanced catalogues, this chapter focuses on the material from 57 hoards containing jewellery, totalling 330 pieces, that have been identified primarily via the Coin Hoards of the Roman Empire database (CHRE).[424] Of the 57 hoards discussed in this chapter,[425] data for 52 of the assemblages comes from the CHRE Live Web App.[426] They represent hoards which contained both coins (hence their inclusion in CHRE) and jewellery. The remaining five hoards were added through research and noted accordingly (as not CHRE).[427] To avoid the duplication of data, the material from the 57 hoards was removed from the

[424]https://oxrep.classics.ox.ac.uk/coin_hoards_of_the_roman_empire_project/#:~:text=The%20Coin%20Hoards%20of%20the,30%20BC%20and%20AD%20400.

[425] The 57 hoards are: Altrier, Amiens, Annecy, AṬEL, Balozsameggyes, Beaurains, Bela Reka, Bušetina, Campore, Carthage I Hill of St. Louis, Colchester High Street, East Harptree, Éauze (not CHRE), Esbarres, Godmanchester 1956, Herculaneum - Workshop of the Gem Cutter Ins. Or. II.10. (not CHRE), Humayma, Les Martres-De-Veyre, Lyon, Macon I, Mons-Boubert, Montaure, Morienval, Nahal Shalwa, Neuville-Sur-Ain, Nivolas-Vermelle, Optevoz, Osijek 2, Ouagne, Pfünz, Pierrefonds, Pompeii via di Mercurio e, Pompeii - Casa del Gemmario (not in CHRE), Pompeii - Pinarius Cerialis (not in CHRE), Rábakovácsi, Rennes 1881, Rhayader (not in CHRE), Rouen, Saint-Boil, Saint-Gervais-en-Belin, Saint-Hilaire-Du-Rosier, Saint-Paul-De-Varax, Sainte-Consorce, Sainte-Georges-De-Reneins, Sault-Brénaz, Sauvagny, Snettisham, St. Genis-Pouilly, Tarsus, Tazoult 1906, Thetford 1962, Timgad 1910, Vaise, Vienne I, Vinay, Vron 2, Xanten 1964.

[426] https://chre.ashmus.ox.ac.uk/

[427] Pannuti 1975, 1983; Amandry 1996; D'Ambrosio and De Carolis 1997; Wallace-Hadrill 2011; Marshman 2016. Of the five hoards; Éauze, Herculaneum - Workshop of the Gem Cutter Ins. Or. II.10., Pompeii - Pinarius Cerialis, Pompeii - Casa del Gemmario, and Rhayader, only the Éauze hoard contained coins.

regional and site studies conducted in Chapter 4. This was done to conduct comparative hoard vs. regional studies, as well as a more focused analysis of evidence from material collected from gem-cutter and jeweller workshops.

This chapter looks first at the material from all 57 hoards, addressing the parameters for the dataset, biases of the study, and how these could affect the results. Broad geographic and gem specific trends will then be identified, responding to how these relate to any comparable empire-wide, provincial, or site-specific patterns of gem usage. This comparative study between gems from hoards and those noted in the larger provincial assemblages of Roman Britain and Gaul will prove fruitful, as disparities amongst gem types represented has already been identified in Chapter 4.[428] Lastly, the pieces from the Snettisham Jeweller's Hoard, the Workshop of the Gem Cutter in Herculaneum, the *House of Pinarius Cerialis* and the *Casa del Gemmario,* both in Pompeii, will be analysed in a more focused manner as evidence of the material thought to belong to gem workshops in Roman Britain and Italy.[429]

The significance of this chapter lies in the nature of the material it discusses, as the pieces studied here represent provenanced and dated Roman gems and jewellery. The 330 pieces are exceedingly well provenanced by virtue of their archaeological context: having been found alongside coins and other ephemera used to date the gems, as well as by nature of being hoards, they were discovered untouched, potentially transforming our understanding of gem usage across the Roman Empire. The CHRE is an ongoing project (2014—) that collects information from coin hoards found throughout the geographical area that constituted the Roman Empire and beyond, between 30 BC and AD 400, a chronological and geographic parameter that has been employed throughout this thesis. The project, currently containing 16,400+ hoards, aims to build the foundation for a systemic Empire-wide study that integrates numismatic data into wider research on the Roman economy. The CHRE, which is supported by the Oxford Roman Economy Project at the University of Oxford in collaboration with the Ashmolean Museum,[430] provides chronologically and geographically reliable datapoints for gems found in coin hoards across the Roman Empire, though there are *lacunae* in the data, and these represent some of the biases in this study.

The first of these is manifested in the CHRE Live Web App. Because the CHRE is focused on numismatic evidence, gems and jewellery are catalogued in the "Object" category of the dataset, along with any other material that is found in the hoard site. In conducting a search on the CHRE Live Web App it is immediately clear that there is little consistency in how these objects are catalogued or included. An example of this would be the Snettisham Jeweller's Hoard. This sizeable discovery of 127 pieces of carnelian, along with coins, pieces of silver jewellery, bars, jeweller's tools, wire, and an enamel seal-box, was found on the

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[428] Chapter 4, pp. 96-108.

[429] Pannuti 1975, 1983; D'Ambrosio and De Carolis 1997; Johns 1997; Pagano and Prisciandaro 2006; Wallace-Hadrill 2011.

[430] https://oxrep.classics.ox.ac.uk/coin_hoards_of_the_roman_empire_project/

6th of August 1985, by Mr. George Onslow at a building site in Snettisham, Norfolk.[431] Neither the hoard nor coinage information for the Snettisham entry in the CHRE database has been validated by the contributor, which may account for the absence of an Object category for this discovery. The CHRE entry for the Snettisham Jeweller's Hoard (CHRE #1496) outlines the various silver *denarii*, bronze and brass coins, as well as referencing the Portable Antiquities Scheme.[432] But as exemplified by CHRE #1496, not all entries are complete, and as such, the inconsistencies in cataloguing present in the web app mean that there may be material that is missed.[433] That is to say, if the initial cataloguer did not include the gems and jewellery in the Object category, that hoard would not appear on a query search made to identify hoards with objects other than coins.[434] In addition to not being included in the overall hoard entry, or being included under another category besides Object, there is a cataloguing and identifying bias as many of the entries are added by scholars whose expertise is not in gems and jewellery, and for that reason they may not know how to identify a particular stone or distinguish between gem and glass.

Every entry in the Chapter 5 assemblage has been verified by the author of this thesis against the original publication. When the original cataloguer included a gem type, colour, or "(?)", the identification of the gem was verified through personal inspection and/or by locating colour images of the pieces. Where there was doubt, the gem was not included in the assemblage. The rigidity of this ensures that the hoard analysis presents the most accurate and detailed dataset of the thesis, offering a counterpoint to the empire-wide and provincial/site assemblages.

A second bias is that the pieces in the hoard dataset are not limited to engraved gems, blank gems, and finger rings, which the majority of the analysis in Chapter 3 and the entirety of Chapter 4 focused on. The gems here are set in earrings, necklaces, bracelets, pendants, beads, brooches, and rings, as well as being present as loose stones (engraved and blank). The decision not to limit the hoard material to only including engraved gems, blank gems, and finger rings is three-fold. This is the first study of its kind, and it is important to be as comprehensive as possible when conducting the initial analytical foray into the gem profile of coin hoards from the Roman Empire. With such a small sample size of pieces (330), the inclusion of all jewellery-types means a richer and more inclusive material analysis. That aside, of the 330 pieces in the hoard assemblage and studied in this chapter, 270 are engraved gems, blank gems, and finger rings. If

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[431] Johns 1997; CHRE #1496 https://chre.ashmus.ox.ac.uk/hoard/1496

[432] https://finds.org.uk/database/hoards/record/id/1429 The CHRE Live Web App requires one to select parameters to narrow the search. If one is to look for gems and jewellery found within the catalogued hoards, one would select the Object category when conducting a filtering search.

[433] The Snettisham Jeweller's Hoard represented a significant and known discovery, which meant that while the CHRE entry did not include an Object category, an independent search on the CHRE Live Web App yielded eight hoards named Snettisham and CHRE #1496 resulted in being the one that included a mention of gems in its summary. The sheer number of hoards catalogued in the CHRE database suggests that there is more to be studied, and that the 57 hoards identified here do not represent the complete gem and jewellery component of the CHRE.

[434] As the primary utility of the CHRE database is to easily access information on a high number of coin hoards, future research will necessitate checking each hoard against the original publication listed in the entry.

one were to remove the 127 carnelians found in the Snettisham Jeweller's Hoard, the remaining 143 pieces still represent over half the catalogue, meaning that while the hoard material does include other gem types, it is not as dissimilar from the central, provincial, and site-specific datasets in its typology of pieces, with engraved gems, blank gems, and finger rings representing the largest grouping of jewellery types.

Survival bias is another concern when studying material from hoards, as by their nature, they tend to be protected by being buried in the soil or wrapped and placed inside a vessel or box. This type of bias relates most directly to the survival of pearls, which in most contexts would not be well-preserved or would have disappeared, leaving gaps in assembled jewellery or small chips/shards of nacre. The sizeable presence of pearls (24 pieces), representing the fourth most common gem-type in the hoard assemblage, is proof positive of the effect that survival bias can have on the material distribution in a commonness study. Pearls were 11th in the empire-wide assemblage (see Table 3.2 in Chapter 3) and were non-existent in the provincial and site studies. Pearls found in hoards represent 17% of the pearls catalogued in the empire-wide assemblage, a significant percentage when one considers the hundreds of collections and thousands of pieces that make up the central dataset.

Because the gems studied here represent material that someone valued highly enough to collect and keep in a secret place, hoards present their own type of collection bias. The assemblages at Snettisham, Herculaneum, and the two in Pompeii representing material possibly belonging to jewellers and gem cutters, stand as a collection bias with a particular commercial and vocational partiality. The remaining hoards represent valued material that may have been inherited, collected, and/or acquired as an investment by an individual with the financial ability to afford gems and coins representing its own socio-economic bias.

Hoards are not impervious to excavation and research bias, and as exemplified by their geographic breadth when mapped in QGIS, an open-source cross-platform geographic information system, the number of Gallic hoards represented in this gem analysis, provinces and territories of the Roman Empire are represented differently in the archaeological hoard record (Fig. 57). This may in part represent the particularly active nature of the CHRE project's French collaborators in contributing to the CHRE database.

Of the 57 hoards containing gems, 32 or 56% are in Gaul (Fig. 58). While the CHRE has been broad and inclusive in its range, the discovery and preservation of archaeological sites in contested parts of the world is limited, thus introducing a bias in viewing the hoards as encompassing illustrations of what gems can be found in Roman coin hoards across the empire.

Chronological Analysis

As first discussed in Chapter 1, and then employed in Chapters 3 and 4 to track any chronological trends,[435] the probabilistic distribution method ensures that the date of an object—or, in this case, a hoard—is equally weighted across time (Table 5.1). While the numismatic evidence from the hoards means that their closing date can often be dated to the year, it may not account for collecting practices, and how the original owner of the hoard may have purposefully amassed particular coins for a specific reason. The coins in a hoard may not fully reflect what was in circulation at the time of the deposit, but they do provide an approximate chronology and *terminus post quem* which is established by the latest coin and denotes the last possible date of manufacture for the objects in the assemblage. An example of this is the Snettisham Hoard, which, due to its nature as a jeweller's hoard, has been the subject additional research and study.[436] The hoard contained 110 coins, a unique combination of 83 silver and 27 bronze, but as Burnett discusses, the silver *denarii* are from different emperors representing a selection of coins from specific periods of an emperor's reign.[437] The choices made by the owner of the hoard suggest that careful consideration was taken to collect the finest available coins of the period, as he was probably using them as the raw material for jewellery.[438] Burnett posits that the presence of both silver and bronze coins represented both bullion and petty cash, adding that as the latest coins were issued in AD 155, the hoard was buried not long after.[439]

The coin hoards with gems are rare in the 1st century BC, and experience a gradual increase in number from the 1st to the 2nd century AD, a doubling in the 3rd century AD, followed by a swift decline of dated discoveries in the 4th century AD. The increased presence of hoards with gems during the 3rd century AD aligns with a time of political and social instability that is traditionally perceived as a period of decline.[440] This was a century marked by frequent raids on the Roman provinces by foreign tribes and attacks in the east by the Sassanids,[441] the Crisis of the Third Century, and the eventual fracture of the Roman Empire in AD 268.[442] Though Aurelian unified the Roman Empire in late AD 274, and Diocletian and Constantine restored a degree of stability and order in AD 285,[443] the damage to cities and economic

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[435] Chapter 1, page 23.

[436] Johns 1997.

[437] Carradice 1983; Burnett 1997, 16-19. The main periods of Domitian silver fall into the following periods: AD 81-82 (91% fine), AD 82-85 (98% fine), and AD 85-96 (93.5% fine). Burnett argues that the absence of Domitianic denarii from the second period, which was the finest and still in circulation into the reign of Trajan and perhaps Hadrian, demonstrates that the hoard is dated after AD 117.

[438] Burnett 1997, 18.

[439] Ibid., 19.

[440] Ward-Perkins 2005, 102-120; Wilson 2009a, 24, 46-47.

[441] Kulikowski 2007, 18-20; Ando 2012, 147-175.

[442] Ando 2012, 4, 109,

[443] Nicols 2007, 431-437; Ando 2012, 173.

systems was extensive and, in some of the western provinces, largely insurmountable. The high number of hoards with gems dated to this time aligns with a decrease in the number of gemstones in the broader Roman assemblage, presenting additional proof for the decline of the Roman Empire to be viewed as starting earlier than previously thought (4th century AD) in the AD 270's which corroborates what has been said regarding the decline in maritime and overland long-distance trade during the 3rd century AD.[444] Trade was prosperous during times of peace, and the evidence from the hoards of an increase in gems during the 3rd century suggests a direct link between the social and political instability experienced between AD 235 to 285, the decline in Indo-Roman and Red Sea trade, and the waning of gem use in Roman jewellery.

Table 5.1 Probabilistic chronological distribution of hoard gems from the 1st century BC through the 4th century AD.

Hoard	CHRE Hoard Number	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD
Altrier	7446	-	-	0.5	0.5	-
Amiens	7396	-	-	-	1	-
Annecy	8746	-	-	-	1	-
Atel	9170	-	-	-	1	-
Balozsameggys	2875	-	-	0.5	0.5	-
Beaurains	2910	-	0.25	0.25	0.25	0.25
Bela Reka	2806	-	-	1	-	-
Bušetina	2876	-	0.33	0.33	0.33	-
Campore	13909	-	0.33	0.33	0.33	-
Carthage I Hill of St. Louis	4717	-	-	-	-	1
Colchester High Street	14756	-	1	-	-	-
East Harptree	21	-	-	-	-	1
Éauze	*not CHRE*	-	-	0.5	0.5	-
Esbarres	3234	-	0.33	0.33	0.33	-
Godmanchester 1956	100	-	-	-	1	-
Herculaneum, Workshop of the Gem Cutter Ins. Or. II.10.	*not CHRE*	0.5	0.5	-	-	-
Humayma	8004	-	-	-	-	1
Les Martres-De-Veyre	7356	-	1	-	-	-
Lyon	6317	-	-	-	.5	.5
Macon I	3788	-	-	-	1	-
Mons-Boubert	3813	-	-	0.5	0.5	-
Montaure	5785	-	-	1	-	-
Morienval	3345	-	0.33	0.33	0.33	-
Nahal Shalwa	7617	-	1	-	-	-
Neuville-Sur-Ain	4097	-	-	-	1	-

[444] Nappo 2007, 233-244.

Hoard	CHRE Hoard Number	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD
Nivolas-Vermelle	8606	-	-	0.5	0.5	-
Optevoz	8609	-	-	-	1	-
Osijek 1897	8069	-	-	-	1	-
Ouagne	7527	-	-	-	1	-
Pfünz	3106	-	-	-	1	-
Pierrefonds	7230	0.2	0.2	0.2	0.2	0.2
Pompeii, via di Mercurio e	9701	-	1	-	-	-
Pompeii, Casa del Gemmario	*not CHRE*	-	1	-	-	-
Pompeii, Pinarius Cerialis	*not CHRE*	-	1	-	-	-
Rábakovácsi	3403	-	-	-	1	-
Rennes 1881	12985	-	0.33	0.33	0.33	-
Rhayader	*not CHRE*	-	0.5	0.5	-	-
Rouen	3409	-	-	-	1	-
Saint-Boil	7163	-	-	0.5	0.5	-
Saint-Gervais-en-Belin	5858	-	-	1	-	-
Saint-Hilaire-Du-Rosier	8625	-	1	-	-	-
Saint-Paul-De-Varax	6283	-	0.33	0.33	0.33	-
Sainte-Consorce	6325	-	-	-	1	-
Sainte-Georges-De-Reneins	6329	-	-	0.5	0.5	-
Sault-Brénaz	3886	-	-	-	1	-
Sauvagny	7315	-	0.33	0.33	0.33	-
Snettisham	1496	-	-	1	-	-
St. Genis-Pouilly	3908	-	-	-	1	-
Tarsus	9378	-	0.33	0.33	0.33	-
Tazoult 1906	4928	-	-	0.5	0.5	-
Thetford 1962	4744	-	-	-	-	1
Timgad 1910	4936	-	-	-	1	-
Vaise	3493	-	-	-	1	-
Vienne I	8666	-	0.5	0.5	-	-
Vinay	8668	-	0.33	0.33	0.33	-
Vron 2	12516	-	0.25	0.25	0.25	0.25
Xanten 1964	7433	-	-	0.5	0.5	-

Material Analysis

The hoards present a varied profile of gems, a far more wide-ranging gem typology than would be expected if one were to look only at the provincial studies for guidance. Of the 17 gem types representing the primary gem typologies for this thesis, all are present except for turquoise, peridot, and diamond, rare gems in any discussion of Roman-period jewellery, making their absence not unexpected. As seen in Table 5.2, carnelian is the highest grouping of stones, and this is in part due to the 127 carnelian gems that were found in the Snettisham Jeweller's Hoard,[445] representing the largest gem hoard in this study, and an outlier when discussing hoard findings in general.

Table 5.2 Gem Profile of Roman Hoards

Stone	Count
Carnelian	186
Emerald	41
Onyx	31
Pearl	24
Amethyst	14
Garnet	14
Agate	13
Jasper	9
Sapphire	8
Sardonyx	7
Lapis Lazuli	2
Chrysoprase	2
Aquamarine	1
Diamond	-
Peridot	-
Turquoise	-

If the Snettisham carnelians are temporarily removed from the dataset, carnelian still ranks highest; it was the most common stone in the Roman Empire regardless of archaeological context (Fig. 59)

Emeralds rank as the second most common stone in the gem hoards, and this represents a striking divergence from what is seen in the central dataset and the provincial-site studies (Fig. 60). This could be explained by the varied jewellery types that are present in the hoard assemblage.

[445] Johns 1997.

Emeralds are one of the few gem types whose majority of samples are not represented as engraved gems, but rather as earrings and necklaces.

Onyx ranks as the third most common stone with 31 pieces, which is to be expected as it ranks in the top five varieties of chalcedony during this time (Fig. 61).

The small sample size of agate (Fig. 62), jasper (Fig. 63), and sardonyx (Fig. 64) is unanticipated, as all three varieties of chalcedony were quite common in Roman jewellery and were ranked among the most commonly used stones during the 1st century BC to the 4th century AD.

The low incidence of jasper, and presence of other rarer stones—amethyst (Fig. 65), garnet (Fig. 66), sapphire (Fig. 67), lapis lazuli, (Fig. 68) chrysoprase, (Fig. 69) and aquamarine (Fig. 70) —may speak to the nature of the hoard assemblage itself, a grouping of goods that represent a commodity, an investment, and in some cases evidence of great wealth. This is exemplified by the pieces found in Beaurains (CHRE #2910), presenting an array of the rarer gem types including garnets, emeralds, amethysts, and the single aquamarine in the entire Chapter 5 catalogue.[446] The numismatic composition of the hoard suggests that the owner of the Beaurains assemblage may have been an officer who received a number of *donativa* (cash handouts to the army) as the coins date to a long and storied military career from around AD 285 to AD 310.[447] The scholarly commentary of the coins in the CHRE entry notes that nearing the end of his career, the officer must have reached a high rank due to the substantial sum of aurei collected. The conclusions set forth through the study of the coins are supported by the rich array of non-chalcedony gemstones present in the hoard: two garnets, four emeralds, three amethysts, and one aquamarine. There are two sardonyx pieces—a pendant and an engraved gem—but as was discussed in the previous chapters, most chalcedony types can be considered common during this period, save for chrysoprase.

The variety and number of rarer gemstones in the hoard assemblage offers a new point of comparison when addressing the gem profile for certain provinces and sites in the Roman Empire. As discussed in Chapter 4, sapphire, pearl, and aquamarine are not present in the non-hoard assemblages of provenanced engraved gems, blank gems, and finger rings from provinces of Roman Britain, Gaul, and Roman Egypt, nor in the site assemblages from Carnuntum and Aquileia. The most analogous assemblage to what is seen in the hoards, relating to variety, is the assemblage from Caesarea Maritima.[448] The only divergence in the profile between the hoards and the material from Caesarea Maritima is the presence of

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[446] Bastien and Metzger 1977.

[447] https://chre.ashmus.ox.ac.uk/hoard/2910

[448] The surface finds at Caesarea Maritima do not include pearls and lapis lazuli. The absence of pearls is expected, and with little lapis lazuli in use during the 1st century BC to the 4th century AD, the variety at Caesarea Maritima suggests a wealthier and richer market for gems. The only hoard from Israel is Naḥal Shalwa (CHRE #7617) which has a gold ring set with a carnelian gem, and therefore does not offer a strong comparative point to address variety in Roman period Israeli gems.

pearls and lapis lazuli in the hoard assemblage. As the finds from Caesarea Maritima were surface finds, the absence of pearls is expected due to their delicate nature, and with little lapis lazuli in use during the 1st century BC to the 4th century AD its absence does not represent an outlier. In comparing the hoards from Roman Britain to the provenanced material catalogued by Henig[449] and later Marshman,[450] the gem profile is a study in polarity, presenting a small sample of common chalcedony types, including carnelian, onyx, and sardonyx, alongside several garnets, emeralds, pearls, and amethyst (Table 5.3).

Table 5.3 Gem profile and type in hoards from Roman Britain.

Stone	Engraved Gem	Finger Ring	Earring	Bracelet	Pendant	TOTAL
Carnelian	111	18	-	-	1	131
Emerald	-	6	-	-	-	6
Garnet	-	3	-	-	1	4
Amethyst	1	3	-	-	-	4
Onyx	1	1	-	-	1	3
Sardonyx	-	1	-	-	-	1
Pearl	-	-	1	-	-	1

In comparing the engraved gems and finger rings from Romano-British hoards to the assemblages catalogued by Henig and Marshman, the absence of jasper in the hoard finds is notable, as it represents the second most common stone in Roman Britain, with 264 pieces and 24% of the provincial assemblage. The three pieces of onyx in the hoards is another unexpectedly low sampling of what we know to be the third most common stone in Roman Britain with 184 pieces in the assemblage (17% of the total). The relatively high number of emerald rings in the British hoards contrasts with the single 2nd century AD emerald ring found in the London Thames Foreshore region.[451] What is apparent when comparing the types of gems in coin hoards from Roman Britain to the varieties and numbers catalogued by Henig and Marshman, is that carnelian remains the most common gem type.[452] While the provincial assemblage is heavily represented by various types of chalcedony, the hoards feature rarer gems: emerald, amethyst, and garnet. This is all to suggest that the typological profile established by Henig and Marshman is broadly representative, but not the complete picture of what gems were available and in use in Roman Britain, in great part due to the

[449] Henig 1971, 1972, 1974, 1975a, 1975b, 1978a, 1978b, 1983, 1990, 1991, 1992, 1994, 2003, 2004, 2007.

[450] Marshman 2016.

[451] Ibid., 270 no. 25.15. The 6 emeralds came from two hoards:
Thetford 1962 (CHRE #4744) https://chre.ashmus.ox.ac.uk/hoard/4744 and
Colchester High Street (CHRE #14756) https://chre.ashmus.ox.ac.uk/hoard/14756 .

[452] The exception to this is the material catalogued from coin hoards in Gaul that identifies emerald as the most common gem type. This is discussed in greater length later in this chapter.

inclusion of alternate jewellery types. While the biases inherent in a hoard assemblages make it difficult to apply any findings as a barometer of a provincial typology, they do offer a counterpoint to past iconographic studies, and when paired with a chronological and material study, present a new way of interpreting gem usage and availability in Roman Britain.

The six hoards from Roman Britain are Colchester High Street (CHRE #14756), East Harptree (CHRE #21), Godmanchester 1956 (CHRE #100), Rhayader (not CHRE), Snettisham (CHRE #1496), and Thetford 1962 (CHRE #4744).

Of 57 total hoards, these six hoards and 149 pieces from Roman Britain represent approximately 10% of the total hoards and 45% of the total jewellery, though the latter is skewed due to the 127 Snettisham carnelians (Fig. 71). If the Snettisham carnelians are removed, the hoard jewellery from Roman Britain represents nearly 7% of the total assemblage, which presents a more equitable regional distribution. Chronologically, the hoards from Roman Britain offer a view of a dateable patterns of deposits and present a comparative datapoint to the regional studies of Roman Britain (Table 5.4).

Table 5.4 Probabilistic distribution of hoard gems from Roman Britain

Hoard	CHRE Hoard Number	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD
Colchester High Street	14756	1	-	-	-
East Harptree	21	-	-	-	1
Godmanchester 1956	100	-	-	1	-
Rhayader	*not CHRE*	0.5	0.5	-	-
Snettisham	1496	-	1	-	-
Thetford 1962	4744	-	-	-	1

In comparison, the 32 hoards from Gaul containing 103 pieces and representing 56% of the coin hoards with gems, offer a smaller sample size but one with greater variety through which to address provincial gem patterns and deposits (Fig. 58). The variety of gem types present in coin hoards from Gaul exhibits a much higher incidence of rarer varieties than one would expect when viewing the provincial catalogues compiled by Guiraud.[453] The provincial assemblage is chalcedony-heavy with a small number of amethyst, garnet, and lapis lazuli representing the rarer gem types, while the gems from the coin hoards are mainly represented by rarer stones: emerald, pearl, garnet, sapphire, amethyst, and one example of an exceedingly rare aquamarine (Table 5.5). The presence of pearls is to be expected as survival bias limits their representation in the traditional assemblages, and the protected nature of the hoards offers an ideal environment for the preservation of the delicate nacre (Fig.72).

[453] Guiraud 1988, 2008.

The hoard gems from Gaul represent the only dataset in this thesis where emeralds outnumber carnelian. The reason for this is twofold. Emeralds and emerald jewellery would have been considered a luxury during this period and while not all coin hoards should be considered treasures, their contents represent materials of importance. The second reason relates to the type of jewellery. The other larger datasets discussed in Chapters 3 and 4 address engraved gems, blank gems, and finger rings. As demonstrated in Table 5.5, the majority of emeralds were set in earrings and necklaces, with an additional ring, bracelet, brooch, and bead. This pattern of use, explored earlier in Chapter 3, identifies emeralds as being of the few gems whose majority is represented in jewellery types that are not engraved or set in rings. The varieties of chalcedony present in the coin hoards match what is viewed in Guiraud's provincial catalogue save for the absence of chrysoprase, a chalcedony type that is rarer when compared to carnelian, jasper, onyx, sardonyx, and agate. There are 20 pieces of chrysoprase in Guiraud's provincial catalogues, representing approximately 3%. The absence of chrysoprase in the assemblage of hoard gems is noted, but not as anomalous as the low incidence of carnelian.

Table 5.5 Gem profile and type in hoards from Gaul

Stone	Engraved Gem	Finger Ring	Earring	Bracelet	Pendant	Necklace	Brooch	Bead	TOTAL
Emerald	-	1	9	1	-	13	1	1	26
Onyx	8	16	-	-	-	2	-	-	26
Carnelian	3	16	-	-	-	-	-	-	19
Pearl	-	1	7	-	-	7	-	-	15
Garnet	-	1	1	1	-	5	-	1	9
Jasper	1	5	-	-	1	-	-	-	7
Sapphire	-	1	1	-	-	2	1	-	5
Sardonyx	2	-	-	-	1	-	-	-	3
Amethyst	-	-	-	-	2	1	-	-	3
Agate	-	1	-	-	-	-	-	-	1
Aquamarine	-	1	-	-	-	-	-	-	1

If we are to use the hoard gems as a barometer of what stones were used in jewellery during this period in this province, Gaul would most likely present a rich and varied typology. This suggests that, in a similar manner to Roman Britain, the gem profile for Gaul was very different than would appear when studying the provenanced catalogues of engraved gems and finger rings for these regions. The divergence between provenanced catalogues and hoards may be in the collecting bias, and that rarer gemstones may not have made it to museum collections via the purchases with a known provenance, but rather as parts of private collections that were collected particularly due to their exoticism and later bequeathed. Additionally, a more all-encompassing study that would include all jewellery types would most likely yield a far more analogous gem profile, as rarer gemstones like emeralds and pearls were used with greater frequency and often paired in earrings and necklaces. To date, the comprehensive cataloguing of jewellery from Roman

Britain, Gaul, and other Roman provinces and territories has not been completed. When such material has been gathered it will provide a counterpoint to data present in the Coin Hoards of the Roman Empire database, making it possible to address gem use in Roman provincial jewellery across chronological periods with relation to economic and stylistic trends.

Chronologically, the 32 hoards mirror the findings of the larger assemblage through the incremental increase of hoards dated to the 1st and 2nd centuries AD (Fig. 73 and Fig. 74), followed by a notable increase of hoards from the 3rd century AD (Fig. 75), with only a small number dated to the 4th century AD (Fig. 76 and Table 5.6) [454]

[454] The majority of the hoards date across multiple centuries, though there is a distinct rise in hoards during the 3rd century AD.

Table 5.6. Probabilistic chronological distribution of hoard gems from Gaul

Hoard	CHRE hoard number	1st c. BC	1st c. AD	2nd c. AD	3rd c. AD	4th c. AD
Altrier	7446	-	-	0.5	0.5	-
Amiens	7396	-	-	-	1	-
Annecy	8746	-	-	-	1	-
Beaurains	2910	-	0.25	0.25	0.25	0.25
Éauze	*not CHRE*	-	-	0.5	0.5	-
Esbarres	3234	-	0.33	0.33	0.33	-
Les Martres-De-Veyre	7356	-	1	-	-	-
Lyon	6317	-	-	-	0.5	0.5
Macon I	3788	-	-	-	1	-
Mons-Boubert	3813	-	-	0.5	0.5	-
Montaure	5785	-	-	1	-	-
Morienval	3345	-	0.33	0.33	0.33	-
Neuville-Sur-Ain	4097	-	-	-	1	-
Nivolas-Vermelle	8606	-	-	0.5	0.5	-
Optevoz	8609	-	-	-	1	-
Ouagne	7527	-	-	-	1	-
Pierrefonds	7230	0.2	0.2	0.2	0.2	0.2
Rennes 1881	12985	-	0.33	0.33	0.33	-
Rouen	3409	-	-	-	1	-
Saint-Boil	7163	-	-	0.5	0.5	-
Saint-Gervais-en-Belin	5858	-	-	1	-	-
Saint-Hilaire-Du-Rosier	8625	-	1	-	-	-
Saint-Paul-De-Varax	6283	-	0.33	0.33	0.33	-
Sainte-Consorce	6325	-	-	-	1	-
Sainte-Georges-De-Reneins	6329	-	-	0.5	0.5	-
Sault-Brénaz	3886	-	-	-	1	-
Sauvagny	7315	-	0.33	0.33	0.33	-
St. Genis-Pouilly	3908	-	-	-	1	-
Vaise	3493	-	-	-	1	-
Vienne I	8666	-	0.5	0.5	-	-
Vinay	8668	-	0.33	0.33	0.33	-
Vron 2	12516	-	0.25	0.25	0.25	0.25

In tracking the 11 hoards that date to the 3rd century AD only, a pattern emerges in the gem profile and their geographic location. There are seven emeralds, six pieces of onyx, four carnelian, four pearls, and one garnet. The majority of the 3rd-century AD hoards have one or two types of stones, the outlier in this is Vaise (CHRE #3493), which has four types of stones in its assemblage: emeralds, pearl, onyx nicolo, and

the garnet.[455] By plotting the hoards in QGIS, eight of the hoards appear to be located in the border region of Viennensis, between the Rhône River and the Alps (Fig. 77). This was a territory that saw much upheaval during the 3rd and early 4th centuries AD. [456] In particular, the area in question saw barbarian invasions from the north by the Alamanni in AD 213 and later AD 235-237, the Franks in AD 254, and the subsequent establishment of an independent Gallic territory.[457]

The higher incidence of hoard deposits dated to the 3rd century AD aligns with what is known regarding the crisis of the period, with the central government unable to defend itself from internal and external forces on both the eastern and western fronts. The gems from the Gallic hoards present a varied array of gem and jewellery types, strongly suggesting that of the regions studied here, Gaul presents the most robust evidence for it being one of the more prosperous of Roman provinces.

Jewellers and Gem Cutter's Hoards

The last dataset to be explored in this chapter is dedicated to hoards that represent material belonging to ancient Roman jewellers and gem cutters. The four hoards: the Snettisham Jeweller's Hoard,[458] the Workshop of the Gem Cutter in Herculaneum,[459] the *Casa del Gemmario,*[460] and the House of *Pinarius Cerialis* both in Pompeii,[461] represent unique assemblages due to their commercial and vocational identity. As discussed earlier in the chapter, the Snettisham Jeweller's Hoard is the largest gem hoard in this study. Dating to *c.* AD 155 it is thought to belong to a jeweller living and working in Roman Britain. The discovery and subsequent analysis of the hoard has provided incontrovertible evidence related to the manufacture of gem and precious metal jewellery in Roman Britain, an area of study that had, until its discovery, been unsubstantiated. The presence of high-percentage silver coins that appear to have been purposefully collected for their fineness,[462] along with the brass coins and silver scraps present conclusive evidence that the assemblage belonged to a jeweller who made his own alloy and produced silver jewellery, much of which

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[455] https://chre.ashmus.ox.ac.uk/hoard/3493; Metzger 2016, 118-133. While the context of the Vaise hoard is not clear as two deposits were found in close but distinct proximity, they have been stylistically dated to the 3rd century AD.

[456] Nicols 2007, 435; Birley 2012, 49.

[457] Nicols 2007, 431-437.

[458] Johns 1997.

[459] Pannuti, 1983; Guzzo 2005; Pagano and Prisciandaro 2006; Wallace-Hadrill, 2011.

[460] D'Ambrosio and De Carolis, 1997.

[461] Pannuti 1975.

[462] Burnett 1997, 16-19.

was set with carnelian engraved gems.[463] From the perspective of a typological study, the Snettisham hoard is invariant, presenting 127 carnelian gems, silver finger rings and snake bracelets, necklaces, chains, and pendants, all bearing a consistency of style and technique, evidence to the fact that this assemblage by the same craftsman. The evidence from the hoard proves the existence of regional production rather than the import of ready-made pieces.[464] The absence of any gemmological variety in the Snettisham Jeweller's Hoard is in line with the chalcedony-heavy profile of gems in Roman Britain, as well as identifying a prosperous market for what can be considered everyday luxuries: jewellery fashioned with the period's most common stone.

The three Italian hoards are not dissimilar to their Snettisham counterpart in being chalcedony-heavy, though there is a notable number of glass intaglios and cameos present in the Campanian hoards (Pompeii and Herculaneum),[465] a material element that was missing from the hoard in Roman Britain.[466] The Workshop of the Gem Cutter in Ins. Or. II.10 was excavated in 1936-1937 in a commercial neighborhood of Herculaneum.[467] The excavation of the three-room shop yielded a rich array of glass and stone gems, some ready to be set, while others were still in progress. Alongside the gems in various wooden boxes, archaeologists found lamps, bronze tweezers, a silver stylus, a bronze burin, and a balance, all evidence of the materials used by a jeweller.[468] Of the 20 intaglios and cameos 13 were gemstones, comprising eight carnelian, one jasper, one onyx, one agate, one garnet, and one amethyst,[469] all discovered in various areas of the back rooms of the shop, supporting the theory that they belonged to a gem cutter. The absence of a workbench or sales counter suggests that the jewellery being made was limited in scope, and perhaps signifies that the Herculaneum shop was that of an *annularius*: a manufacturer of rings.[470]

The Pompeian workshop of *Pinarius Cerialis* in Regio III, Insula 4, was first excavated in 1916-1917, and again in 1926, yielding 114 cameos and intaglios, 22 of which were gems with the remaining 92 being

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[463] Johns 1997, 69. The characteristics of the Snettisham hoard that define it as belonging to a manufacturer are not limited to raw metals and ingots, but unfinished objects, manufacturing tools and equipment, new and unused objects, and a large series of similar products.

[464] Kleibrink 1997, 25-33; Henig 1997; Johns 1997, 69-70. Henig and Johns identify at least two if not three gem engravers. Kleibrink uses this as evidence for a peripatetic workshop of gem engravers, having attributed gems found in other parts of Roman Britain to the Snettisham engravers.

[465] Zwierlein-Diehl 2012, 144-145.

[466] The absence of glass gems in the Snettisham Hoard could speak to the wealthier clientele that was able to afford real gemstones rather than glass imitations. As catalogued by Marshman in 2016, there is considerable evidence of glass gems in Roman Britain, further supporting the theory that the Snettisham jeweller, while working in the most common stone, was producing jewellery for clients who could pay for gems.

[467] Tassinari 2008, 269-270.

[468] Zwierlein-Diehl 2012, 144.

[469] Wallace-Hadrill 2011, 278.

[470] Calvi 2005, 18; Tassinari 2008, 269-270.

glass.[471] The gems from the home and workshop of *Pinarius Cerialis* are again chalcedony-heavy with eleven carnelian, seven agates, three amethysts, and one chrysoprase. A stylistic analysis of the material found here amphasizes a lack of homogeneity in quality and style, suggesting that this was not just a workshop but perhaps also the home of a collector.[472] It is possible that *Pinarius Cerialis* personally worked on the 'better' gems while those in his employ labored on cheaper stones; though, scholars are unsure as to how to interpret the variety of tools found in the home, as well as the broad chronological range and style of the gems themselves.[473]

Lastly, the *Casa del Gemmario* excavated in 1986 in the southeastern part of Pompeii in an area noted for its commercial character, provides the last set of gemstones thought to have been in the possession a Roman-period gem-cutter.[474] The 11 gems from the *Casa del Gemmario* are six carnelian, one jasper, one agate, one amethyst, one chrysoprase, and one sapphire. The lack of homogeneity in style[475] and gem-types have left scholars struggling to ascertain the type of establishment owned by the *Gemmario*. Zwierlein-Diehl categorically excludes it as a workshop, citing the lack of stylistic consistency,[476] while D'Ambrosio and De Carolis link the *Casa del Gemmario* to the House of *Pinarius Cerialis,* identifying the possibility that in Pompeii one of the two was not only a gem engraver, but also a merchant.[477] The presence of the sapphire supports the conclusions proposed by D'Ambrosio and De Carolis, as the hardness of a sapphire requires different skills and tools than those needed to work the varieties of chalcedony present.

The three Campanian hoards offer an important counterpoint to the discoveries in Snettisham. The absence of jasper in all but one of the hoards is notable as it was the second most common stone during this period. Its absence in the Italian hoards may be read as further evidence of the increase in overland trade in jasper during the 2nd century AD, which would account for it not being present in the Pompeian and Herculaneum assemblages.

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[471] Pannuti 1975.

[472] Tassinari 2008, 265-269.

[473] Lipinsky 1982, 820; Krug 1992, 88; Zwierlein-Diehl 2012, 145; Tassinari 2008, 268. Lipinsky points to the absence of gold or gold working tools as evidence to view *Pinarius Cerialis* as a gem dealer, rather than an engraver. Tassinari counters this interpretation by contextualizing the entire discovery, noting the dimensions of the home are in accordance with the socio-economic status of an artisan and small trader, as well as pointing to evidence of *Pinarius Cerialis* having participated in city politics with inscriptions of electoral propaganda found on the outer walls of the building.

[474] D'Ambrosio and De Carolis, 1997.

[475] Tassinari 2008, 269.

[476] Zwierlein-Diehl 2012, 145.

[477] D'Ambrosio and De Carolis 1997, 21, 24.

Conclusion

The material catalogued in the Coin Hoards of the Roman Empire database represents a geographically and chronologically defined assemblage of gems and jewellery with gems from across the Roman Empire. The 57 hoards contain 330 pieces, the majority of which have been catalogued through the Coin Hoards of the Roman Empire Project,[478] a database of hoards dated to and geographically located both within and outside of the Roman Empire. A typological study of the gems from the 57 hoards identifies a wide variety of rare gems provenanced to the Roman provinces, a fact that is not apparent when studying the recent gem catalogues from Roman Britain and Gaul.[479] Carnelian persists as the most common gemstone during the 1st century BC to the 4th century AD, though what does change is the breakdown of the remaining gem types, and the increased number of rarer gems. When compared to the varieties of chalcedony that are known to be common— jasper, onyx, sardonyx, and agate—, some of the rarer gem types appear with greater frequency. The increased presence of emeralds, pearls, amethysts, garnets, and sapphires can be attributed to the inherent biases' characteristic of a hoard assemblage: survival bias, cataloguing bias, and excavation bias. The rise in hoards dating to the 3rd century AD may reflect the increase in social, political, and territorial instability across the Roman Empire, and corroborates what scholars have said regarding a decline in maritime and overland long-distance trade during the 3rd century AD.[480]

[478] https://oxrep.classics.ox.ac.uk/coin_hoards_of_the_roman_empire_project/#:~:text=Thousands%20of%20coin%20hoards%20have,Roman%20Economy%20as%20a%20whole.

[479] Guiraud 1988, 1998; Marshman 2016.

[480] Nappo 2007, 233-244; Wilson 2015, 29; Wilson 2017, 15; Brun 2018, 34-35.

Chapter 6: Gems in Roman Art: Fayum, Palmyra, and Pompeii

The study of luxurious personal adornment in the ancient world requires not only an analysis of the jewellery, but also an exploration of its representation in other forms of media: paintings, sculptures, coins, mosaics, and other genres: funerary busts and portraits. In a period of expansion, with the Roman empire extending its territory and its trading reach eastward, jewellery becomes a narrow but important lens through which to study aspects of the human condition: the desire for a better social standing, the hope for a richer life, and the yearning for something beautiful, and perhaps unique and exceptional.

The Egyptian mummy and funerary portraits from Palmyra represent two of the largest collections from the Roman period of depictions of jewellery worn in their sartorial context. Created during roughly the same period (1st to 3rd centuries AD, with a few mummy portraits dated to the 4th century AD), together they afford a rare glimpse of how the jewellery was worn, in what combination, and to a greater degree, what jewellery looked like during the period. In addition to the paintings from Egypt, and sculptural reliefs from Palmyra, both of which feature mortal subjects, the paintings and mosaics from Pompeii present a smaller subset of mythological figures adorned with jewellery. Together these representations of Roman period gems and jewellery in art offer a counterpoint to the archaeological record and underscore the conclusions put forth in the quantitative studies. [481]

[481] Johns 1996, 88.

Mummy Portraits of Roman Egypt

The estimated 1,032 surviving portraits from Roman Egypt were painted during the first three centuries of the Roman occupation, reflecting an integration of Greek perspectival elements, Roman iconography, and Egyptian funerary practices. They capture a merging of Greco-Roman portraiture alongside Egyptian funerary practices, a true representation of the hybrid nature of Roman Egypt. Their relevance to a quantitative study of Roman-period gems and jewellery is due to the high incidence of portraits painted with adornments. Of the 1,032 Fayum mummy portraits: 87% of women, 63% of children, and 15% of men were painted with jewellery. The high percentage of women wearing jewellery raises questions regarding their factual representation both in style and ownership, as the archaeological record of Egyptian provenanced jewellery is small (131 pieces). The dearth of jewellery provenanced to Egypt is greatly due to cataloguing and excavation biases, making the archaeological record a limited tool for comparison when addressing the degree to which the portraits can be viewed as aspirational ,[482] and one could argue, but not prove, that the portraits are a better representation of jewellery worn in Roman Egypt.

Painted funerary portraits, conventionally called "mummy portraits," were found in cemeteries across Roman Egypt, but appear to have been most common in the Fayum region of northern Egypt. The Fayum Basin, located to the west of the Nile and south of Alexandria, included over 20,000 acres of cultivated land with fish-rich lakes. Scholars have used the depictions of the hairstyles and jewellery to date the portraits stylistically to the early-1st to mid-3rd century AD, with a small number of portraits dated to the 4th century AD.[483] The first written account of painted funerary portraits dates to December 15, 1615,[484] by Pietro della Valle who discovered two well-preserved mummies buried in a subterranean grave at the necropolis of Sakkara,[485] one of which was a richly decorated mummy of a man (Fig. 78). Subsequent substantial discoveries were made during the 19th century by Viennese art dealer, Theodor Graf, and the British Egyptologist, W.M. Flinders Petrie. Graf, concerned with making a profit on his investments, purchased his portraits from local peasants. This practice unfortunately limits our knowledge of provenance.[486] In contrast, Petrie whose interests resided in Egyptian culture and history, excavated the

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[482] Borg 1996, 98; Walker 2000, 46-47. In some instances, X-rays and C.A.T. scans have revealed that the mummified bodies are older than their painted portraits, as is the case with the mummy portrait of a painted youth (AD 80-100) found in Hawara by Petrie. A forensic reconstruction of the skull showed that the face of the mummy and the portrait did not match and were perhaps paired in error.

[483] Borg 1996, 177-178; Walker 2000, 25. There was a radical change in fashion during the mid-late 3rd century AD. A wide tunic with broad clavi and sleeves appears have been the new fashion, especially in Antinoopolis where this group of portraits was found.

[484] Borg 2000, 64.

[485] Ibid., 205-208.

[486] Roberts 2008, 8. It was thought that the Graf portraits were found in er-Rubayat– which was why when they went on display in Europe and America they were (and still often are) called 'er-Rubayat' portraits. In recent years,

necropolis of Hawara, and later er-Rubayat, both located in the Fayum Basin (Fig. 79). His notes from the excavation reveal in great detail the archaeological context of his discoveries, and to this day provide the most complete account of burials of portrait mummies in this region.[487] In studying both groupings it becomes clear that the portraits found at Hawara depict people who lived in the provincial capital at Arsinoe, while the er-Rubayat portraits were painted for an elite and small community living in the city of Philadelphia.[488] Petrie's discoveries at Hawara were unique in that the bodies were buried in shallow sand pits. Accounts from er-Rubayat described the portrait mummies being buried in re-used rock-cut tombs from the Pharaonic period—as was the case with della Valle's subterranean grave.[489] The variety of grave types may stem from the ready availability of Pharaonic burials at some sites, and the absence of these at others. What does remain consistent throughout is the detail and ornamentation of the mummies themselves, making the portraits a costly element of the already expensive funerary proceedings.[490]

Petrie's records provided an extraordinarily detailed account of his discoveries at Hawara and er-Rubayat, but unfortunately these and Graf's exhibitions inspired modern artistic interpretations, and several illegal excavations born of the demand for more Egyptian painted portraiture. This enormous public interest became the catalyst for a market flooded with portraits, both ancient and modern (forgeries), which is why nearly half of the portraits now in museums and collections around the world do not have a known provenance.[491]

Scholarship on the portraits has been detailed and diligent. Seminal publications cataloguing the various groups of Egyptian funerary portraiture have been written by Klaus Parlasca (1966 and 1980),[492] Parlasca and Seeman (1999), Lorelei Corcoran (1995a and 1995b), Euphrosyne Doxiadis (1997 and 2000), Susan Walker and Morris Bierbrier (1997/2000), and Paul Roberts (2008). Additional research by Barbara

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archaeologists have taken a closer look at the er-Rubayat portraits and placed them from the cemetery of Philadelphia, north of the Fayum.

[487] Petrie 1898, 1911. Petrie notes that the Hawara portraits were mostly painted in encaustic, which produced a glossy modern look, while the er-Rubayat portraits were predominately executed in tempera, producing a watercolour effect.

[488] In discovering the stylistic characteristics that separate the Hawara from the Er-Rubayat portraits, an exception emerges in the form of portrait 20: a young woman. She was thought to have been found in Er-Rubayat, but Petrie posits the theory that she was in fact found in Hawara, as the stylistic characteristics match the other refined portraits of that site. Petrie was away from Hawara for a short time in 1888, and Roberts suggests that perhaps this was one of the 4-5 portraits taken from Hawara by Graf during Petrie's absence.

[489] Antinoopolis has examples from both rock-cut tombs and shallow graves, while Aswan has portraits found exclusively in rock-cut tombs.

[490] *P. Vindob.* G 24.913. A papyrus written in black ink, listing the expenses of a funeral dated to the 2nd or 3rd century AD notes the cost of a funeral being equivalent to two years' income (200-300 drachmas), demonstrating the great expense incurred in preparing and decorating the mummy. The linen to wrap the body cost 136 drachmas 16 obols, while the death mask cost nearly half of that (64 drachmas).

[491] Borg 2010, 3.

[492] Parlasca's four-volume compendium titled *Ritratti di mummie* (1969-2003) was the first foray into cataloguing the mummy portraits from Egypt.

Borg, Christina Riggs, Roger Bagnall, Wiktor Daszewski, Agneta Freccero, and W. M. F. Petrie, among many others, has made the topic of Egyptian funerary portraits a richly interdisciplinary study, and one that highlights the hybrid nature of Roman Egypt, a period and region that in the past was overlooked and considered to be a time of decline for Egyptian and Roman art.[493] Past scholarship has attempted to interpret their character and ethnicity.[494] What can be gleaned is information relating to social class and cultural traditions. Hairstyles and jewellery align closely with the fashions of Rome's elite. When considering the cost, cultures, and context, the Egyptian mummy portraits are a rare example of an art form that is deeply anchored in the Hellenic and Egyptian tradition. These portraits, probably of the local elite, bring together the Egyptian, Greek, and Roman culture, and most visibly merge their three artistic traditions through the jewellery and ornamentation painted on the surface.

Mummy Portraits of Roman Egypt: Jewellery

Klaus Parlasca's four volume *Ritratti di Mummie* offers the most complete catalogue to date of Egyptian mummy portraits. The 1,032 portraits represented in Parlasca's four volumes have been identified as genuine and not forgeries.[495] There are 448 representations of men, 505 of women, and 79 of children. Of the total, 67 of the 448 men (15%), 441 of the 505 women (87%), and 50 of the 79 children (63%) are shown wearing jewellery. The majority of the portraits catalogued by Parlasca were printed in black and white. Some of these have been published in colour in other publications, but for the most part, their only documented image is in shades of grey. The lack of colour presents a challenge in identifying what gemstones were portrayed. The shape of the beads or stones can sometimes be used as a form of identification,[496] but in most cases, without the element of colour the exact type of gemstone is unknown.

Of the complete set of portraits catalogued by Parlasca, a number have been selected as illustrations of particular jewellery styles and trends. The quantification and statistical analysis presented is based on the complete collection of 1,032, so as to discuss the relationship between painted depictions of jewellery from Egypt's funerary portraiture and how they compare to the archaeological findings in Egypt and abroad.[497]

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[493] The works of W. M. F. Petrie from 1885-1927; Borg 1996, 1998, 2010, 2012; Daszewski 1997; Bagnall, 1997, 2003, 2005, 2006a, 2006b; Freccero 2000; Riggs 2000, 2002; Borg and Most 2010; Bagnall and Davoli 2011; Bagnall 2013.

[494] Parlasca 1966, 14-15; Borg 1998, 35-37; 2000, 66-67.

[495] Parlasca makes note of any forgeries at the end of the fourth publication, and these have not been included in this study.

[496] Pearls are often identifiable through their rounded shape and through comparative analysis with portraits documented in colour. Emeralds survive in their natural crystalline form in the archaeological record as well as on the mummy portraits, making them relatively identifiable.

[497] The portraits have been selected for their colour and/or detail.

The portraits cited here represent findings from Hawara, er-Rubayat, Antinoopolis, Saqqâra and Ankyronopolis, as well as those with an unknown provenance.[498]

The jewellery depicted on the mummy portraits can be organized into five types: earrings, necklaces, rings, bracelets, and hair ornaments. The level of ornamentation is not standardized, with some portraits shown wearing all five types, some only one, while others have none.[499] A typological analysis of Egyptian mummy portraits and their jewellery was conducted by Ogden in 1990, demonstrates that many of the jewellery styles appear in the archaeological record, while others do not.[500] In 2000, Walker compared some portraits to jewellery from the period, contextualizing the pieces and demonstrating how closely aligned much of the painted jewellery was to its physical counterpart.[501] As these portraits are meant to reflect the local elite living in Egypt during the 1st– 3rd century AD, how much of their jewellery appeared in the Egyptian archaeological record relates to what its presence or absence says about the Egyptian jewellery and gem trade of the time. As many of the portraits were removed from their mummified forms—and little if any information survives regarding what jewellery was buried with the body—the possibility of the portraits being aspirational cannot be ruled out. Cranial reconstruction of some of the mummies have shown a striking resemblance to the paintings.[502] This paired with Ogden and Walker's analysis shows that the portraits largely offer a realistic view of the individual though to what degree is this applicable to the adornment remains unknown. The absence of many of the jewellery types from the Egyptian archaeological record could be explained if one were to argue that the adornments presented on the portraits was inspired by the fashion of the Roman elite but did not represent items owned or worn by the sitter. The extra-large, bright pearl earrings and necklace worn by Julia Domna on the Severan tondo (Fig. 80), and the pearl necklace and earrings worn by a matron depicted in a Pompeian mosaic from a household in Insula VI.15 (Fig. 81), could have inspired the sitter and/or artist.[503] Inconsistencies between the archaeological and portrait records could also be explained through an analysis of the jewellery itself. That is to say, at its core gold and gem-set jewellery is a financial investment, and one could argue it is unlikely to bury a family's assets with the deceased. Instead, the jewellery would have been kept by the living, worn by the next generation, recycled into more fashionable styles as time passed, or broken up for parts and sold. The

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[498] The portraits in this catalogue are from collections in Europe, Africa, and North America. This catalogue was compiled through an analysis of the work by Parlasca, Corcoran, Doxiadis, Roberts, Walker, and Bierbrier.

[499] The majority of male portraits show no jewellery (85%), while the minority of children (37%) and female portraits (13%) are shown unadorned.

[500] Ogden 1990.

[501] Walker 2000, 149-160.

[502] Roberts 2008, 28-29; Prag 2002, 55-63.

[503] An expansion to the aspirational jewellery theory is the hypothesized use of prop costume jewellery provided by the artist to create the intended scene. To date no evidence of this has been found, but when considering the Fayum portraits, Roberts and others have discussed the possibility of an artist being responsible for more than one portrait, suggesting the presence of a workshop. If this was the case, and they were looking to bring some added luxury and class to the portrait, prop jewellery made of glass or paste would suffice.

practice of recycling or selling jewellery is well supported by evidence of patrons bringing their own gold and stones to goldsmiths and jewellers, as well as literary references to individuals selling their jewellery to pawnshops for money, or using them as collateral for loans.[504] A final theory is that the inconsistencies in the records are due to archaeological and cataloguing biases, both of which were discussed in Chapter 4 when analysing the gems with an Egyptian provenance.[505]

Mummy Portraits of Roman Egypt: Jewellery—Men

Of the 448 portraits of men, 67 or 15% were painted with some form of ornamentation, with the figures generally shown wearing diadems or wreaths,[506] and four portraits painted with a single earring. As many of the portraits have been separated from their mummified bodies, it is unclear how many male portraits were shown wearing rings and bracelets.[507] The small sample of male portraits painted with an earring suggests a possible cultural or religious significance to the adornment. Of the four portraits, two can be identified as depicting young military officers (Fig. 82 Portrait 28 and Fig. 83 Portrait 29),[508] while a third is a priest (Fig. 84 Portrait 33).[509] The young military officers are also decorated with similar golden wreaths, with the leaves of the wreath on Fig. 82 Portrait 28, painted in a tightly stacked set; while the wreath on Fig. 83 Portrait 29, has three gold leaves tiered at each level, each set generously spaced apart. The portrait identified as that of a priest depicts an older man wearing a seven-point star attached to a solid band, an emblem of the sun, worn by priests of Serapis.[510] The mummy portraits of men wearing jewellery are limited both in number and variety of ornamentation. Whereas the women's portraits are lavishly decorated with polychrome layers of colour meant to depict gemstones and pearls, the male portraits are ornamented with gold jewellery, save for one possible exception: the portrait of a man wearing a gold hoop earring with a pearl pendant (Fig. 85). The argument could be made that it is not a pearl, but a metal bead; nonetheless, this one portrait does not detract from the evidence identifying gemstones as being a generally female adornment.

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[504] Husselman 1961, 256. A document from the 2nd century AD (*P.Lond.* 193 verso) lists the names of the borrowers and the items pawned. The wife of Valerius is listed as having pawned a pair of silver armlets and bracelets, while in *P.Oxy.* 1.114 (dating to the 2nd/3rd century AD) a woman gives a friend instruction on how to redeem her property from the pawnshop. The goods had been pawned for two minas, and the transaction included a directive to sell two of the bracelets that make up the property if the money sent is not sufficient to cover the debt and interest.

[505] Chapter 4, pp. 109-114.

[506] Portraits 28, 29, and 33 show wreaths and diadems decorating the men's heads. Portrait 29 appears to be wearing a necklace, which looks to be gold, but Walker et al. (2000) make no mention of this necklace or its material.

[507] Only a small number of mummies and portraits survive together, from these we can see that the hands and arms were often painted on the surface of the mummified body, in some instances directly on the fabric binding.

[508] Corcoran 1995, 69.

[509] Ibid., 71

[510] Doxiadis 2000, 195; Walker 2000, 69.

Mummy Portraits of Roman Egypt: Jewellery—Children

Children are painted with varying degrees of luxurious dress and ornamentation, and of the 79 portraits of children, 63% are depicted with jewellery. A challenge unique to the portraits of children is identifying gender, which in many cases is unclear. Due to the inability to accurately catalogue the 79 portraits of children by gender, it would be difficult to make a sound argument regarding the jewellery trends in the portraits as evidence of gendered adornment existing since childhood. The children's portraits depict a wide variety of jewellery types including necklaces, bracelets, rings, earrings, and hair ornaments. Though varied in typology, the jewellery of the children does not contain any gems, with the pieces made from gold medallions (Fig. 86 and Fig. 87), flowers and leather (Fig. 88 Portrait 49) and gold-shaped pendants many of which appear to be crescent-shaped (Fig. 89 Portrait 48).

The absence of pieces in the empire-wide assemblage that could have belonged to children is because they did not appear to wear jewellery with gems, and thus anything they wore would not have been included in this study.

Mummy Portraits of Roman Egypt: Jewellery—Women

Comprising nearly half of the total number of portraits discovered, 87% of the portraits of women (440) were adorned with a great variety of jewels, some simply with earrings, while others appear to be nearly covered in painted gemstones and gold.[511] One of the challenges faced is only being able to analyse the portraits on their own, without the benefit of the elements pertaining to the archaeological context. With many decorative and ornamental devices painted on the surface of the mummy, the true percentage of individuals being shown wearing jewels, and having been buried with jewellery, may have indeed been different.

While the jewellery pairings and types may vary, the common denominator appears to be the presence of earrings. Every single portrait painted with jewels is shown with earrings. Analysing the earring types and their pairings with necklaces and hair ornaments will identify jewellery trends and styles of the time, as well as social standing and economic wealth. From the perspective of material consumption, it is immediately evident that the jewellery worn by the women painted in these portraits favoured pearls above all other jewels. With the exception of a small number of 1st-century AD portraits, the majority of the women were painted with some form of pearl jewellery. Of the 441 portraits of women wearing jewellery, 215 (or 49%) were painted wearing pearls. The second most common gemstone appearing in 105 portraits of women are emeralds, closely followed by garnets and/or amethysts.[512] The high incidence of pearls and

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[511] Portraits 11, 27, 42, 44 and 46 are a few of the portraits showing the majority of jewellery types.

[512] It is at times difficult to distinguish between painted amethysts and garnets, as the colors, purple/deep red are quite similar, as are the shapes of the beads.

emeralds featured in Fayum painted jewellery corroborates what is exemplified by the empire-wide assemblage identifying both as being more common in earrings and necklaces than in finger rings. As the Fayum portraits attest, the popularity could be attributed to sourcing: pearls, garnets, and emeralds were either sourced and/or sold in Egypt, making them affordable and accessible materials for Roman-Egyptian jewellers. Their accessibility and affordability made them the preferred gemstones for exportation, as these would have been considered exotic at their destination; and while they were high-value items locally, they would have produced vast sums of money when sold in foreign markets.[513] While pearls were locally sourced, the high number of Egyptian mummy portraits featuring pearls suggests that to the Egyptian elite, foreign demand for pearls made them desirable, and the obsessions of the wealthy became the desires for the lower classes.[514]

Mummy Portraits of Roman Egypt: Jewellery—Women, Bracelets and Rings

In comparing the Roman Egyptian jewellery record with the mummy portraits, it is immediately clear that once the portraits themselves are removed from the context of their mummified bodies, an analysis of rings and bracelets is near impossible, as the arms and hands are often painted/sculpted on the surface of the mummified form, well below the painted portrait. Three exceptions to this are portraits showing one or both women's hands (Fig. 90). Portrait 31, from er-Rubayat and dated to the early 2nd century AD, shows a woman holding a small unguentarium in her right hand. She wears a three-ring gold band on her right ring finger and a thick single-head snake bracelet around her wrist.[515] Portrait 32, dated to the early– mid 2nd century AD, also from er-Rubayat, shows a simply adorned woman holding a braid of rose petals in her left hand. She wears no rings or bracelets, suggesting that the painter included her hand as the vehicle by which the rose petals were to be shown. These, as well as stemmed flowers, were symbols of life and were often depicted on the mummy portraits of men, women, and children.[516] The last example, Portrait 39 from Hawara, dated to the mid-1st century AD, was painted on a linen shroud, and is thus quite faded. Petrie was able to salvage much of the portrait, including the lower portion that showed her crossed arms. She was painted holding a red folded garland in her right hand, a pair of thick double-headed snake bracelets on both wrists, and a gold ring on her right middle finger. From these three portraits it is suggested that the primary reason for including a hand or hands was to show something personal: the unguentarium or the floral imagery. The absence of jewellery in one of the portraits suggests that at least when considering

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[513] Schörle 2015, 52.

[514] *NH* 9.114: '*cupiuntque iam et paupers, lictorem feminae in publico unionem esse dictitantes.*'

[515] This style of snake bracelet was often worn as a pair, but with her left hand missing from the portrait, it is unclear if the bracelet shown belonged to a set. A complete set can be seen in Portrait 39.

[516] Fig. 88 and Fig. 89 are of children with their hands and arms included in the portrait—both are shown wearing jewellery and holding a bound garland of rose petals. The jewellery is muted in colour and is gold with no apparent gemstone inclusion.

rings and bracelets, it appears to be a realistic and purposeful addition to the portrait and not an aspirational inclusion. The same cannot be said for examples with painted/sculpted hands on the surface of the mummy. Portrait 42, dated to the mid-2nd century AD found at Hawara, is possibly the most decorated portrait from this period (Fig. 91). Her arms and hands, sculpted in relief on the surface of her sarcophagus, are decorated with wide gemstone-set bangles and numerous gold rings. Her five layered necklaces showcasing pearls, garnets, emeralds, and gold are reminiscent of the Palmyra portraits with their tiered necklaces carved as such for best visual appreciation (Fig. 92).

Mummy Portraits of Roman Egypt: Jewellery—Women—Earrings and Necklaces

The hoop-style earring, a vestige from the Hellenistic period, is the most common type of earrings of the time, appearing on nearly all the mummy portraits decorated with jewellery. The traditional hoop—where the ends of the earring hook together—came in many forms, some with and some without stones. During the Hellenistic period, hoops with animal or human-head finials and threaded beads were very popular, but these seemingly disappear from the general archaeological record at the start of the 1st century AD. This is confirmed by the absence of this type of earring on Egyptian mummy portraits, and no examples to date have been found in Roman Egypt.

During the 1st and 2nd centuries AD the traditional gold hoop earring decorated with pearls and stones was popularized. More than 20% of the Egyptian mummy portraits of women are shown wearing a type of hoop earring, where the ends of the earring hook together and the body of the hoop is decorated with beads, pearls and/or pendants. Several portraits are shown wearing hoop earrings (Fig. 93): Portraits 13, 17, 18, 19, 21, 22, 27, 35, 38, 44, and 45. Of these, the most common is the hoop earring with pearls and small gold spacer beads. The second most popular is the gold hoop with pendant style, which appears with great abundance in both catalogues, seemingly one of the most popular styles of earring at the time. An example from Egypt dates to the 1st– 2nd century AD and is decorated with small gold-worked pendant (DS. 9711). Examples from the empire-wide catalogue show the use of pearls and emeralds as part of the earring pendant, an example from the 3rd century AD shows a gold hoop upon which was threaded a box-set emerald and below that an irregular shaped pearl (Fig. 21, DS. 6,285).

A third variation on the hoop earring is what Higgins called the S-shape earring, where a gold S-shape hook is threaded with gems and/or pearls.[517] Four of the portraits show S-shape earrings with 2– 4 pearls threaded on the gold wire (Fig. 94).[518] There are variant types of S-shape earrings shown on the mummy portraits. Some are composed of a succession of three or four pearls threaded on a gold wire, as seen on four portraits: 4, 7, 14 and 32 (Fig. 94). Others are a combination of pearls and emeralds as seen

[517] Higgins 1980, 178.

[518] Portraits 4, 6, 7, 14, 26 and 32.

on a portrait from Saqqâra, Portrait 26 (Fig. 95), or pearls and gold beads as seen on a portrait of unknown provenance, Portrait 6 (Fig. 96). The challenge that lies in identifying the distinct components of the S-shape earrings is that what looks to be a pearl could instead be a silver bead, what looks like gold could be glass or copper, and what has been identified as emerald could be glass, faience, or something altogether different.

During the Roman period the hoop style was far more decorative than the earlier S-shape earrings. A pair of earrings dated 2nd to the 3rd century AD from the British Museum is decorated with a heart-shaped sapphire below which hangs a pendant of a garnet and plasma bead (DS. 6,659), while another, also in the British Museum, is decorated with nine small irregular-shaped pearls (Fig. 24, DS. 9,709). This latest example is the most closely aligned with that depicted on the portraits. A pair from Egypt, dated 1st to the 2nd century AD at the Victoria and Albert Museum in London, has two small but evenly matched cream-coloured pearls separated by a small gold twisted bead (DS. 9,712), nearly identical to the style worn by portrait 6 (Fig. 96). The pearls of the V&A earrings are small, though beautifully coloured and smooth, probably sourced from the Red Sea.[519] These are in direct contrast to the nine-pearl earring from the British Museum, whose pearls are irregular in shape, have pitted uneven surfaces resembling flakes of mica, and which were probably sourced in the Indian Ocean.

S-shape earrings were commonly found in 2nd-century AD mummy portraits of women, though they do not make up a high percentage of the catalogues of archaeological finds of jewellery. This irregularity may be due to the fact that pearls rarely survive in archaeological deposits.

The S-shaped earrings look to be traditionally matched with beaded necklaces and gold chains with a pendant. This pairing of necklaces looks to be the most common amongst the Egyptian mummy portraits, depicted not only with the S-shape earring, but also with the gold ball type, the bar and drop earring, and lastly the examples of the gold chain with pendant. After studying this pairing, Ogden concluded that the quality and skill level required to produce the S-shape earring and beaded necklaces was low in comparison to the other styles of Roman jewellery.[520] His assessment of technique is sound if the stones and pearls were arriving to the jeweller already cut and bored, though less skill does not necessarily mean a lower cost. Every example of S-shaped earrings found and painted includes two or more pearls, and although irregular in shape and colour, they were not inexpensive. In addition to the mastery of material and technique needed to produce gold chains, the use of emeralds, pearls, and gold beads in the necklaces denotes a certain level

[519] Meyer et al. 2013, 1-11. Extraction of oyster DNA from a pearl has proven to be a successful way of identifying its source, but the method is very invasive. An alternative is to do comparative analysis of pearls from the period in order to deduce their origins. Pliny, *NH*, 9. 56. 113, described the Red Sea pearls as being bright and beautifully coloured, though they tended to be small and unevenly shaped.

[520] Ogden 1990, 11.

of wealth and class, as these are not inexpensive materials.[521] What is significant is the commonness of S-shape pearl earrings paired with an emerald, pearl, and/or gold beaded necklace. Analysis of the jewellery catalogued in Chapters 3 and 5 identifies the consistent pairing of emeralds and pearls in earrings and necklaces. [522]

A necklace dated to the 1st century AD and found in Oplontis as a part of a jewellery and coin assemblage lost in the eruption of Mt. Vesuvius (Fig. 97, DS. 6,173), is an exact version of the emerald and gold beaded necklaces painted on the Egyptian mummy portrait (Fig. 98). Aside from the ovoid gold and emerald beaded necklace from Oplontis, the rest of the necklaces from the empire-wide and Egyptian catalogues only slightly resemble the painted versions. Since emeralds were mined in Egypt, and pearls came either from the Red Sea or were imported to Egypt through it, the gold and emerald necklaces found in Italy probably represented Egyptian exports.

Egyptian jewellers may have capitalized on the less expensive and locally sourced gold, emeralds, and pearls, making jewellery that would appeal to the Mediterranean region's taste for the exotic.[523] An example perhaps of one such import is a necklace found in Pompeii, and now in the Museo Archeologico Nazionale in Naples, which displays large baroque pearls and bright green emeralds on a ribbon-wire necklace (Fig. 99, DS. 6,257).

A 2nd-century AD gold and emerald necklace of unknown provenance has rectangular emerald beads,[524] but rather than being spaced by gold beads or pearls as seen on portraits 4, 7, 14 and 32 (Fig. 94), the necklace has small, stylized Herakles knot links (Fig. 100, DS. 6,198). Another example from the 2nd-3rd century AD has eighteen pale, irregular emeralds in their natural hexagonal form on individual gold wire links (Fig. 101, DS. 6,200). Both examples resemble the necklaces on the portraits but are not exact representations; it is not until the late Roman–early Byzantine period that near-identical necklaces would be found. A 6th-7th-century AD moulded emerald plasma and pearl necklace appears to be the closest example to the Egyptian mummy portrait necklaces in its combination of stone and pearl links but is chronologically out of place for an analysis of Egyptian mummy portraits (Fig. 102). The lack of archaeological evidence to support the emerald, gold, and pearl type necklace could be viewed as a result

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[521] The possibility does exist that what we see as pearls are in fact pickled or highly polished silver beads, making this a discussion of extremes: either the earrings are very cheap or very expensive pieces of jewellery.

[522] Because of the survival bias against pearls and the fact that emeralds were primarily present in jewellery types not represented by many of the catalogues which focus on engraved gems, blank gems, and finger rings, Chapter 3 identifies the material pairing and Chapter 5 explores it further with respect to the jewellery from the coin hoards.

[523] With no transport costs or customs dues, Egyptian jewellers were able to readily access emeralds and pearls, producing vast amounts of jewellery that is visibly seen on the portraits, though for the most part found abroad, or outside of Egypt. Such an arrangement benefitted the individual jewellers as well as the state (see Schörle 2015, 43).

[524] When emeralds are kept in their natural hexagonal crystalline form they look like rectangles with rounded edges. Because of the challenges met when trying to carve an emerald, it was most often kept in its original form, hence the popularity of the rectangular emerald bead.

of pearls being extremely fragile. Archaeological evidence supporting this theory comes in the form of necklaces that have been found with beads threaded loosely on gold links, which were probably tightly threaded in antiquity, but the pearls have disintegrated, leaving behind openings on the links, as seen in a 2nd-3rd-century AD gold-link necklace from Syria that has two surviving pearls and the remaining links are empty (Fig. 103, DS. 9,751).

The remaining three styles of jewellery to be discussed are the ball, bar, and drop style earrings. The ball style earring is perhaps the simplest in construction made in two sections forming a sphere and soldered together with a hook. Eleven portraits, nearly all of which are dated to the 1st century AD, show a small gold sphere sitting atop a large gold sphere (Fig. 104 and Fig. 105).[525] When the search for a provenanced Egyptian example proved futile, there are examples in the empire-wide catalogue of not just the gold ball earrings (Fig. 106), but also what appears to be a 1st-century AD embellished version that was built from hexagonal emerald beads sewn on a convex grid of gold wire (Fig. 107, DS. 6,168).

The bar and drop style earrings, *crotalum* or 'castanets' as Pliny refers to them, are gold hooks attached to a bar, from which a hang a pair of pendants. This style of earring is featured prominently on the Egyptian mummy portraits, appearing on nine portraits dating from the mid-1st/late-2nd century AD (Fig. 108 and Fig. 109).[526] To date, there is no example of this style in Egypt, but a well-preserved example featuring a set of pearls was found in Oplontis (Fig. 110, DS. 9,721). The pearls are evenly sized and appear to have little surface damage, their colour is creamy pink, and suggests that the pearls were sourced from the Red Sea, as they are not large but bear good colouring and an even shape. A second example from the 3rd century AD has three pendants: two pearls and an emerald (Fig. 111, DS. 6,291).

The pendant-style earring, consisting of a stud and a large hanging element, usually a large pearl, gem/glass bead, or gold decorative bead, gained favour at the beginning of the 2nd century AD, and went on to replace the ball-style in popularity.[527] Eight portraits (1, 2, 20, 23, 25, 34, 41, and 42) display examples of this style and the types of gems and metal beads commonly employed in the pendant design (Fig. 112). Pearls were frequently used in this design, as were gold-only elements offering an inexpensive alternative to the costlier gem-set earrings (Fig. 113, DS. 6,719). It is not apparent that a pattern existed between the pendant earrings and the number and style of necklaces, as has been observed with other earring styles, suggesting that this style was viewed individually and not part of a parure.

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[525] Eight portraits are portraits 10, 12, 15, 16, 52, 39, 40, 43, 51. None of the portraits were found in Antinoopolis, which supports the theory that this earring style was only fashionable during the 1st century AD, as Antinoopolis was founded in AD 130. Three of the portraits present a possible exception—as they have unknown provenance. One is dated to the 1st century AD, while the remaining two are dated to AD 110-120 and AD 117-138.

[526] Portrait 47 from Ankyronopolis, portraits 3, 5, 11, 37, and 45 from Hawara, and 24, 30, and 31 from Er-Rubayat.

[527] Higgins 1980, 178.

In considering the adornment depicted on the Fayum portraits from a material perspective, pearls (or beads resembling pearls) greatly outnumber any other gem-type portrayed. Of the 1,032 portraits, 558 are painted with jewellery. Of these 558, 217 portraits (about 39%), are depicted wearing pearl jewellery: one man, one child, and 215 women. Of the 215 women painted with pearl jewellery, 202 are wearing pearl earrings, and 33 are wearing pearl necklaces.[528] When looking at the archaeological record from the Roman period in Egypt, only one provenanced example of pearl jewellery survives: a gold, pearl, and emerald bracelet dated to the 1st century AD from Ashmounein (Fig. 114, DS. 6,283). In assessing the portraits wearing pearl jewellery, the pairing of pearls and emeralds appears with the highest degree of frequency. There are 105 portraits of women painted wearing emeralds (24%), and 23 of these (5%) are painted with pearl and emerald jewellery.[529] With lower transport costs and customs dues,[530] Egyptian jewellers would have had ready access to locally sourced emeralds and pearls, producing vast amounts of jewellery that are visibly seen on the portraits, though for the most part found abroad, outside of Egypt.

Due to the challenges faced when conducting a quantitative study of jewellery provenanced to Egypt, including survival, cataloguing, and archaeological biases, the Fayum portraits offer a singular look at jewellery trends, gem pairings, and preferences that otherwise would be lost to time.

The Palmyra Portraits

Located at an oasis halfway between the Euphrates River and the Mediterranean Sea, in the centre of what is now modern-day Syria, Palmyra played an important role as a rich and prosperous mercantile centre, renowned for its art, architecture and diverse cultural history (Fig. 115). Pliny described Palmyra as 'isolated by Nature from the world, having a destiny of its own…',[531] a fitting description for a rich and prosperous city at the centre of the Syrian Desert and the Fertile Crescent, connecting Mesopotamia and the East with the Roman world. After centuries of independence, Palmyra was incorporated into the Roman Empire in the 1st century AD, quickly taking full advantage of its geographic location to benefit from the growing Roman and Parthian Empires.[532] Now a wealthy city with established trade colonies spread across the Roman Empire and a rich artistic identity, Palmyra expanded its commercial endeavours, reaching great

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[528] There is an overlap of 20 portraits of women painted wearing pearl earrings and pearl necklaces.

[529] This is a quantitative study of the portraits that have been reproduced in colour, and pearl and emeralds are the most common gem-pearl pairing. That said, what looks to the eye as an emerald, may be a green glass bead, these percentages are not meant to be taken as exact, but as identifications of trends of particular gem usage.

[530] Schörle 2015, 52

[531] *NH* 5. 83.

[532] Gawlikowski 1994, 29.

economic heights throughout the 1st-2nd century AD. With expansion came the eventual decline, and in the early 3rd century AD, under Severan rule, Palmyra's role as a conduit for luxury caravans began to wane. A change in the pattern of commerce, and the waging of the Persian Wars, brought about a decline in trade along the Euphrates, which caused political discord and infighting.[533] It was in this tumultuous time that Palmyra's self-styled king, Odenathus, was killed, leaving his wife and son, Zenobia and Vaballathus, to assume power. Zenobia declared Vaballathus as Augustus, a succession that brought about a revolution against Rome, a declaration of Palmyrene independence, and Palmyra's invasion of Egypt in AD 267/270.[534] Irrespective of the strategic aims of Zenobia and Vaballathus, the affront to Roman imperial authority triggered the mobilizing of Roman troops to the East.[535] In a series of battles waged in Antioch, Emesa, and finally at the gates of Palmyra, that Aurelian and Rome's imperial forces fought against Zenobia, concluding with her capture at the banks of the Euphrates river in AD 272.[536] Back under Roman rule, Palmyra was spared,[537] only once again to rise up against Aurelian by trying to tempt the prefect Marcellinus to assume imperial power.[538] All was for naught, as Marcellinus had been keeping Aurelian informed of the turn of events. Aurelian returned to Palmyra in AD 273, and quashed the rebellion, bringing an end to Palmyra and its role as a city of regional importance.[539] This closes the chapter on Palmyra as a prosperous and flourishing mercantile and artistic centre, though for a time, its artistic history survived largely through its architecture and sculptural portraiture.[540]

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[533] Colledge 1976, 20-22; Smith 2013, 178.

[534] *Malalas Chronographia*, 299; Isaac 2000, 222-223; Dodgeon and Lieu 2002, 83-89; Smith 2013, 178. Accounts are fragmentary regarding motivation for the revolt, and the exact dates of troop movement and declarations. We know from John Malalas in his Chronographia, written in the 6th century AD, that Palmyrene forces seized Egypt in AD 269/270, which provides the date range for the declaration of independence from Rome. Malalas also claims that Zenobia invaded Egypt to avenge the death of her husband Odenathus.

[535] Isaac 2000, 223; Smith 2013, 180.

[536] Ibid.

[537] Zosimus *Historia Nova* 1.54–56.

[538] Zosimus *Historia Nova* 1.59–61. A small group of Palmyrenes led by Septimius Apsaios looked to usurp Aurelian by elevating Marcellinus to the rank of Augustus.

[539] Colledge 1976, 22; Gawlikowski 1994, 32; Smith 2013, 178, 181.

[540] As a result of the Syrian Civil War in 2013, the city of Palmyra became a battleground in the war between the rebel forces and the Syrian government. Then on the 21st of May 2013 ISIL (Islamic State of Iraq and the Levant) entered Palmyra and took over the city until it was re-captured by Syrian forces on the 27th of March 2016. Subsequent battles saw ISIL regain control of Palmyra in December of that same year, and later lose control of the city in March of 2017. The years of war continue to ravage the city, damaging both the architectural and sculptural monuments of the ancient site. ISIL responding to the syncretist nature of Palmyra and her history, destroyed images and buildings they ascribed to idolatry and apostasy. In response to the destruction, non-profit organizations in consultation with UNESCO, the United Nations, and assorted archaeological associations and museums have been working together to restore Palmyra. During a recent presentation of the exhibition 'I Volti di Palmira' archaeologist Paolo Matthiae explained that using both traditional and modern technologies 70% of the city's monuments could be reconstructed.

Jewellery of the Palmyra Portraits

Scholarship on Palmyra, in particular Roman Palmyra, has looked to evidence of its system of taxation, trading activities, and visual culture to explore a self-governed city that would become an important location when travelling from Rome to the east. [541] Understanding its visual culture has benefitted from numerous studies that address the art of Palmyra, and its identity as a city and commercial and political centre, but what was still needed was a comprehensive study of the rich collection of sculpted portraits from Palmyra.[542]

The Palmyra Portrait Project, founded in 2012 under the auspices of the Ny Carlsberg foundation, endeavors to compile a complete list of portraits, assessing them according to style, function, and chronology. Their work is ongoing, and a number of publications have arisen from their initial findings including a comprehensive catalogue of the portraits from the project has only recently been published.[543]

At the last estimate the Palmyra Portrait Project counted over 3,000 funerary portraits dispersed across the world's museums, private collections, and antiquities markets.[544] These sculpted portraits derived much of their representation from Greek and Roman portraiture, with a strong influence from the local Palmyrene culture and style.[545]

The portraiture of Palmyra falls into two categories, public and funerary portraiture, the most common being the funerary portrait bust carved in high relief from limestone and used to seal *loculi*, or burial niches, inside tombs. Burials in Palmyra consisted of family tombs, which were tower tombs,

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[541] Many scholars have studied a variety of aspects relating to the ancient city of Palmyra. The sources that follow focus chiefly on aspects relating to the visual culture: Ingholt 1928; Mackay 1949; College 1976; Sadurska and Bounni 1994; Heyn 2010; Kropp and Raja 2014. While others look to taxation and trade: Starcky and Gawlikowski 1985; Will 1992; Millar 1993; Danti 2001; Young 2001; Sartre and Sartre-Fauriat 2008; Schmidt-Colinet 2009; Smith 2013.

[542] Sadurska and Bounni (1994) is the only volume to date that deals exclusively with portraits, but their analysis is focused on portraits from identified hypogea.

[543] Kropp and Raja 2014, 2016; Krag 2017a; Blömer and Raja 2019; Raja 2022. The complete list can be found in the online page for the Aarhus University—Palmyra Portrait Project: https://projects.au.dk/palmyraportrait/ In a recently published online update project status report from 2012-2018 (http://www.e-pages.dk/aarhusuniversitet/1862/html5/), the different facets of the project are briefly explored, but the jewellery depicted in the portraits is not present in the update. Krag, the jewellery and female portrait specialist for the Palmyra Portrait Project, presented her findings at a two-part workshop in 2014 at the University of Aarhus and later in published in Long and Sørensen (2017), regarding the jewellery in the portraits. In 2019 the *Catalogue: the Palmyra collection: Ny Carlsberg Glyptotek* was published, marking the first time the entire collection of funerary monuments was presented. Unfortunately, this seminal publication by Mortensen, Nielsen, and Raja, was not available for reference and inclusion in this chapter as it is not in the Stanford or Berkeley libraries, and due to travel restrictions, the author was unable to access the copy in the collection at the Sackler Library in Oxford.

[544] Kropp and Raja 2014, 393; Long and Sørensen 2017, 8.

[545] Scholarship on the subject of Palmyrene art has been advanced by seminal publications by Ingholt (1928), Mackay (1949), College (1976), Heyn (2010/2012), and Raja (2022). In particular is Mackay's publication, which identifies each jewellery type and sets Palmyrene jewellery in the greater context of adornment during the Roman period.

underground tombs (hypogea), or temple tombs,[546] and within these the sculptural programmes were family reliefs or individual funerary busts. Because the honorific and monumental sculpture of Palmyra has very nearly vanished,[547] the Palmyrene funerary busts represent an important category of sculptural material with which to analyse and address Palmyra's artistic and cultural history. Contextually dating the Palmyra funerary portraits is nearly impossible due to the fact that the tombs have been looted and many of the sculptures were removed from their loculi and tombs. Ingholt's 1928 typological study of portraiture made great strides in categorizing and analysing identified groups within the greater assemblage of Palmyrene funerary sculpture. He classified the portraits into three specific groups, identified through particular trends of adornment: Group I dates to AD 50– 150, Group II dates from AD 150– 200, and Group III dates from AD 200– 273.[548]

Male portraiture was characteristic in the adoption of a western style of dress, while female portraiture depicted women wearing local dress: veils under their turbans, and varying degrees of jewellery and adornment.[549] Heyn demonstrates that while epigraphic evidence shows that Palmyrene society was male-dominated, images of women engaging in appropriate activities such as spinning, weaving, and breastfeeding are to be understood as signs of their familial status, making their jewellery a symbol of the family's wealth.[550]

Women in Group I wore little jewellery and were often shown holding a spindle and distaff in the left hand, objects used in the spinning of yarn or thread.[551] Women in Group II were rarely shown holding a spindle and distaff; instead, they were heavily adorned with necklaces, bracelets, earrings, and rings. The women in Group III were more heavily adorned than what was observed in Group II, and many used their left hand to hold their veils.[552] Ingholt's typology characterizes female portraiture and adornment through chronology identifying an increase in jewellery over time,[553] a methodology and conclusion echoed to some

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[546] Richmond 1963, 54; Collon 1995, 199; Danti 2001, 37; Raat 2013, 15.

[547] Colledge 1976, 89.

[548] Many scholars have studied a variety of aspects relating to the ancient city of Palmyra. The sources that follow focus chiefly on aspects relating to the visual culture: Ingholt 1928; Mackay 1949; Colledge 1976; Sadurska and Bounni 1994; Heyn 2010; Kropp and Raja 2014. While others look to taxation and trade: Starcky and Gawlikowski 1985; Will 1992; Millar 1993; Danti 2001; Young 2001; Schmidt-Colinet 2005; Sartre and Sartre-Fauriat 2008; Smith 2013.

[549] Examples exist of males wearing wreaths, though to what degree these resemble the gold wreaths worn by some men from the corpus of Egyptian mummy portraits is unclear. Although the Palmyrene portraits were painted, little of the colour survives, rendering identification of material impossible, and in this case the wreaths may have been gold, or may have been branches.

[550] Heyn 2012, 441.

[551] Colledge 1976, 70; Ploug 1995, 41; Heyn 2010, 114. The spindle and distaff were symbols of domestic virtue and came to represent the ideal mother and wife.

[552] Ingholt 1928, 90-93; Heyn 2012, 440.

[553] Kropp and Raja 2014, 398. Kropp and Raja reference the use of the hairstyle (when visible) as a dating tool. This technique was employed by Parlasca, and often used as a dating device on Roman sculpted portraiture.

degree by Krag.[554] Krag's 2017 analysis does not attempt to refine the current typology, but relates the presence of jewellery from the perspective of change and use, a nuanced aim when considering the archaeological *lacunae* present in Palmyrene portraiture. Other scholars suggest that the quantity of jewellery may not relate directly to the date,[555] but instead it may relate to the rise in female emancipation which connects that the amount of jewellery to wealth rather than date, suggesting that the portraiture was rooted in reality, and depictions of jewellery could be viewed as true images of what the individual wore. [556]

As so few portraits were found in situ, archaeologists have struggled to compare the portrait to the body and identify if any of the jewellery was owned and buried with the deceased.[557] Even without this contextualizing knowledge, a great deal can be gleaned from an analysis of the physical jewellery itself, and while many of the examples provenanced to Syria, have regional localizations, only a small percentage have been connected to specific tombs.[558] One particularly well-preserved pair of 2nd-century AD gold and pearl earrings found in a tomb in Tortosa, now in the British Museum, exemplify the more austere fashion one would associate with Ingolt's stylistic categorization of Group I's portraits (Fig. 116, DS. 9,764).

Raat's analysis of actual jewellery from Palmyra looks at six burials and their respective jewellery finds: the tomb tower of Atenatan in the southwest necropolis,[559] the tomb of Alaine in the Valley of the Tombs,[560] the hypogeum of Sassan in the southeast necropolis,[561] the hypogeum of Zabda in the Valley of the Tombs, Tomb C in the southeast necropolis, and Tomb F in the southeast necropolis.[562] Her quantitative study of the material—84 pieces of jewellery from the six tombs—identifies trends in material usage.[563] The majority of the jewellery (26 pieces) was made from either bronze, copper, or iron, with the second largest (17 pieces) made from silver. The greatest distribution of material came in the form of loose beads, with 308 separate beads from 25 distinct find spots across the six tombs.[564] The materials represented in the beads include carnelian, amethyst, coral, agate, lapis lazuli, limestone, bone, ceramics, faience, gold,

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554 Krag 2017b, 36-51.

555 Mackay 1949, 164.

556 Sadurska and Bunni 1994, 188.

557 Raat 2013, 15, 60-70. Raat's 2013 MA thesis studying the jewellery from Rome and Palmyra focuses on material from tombs, comparing both data sets and addressing questions of context, materiality, and reception during the 1st - 2nd century AD.

558 Ibid.

559 Witecka 1994.

560 Sadurska 1977.

561 Saliby and Parlaska 1992; Sadurska and Bunni 1994, 42.

562 Higuchi and Saito 2001.

563 Raat 2013, 64.

564 Ibid., 62-63. Small groupings of beads were found near the neck and wrist, suggesting that they were originally threaded necklaces and bracelets.

slate, bronze/copper, silver, and wood.[565] The challenge here, which Raat readily recognizes, is that the tombs have been disturbed, and that because of this, the jewellery record can be regarded as incomplete at best. Nonetheless, her quantitative study presents data that corroborates Ingholdt's portrait analysis: women were the more adorned group, and evidently buried with more jewellery.[566]

Ingholt's categorization of three distinct groups goes a long way to assign classification and order to an otherwise vast and challenging corpus, but with continued research, it becomes apparent that the artistic development, iconography, and ornamentation did not evolve in strict linear fashion. When considering the aspect of manufacture, masters and apprentices would have worked together, producing work that merged generational styles, in some cases highlighting new fashion, while in other cases hastening to capture the past. The limestone bust of a woman dated to AD 80– 120, now in the Ashmolean Museum, is an example of this stylistic hybridity, as it is dated to Group I, but is ornamented in the manner characteristic to the portraits from Group II and III (Fig. 117). Her floral repoussé diadem, similar to those from Group I, sits below her turban and is framed by her wavy hair, while her earrings look to be in the stud-pendant style, similar to a pair of gold earrings from Syria dated to the 3rd century AD (Fig. 118). Her beaded necklace (perhaps made of pearls) rests along the edge of her chiton, highlighting her slender neck and suprasternal notch, an ornament traditionally catalogued in Group II, as is her repoussé fibula with trefoil pendants. The Ashmolean portrait, among others, represents a challenge in the chronological categorization of the Palmyra portraits, as style was fluid, making strict classification impossible. Therefore, Ingeholdt's groupings will be used as broad guidelines in order to track stylistic developments in the ornamentation featured on the portraits.

Group I: AD 50– 150

The funerary busts of women from Group I were austere in their fashion and dress, characterized by the carving of the irises of the eye as two concentric circles, and by the near-complete absence of necklaces and bracelets of any kind.[567] Colledge notes some variation in the direction of the arms and hands with respect to their veils, but characterizes them as 'rigidly draped', which aptly denotes the geometric quality of the

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[565] Ibid., 64. Raat does not break down the beads according to material type, but she does note that carnelian and agate were the most 'popular', while lapis lazuli and faience were rare. Pearl is addressed separately and appears to be prominently represented in loose groupings (disintegrated necklaces or bracelets) and earrings.

[566] Ibid., 70. Six women with 21 pieces of jewellery; three men with 9 pieces of jewellery; 12 children with 17 pieces of jewellery; and one family burial with one piece of jewellery.

[567] Mackay 1949, 165; Colledge 1976, 70. Two reliefs, currently in the collection of the Museum of Antiquities in Istanbul, depicting Baaltaya, daughter of Abdastor, and Segel, daughter of Moqimu, are dated to Group I, but show the women wearing necklaces.

incised lines that defined the drapery and form of the period.[568] The jewellery in most portraits consisted of diadems, fibulae, earrings, and later finger rings.

Diadems were worn across the forehead, below the coils of a turban, and can be observed as gradually evolving from plain to striped, and then decorated with repoussé flowers, incised geometric motifs, and acanthus patterns. An example of this detailing can be observed on a bust of a woman dated AD 50– 150 in the British Museum, carved wearing a quatrefoil and acanthus pattern diadem/filet (Fig. 119). With little of the paint left, we have no means of knowing what metal—or material, for that matter—the diadems were made from, though diadems recovered from this period, and paint residue on portraits from Group III, suggests that they were made of gold.

Fibulae were traditionally carved on the left shoulder, fastening the folds of the cloak to the chiton, and appear to conform to one particular style: a trapezoid surmounted with a rosette of four or five petals, or an animal head (usually a lynx or a lion). A bust in the British Museum is carved wearing a trapezoidal-shaped fibula that is decorated with lotus petals (Fig. 120). Some fibulae were carved fastening cloth and holding L-shaped keys ornamented with flowers, and some labelled with respective symbols and inscriptions. This tradition—along with the imagery of the distaff and spindle—symbolized domestic tasks, became less common during the mid-second century AD, a move attributed in great part to the increase in wealth and the presence of slaves, who were entrusted with household keys and goods.

Earrings appear in two types. The first is a number of small hoops worn along the edge of the lobe (Fig. 121). These were worn on their own, or at times paired with a more conventional ball-earring or bar-drop earrings decorated with pearls, two popular styles found in Rome and on the Egyptian funerary portraits (Fig. 116, DS. 9,764). In some cases, the small hoops appear to merge together to form an ornamented 'ear-cover,' and while Mackay asserts that this is a new type of earring,[569] the examples presented do not offer much clarity, and just as easily could be described as individual hoops that would have been delineated through colour, but in its absence appear to merge into one.

The last type of jewellery from this group is the finger ring, which features on later portraits from the period. Traditionally worn on the little finger, these look to be simple bands of metal—either silver, gold, or iron—with other rings set with a stone, possibly an engraved gem, though clarity in detail challenges any further identification of material or gem.[570]

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[568] Colledge 1976, 70.

[569] Mackay 1949, 168.

[570] Ibid., 169.

Group II: AD 150– 200

The portraits from Group II offer imagery from a period of transition, as Palmyra was experiencing a financial, cultural, and artistic boom as the city developed as an international trade emporium.[571]

Portraits from this period were representative of this transition: the eyes were now incised with a single circle, and the early examples of female portraiture still retained the spindle or distaff as iconographic elements speaking to the domestic sphere. As wealth did not come to everyone, and many clearly preferred the traditional styling of the past, many early portraits from Group II retained the simple ornamentation of diadems, brooches, and hoop earrings.[572] With the turn of the century, the earlier simpler style disappeared, making way for more elaborately decorated portraits that made good use of the depth attained through drilling, drawing attention to the hands and wrists with rings and bracelets.

Repoussé diadems became more intricate, both in the decorative patterning and with the addition of cabochon-set gemstones. The portrait of Aththaia, daughter of Malchos, dated to AD 150–200, shows a richly decorated diadem with large, rounded cabochons set on a chain (three on either side), framing Aththaia's temples, curving along the wave of her hair (Fig. 122). The intricate nature of the diadem transcends its function of holding the hair and turban in place, instead becoming a symbol of wealth and power. As the paint has worn away, it is impossible to identify the materials, but their considerable size suggests that the diadems would have probably been metal or glass paste, as a set of gems or pearls of that size have yet to be discovered.[573]

The earrings vary in style and number, with some women shown wearing the small hoops, others foregoing earrings all together, while the majority are shown wearing *crotalia*—or bar and drop style earrings—popular since the first century AD and often featuring pearls. Various examples of this style survive including the pair of pearl *crotalia* from Oplontis (Fig. 110, DS. 9,721).

The bracelets appear to be formed from twisted wire, which traditionally was made from hollowed gold strands twisted spirally, or braided, over a plain section of squared gold. Variations on the patterning of the wire vary from portrait to portrait. The bracelets worn by Balya, who is memorialized in a funerary portrait with her father Yarkhai, dated to AD 150– 200, appear braided (Fig. 123), while those worn by Aththaia appear twisted and layered in a pattern (Fig. 122). Variations of the bracelets have been found composed of twisted gold wire (Fig. 124). The finger rings do not vary greatly in style from the cabochon-

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[571] Seyrig 1941, 155-175; Matthews 1984, 172-173; Young 2001, 155; Smith 2013, 69-70.

[572] Mackay 1949, 170.

[573] The large, rounded cabochons are reminiscent of the pearls worn by Julia Domna on the Severan Tondo, perhaps a sign of Roman imperial influence on Palmyrene jewellery.

set bands observed on the portraits from Group I, though one exception is the wearing of two rings on the same finger, primarily the little finger.

A true differentiation in the jewellery from Group I to Group II is the layering of necklaces, which became almost like thick flat collars of ornaments surrounding the neck and framing the drapery. The necklace closest to the base of the throat appears to always be a strand of pearls or small beads, while the second/third necklaces are often strands of larger beads, round and oblong, or braided chains with crescent-shaped pendants. The pearls were probably sourced from the Persian Gulf and traded at Charax Spasinou,[574] and while examples of pearl strands fitting this description do not survive, beaded gem strands (Fig. 125, DS. 6,155) and crescent-shaped pendants (Fig. 126) have been found in relative abundance throughout the Roman territories.

The jewellery observed on the busts dated to Group II shows to a greater degree the outside influence on local Palmyrene style, though as with any instance of influence it would appear as if the jewellery in Palmyra was using the same words but with different syntax, creating its own language of ornament. The transition away from domestic imagery and the encouragement of a more decorative and naturalistic portrait may have mimicked the expanding freedoms afforded to women during this time with regards to their increasing social influence.[575]

Group III: AD 200–273

The portraits in Group III are characterized by the disappearance of domestic imagery and an increased focus on ornamentation both in jewellery and vestment. Colledge described the portraits from Group III as built up through layers of jewellery and folds of fabric that encompassed the figure, making the form beneath scarcely visible.[576] One of the more unusual examples of Palmyrene ornament and luxury from Group III is the so-called 'Beauty of Palmyra,' an AD 190– 210 portrait of a woman, whose striking appearance is matched by the richly decorative jewellery and ornamented textiles that wrap around her in a yellow-red ochre hue (Fig. 92).[577] Her turban is bejewelled, seemingly an amalgam of all possible styles with three large gem-set framed cabochons pinned to each twist of the turban. The alternating oval and rectangular cabochons are shown gradually increasing in size, with two tiers of decorative chains framing her temples, the first being the rounded cabochon chain reminiscent of the one worn by Aththaia; but rather than three cabochons, the 'Beauty of Palmyra' is decorated with five on either side. Below this hangs

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[574] Mackay 1949, 170-171; Donkin 1998, 32, 84.

[575] Krag 2017b, 39-41. Krag presents the argument that women were now wearing the jewellery 'for themselves', which is an intriguing analysis when discussed in partnership with the subsequent rise of Zenobia and the opportunities that were now afforded to women, including owing their own property and personal wealth.

[576] Colledge 1976, 71.

[577] Raja and Sørensen 2015, 439-450.

a second chain of pendants featuring rounded beads and bars. An emerald, sapphire, and pearl brooch found in Tunis, and dated to the 3rd century AD, is remarkably similar to the central three-gem ornament pinned to the turban, suggesting that in order to achieve this style, a number of decorative chains and elements were layered and pinned to create a composite headdress (Fig. 127, DS. 9,807). The predominant earring style remained the *crotalia*, with a few examples of the bar-drop variety found in Group I (Fig. 110, DS. 9,721), while the fibula retained their decorative repoussé and incised patterning that often framed a rounded cabochon-set gem.

The necklaces increased exponentially in number, with multiple sets of pearl/bead strands, followed by two to three gold chains with crescent pendants, often set above a large cabochon pendant with decorative metalwork and paired stones and pearls. The large cabochon pendant and additional gold-formed chains were in excess of the ornamentation studied in the Group II portraits. The necklaces layered neatly across the chest created a waterfall of jewellery cascading down the front of the form. An intaglio pendant of jasper, pearl, glass, and gold from the 2nd– 3rd century AD is similar to the large pendant necklace worn by the 'Beauty of Palmyra' (Fig. 128, DS. 8,257).

The bracelets and finger rings were reminiscent of the styles worn by the Group II portraits, seemingly retaining popularity with only slight modifications including additional repoussé designs. The thick twisted gold wire bracelets were worn tightly wrapped and are often paired with wider panelled armlets that were incised with organic patterns, effectively covering the forearm in decorated and engraved metal.

The yellow-red ochre hue colouring the portrait bust of the 'Beauty of Palmyra' offers evidence to the original colours used to paint the portraits. A colour study of the Greek and Roman sculpture in the Ny Carlsberg Glyptotek was undertaken in 2008– 2009, in an effort to catalogue the traces of material found on the surface and identified the dominant colours to be yellow and red ochre, carbon black, with madder lake and minute traces of gold leaf found on some parts of the ornamentation. The figure's face was pale white, with traces of red colour on the lips and cheeks, while gold leaf was found on a variety of ground colours, including red, yellow, and pink in order to achieve different tonal variations of gold from piece to piece (Fig. 129).[578] The resulting investigation also found evidence of different materials, including gold, glass, and stone set in the inlaid portions of the jewellery and eyes, creating a vivid and life-like bust that sparkled with light and colour.[579] The hollowed settings of the necklaces, brooch, diadem, and rings would have been decorated with gem or glass cabochons, though what type is unclear. In other Palmyrene portraits the gems were shaped out of limestone and painted, but in the 'Beauty of Palmyra,' the absence of these suggests the inlaying of materials to accent the carved jewellery. The evidence of two drilled holes

[578] Sargent and Therkildsen 2010, 11-26.

[579] Skovmøller 2020, 257-258, 261.

in the top bars of each of Aththaia's pendant earrings from Group II suggests a tradition of threading and setting gems or glass beads and cabochons into the more decorative of funerary monuments (Fig. 122).

The coloured reconstruction of the 'Beauty of Palmyra' presented in 2020 by Cecilie Brøns and the team at the Ny Carlsberg Glyptotek set blue, red, and brown coloured gems into the jewellery (Fig. 130).[580] The red gems are likely to represent carnelian, sardonyx or red jasper, the brown are likely jasper or agate, while the blue stones are most likely lapis lazuli as sapphires of that size do not exist during this period.

Brøns paints one of the necklaces as a strand of pearls and the remaining as plain gold, setting one with a brown stone, and another with a red stone. Examples from the Fayum portraits and the central dataset show that the necklace resting below the pearls would have been set with gems (Fig. 131) in the style of a 2nd-3rd century AD gold, garnet, pearl, and amethyst cabochon necklace (Fig. 132, DS. 6,483). The longer pendant necklace would probably not have featured large brown and red chalcedonies, but rather a rarer gem of a different color, like the large oval amethyst featured in the 3rd century AD pendant necklace from Antaradus (Tartus), Syria (Fig. 133, DS. 8,860). By triangulating the evidence from the Fayum portraits, along with examples of jewellery from the period, and the conclusions made from the empire-wide dataset, the reconstruction of the 'Beauty of Palmyra' is a muted interpretation of the painted adornments. The original funerary monument was likely far more colourfully adorned than appears in the 2020 reconstruction.

Jewellery—Carved and Found

When analysing the jewellery from the empire-wide dataset that was found in Syria, the majority of the pieces are broadly dated to the 1st century BC to the 4th century AD.[581] The 195 pieces found in Syria and catalogued in the central empire-wide dataset breakdown as follows: 7 are dated to the 1st century BC, and 27 are dated to the 1st to the 3rd century AD, when Palmyra was an independent city. Of the entire assemblage of 195 pieces, the five gem types that are not represented are lapis lazuli, aquamarine, diamond, peridot, and turquoise (Table 6.1).

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[580] Brøns 2020, 141-158. Brøns recognizes the challenge in extrapolating the original colour of the gems when there is no evidence to identify what had been intended, though the Fayum portraits and material from the empire-wide dataset suggest an alternative to the reconstruction.

[581] Menant and de Ridder 1898. Of the 195 pieces with a Syrian provenance, 156 are dated to the 1st century BC to the 4th century AD.

Table 6.1 Gem Profile of Syria

Stone	Count
Carnelian	52
Garnet	52
Sardonyx	43
Onyx	12
Amethyst	10
Jasper	9
Emerald	8
Agate	8
Sapphire	6
Pearl	4
Chrysoprase	1
Lapis Lazuli	-
Aquamarine	-
Diamond	-
Peridot	-
Turquoise	-

The gem profile for Roman Syria is varied, though absent some of the rarer gem types that one might expect from a region that was actively engaging as a trading centre during this period. This is not a securely provenanced study of Syrian Roman gemstones, and with the conflicts that have plagued this region, the assemblage of pieces with purported Syrian provenance offers only a preliminary view of the gem profile of Palmyra and its environs. Furthermore, due to the absence of colour, it is impossible to ascertain whether the heavy metal necklaces and large beaded earrings characteristic of the jewellery worn by women from Group II and Group III are meant to represent gemstones, pearls, or metal beads.[582]

Barring a new discovery of securely provenanced Syrian jewellery, analysis of the data set is inconclusive. The limited Syrian finds are more of an evidentiary account of jewellery and gem-type range. With time, and the evolving research being conducted by the Palmyra Portrait Project, there is great promise for a series of qualitative and quantitative studies to be done on the subject of Palmyrene portrait jewellery.

[582] This assertion is based on the Syrian jewellery catalogued in the central dataset, which does not have a secure provenance. Additionally, this thesis focuses on gemstones, omitting jewellery that was metal-only. Witecka 1994, 71-91, presents a catalogue of jewellery found in the tower-tomb of Atenatan in Palmyra, which identifies sample beads and pearl groupings. Raat 2003, No. 13 page 144, looks to the samples discussed by Witecka, but because these pieces—primarily the pearls—could not be corroborated through museum catalogue or databases, they have not been included in this analysis, nor in the central dataset.

Comparison of Jewellery in the Fayum Mummy and Palmyra Portraits

Similar to the Egyptian mummy portraits, the necklaces on the Palmyrene portraits, when depicted as a set, are methodically graduated so as to avoid any overlap and to not detract from their full display.[583] The necklace closest to the base of the throat is always a strand of pearls or small beads, while the second/third necklaces are often strands of larger beads or braided chains with crescent-shaped pendants.[584] The Palmyrene portraits appear far more lavish and adorned than their Egyptian counterparts, though some similarities exist in style and pairing. In tracking the progression of jewellery depictions from Group I to III, it is evident that earrings were present in most portraits shown wearing jewellery,[585] a style choice mirrored in the Fayum portraits, which if shown wearing jewellery, were all painted with earrings.

The question of individualization and whether the Palmyra portraits were customized or mass-produced is difficult to answer with certainty.[586] Some scholars have doubted the characterization of the Palmyra sculptures as 'portraits', citing a lack of individualization amongst the faces.[587] To this point, the existence of duplicate depictions of the same individual raises questions of authenticity, suggesting instead a possible decorative function.[588] Two portraits, one in the British Museum (Fig. 134), and the other in the Ny Carlsberg Glyptotek (Fig. 135), feature the same woman, 'Alâ, daughter of Yarhai, deceased AD 113/114.'[589] The absence of individualization and use of stylized facial features suggests that while the portraits themselves may have subscribed to a particular Palmyrene style, the gestures and ornamentation appear to be personalized.[590] Much like the distaff and spindle, jewellery was meant to reflect aspects of a woman's identity, her wealth and commitment to her family. The gestures—pulling back the veil and touching a finger to their cheek (Fig. 136)—add a sense of dynamism to the portraits, but also moves to draw attention to their necks, heavy with beaded necklaces and golden chains, and their hands adorned with bracelets and rings. The jewellery depicted on the Palmyra portraits is far more lavish than what is seen in

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583 This is an unrealistic depiction of the jewellery, as they would not have lain in such a manner.

584 This stylistic convention of Palmyrene portraits shown with beaded necklaces at the base of the throat followed by chains or larger beads is not shared with Egyptian mummy portraits. The painted portraits show graduated necklaces, but these vary in order and type, with some examples showing the necklace at the base being a chain, while others show multiple sets of beaded necklaces with no chain and crescent pendant.

585 Colledge 1976, 71. Many of the earrings are shared styles including the gold ball earring as well as the bar-drop style, frequently depicted on Egyptian mummy portraits. Colledge cites some examples where jewellery was carved, but earrings were not included.

586 Mackay 1949, 162; Kropp and Raja 2014, 396.

587 Parlasca 1980, 387; Colledge 1976, 68; Heyn 2010, 114.

588 Seyrig 1937, 34.

589 Ploug 1995, 39-42; Colledge 1976, 62 n. 185; Heyn 2010, 114. The inscriptions for both portraits identify her by name and same death date. Heyn offers a possible explanation for the dual portraits as being an example of a married woman being celebrated by both her birth family and that of her husband. This would explain the same inscription for duplicate portraiture.

590 See Heyn 2010 for more on gesture and identity in the portraiture of Palmyra.

the Egyptian funerary portraiture, perhaps a sign of the rich and cosmopolitan identity of Palmyra as a trading centre. In later portraiture from Group III, the weight of the jewellery alone would have been too much to bear, making these idealised portraits perhaps depicting all the jewellery owned (Fig. 137).[591]

It is uncertain whether the jewellery represented was owned or aspirational, though what is significant is the manner in which the jewellery was put on display. Mackay makes an argument in favour of regarding the busts as being fairly accurate representations, noting the attempt at individuality,[592] the dictating of current fashions by the leading class, and the desire for a flattering and godly depiction by the sculptor in order to receive future employment from the family.[593] Recent scholarship, primarily the publications stemming from the Palmyra Portrait Project, presents the opposite view, noting that the Palmyra portraits should not be interpreted as Roman provincial portraiture inspired by imperial styles and fashion, but instead as an independent portrait type, characterized as idealized rather than individualized.[594] These conventional types of men, women, and children are discussed through the commonalities noted in facial features and expressions through "stylised, generic and repetitive visual formulas."[595]

Through adornment a distinct style that blended Greco-Roman, Parthian, and local design was born, linking trends from the outside world, re-inventing them for the Palmyrene context. The archaeological record from this region and time can be described as limited at best, strongly contrasting the rich decorations memorialized in stone. One cannot assume that the limited archaeological record is evidence of aspirational styling, but rather that the survival bias for much of this jewellery is a reality that we must contend with. The beaded strands wound around the necks of the funerary monument to Aththaia from Group II (Fig. 122), and a limestone bust of a matron found in Homs from Group III (Fig. 138), may well have existed as collar of pearls or garnets. The delicate pearl may have disintegrated over time, and the garnet beads could have been easily re-strung and repurposed into another jewellery form or could have survived as a loose grouping of beads.[596] With shifting trade routes, migratory populations, and the open, unprotected nature of the tombs, it comes as no surprise that so little provenanced jewellery survives. Nevertheless, in a similar manner to the study conducted on the Egyptian mummy portraits, analysis of the Palmyra portraits with respect to their jewellery yields some important connections between gem usage,

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[591] Gibbon and Low 1972, 28. Gibbon and Low cite Trebellius Pollio's recounting of the story of Zenobia, the ill-fated queen of Palmyra, who nearly fainted under the weight of her jewellery and golden chains while walking in Aurelian's triumphal procession: "… she was adorned with gems so huge that she labored under the weight of her ornaments; for it is said that this woman, courageous though she was, halted very frequently, saying that she could not endure the load of her gems."

[592] Kropp and Raja 2014, 396. Kropp and Raja make note of the use of generic, de-individualized facial features evident in banqueting scenes, though as these are, without exception, always male, Mackay's argument of an attempt at capturing individuality could still be made.

[593] Mackay 1949, 162.

[594] Kropp and Raja 2014, 403.

[595] Colledge 1976, 62; Parlasca 1985, 350-351; Kropp and Raja 2014, 403.

[596] Raat 2013.

availability, and trade; though, as the Palmyra portraits have lost much, if not all their painted colour, assessments regarding gem type will be limited.

Conclusion

Pictorial and sculpted representations of individuals wearing jewellery offer a rare glimpse on how jewellery was worn, what styles were preferred, and if a certain gemstone was often paired with another. The Egyptian mummy and Palmyra portraits represent a privileged look at ancient jewellery in its sartorial context within the funerary sphere. Paired with examples from Roman wall frescoes (Fig. 139) and imperial portraits such as the one of Julia Domna and her family (Fig. 80), a picture begins to form of the role jewellery played in the lives of women in the ancient world.[597]

The Egyptian mummy portraits in particular offer viable material for analysis, as the coloured paint allows us to identify, to a certain degree, what gems are being used and in what combination. The difficulty lies in identifying specific types, and while emeralds and garnets are easily identified, pearls can be challenging, as when rendered in encaustic they look remarkably similar to silver beads. Some portraits are rendered in detail, and others take on a more impressionist form, making the identification of a particular colour paramount to the discussion of that specific portrait in order to draw conclusions regarding the representations of gems with respect to jewellery type. The difficulties in differentiating between pearls and beads are not just confined to the Egyptian portraits. The painted necklaces and earrings depicted on the Palmyrene portraits have since lost their colour, further blurring the ability to identify if the beads carved from limestone were meant to represent glass, coloured gems, or pearls.

In contrast to the Egyptian and Palmyrene funerary depictions, the visualization of jewellery in Pompeian frescoes represents a richly decorative degree of adornment on mythological, rather than mortal, figures.[598] The catalogued material compiled by D'Ambrosio, De Carolis, and Guzzo in 2008 identifies 513 adorned figures, the majority of which are female goddesses ornamented with a combination of gold necklaces, bracelets, earrings, diadems, and rings.[599] The majority of the jewellery is gold, with a few examples of gem-set jewellery, such as the diadem worn by Venus set with a central red stone, likely carnelian or red jasper (Fig. 140). Pearls feature heavily in Pompeian depictions of jewellery. Much like Julia

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[597] Of the 1,032 portraits catalogued from Egypt, 504 are of women, and of these 440 are shown wearing at least one piece of jewellery.

[598] D'Ambrosio, De Carolis, and Guzzo, 2008, 12.

[599] Ibid., 69-11.

Domna's grand pearl jewellery, the large gold and pearl bar earrings adorning the earlobes of Venus are striking in scale, the pearls as big as her eyes (Fig. 141). As was seen in the Fayum and Palmyrene portraits, similarities—and, to a great degree, mimicry—exist in style, acknowledging the persuasive and influential power that imperial portraiture had on the jewellery worn by women across the Roman Empire.

The archaeological jewellery record will sometimes match what is observed in the pictorial and sculpted representations. When drawing conclusions regarding jewellery in a particular period, place, and in a specific material, challenges emerge in great part due to the vulnerabilities associated with jewellery as a luxury good, its portability, its cost and appreciable value, persistent looting, black market sale, and survival bias. When assessing the Syrian and Egyptian archaeological record in comparison to the jewellery from the Palmyrene and Fayum portraits, the results quantify the limitations associated with a provenanced jewellery study. The luxurious jewellery carved on the Palmyra portraits does not appear in the Syrian archaeological record catalogued in the central dataset. This may be due to the transient nature of jewellery or the fragility of heavy beaded necklaces which have fallen apart over time, the threads disintegrating, and releasing the beads to be recycled or lost. Many of the jewellery styles depicted on the Egyptian mummy portraits can be found in the empire-wide catalogue, rather than the jewellery provenanced to Egypt, identifying an archaeological bias as well as the possibility of the portraits being aspirational, intending to mimic the imperial style rather than follow the provincial Egyptian fashion. These are theories, however, as jewellery is fundamentally a commodity: a physical, solid, personal object representing an investment. While one could argue that the absence of physical evidence in the archaeological record is confirmation of aspirational tendencies, a far stronger argument is that as a commodity it is a financial investment that was perhaps not buried with the deceased but passed on to heirs.

Jewellery is also a physically vulnerable object to study due of its material and manufacturing profile, often broken apart, recycled, or resold. Of all the materials studied in this thesis, pearls are the most delicate due to their calcium carbonate composition, which makes them vulnerable to mineral and organic acids, and their under-representation in the archaeological record is due to survival bias.[600] With respect to the sartorial representations present in the Fayum and Palmyra portraits, the inconsistency between depiction and archaeological reality speak to excavation and cataloguing biases. The portraits, alongside the Pompeian frescoes, provide a sartorial and visual guide for a fragmented archaeological record, identifying trends in usage, pairing, and style, of which the jewellery itself plays a part, representing fragments of what can be observed in paint and limestone.

[600] Bauer 1968, 588.

Conclusion

When studied from a quantitative perspective gems become indicators of commonness in materials, rarity in use, trading patterns, and even, to an extent, of the overall health of the Roman economy. Where past scholarship has addressed gems in a micro-data manner, focusing on a particular type, iconography, or style, this thesis distinguishes itself in looking at gems from the macro-data perspective, as well as bringing different datasets together to offer conclusions derived from comparative micro-data studies.

The publications by Guiraud[601] and Marshman,[602] though primarily iconographic in their focus, have provided the precedent for the quantitative study of Roman gems. Their regional studies of Roman Gaul and Britain address a limited collection of pieces that share a provenance, in order to identify iconographic and material patterns of usage in two western provinces of the Roman Empire. What these publications demonstrate is that with a sound methodology, and the clear identification of biases inherent in the study of ancient gems and jewellery, broad trends in rarity, sourcing, and supply can be recognized. A quantitative lens makes it possible to rank stones according to commonness, site, and use, to delineate regional, and provincial trends, and to identify patterns of gem use in different jewellery types. With the background on gem types, sourcing, characteristics, and trading routes employed in the transport of gems in the Roman period, all set forth in the second chapter, the subsequent third, fourth and fifth chapters of this thesis presented the quantitative aspect of this study.

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[601] Guiraud 1988, 2008.

[602] Marshman 2016.

Catalogues of museum collections present a view of a particular assemblage but the collecting bias present for a particular collection may be in favour of rarer gems, thus making it seem as if the Roman gem profile was far more varied than what is observed in the empire-wide dataset.

The three quantitative chapters of this thesis identify geographic and chronological trends and note patterns in gem use and jewellery type. The comparative studies of the empire-wide, provincial, and site datasets assessed commonness and rarity, and how these related or diverged depending on location and chronological period. The last chapter looked at the painted and sculpted renderings of jewellery from Roman Egypt, Palmyra, and Pompeii, comparing them to the pieces from the archaeological record to contextualize the visual and sartorial trends of the time, and how these were manifested in the found jewellery.

The quantitative analysis shows a decline of Roman gem use from the 2nd to 3rd centuries AD, which I have argued here is in part to be linked to the weakening of routes for the Eastern trade from around AD 270 onwards, especially for those stones sourced from outside the Empire.[603] Evidence from the empire-wide dataset as well as the provincial studies have also clarified our understanding of what we can consider to be major export goods from certain provinces, and how these relate to the wider trade of gems.[604]

The quantitative studies of Roman provinces and coin hoards demonstrate that rarer gems existed across the Roman Empire, and that the gemmological profile of the western provinces was not as homogeneous as one would expect when consulting catalogues of gems from particular Roman sites and regions. The gem profile of this period seems to be varied when reading the catalogues and viewing the collections of Roman gems, but this is not the case as exemplified by the conclusions set forth in the third chapter. Due to the collecting bias present in these assemblages, many catalogues favour the collecting of rarer gemstones, suggesting a greater commonness in their availability and use. In truth, carnelian heavily outnumbers any other gem type, presenting more than 40% of the entire Roman gem assemblage, with jasper as second with 15% of the catalogue, a clear demonstration of the dominance in use of carnelian as an engraved gem, which can be accounted for in its availability from multiple sites and its particular use as a seal stone. The commonness of carnelian, and other varieties of chalcedony is known, but the degree to which this is the case and how these compare to the low incidence of garnets, amethyst, and emeralds has been undiscernible until this point, because of the absence of an empire-wide cataloguing of Roman gems. This dataset represents a comparative data opportunity which had previously not been possible. Provincial and site assemblages may now be contextualized within the wider empire-wide profile of Roman gem usage,

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603 Wilson 2015, 29; Brun 2018, 34-35.

604 Harrell 1999, 2004, 2006; Thoresen 2015, 183; Chapter 3, pp. 48-50.

patterns of use can be distinguished according to chronology and region, and a more complete picture of Roman gem use and its relationship to sourcing and trade can be recognized.

This study is a first step in contextualizing gems within the larger sphere of Roman economics and material culture. As much of the past scholarship has focused on iconography and style, blank gems have been absent from the analysis, though if there is a secure provenance their addition should be included in the analysis as it presents a more complete view of available gems at this time. Subsequent scholarship could look at the rarer gemstones: garnet, amethyst, emerald, chrysoprase, pearl, lapis lazuli, sapphire, aquamarine, turquoise, diamond, and peridot. The analysis from the empire-wide dataset confirms what has been said regarding the common gem types (carnelian, jasper, onyx, sardonyx, and agate), but goes beyond it by establishing baseline trends for the use of rarer gems, an area of research that can now be part of a comparative study with the empire-wide dataset. The commonness of rarer gem types in a focused manner can then be applied to what is known regarding mining and sourcing, trading patterns, and centres of commerce.

The data from the Coin Hoards of the Roman Empire project represents an additional area of future study. While the fifth chapter of this thesis addresses the hoards that have been catalogued with a gem in the Object category (57 hoards), the cataloguing bias present in the CHRE database means that there are hoards that did not appear in the query when searching for 'hoards with Objects.' As there was not the time to look at all 16,402 hoard entries individually, the Object category represents a query in the online database that distills the hoards that contain a non-coin element. Of these the subset of hoard entries was further refined to only focus on hoards with gems. Due to the focus of the project being on coins, and as exemplified by the Snettisham Jeweller's Hoard (CHRE #1496), there are hoards that have gems but have not been catalogued with the proper Object distinction. Moreover, the CHRE database of course does not include hoards that include gems but no coins. When examined individually for evidence of gemstones and comparing each entry in the database against the information included in the original publication, the 16,402-coin hoards currently in the CHRE database represent an important datapoint in the greater study of gem use within the Roman Empire. This would benefit the broader study of Roman gems but also enrich the analysis of coin hoards from the Roman Empire by distinguishing how rarity of gemstone, information about the assemblage that can be gleaned from the coins, geographic location, and date, all interact. Using geographic data, the gems can be mapped and then assessed according to what is known of Roman military and conflict history, gem sourcing, cities, and trading routes. The fifth chapter of this thesis presents an initial look at an ongoing project that promises to be an important area of research relevant to the greater discussion on Roman hoard deposits as well as Roman gems, jewellery, and trade.

The recent publication titled *Catalogue: the Palmyra collection: Ny Carlsberg Glyptotek* by Mortensen, Nielsen, and Raja offers an avenue of further study.[605] The catalogue presents the collection of Palmyrene funerary monuments in the Ny Carlsberg Glyptotek and represents a comparative dataset that can be assessed alongside other visual depictions of ancient jewellery. By employing the same quantitative methodology that has been applied to the Fayum portraits, the jewellery depicted on the Palmyra portraits can be assessed according to type and, where possible, material. The absence of much of the colour on the portraits presents a limitation in identifying gems that is not present in the Fayum assemblage, but shape and style can be used to extrapolate possible options for the identification of what gems were depicted in the jewellery. The quantification of jewellery presented on the Palmyra portraits is an aspect of ancient funerary art that has yet to be addressed relating directly to the availability and trade of gems in the Roman Empire.

Ultimately, this thesis endeavors to introduce a quantitative study of Roman gems to the wider discourse on ancient art and economy. While there are several challenges and biases in this study, the methodology of this thesis proves that Roman gems and the analysis of their type, use, date, and provenance (if known), is central to any discussion regarding the Roman world, its provinces, commerce, and its relationship of supply and demand for a costly, and at times rare, good. Scholars have long looked to gems as markers of religious affiliation, social standing, and political leaning, but when addressed from a material perspective through quantitative data analysis and probabilistic chronological distribution, gems become predictors of taste, indicators of the economic success of a Roman province, the safety of a particular trade route, and most importantly, as prophets of the eventual decline of the Roman Empire.

[605] The 2019 catalogue is not available for inclusion in this thesis as the Berkeley and Stanford universities do not have a copy in their collections. The Sackler Library has a copy, and when possible, it will be referenced.

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Roman Gems and Jewellery:

A quantitative study on trends in Roman gem supply and use from the 1st century BC to the 4th century AD

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Volume TWO: Figures

Thesis submitted to the University of Oxford for the degree of

D.Phil. in Archaeology

School of Archaeology

Figures - Chapter 1



Fig. 1, DS. 5,928

Engraved carnelian with Venus and Cupid from the Thetford Treasure.

AD 193 – 235

BM Images



Fig. 2, DS. 9,599

Engraved onyx with a lion from the Thetford Treasure.

AD 193 – 235

BM Images

Figures - Chapter 2



Fig. 3

Cut and polished chalcedony geode.

Creative Commons



Fig. 4, DS. 2,435

Carnelian sealstone engraved with an actor wearing a tragic mask and leaning on a staff.

1st - 2nd century AD

BM Images



Fig. 5

Unworked carnelian.

Symes and Harding 1991, 33



Fig. 6

Unworked onyx.

Floyd R. Getsinger/
Encyclopædia Britannica, Inc.



Fig. 7

Unworked sardonyx.

Symes and Harding 1991, 33



Fig. 8, DS. 10,679

Cameo with bust of Apollo wreathed in laurel.

late 1st century BC–early 1st century AD

MFA Images.



Fig. 9

Unworked jasper.

Symes and Harding, *Crystal & Gems*, 33





Fig. 10, DS. 6,957

Oval jasper with lion and goat
1st–2nd century A.D.

MFA Images



Fig. 11

Unworked agate.

Courtesy of Joseph and Helen Guetterman collection; photograph John H. Gerard/ Encyclopædia Britannica, Inc.



Fig. 12, DS. 295

Golden agate ring.
Found in Alexandria

Goddio and Clauss 2008, 275.



Fig. 13

Worked chrysoprase.

Shigley, Laurs, and Renfro 2009, 272.



Fig. 14

Unworked garnet.

GIA



Fig. 15

Garnet sources and trade routes during the Roman period.

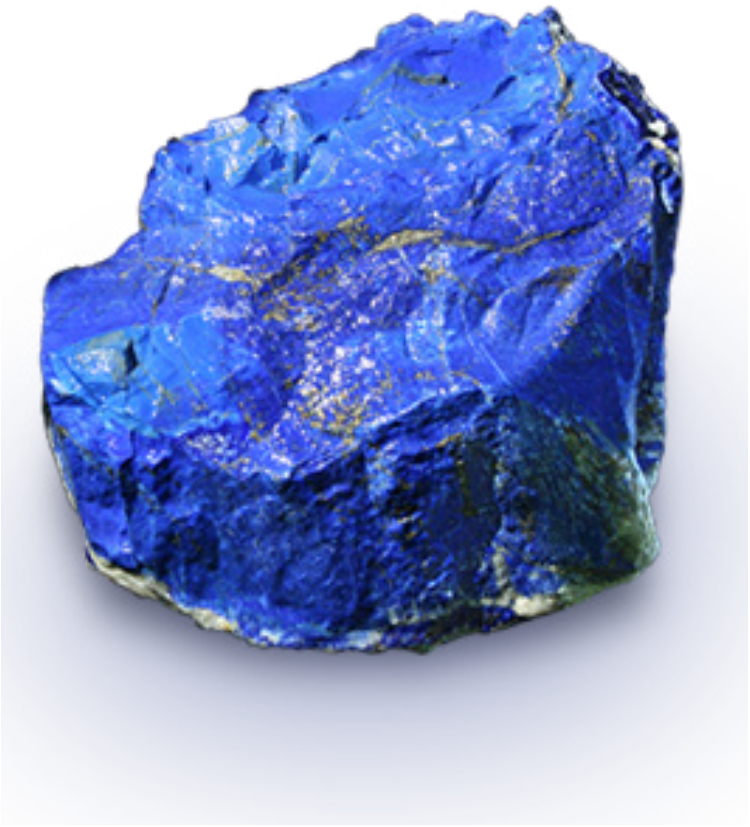


Fig. 16

Unworked lapis lazuli.

GIA

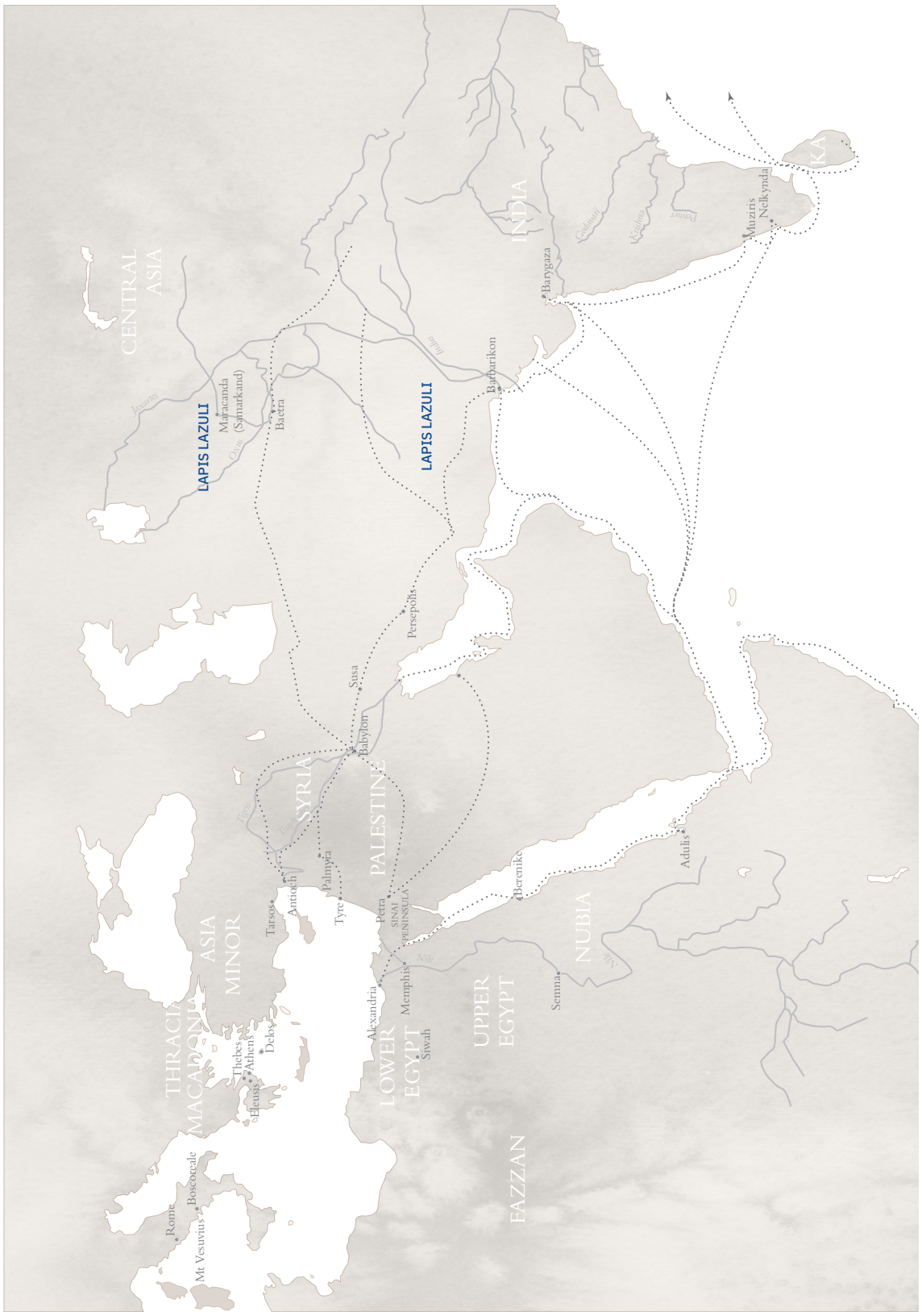


Fig. 17

Lapiz lazuli sources and trade routes during the Roman period.



Fig. 18, DS. 8,258

Lapis lazuli intaglio:
Seated deity.
2nd century AD

Met Images



Fig. 19

Unworked emerald.

GIA

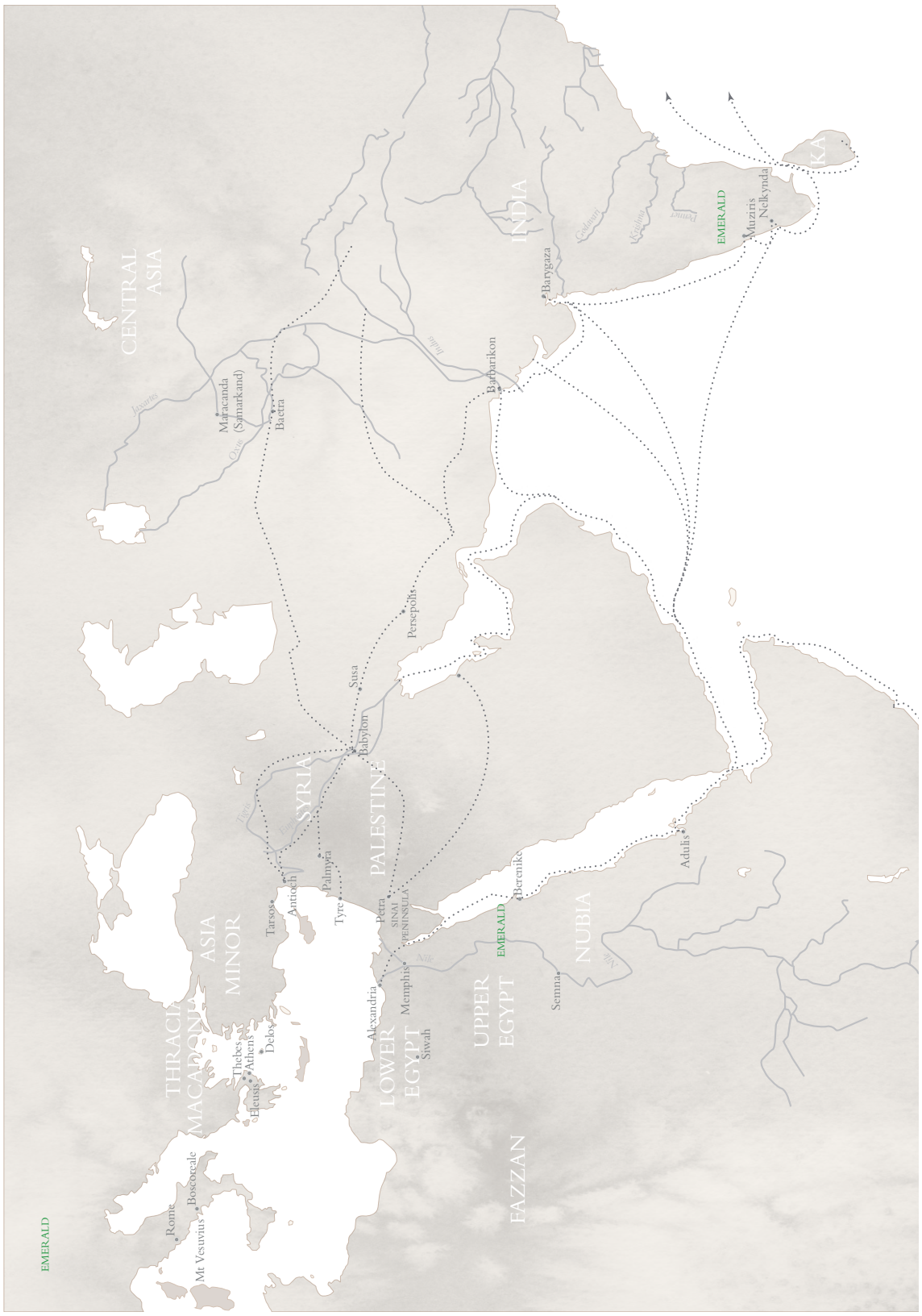


Fig. 20
Emerald sources and trade routes during the Roman period.



Fig. 21, DS. 6,290

Earring with pearl and emerald pendant.
2nd - 3rd century AD

BM Images

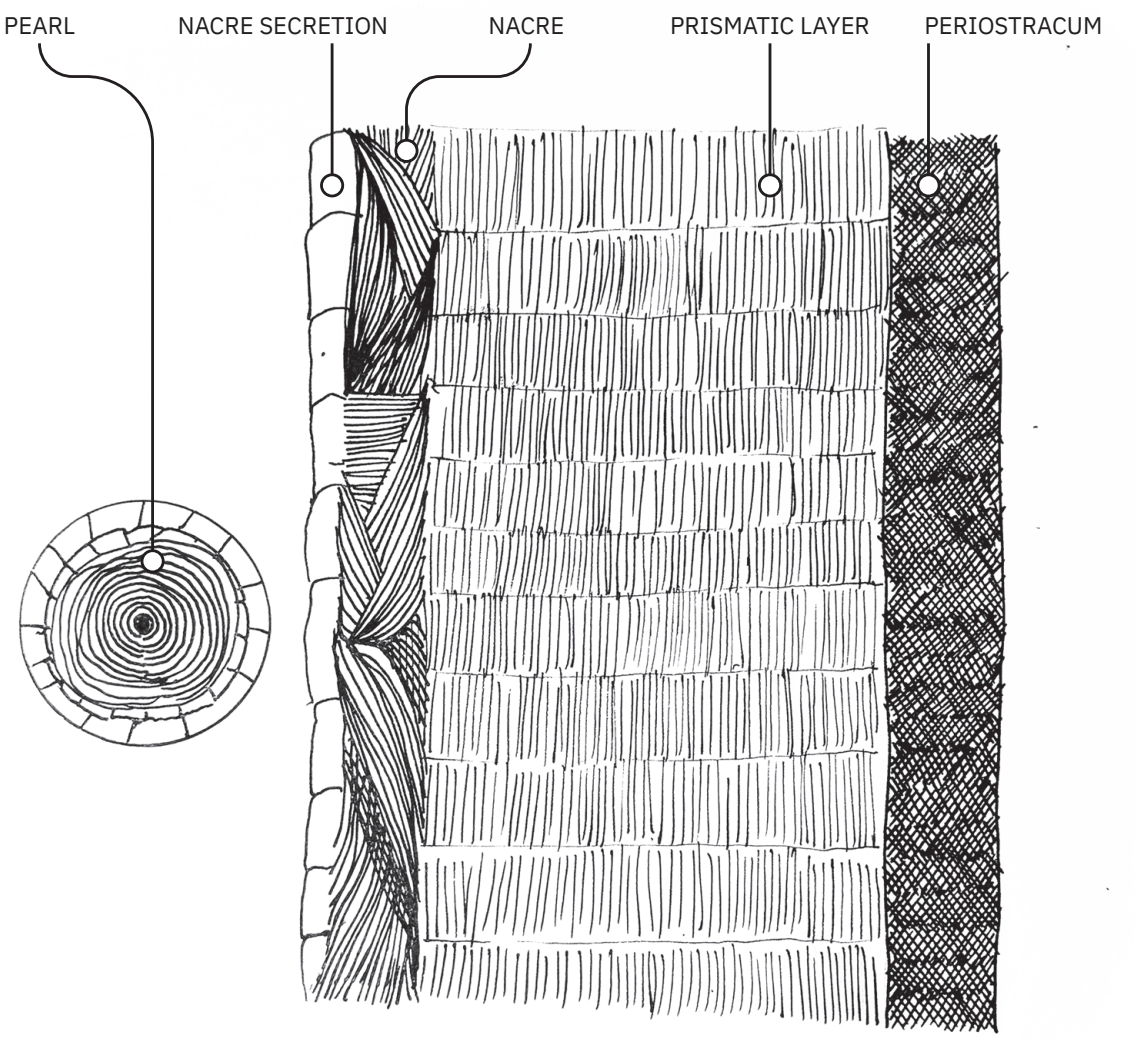


Fig 22

Diagram of pearl layers.

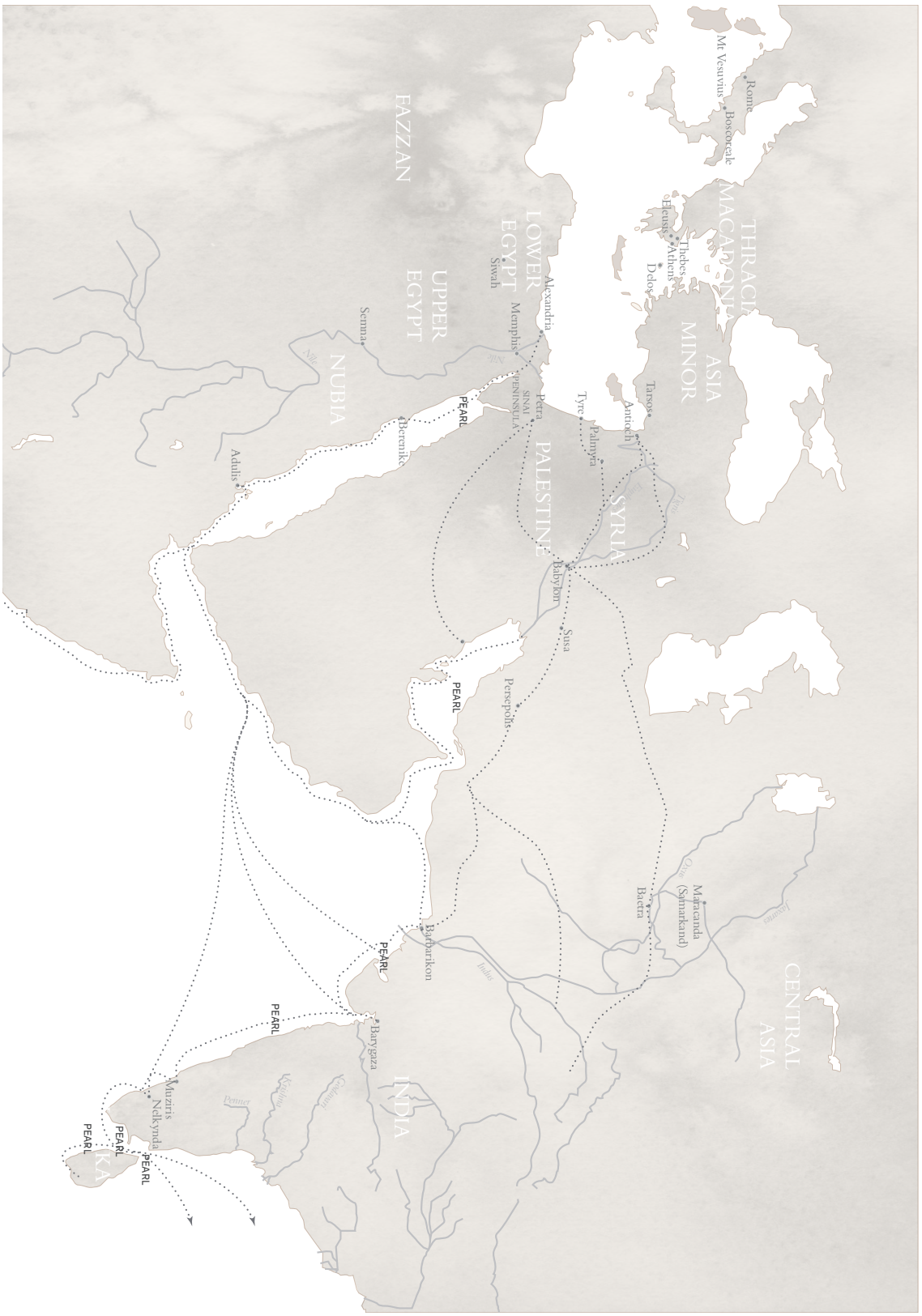


Fig. 23

Pearl sources and trade routes during the Roman period.



Fig. 24, DS. 9,756

Loop earring with pearls.
1st - 2nd century AD

BM Images



Fig. 25

Unworked amethyst.

GIA

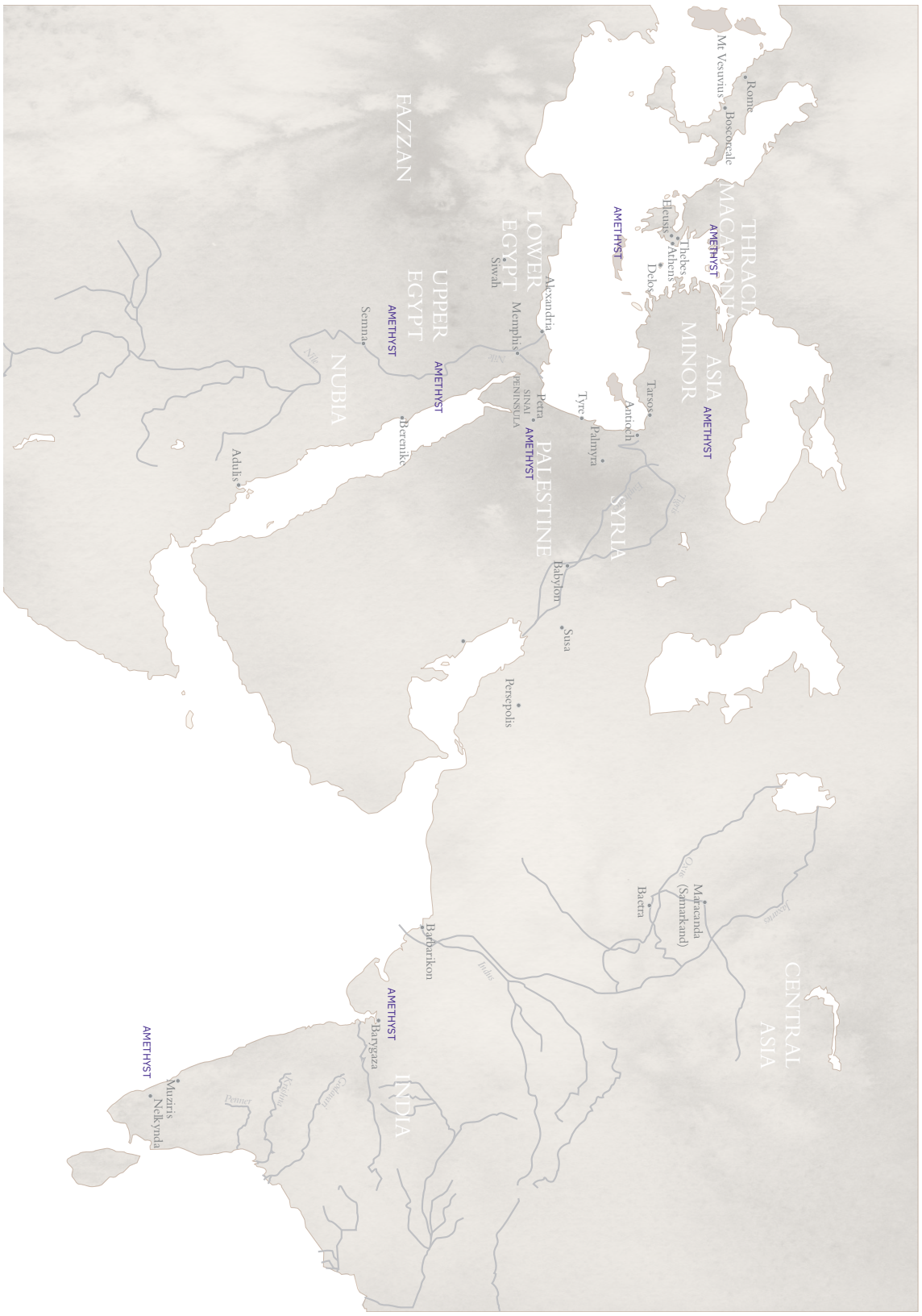


Fig. 26

Amethyst sources during the Roman period.



Fig. 27

Pendant with drop-shaped amethyst beads.
Found in Alexandria.
6th - 8th century AD

Goddio and Clauss 2008, 205



Fig. 28

Pendant with drop-shaped amethyst beads.
Found in Alexandria.
6th century AD

Goddio and Clauss.Goddio and Clauss 2008, 207



Fig. 29

Unworked turquoise.

GIA

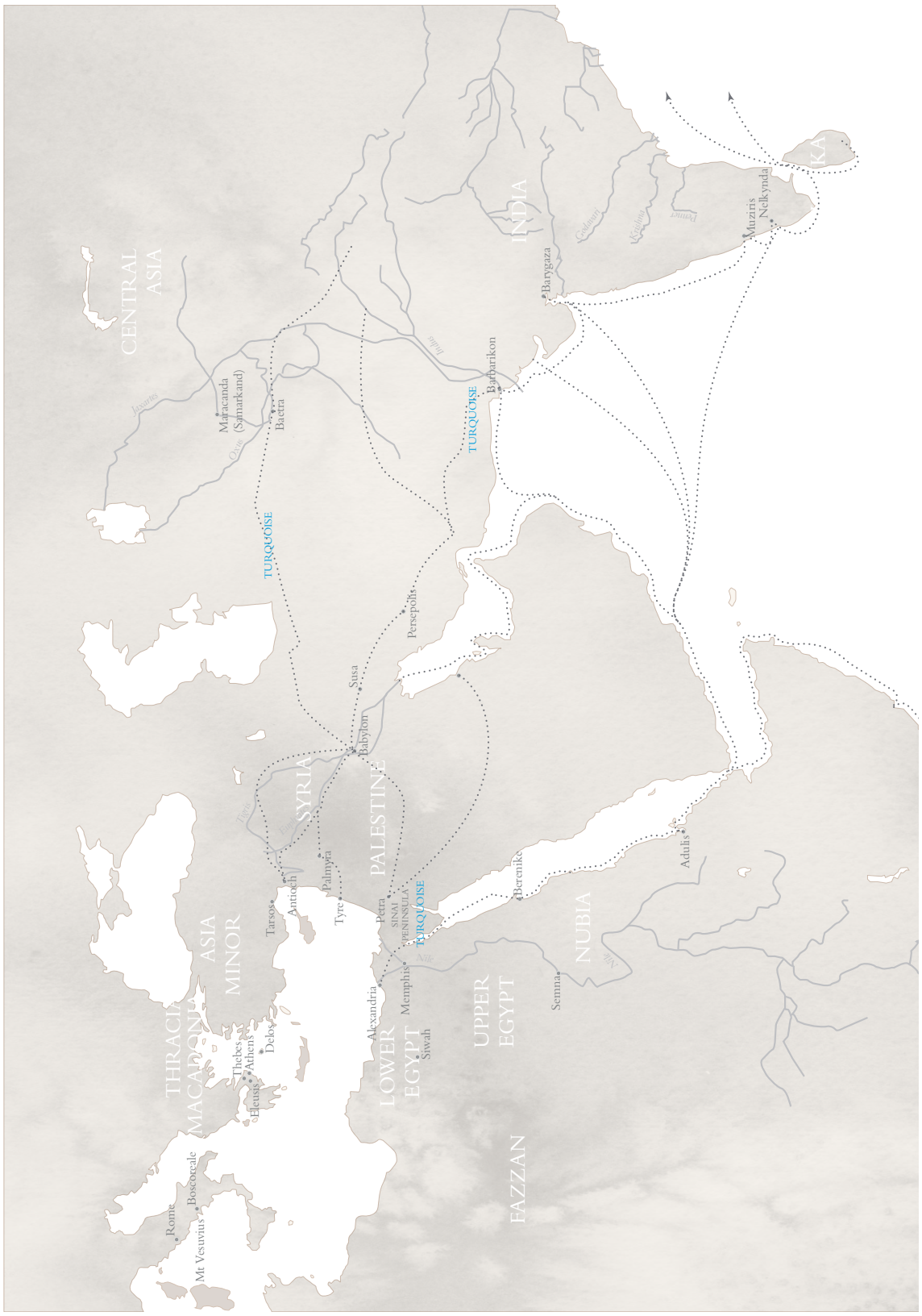


Fig. 30

Turquoise sources and trade routes during the Roman period.



Fig. 31, DS. 5,723

Gold necklace with turquoise pendant.
1st - 3rd century AD

The Fitzwilliam Museum



Fig. 32

Unworked peridot.

GIA



Fig. 33

Peridot source during the Roman period.



Fig. 34

Unworked sapphire.

GIA

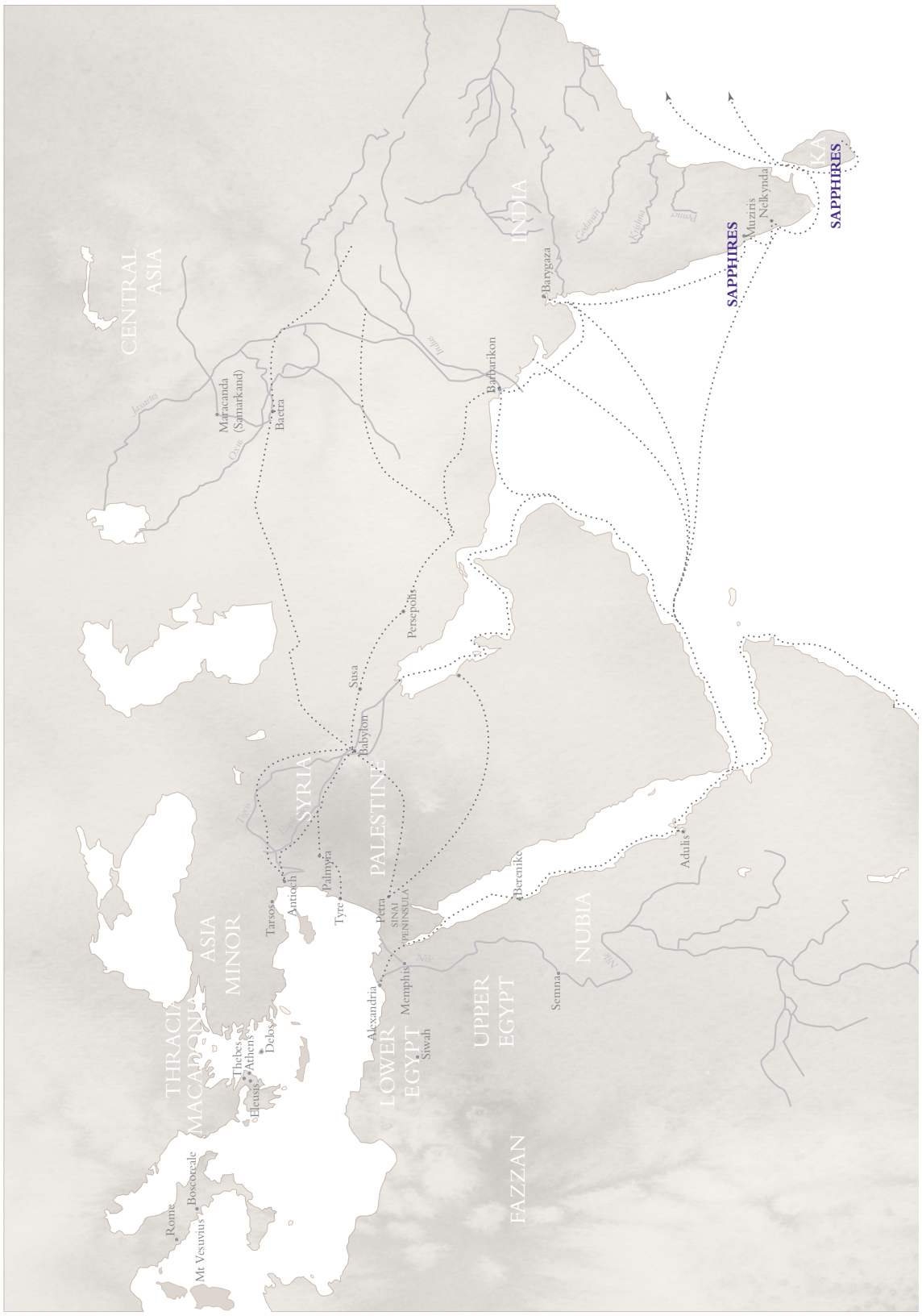


Fig. 35

Sapphire sources and trade routes during the Roman period.



Fig. 36

Diamond sources during the Roman period.



Fig. 37, DS. 6,131

Gold ring with diamond.
Found in Syria
3rd century AD

BM Images



Fig. 38

Unworked aquamarine.

GIA

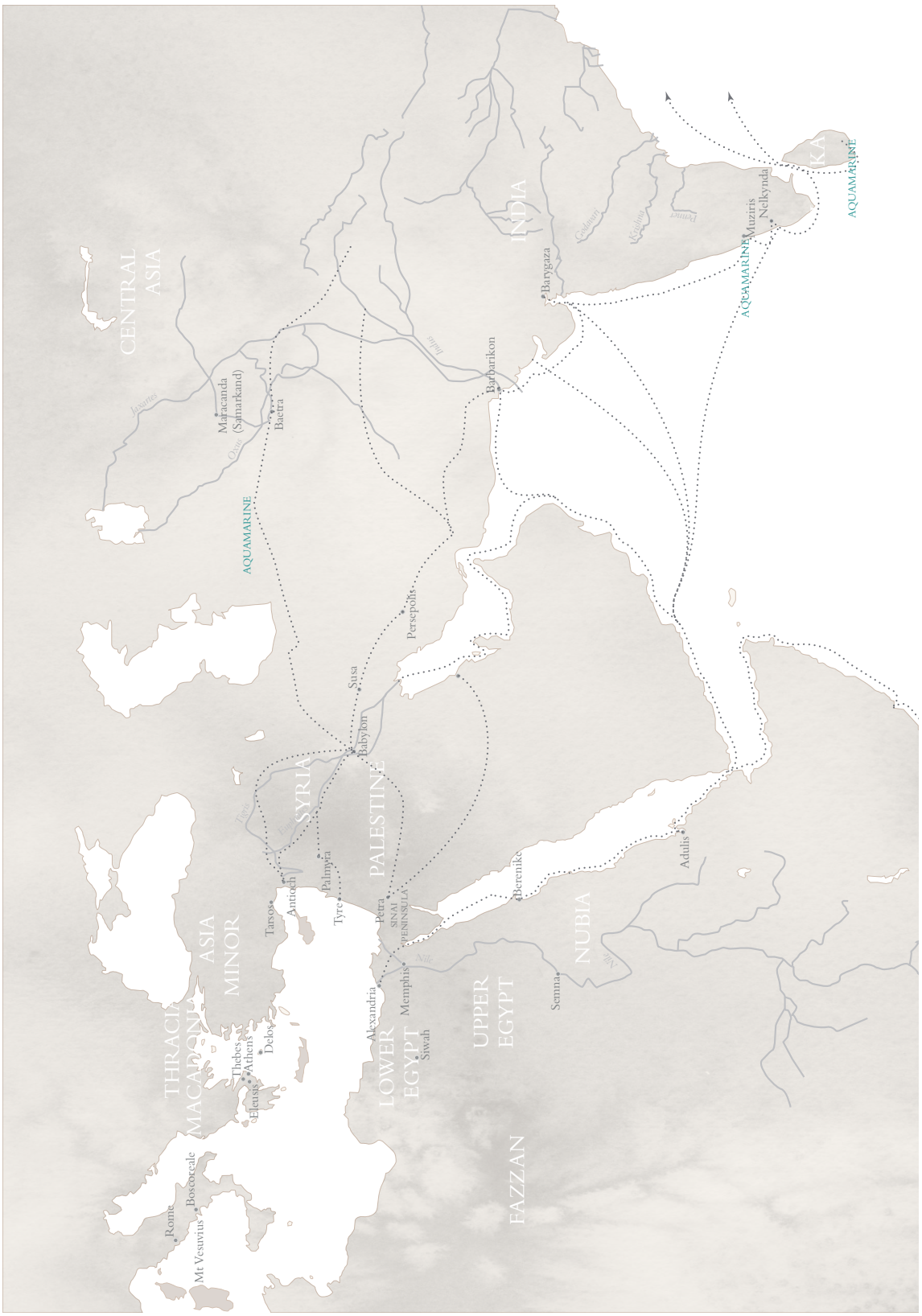


Fig. 39

Aquamarine sources and trade routes during the Roman period.

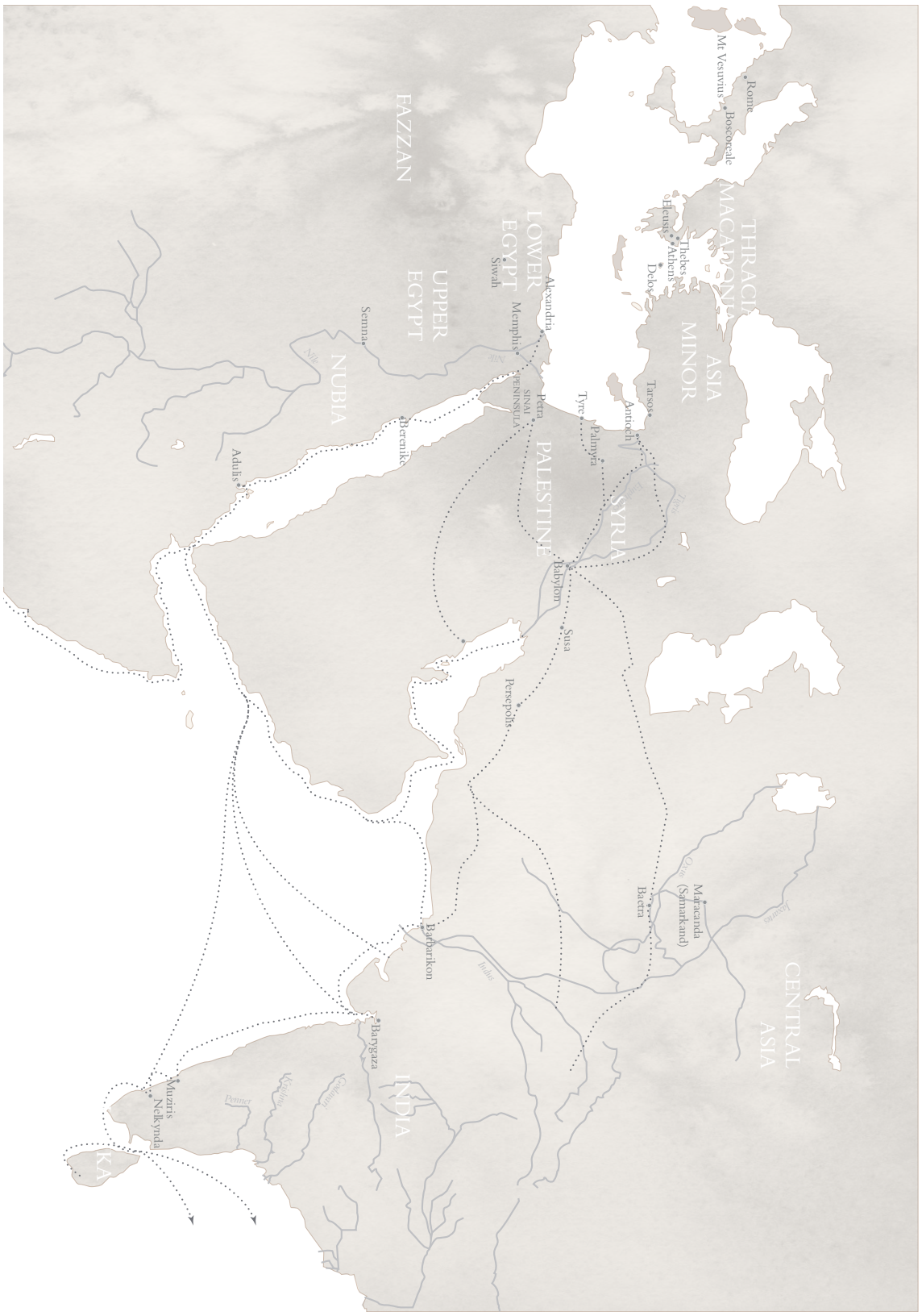


Fig. 40

Maritime and overland trade routes.

Figures - Chapter 3

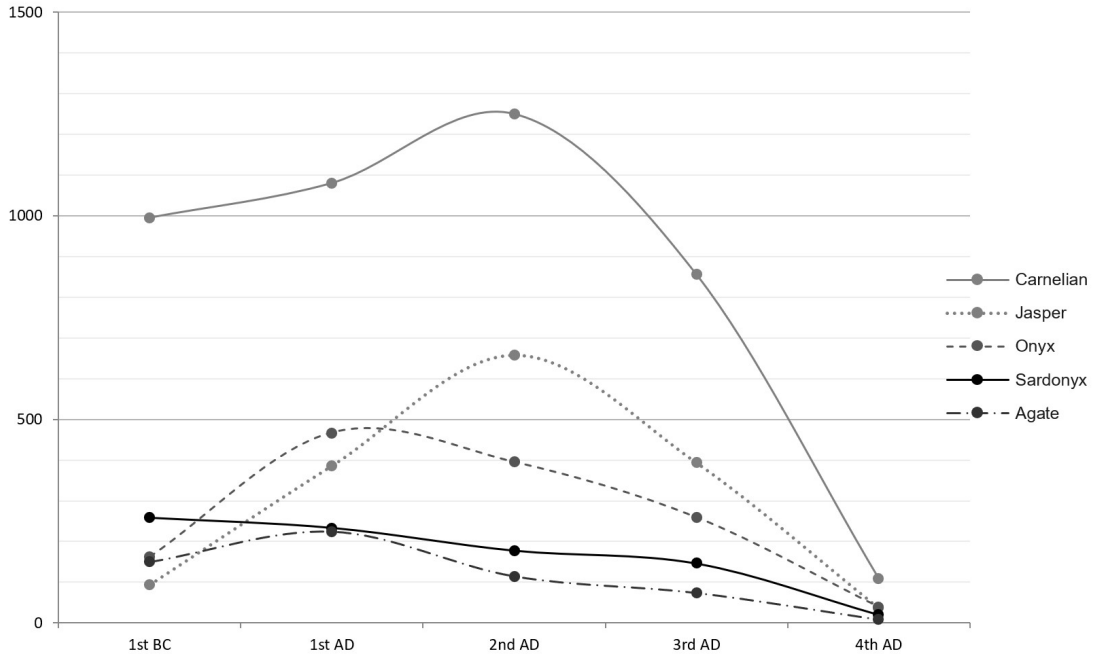


Fig. 41

Probabilistic chronological distribution of the five most common stones—carnelian, onyx, jasper, sardonyx, and agate—in engraved gems, blank gems, and finger rings from the 1st century BC through the 4th century AD.

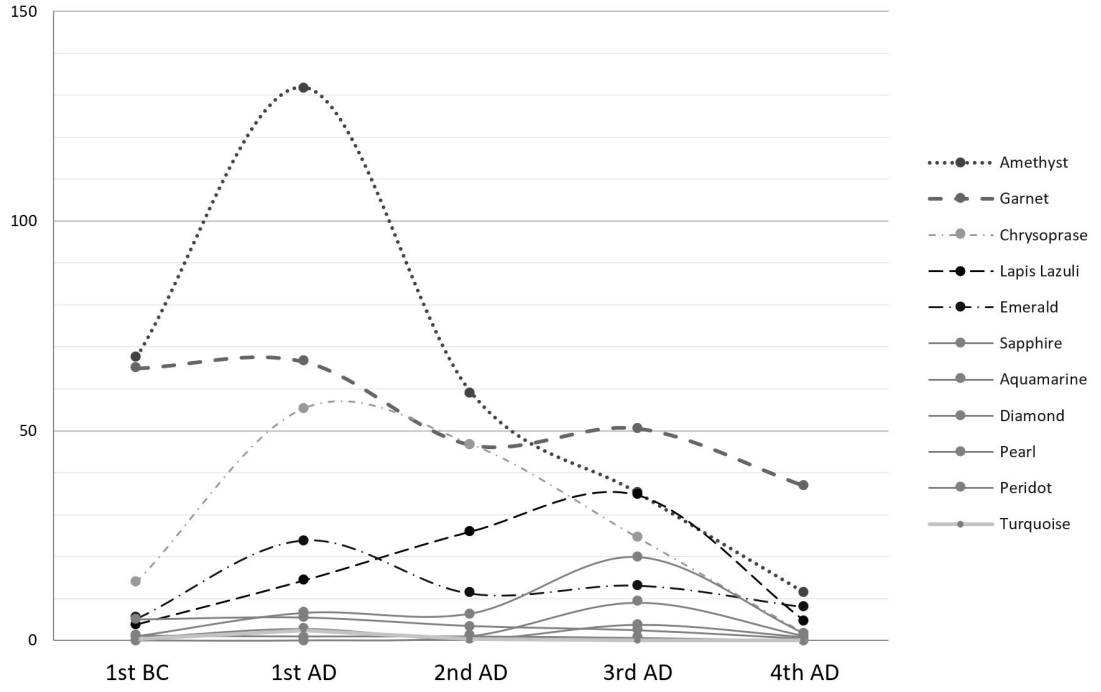


Fig. 42

Probabilistic chronological distribution of rarer gems from the 1st century BC through the 4th century AD.

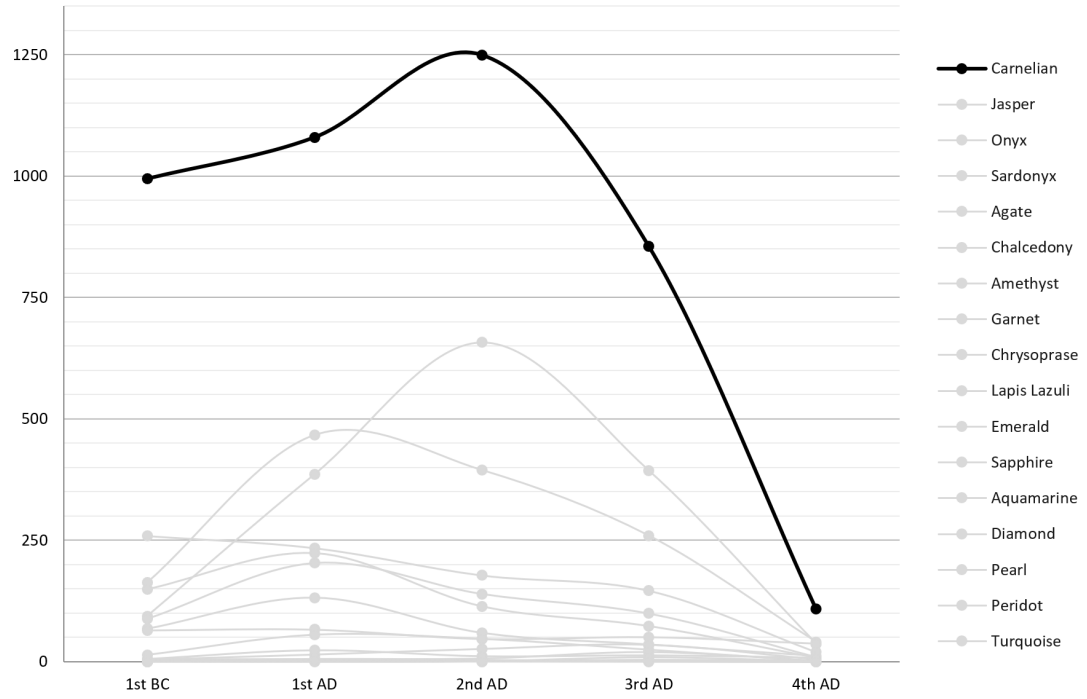


Fig. 43

Probabilistic chronological distribution of carnelian from the 1st century BC to the 4th century AD.

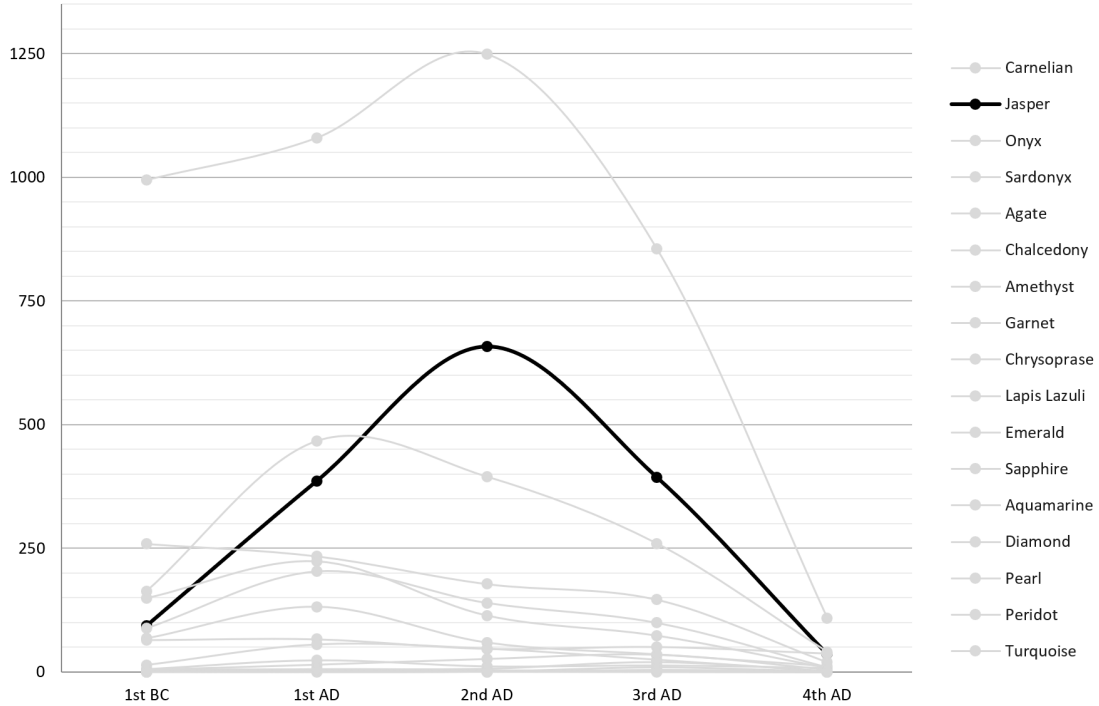


Fig. 44

Probabilistic chronological distribution of jasper from the 1st century BC through the 4th century AD.

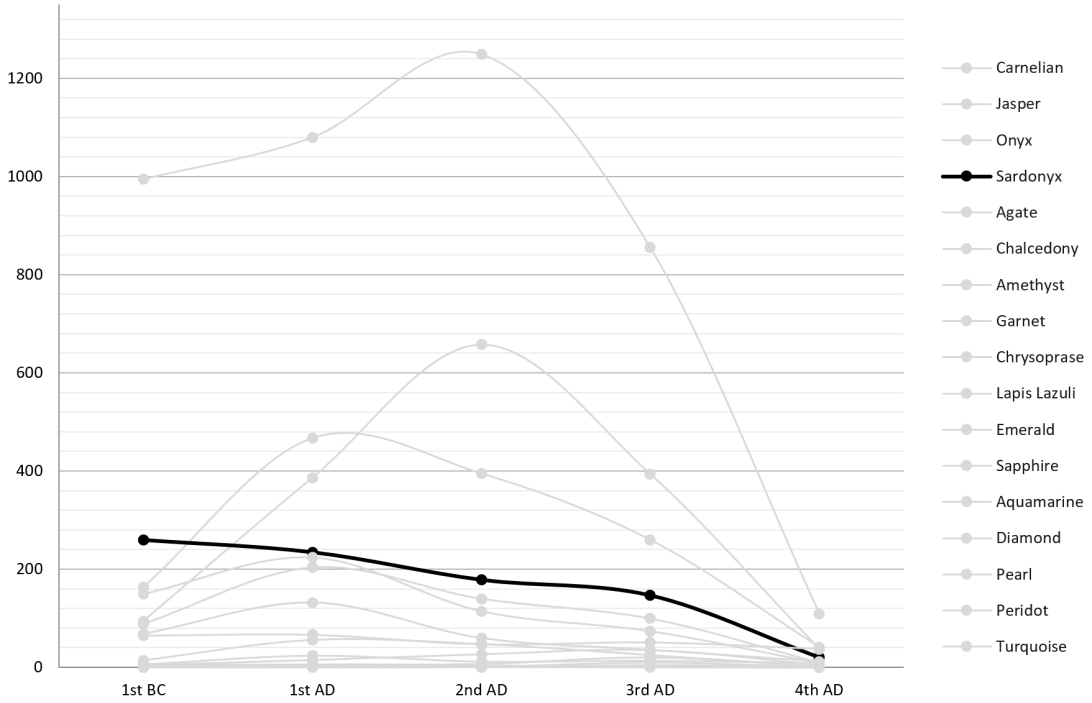


Fig. 45

Probabilistic chronological distribution of sardonyx from the 1st century BC to the 4th century AD.

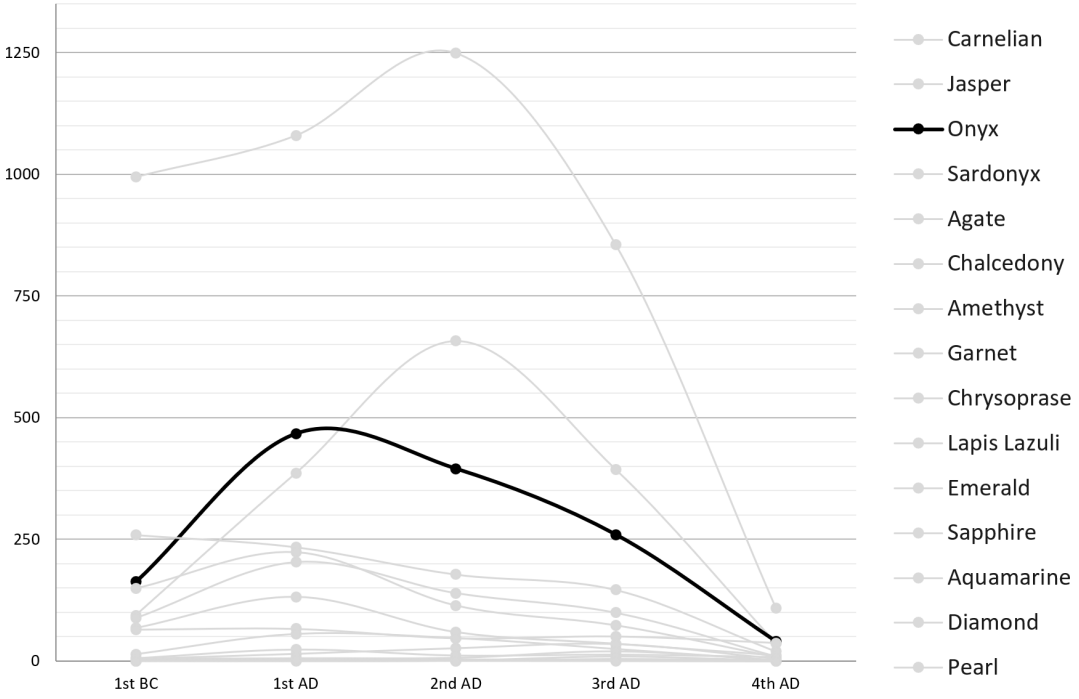


Fig. 46

Probabilistic chronological distribution of onyx from the 1st century BC through the 4th century AD.

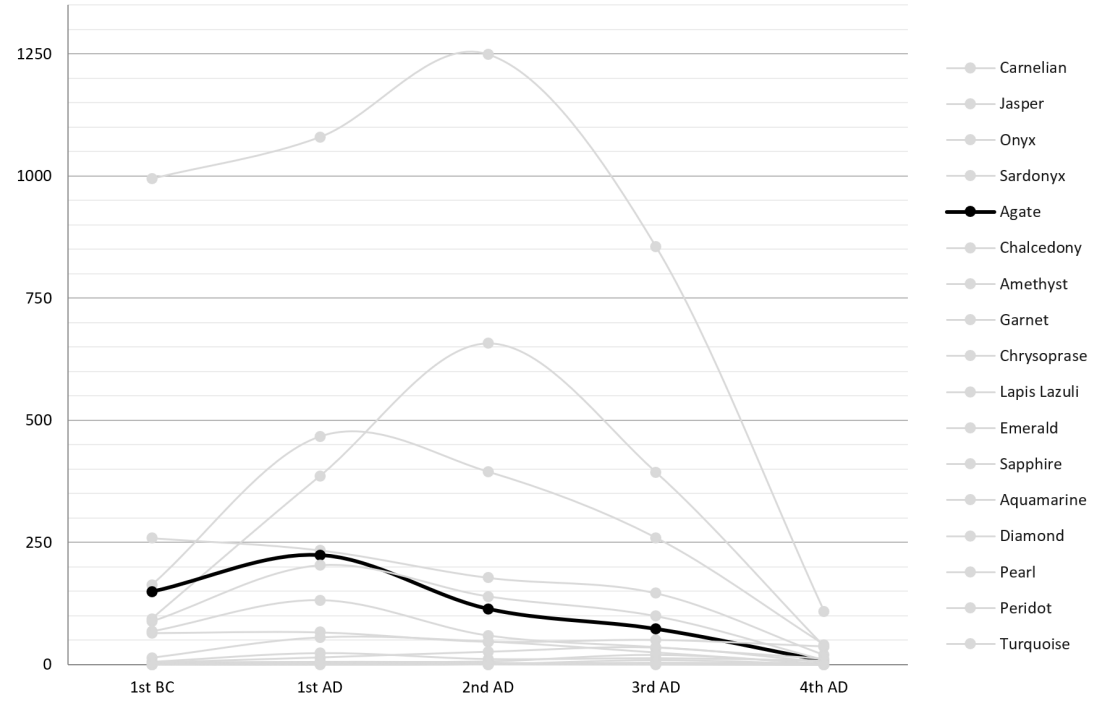


Fig. 47

Probabilistic chronological distribution of agate from the 1st century BC to the 4th century AD.

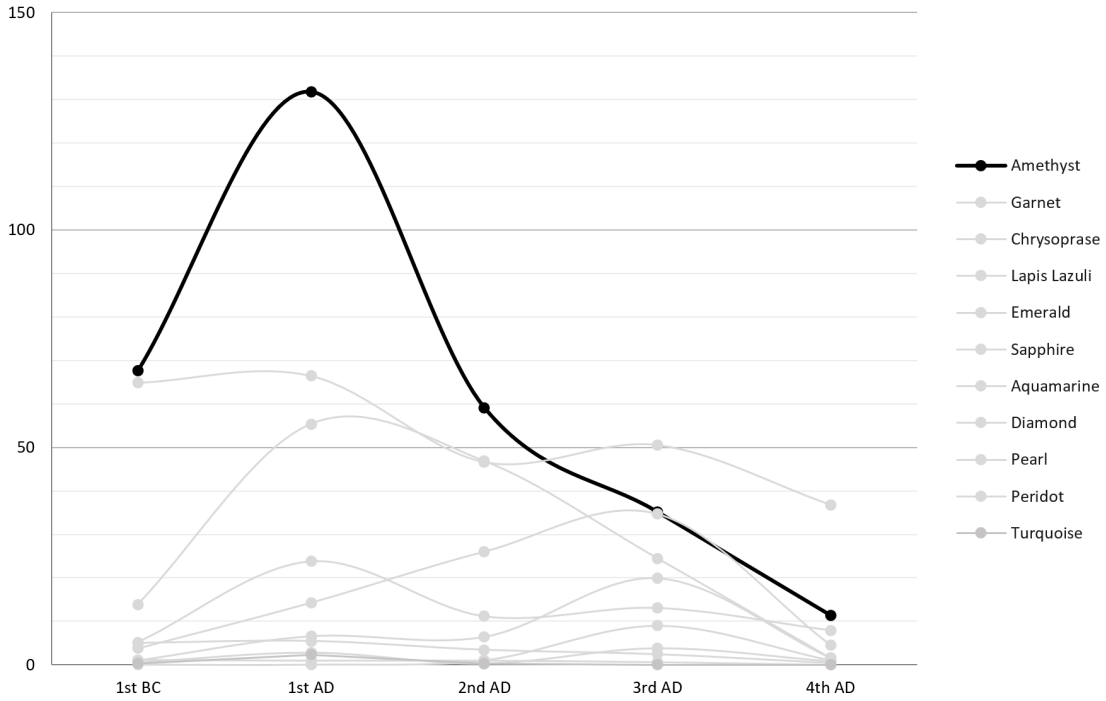


Fig. 48

Probabilistic chronological distribution of amethyst from the 1st century BC through the 4th century AD.

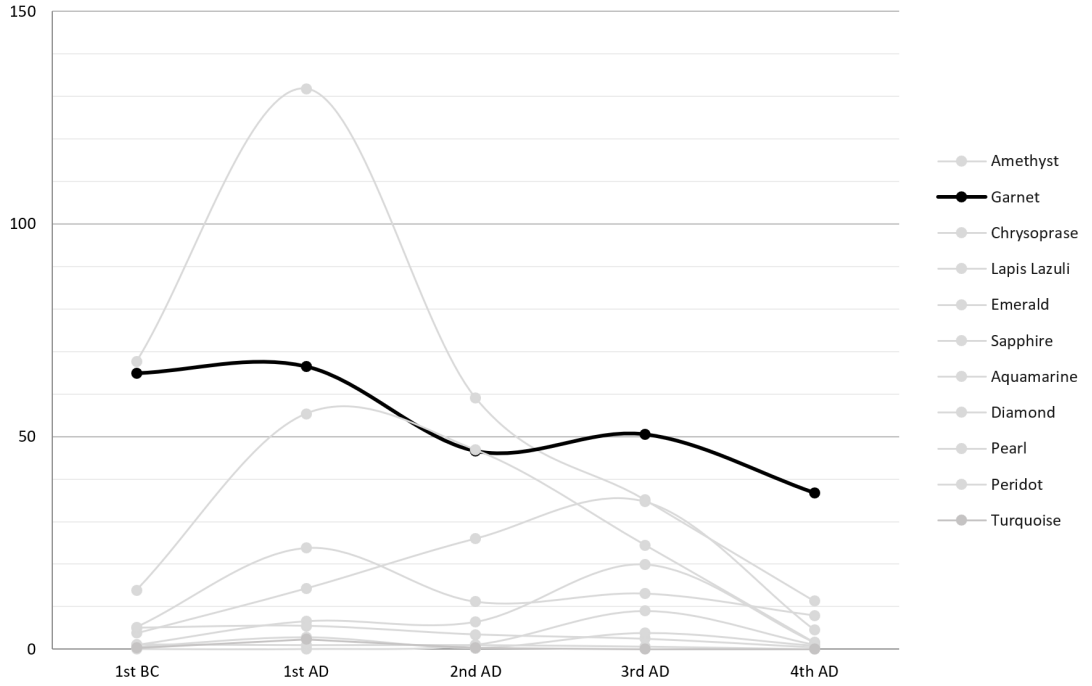


Fig. 49

Probabilistic chronological distribution of garnet from the 1st century BC to the 4th century AD.

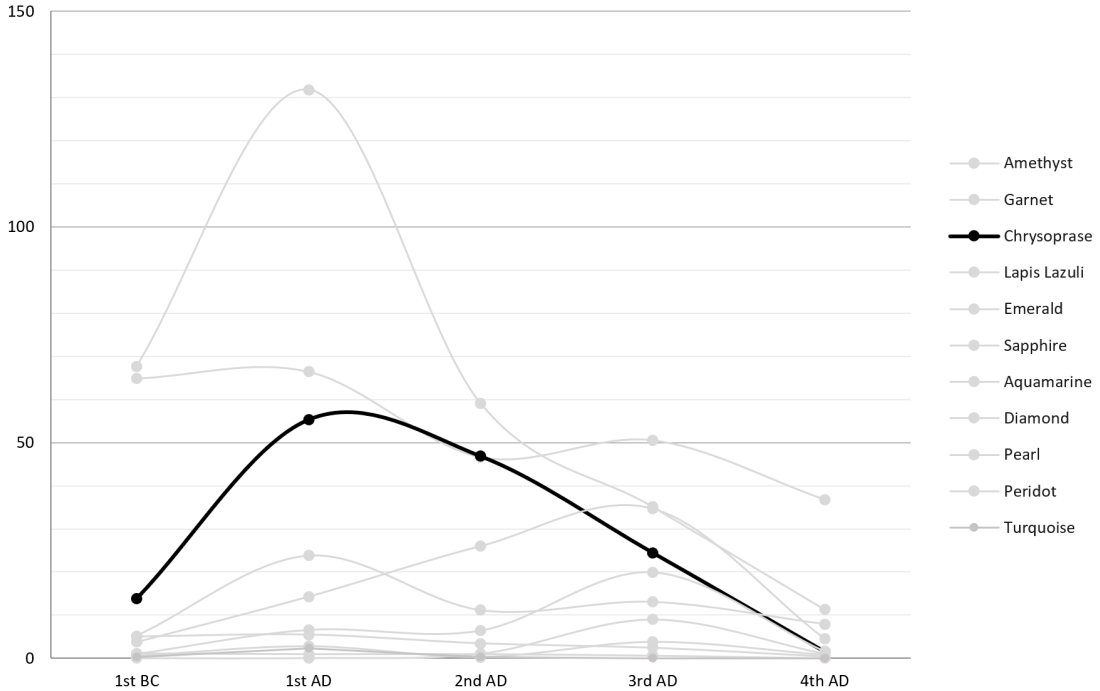


Fig. 50

Probabilistic chronological distribution of chrysoprase from the 1st century BC through the 4th century AD.

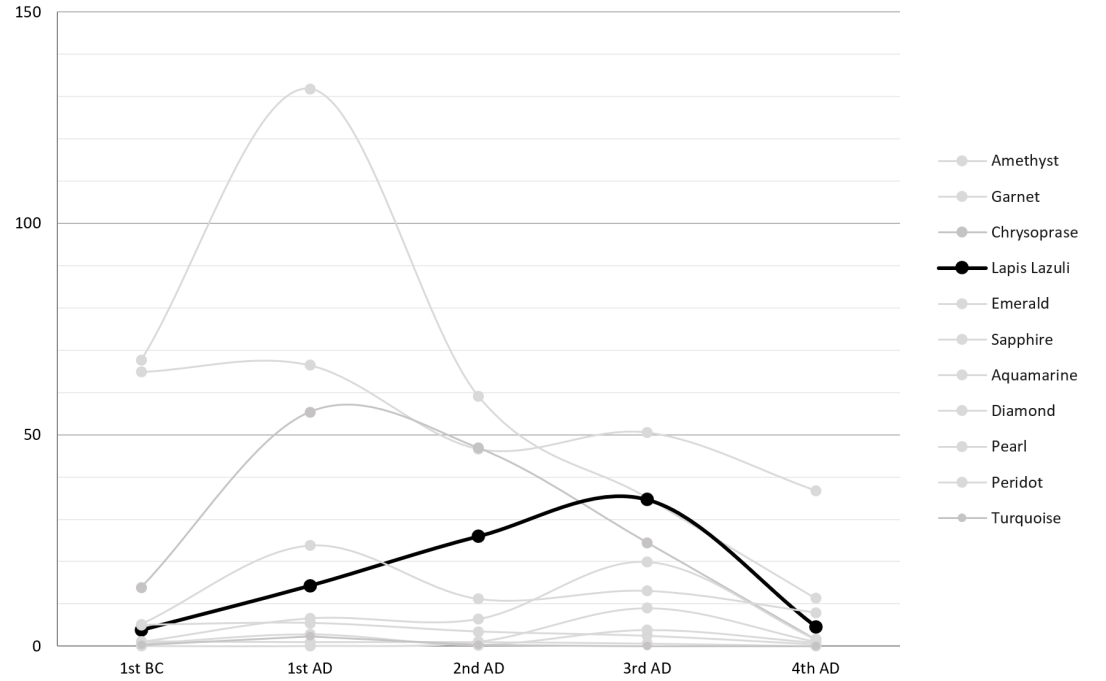


Fig. 51

Probabilistic chronological distribution of lapis lazuli from the 1st century BC to the 4th century AD.

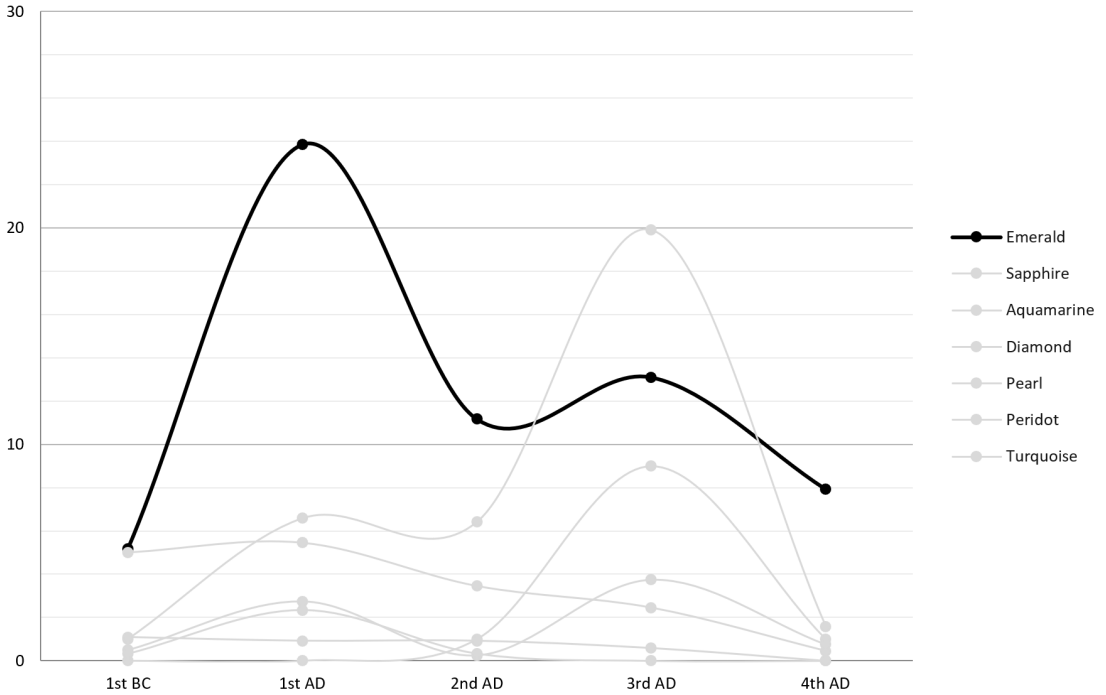


Fig. 52

Probabilistic chronological distribution of emerald from the 1st century BC through the 4th century AD.

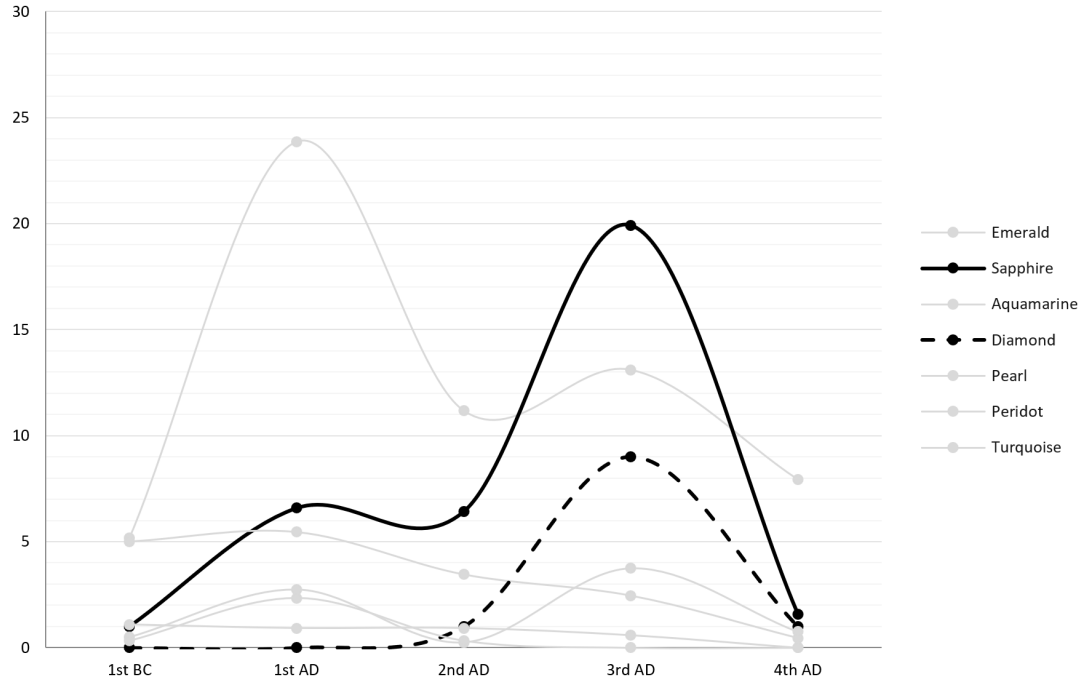


Fig. 53

Probabilistic chronological distribution of sapphire and diamond from the 1st century BC to the 4th century AD.

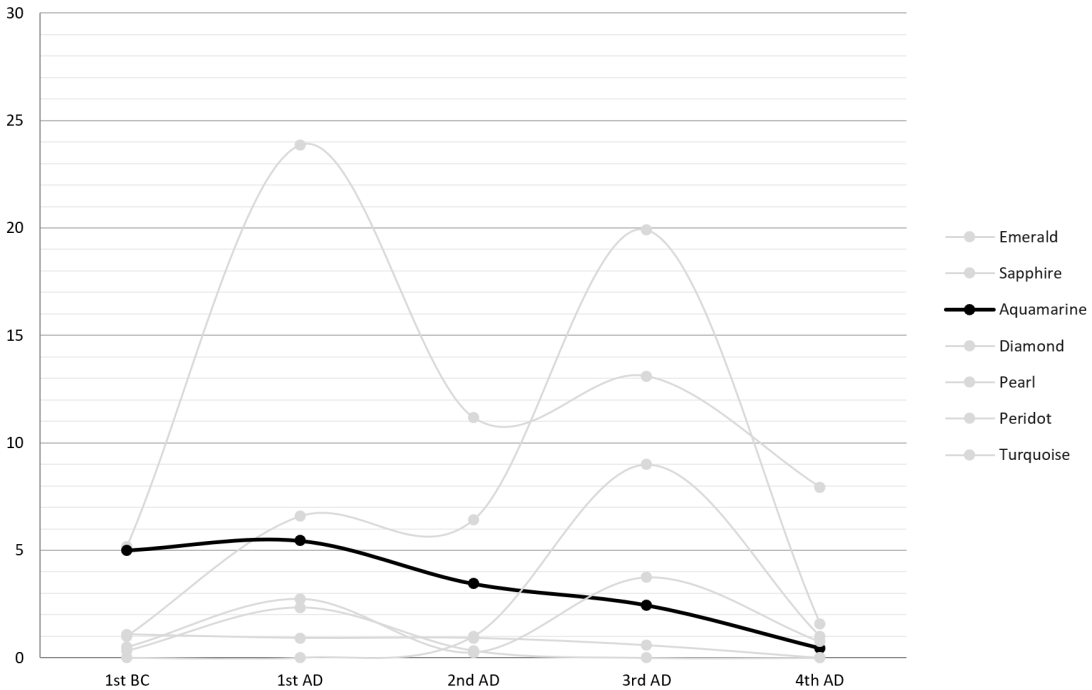


Fig. 54

Probabilistic chronological distribution of aquamarine from the 1st century BC through the 4th century AD.

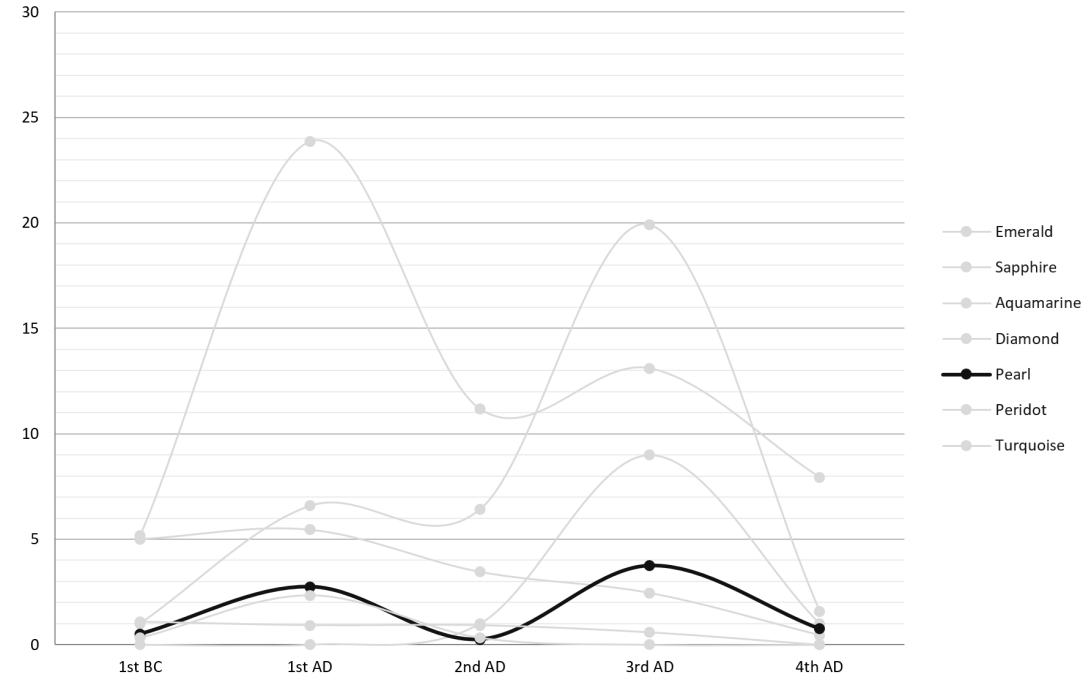


Fig. 55

Probabilistic chronological distribution of pearl from the 1st century BC to the 4th century AD.

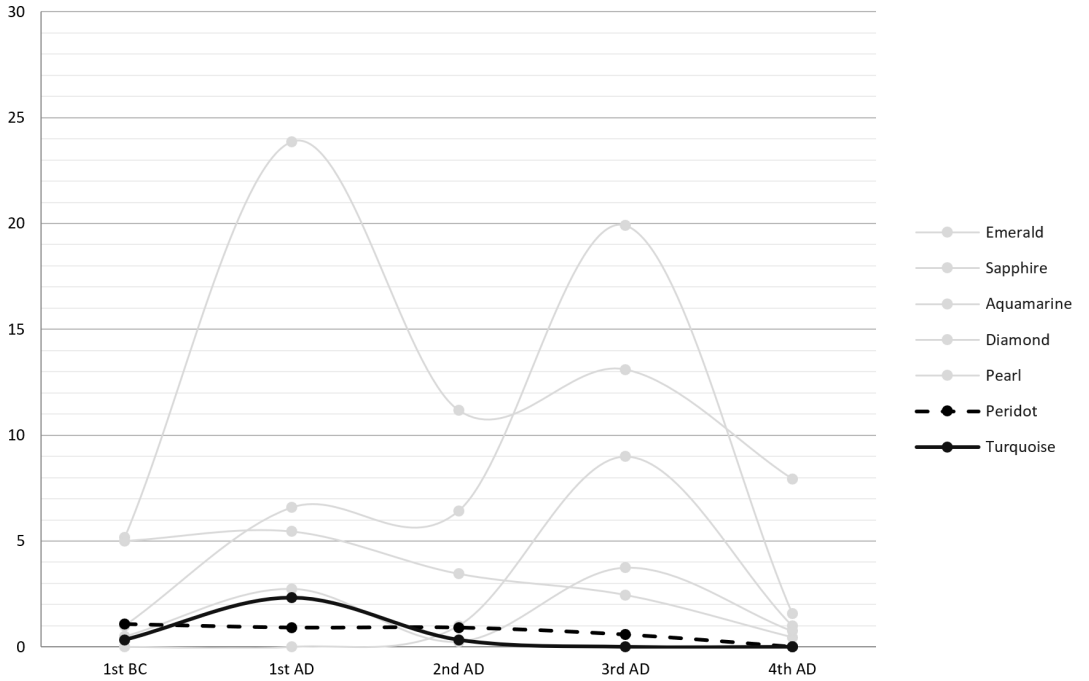


Fig. 56

Probabilistic chronological distribution of peridot and turquoise from the 1st century BC through the 4th century AD.

Figures - Chapter 5

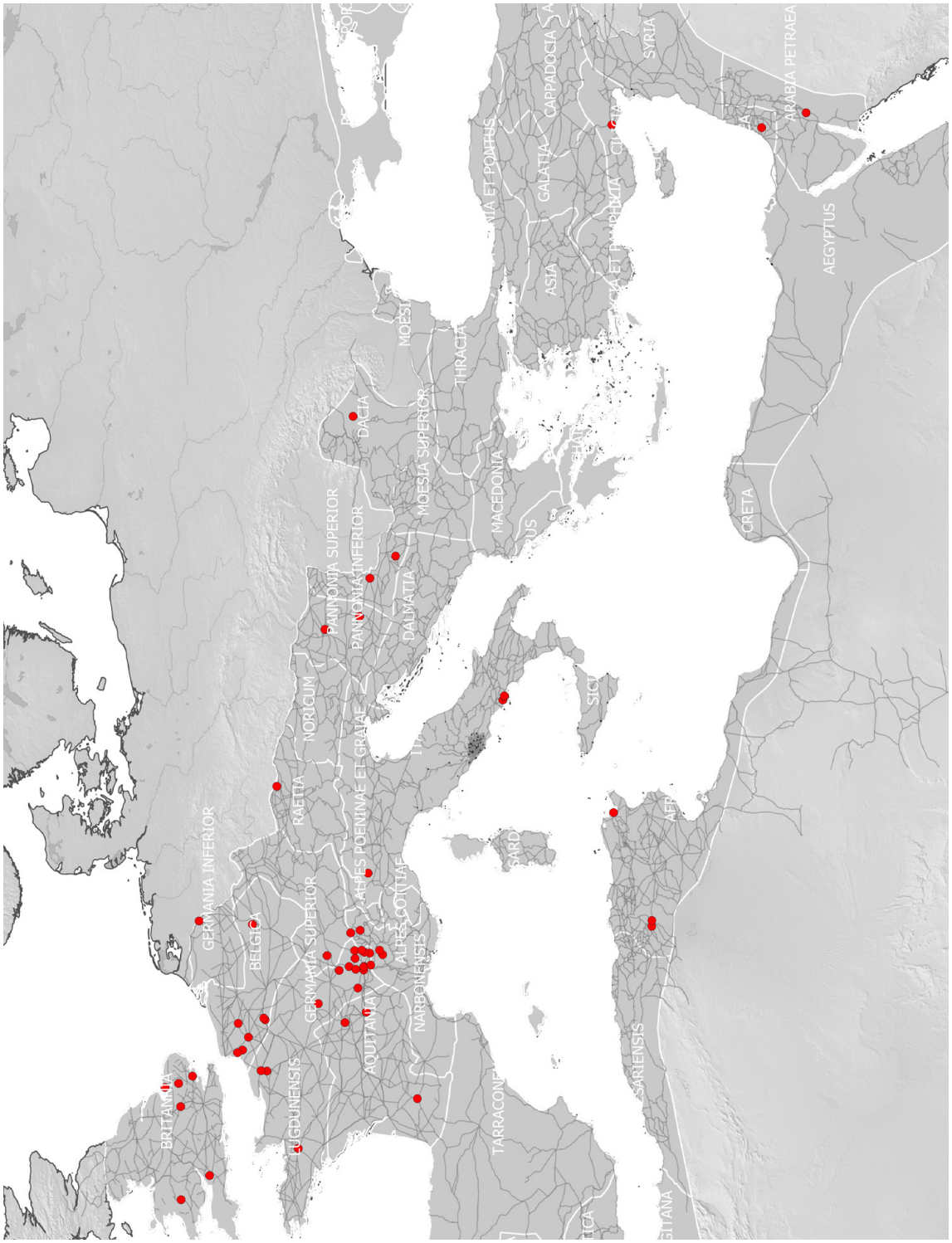


Fig. 57

Roman coin hoards with gems.

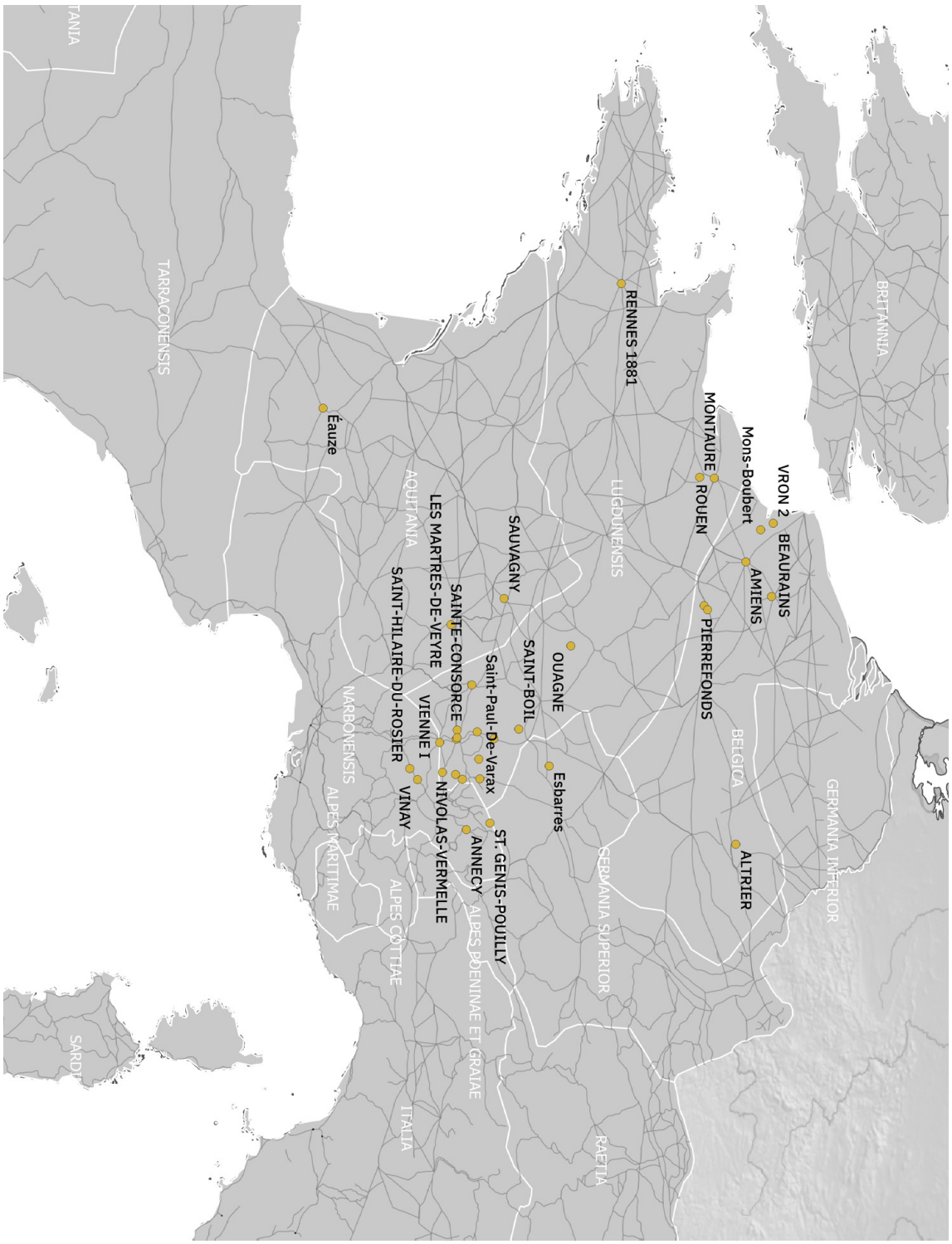


Fig. 58

Roman coin hoards in Gaul.

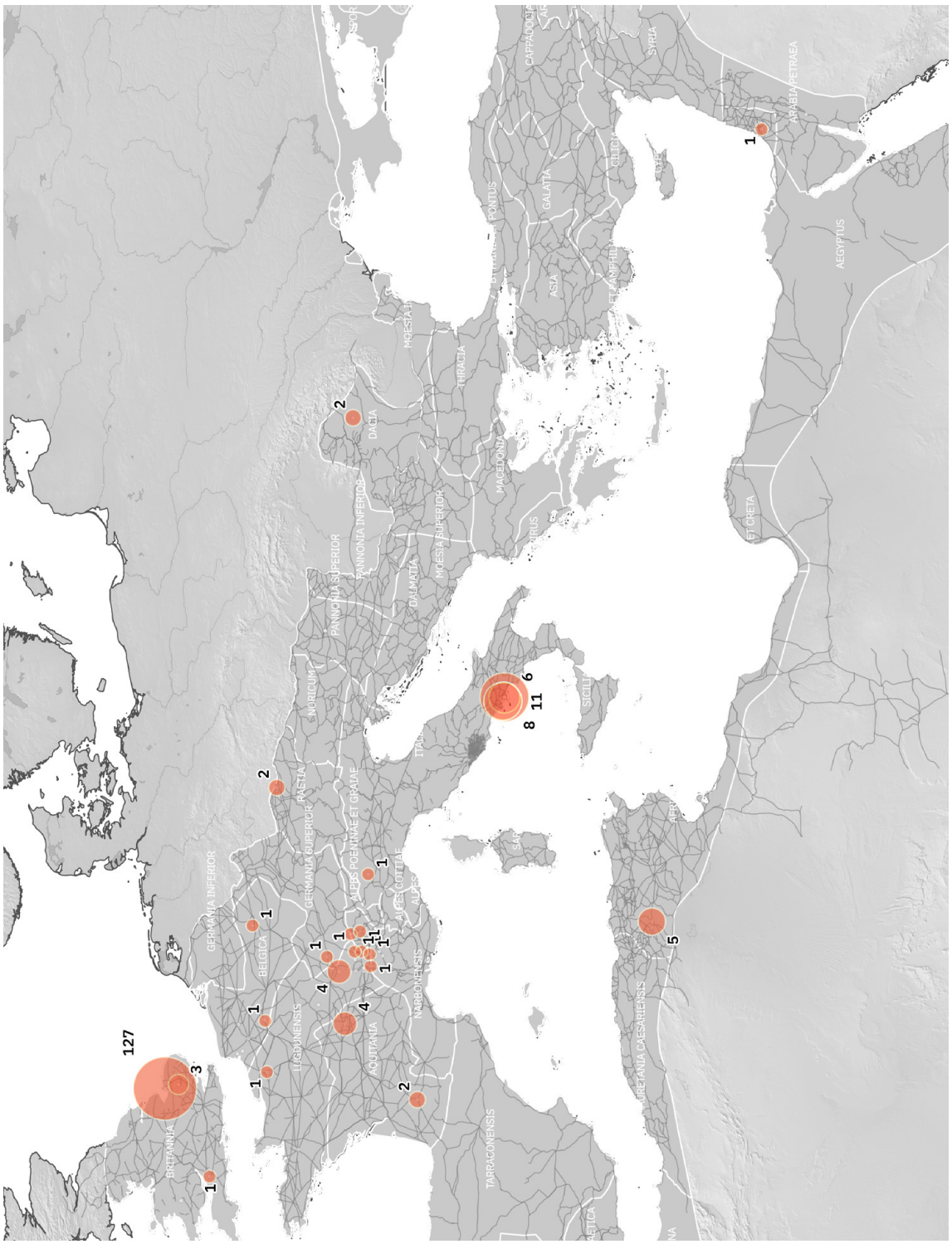


Fig. 59

Carnelian found in Roman coin hoards.



Fig. 60

Emerald found in Roman coin hoards.



Fig. 61

Onyx found in Roman coin hoards.



Fig. 62

Agate found in Roman coin hoards.



Fig. 63

Jasper found in Roman coin hoards.



Fig. 64

Sardonyx found in Roman coin hoards.



Fig. 65

Amethyst found in Roman coin hoards.

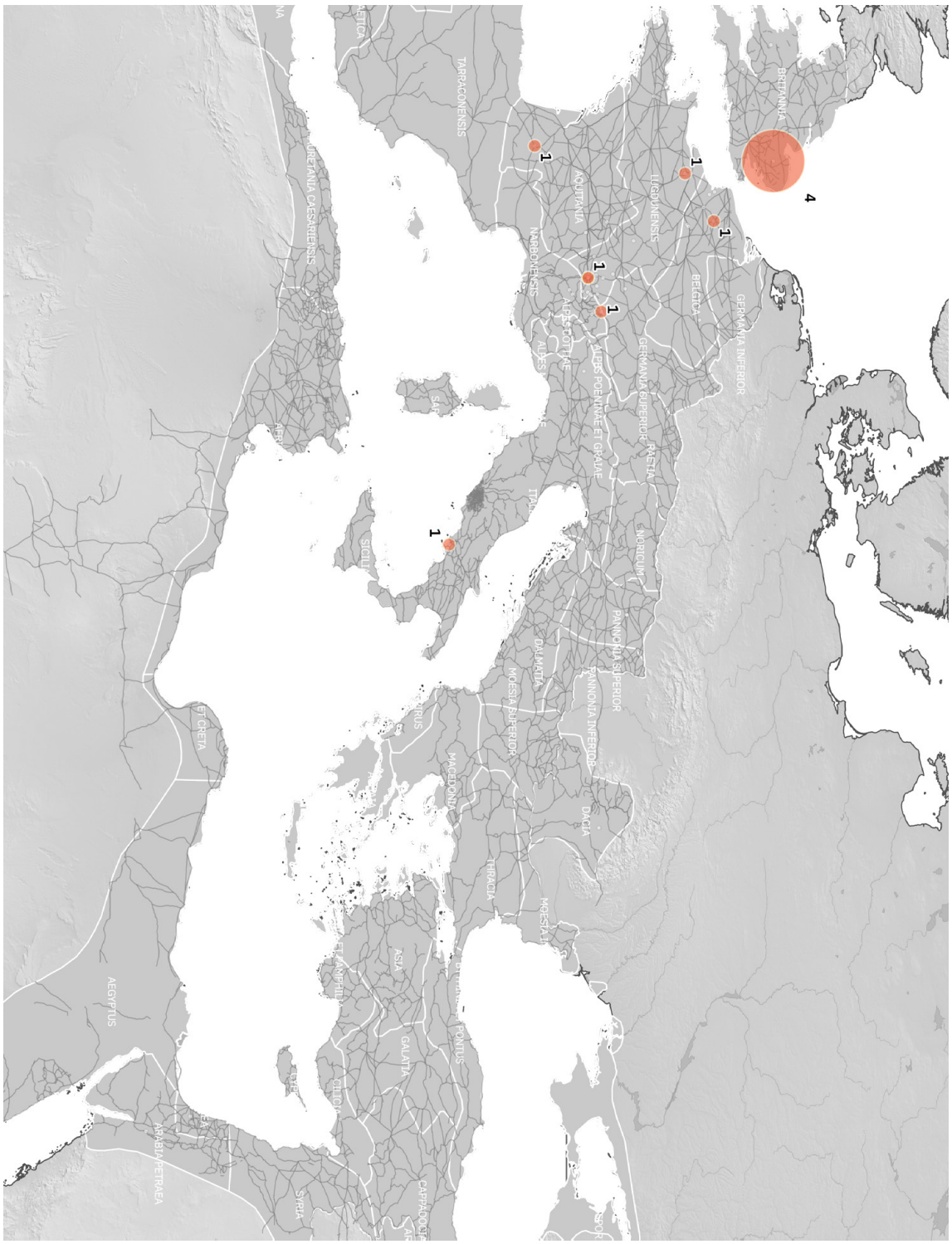


Fig. 66

Garnet found in Roman coin hoards.



Fig. 67

Sapphire found in Roman coin hoards.



Fig. 68

Lapis Lazuli found in Roman coin hoards.



Fig. 69

Chrysoprase found in Roman coin hoards.



Fig. 70

Aquamarine found in Roman coin hoards.

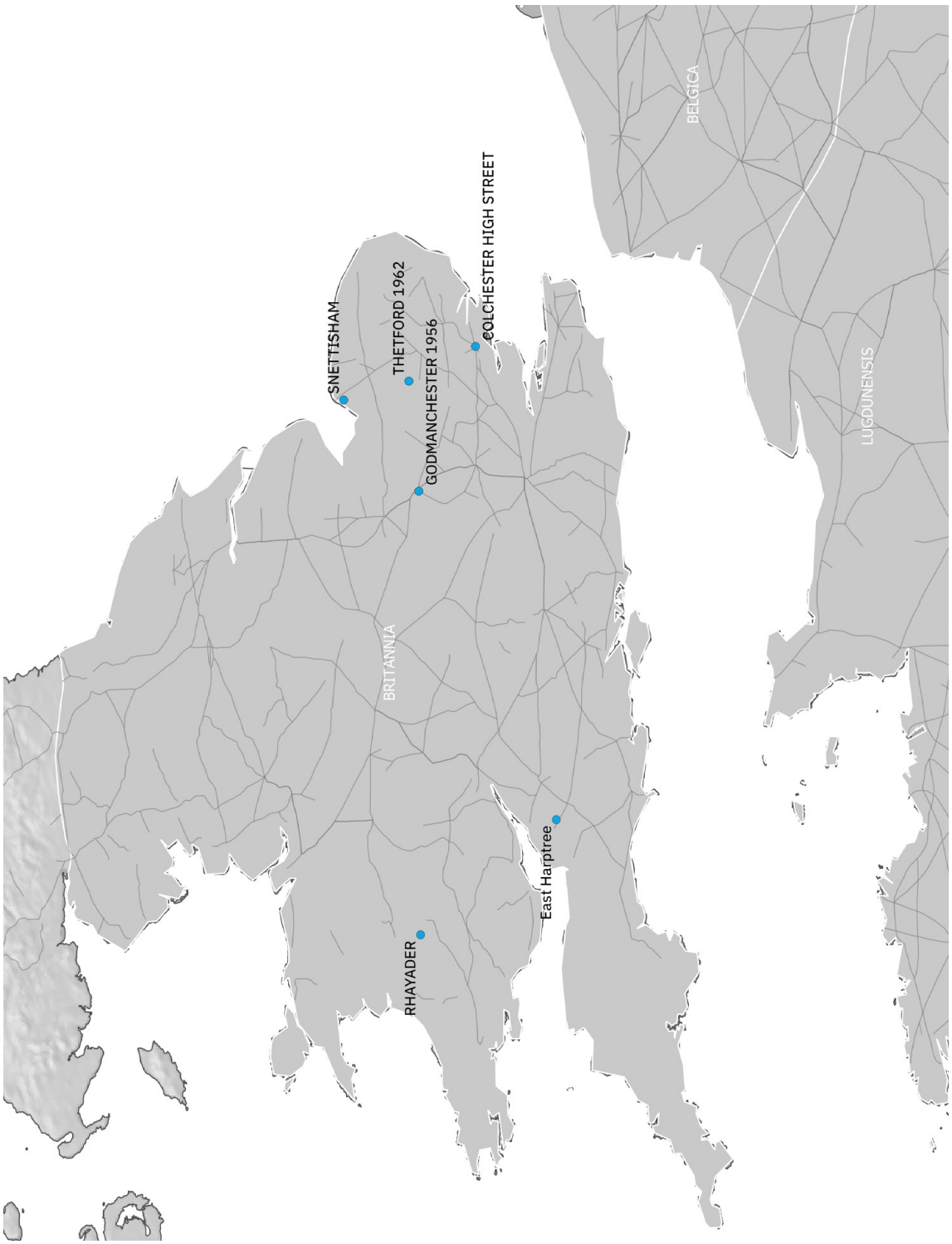


Fig. 71

Coin hoards in Roman Britain.

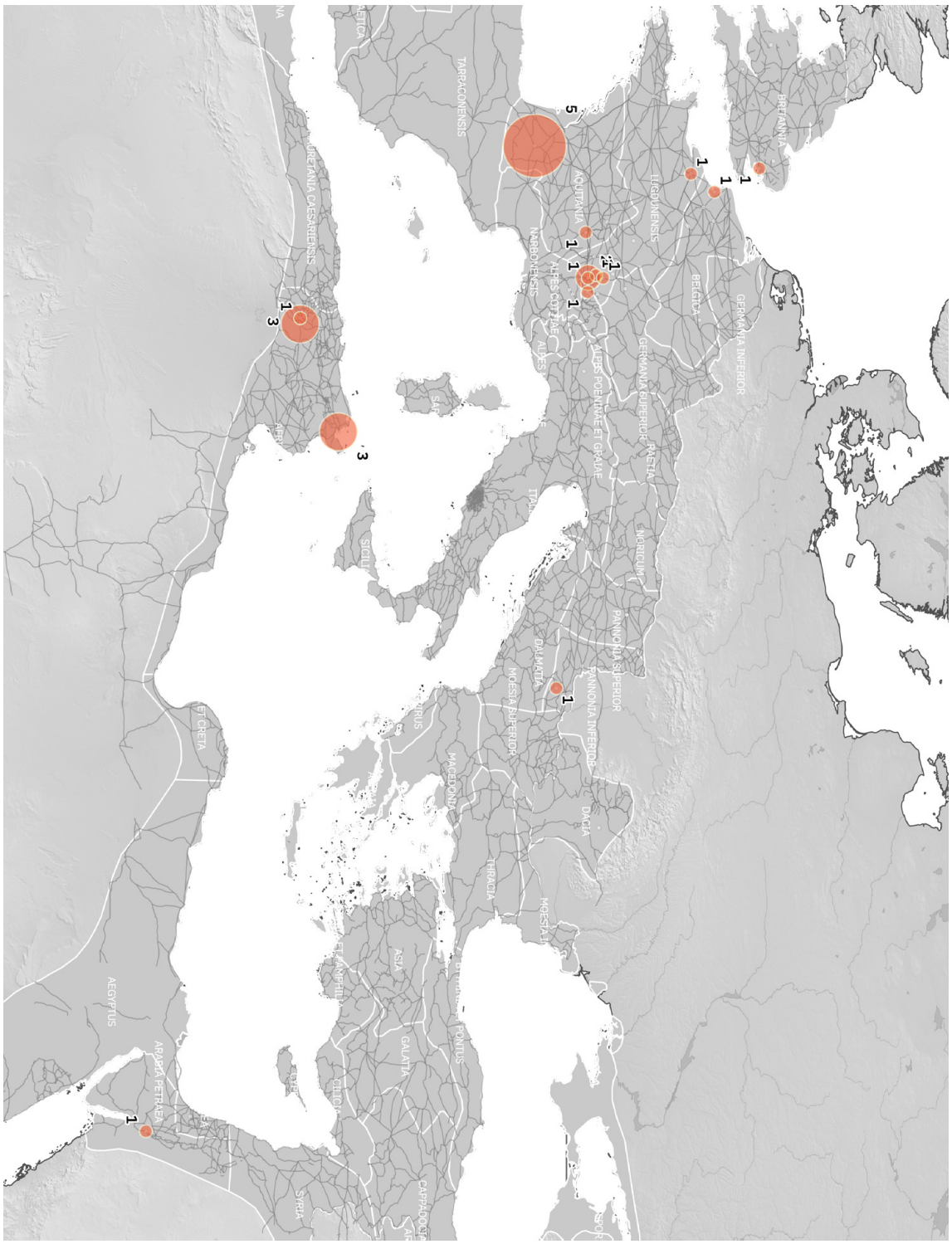


Fig. 72

Pearls found in Roman coin hoards.

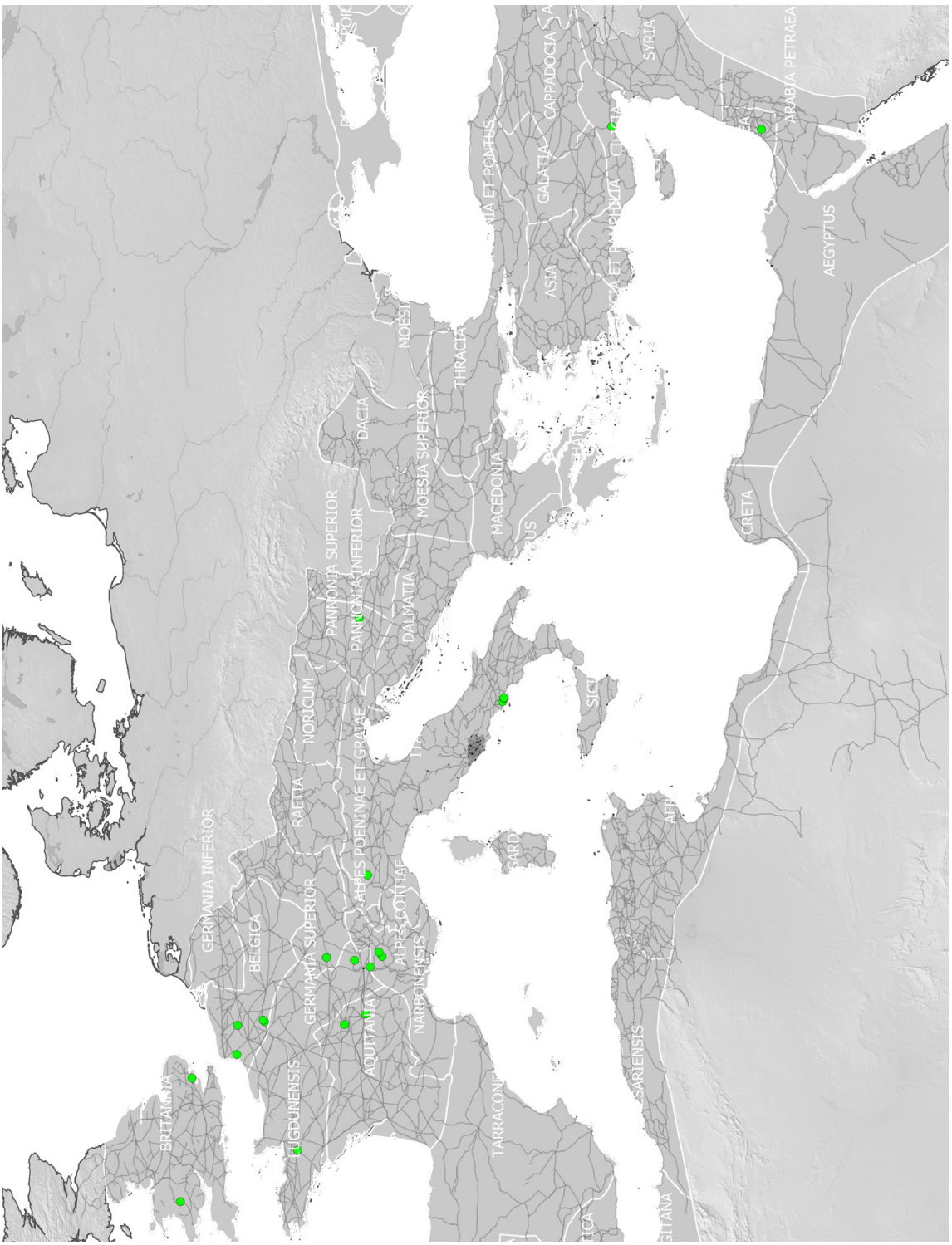


Fig. 73

Roman coin hoards dated to the 1st century AD.

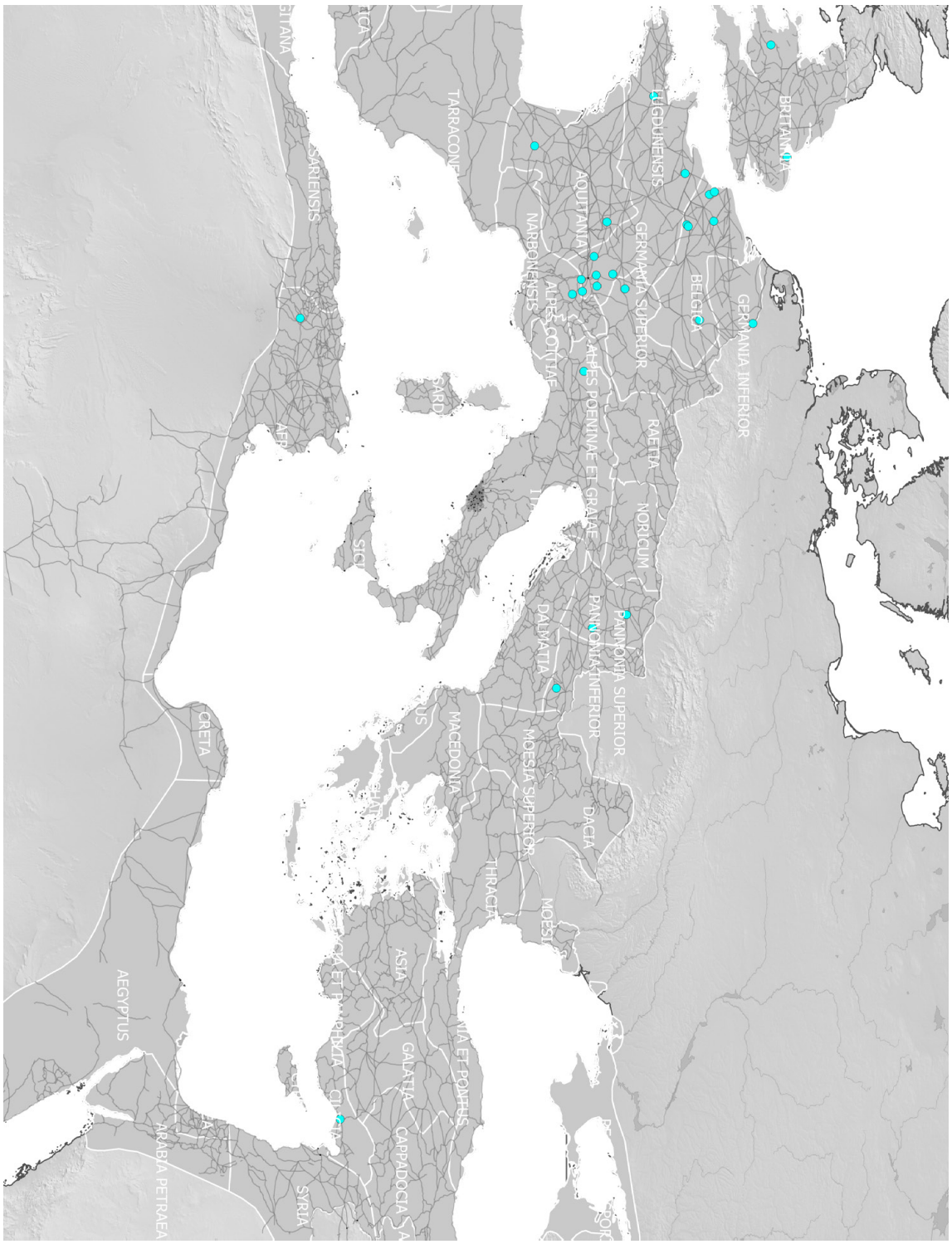


Fig. 74

Roman coin hoards dated to the 2nd century AD.

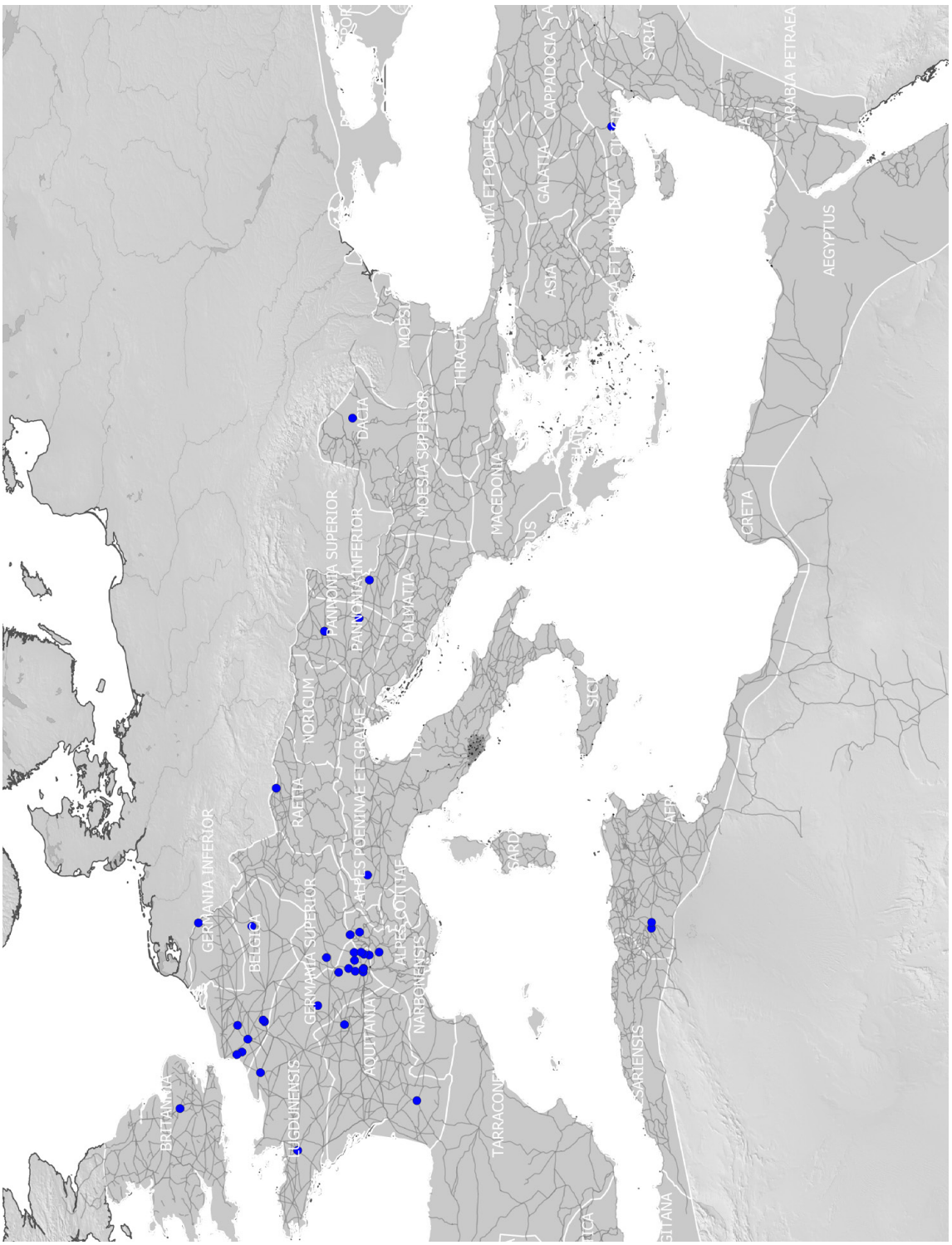


Fig. 75

Roman coin hoards dated to the 3rd century AD.



Fig. 76

Roman coin hoards dated to the 4th century AD.

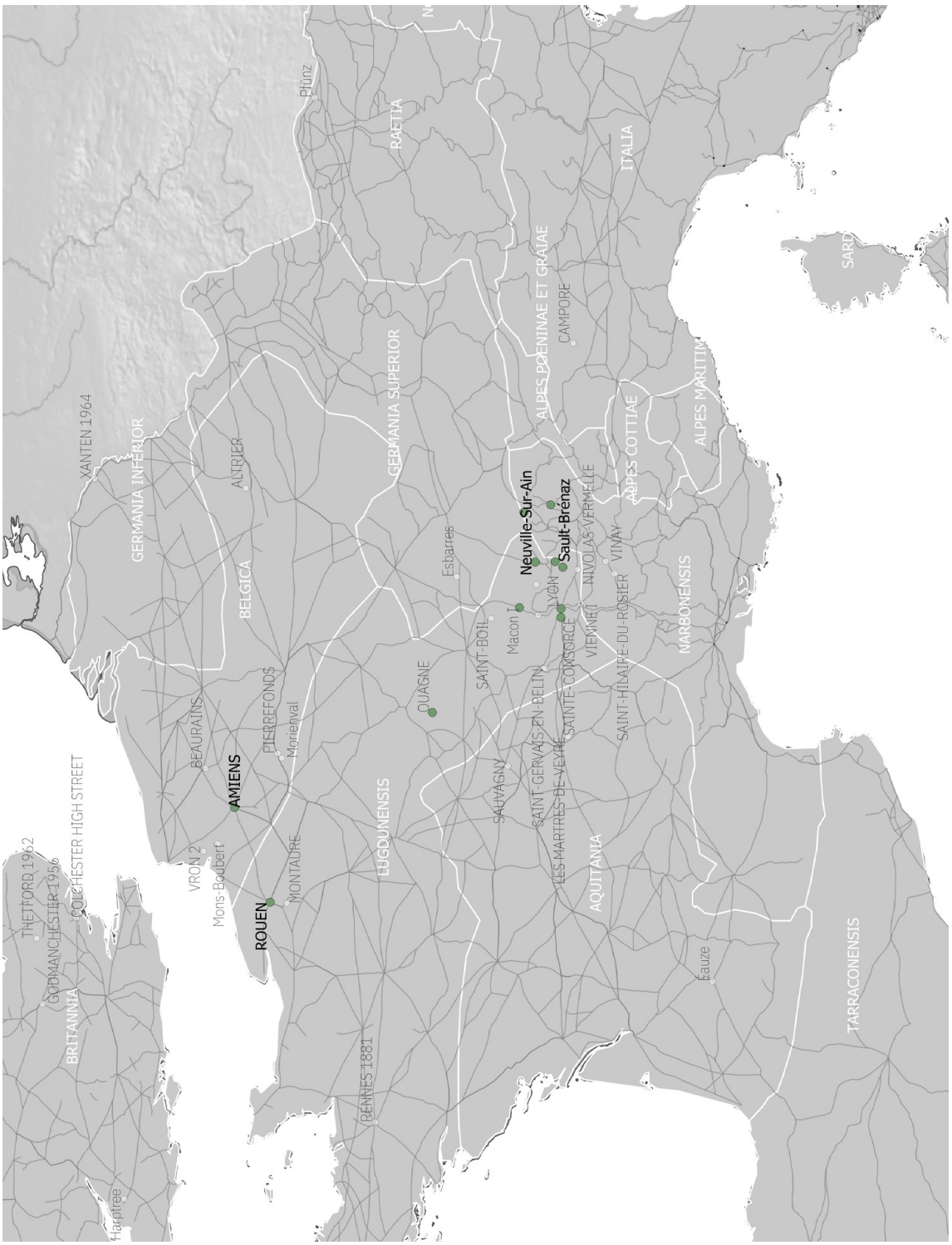


Fig. 77

3rd century AD Roman coin hoards in Gaul.

Figures - Chapter 6



Fig. 78

Mummy found at Sakkara by Pietro Della Valle. Dresden, Staatliche Skulprurensammlung.

Borg, 2000, 91



Fig. 79

Map of the Fayum basin.



Fig. 80

Severan Tondo
Portrait of family of Septimius Severus.
Late 2nd century AD

Staatliche Museen Berlin



Fig. 81

Pompeiian mosaic of a matron wearing a pearl necklace and earrings from *Insula VI.15*
From Pompeii.
1st century AD

Naples, National Archaeological Museum.

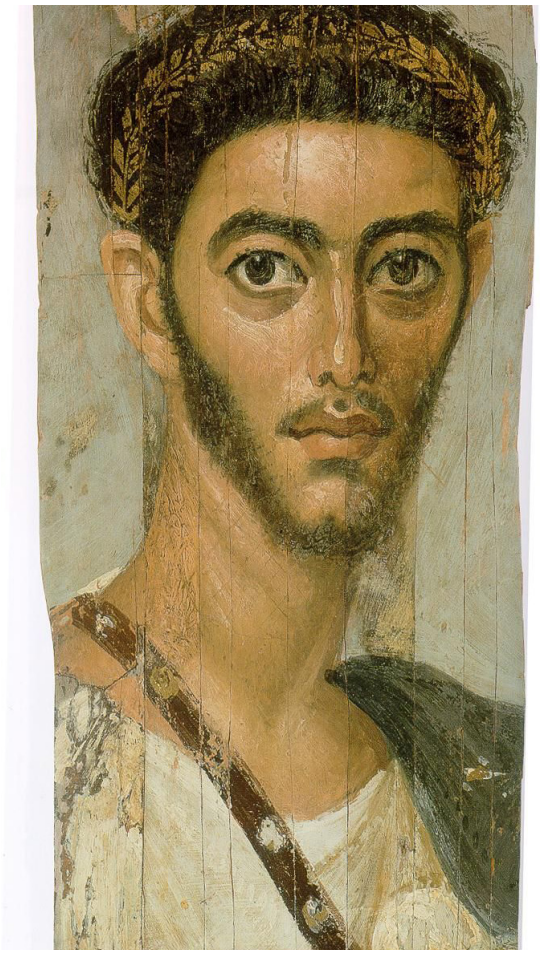


Fig. 82

portrait 28
Portrait of a man.
From Philadelphia (Er-Rubayat)
AD 110 - 138

The Antikensammlung, Berlin, Germany



Fig. 83

portrait 29
Portrait of a man.
From Philadelphia (Er-Rubayat)
AD 110 - 161

Vorderasiatisches Museum, Berlin, Germany

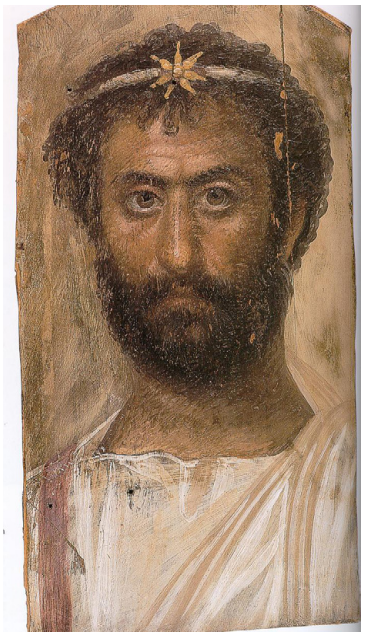


Fig. 84

portrait 33
Portrait of a man.
From Arsinoe (Hawara)
AD 138 - 161

BM Images

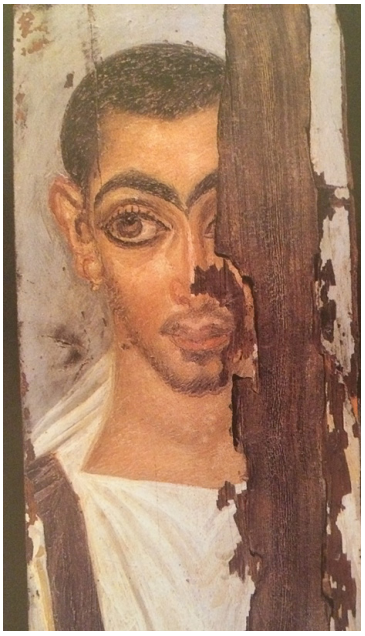


Fig. 85

Portrait of a man wearing a gold earring.
From Antinoopolis
AD 250 - 299

Private Collection



Fig. 86

Portrait of a young boy.
From Arsinoe (Hawara)
AD 69 - 96

The Egyptian Museum, Cairo, Egypt



Fig. 87

Necklace with 5-coin medallions.
Found in Egypt, Memphis (?)
c. AD 225

Met Images

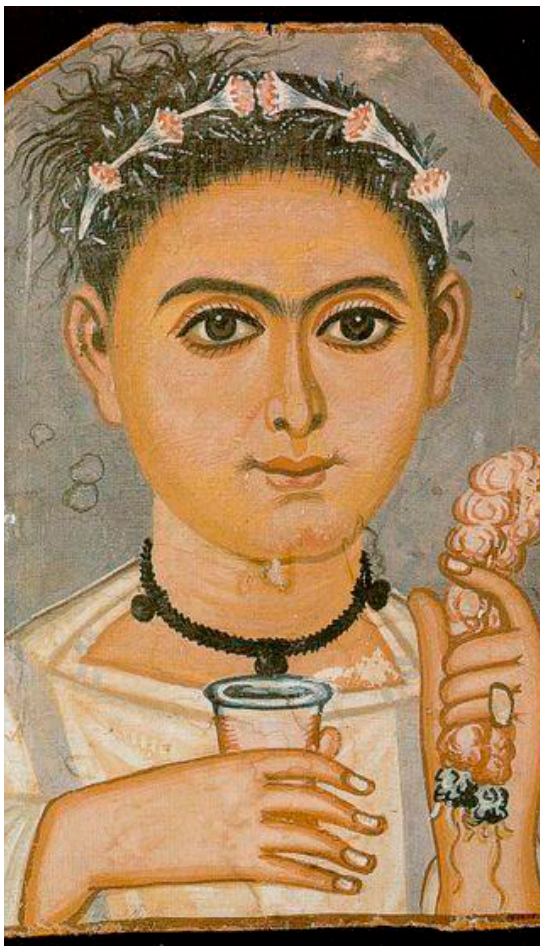


Fig. 88

Portrait 49
Portrait of a girl.
From Philadelphia (Er-Rubayat)
AD 200 - 230

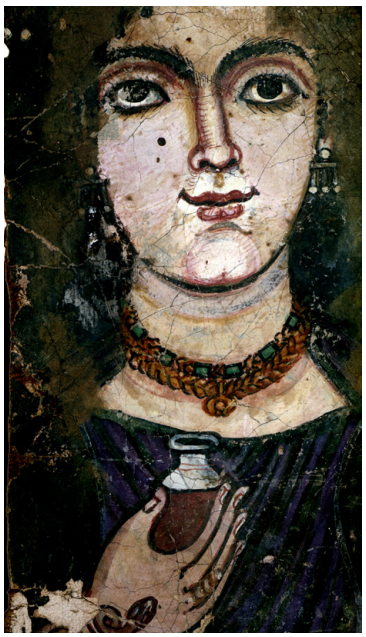
Brooklyn Museum of Art



Fig. 89

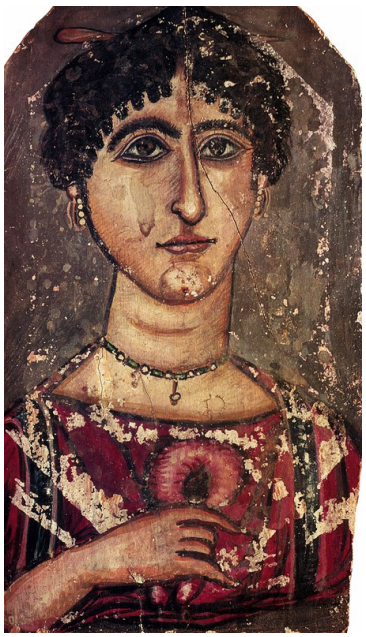
Portait 48
Portrait of a girl.
From Philadelphia (Er-Rubayat)
AD 190 - 230

Brooklyn Museum of Art



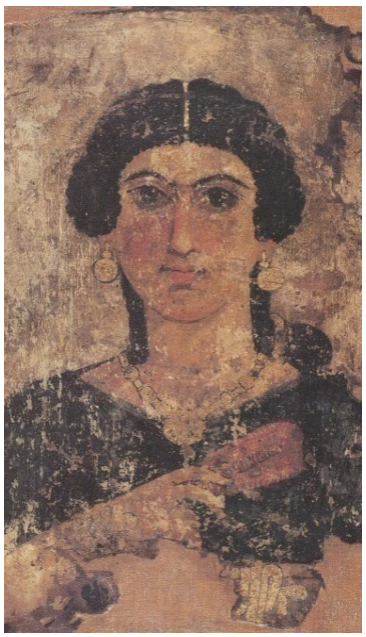
Portrait 31
Portrait of a woman.
From Philadelphia (Er-Rubayat)
AD 100 - 120

BM Images



Portrait 32
Portrait of a woman.
From Philadelphia (Er-Rubayat)
AD 117 - 138

Kunsthistoriches Museum, Vienna



Portrait 39
Portrait of a woman in encaustic on limewood.
From Arsinoe (Hawara)
AD 41 - 70

BM Images

Fig. 90

Fayum portraits of women showing their hands.

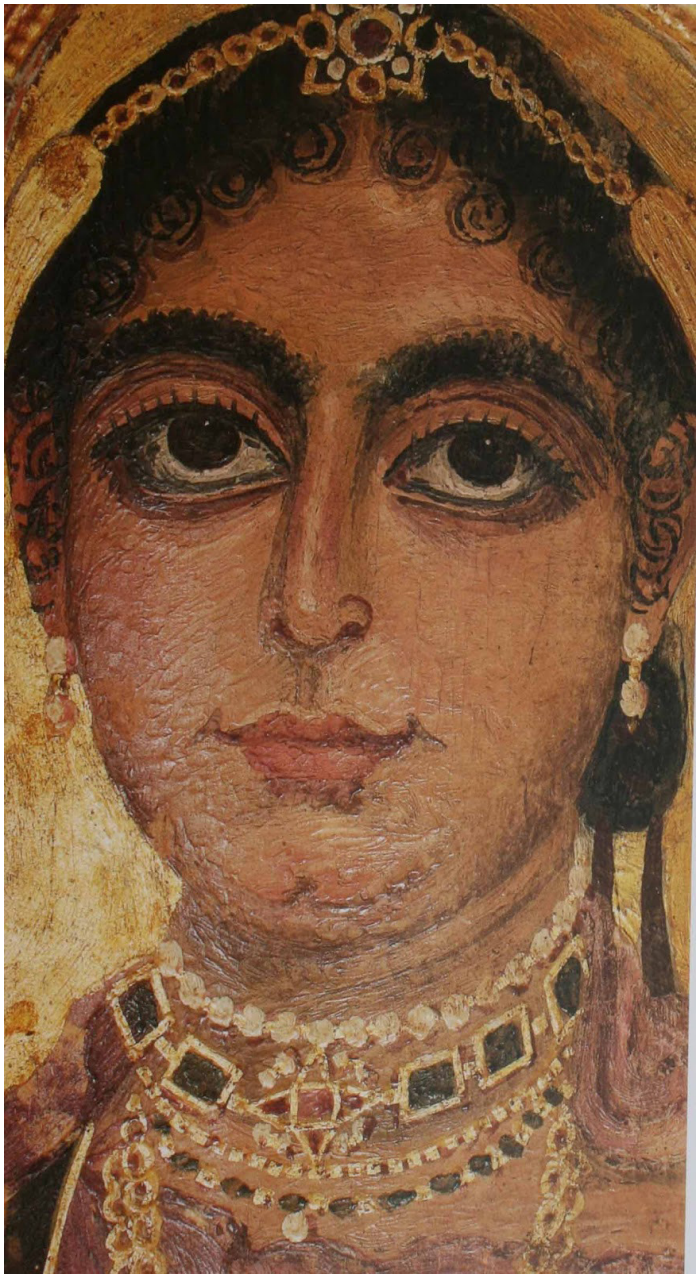




Fig. 91

Portrait 42
Portrait of a woman.
From Arsinoe (Hawara)
AD 125 - 150

The Egyptian Museum, Cairo,



Fig. 92

The Beauty of Palmyra.
From Palmyra
AD 190-210

Copenhagen,



Fig. 93

Portraits of women wearing hoop earings

Portrait 13
Portrait of a woman in encaustic on limewood.
From Arsinoe (Hawara)
AD 98 - 120

BM Images

Portrait 17
Portrait of a woman.
Unknown provenance
AD 117 - 138

The Egyptian Museum, Cairo

Portrait 18
Portrait of a woman in encaustic on limewood.
From Arsinoe (Hawara)
AD 69 - 120

BM Images

Portrait 19
Portrait of a woman.
From Antinoopolis
AD 130 - 161

Detroit Institute of Arts

Portrait 21
Portrait of a woman
Antinoopolis
AD 117 - 138

Arthur M, Sackler Museum, Harvard University

Portrait 22
Portrait of a woman
Arsinoe (Hawara)
AD 69 - 100

J. Paul Getty Museum, Malibu





Portrait 27
Portrait of a woman
From Memphis
(Saqqâra)
AD 253 - 268

Staatliche
Kunstsammlungen
Dresden

Portrait 35
Portrait of a woman.
From Arsinoe
(Hawara)
AD 14 - 37

The Egyptian
Museum, Cairo

Portrait 38
Portrait of a woman
in encaustic on
limewood.
From Arsinoe
(Hawara)
AD 138 - 192

BM Images

Portrait 44
Portrait of a woman
in encaustic on wood.
From Arsinoe
(Hawara)

AD 75 - 120

Ashmolean Museum

Portrait 45
Portrait of a woman
wearing an Egyptian
Hairpiece.
From Arsinoe
(Hawara)
AD 100 - 110

Royal Ontario
Museum, Toronto



Fig. 94

Fayum portraits of women wearing s-shaped earrings with three or four pearls.

Portrait 04
Portrait of a woman.
From Arsinoe (Hawara)
AD 117 - 161

Manchester Museum

Portrait 07
Portrait of a woman.
Unkown Provenance
AD 180 - 211

BM Images

Portrait 14
Portrait of a woman.
From Philadelphia (Er-Rubayat)
AD 170 - 211

BM Images

Portrait 32
Portrait of a woman.
From Philadelphia (Er-Rubayat)
AD 117 - 138

Kunsthistoriches Museum, Vienna

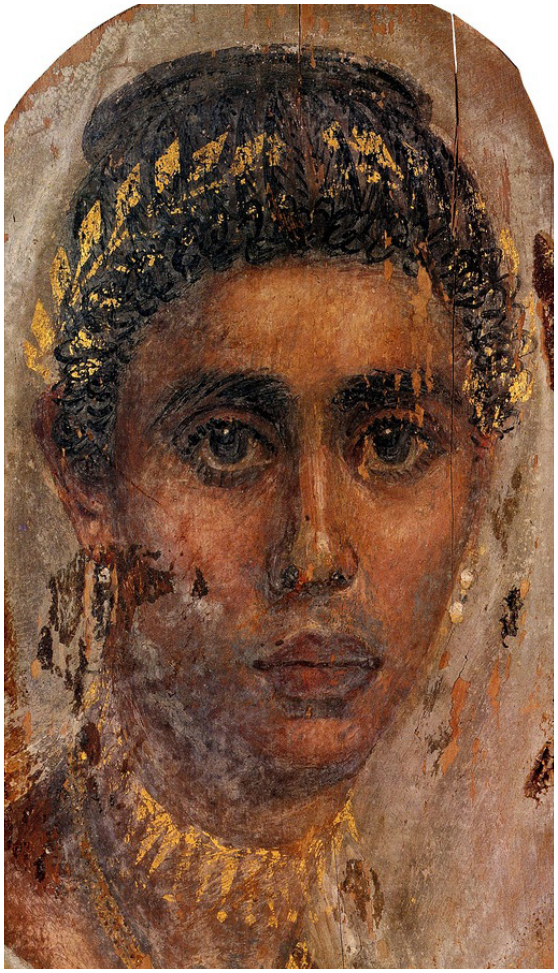


Fig. 95

Portrait 26
Portrait of a woman.
From Memphis (Saqqâra)
AD 100 - 161

BM Images

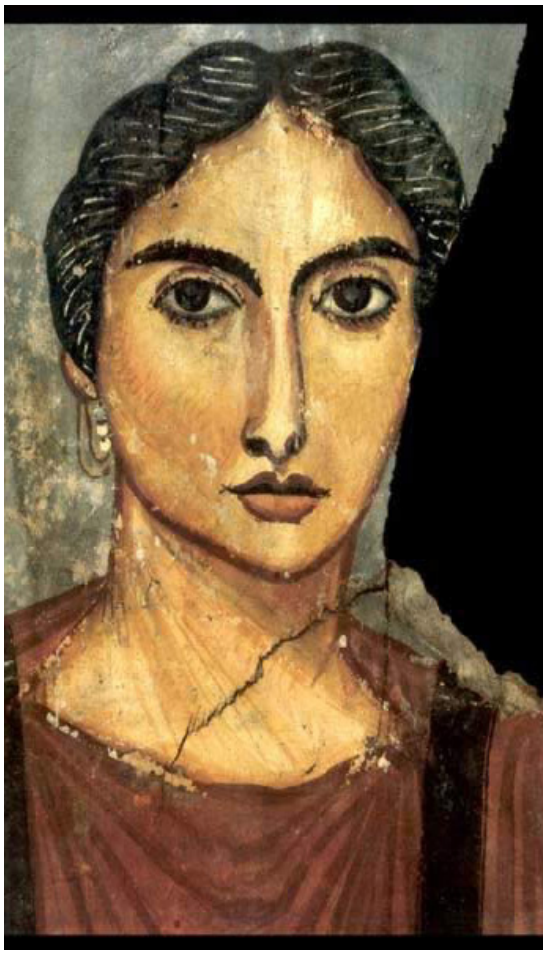


Fig. 96

Portrait 06
Portrait of a woman.
AD 161 - 192
Unknown Provenance

The Egyptian Museum, Cairo



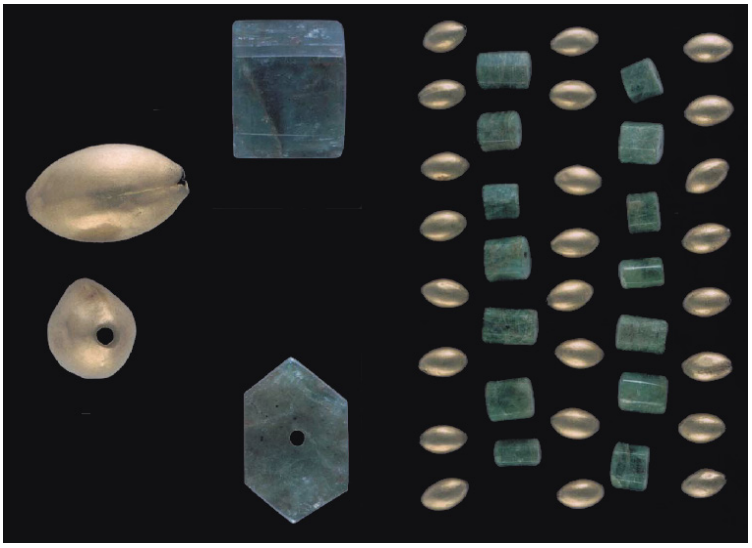


Fig. 97, DS. 6,173

Gold and emerald necklace.
Found in Oplontis, Naples, Italy.
1st Century AD

Aurisicchio et al. 2006, 3

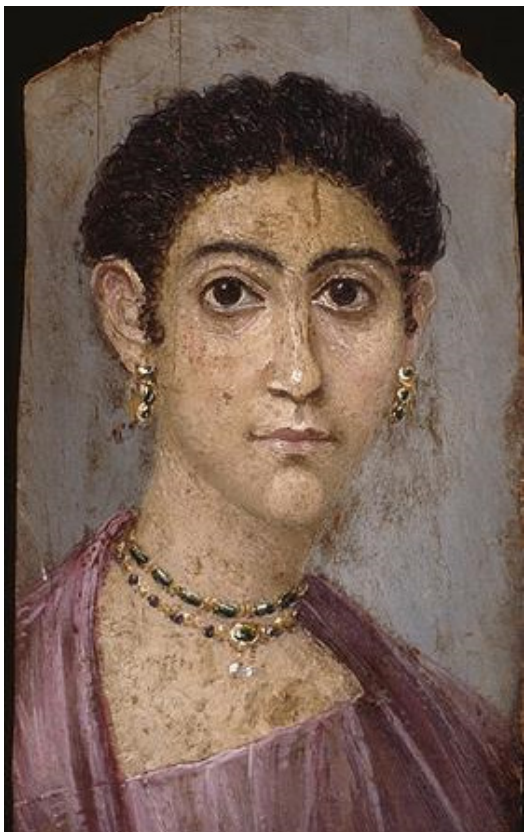


Fig. 98

Portrait 18
Portrait of a woman in encaustic on limewood.
From Arsinoe (Hawara)
AD 69 - 120

BM Images



Fig. 99, DS. 6,257

Gold ribbon-wire necklace with large baroque pearls and emeralds.
Found in Pompeii
1st century AD

Museo Archeologico Nazionale, Naples



Fig. 100, DS. 6,198

Gold and emerald necklace with Herakles knot links.
2nd - 3rd century AD

BM Images



Fig 101, DS. 6,200

Emerald link necklace.
2nd - 3rd century AD

BM Images



Fig. 102
Gold necklace with pearls and emerald plasma.

Found at Karavas, Cyprus
6th - 7th century AD

Met Images

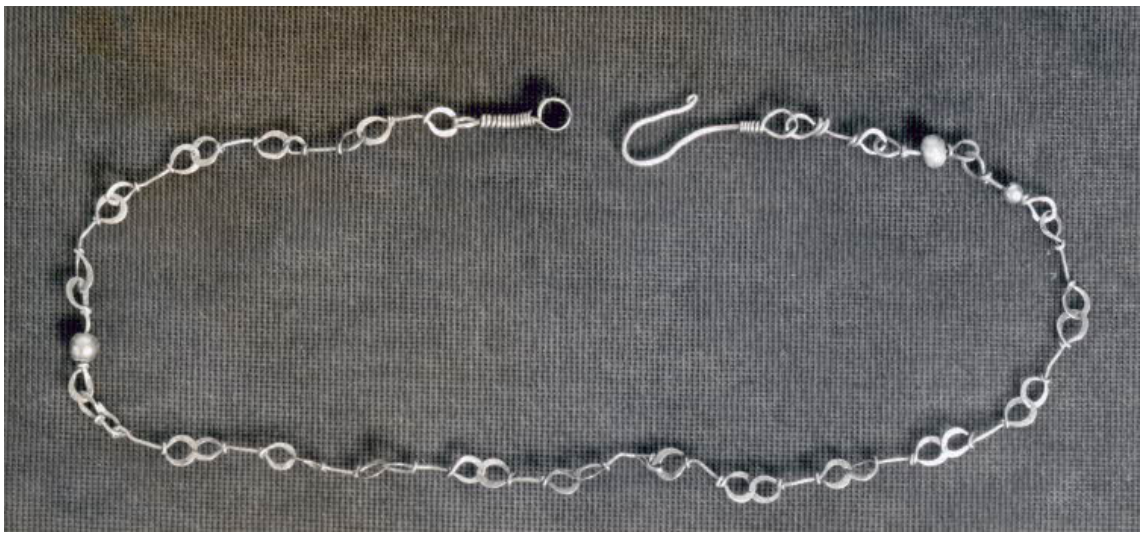


Fig. 103, DS. 9,751

Gold link necklace of pearls.
Found in Antaradus, modern day Tortosa
2nd-3rd century AD

BM Images



Fig. 104

Fayum portraits of women wearing gold ball earrings.

Portrait 51	Portrait 55	Portrait 60
Portrait of a woman.	Portrait of a woman.	Portrait of a woman.
Unknown Provenance	Unknown Provenance	Unknown Provenance
AD 54 - 68	AD 110 - 120	AD 69 - 96
Vienna National Library	Private Collection	Vienna National Library



Fig. 105

Fayum portraits of women wearing gold ball earrings.

Portrait 10
Portrait of a woman.
Unknown Provenance
AD 98 - 117

The Egyptian Museum, Cairo

Portrait 12
Portrait of a woman.
Arsinoe (Hawara)
AD 50 - 100

Petrie Museum

Portrait 15
Portrait of a young woman in encaustic on wood.
From Arsinoe (Hawara)
AD 25 - 96

BM ImagesKingdom

Portrait 16
Portrait of a woman.
Unknown Provenance
AD 117 - 138

The Egyptian Museum, Cairo

Portrait 52
Portrait of a woman in.
Unkown Provenance
AD 69 - 96

Brooklyn Museum

Portrait 39
Portrait of a woman in encaustic on limewood.
From Arsinoe (Hawara)
AD 41 - 70

BM Images

Portrait 40
Portrait of a woman.
From Arsinoe (Hawara)
AD 54 - 68

BM Images

Portrait 43
Portrait of a young woman in encaustic on wood.
From Arsinoe (Hawara)
AD 70 - 70

Staatliche Museen, Berlin



Fig. 106

Gold ball earrings with
s-shaped hooks.
Found in Pozzuoli, Italy
1st century AD

BM Images



Fig. 107, DS. 6,168

Gold and emerald earrings with
s-shaped hooks.
Found in Naples
1st century AD

BM Images



Fig. 108

Fayum portraits of women wearing pendant style earrings.

Portrait 47
Portrait of a woman.
From el-Hibeh (Ankyronpolis)
AD 100 - 110

The J. Paul Getty Museum, Malibu,

Portrait 3
Portrait of a woman.
From Arsinoe (Hawara)
AD 117 - 138

The Manchester Museum

Portrait 5
Portrait of a woman.
From Arsinoe (Hawara)
AD 130 - 192

Petrie Museum

Portrait 11
Portrait of a young woman in encaustic on wood.
From Arsinoe (Hawara)
AD 98 - 130

The Royal Scottish Museum, Edinburgh

Portrait 37
Portrait of a woman.
From Arsinoe (Hawara)
AD 69 -100

The Egyptian Museum, Cairo

Portrait 45
Portrait of a woman wearing an Egyptian hairpiece.
From Arsinoe (Hawara)
AD 100 - 110

Royal Ontario Museum, Toronto



Fig. 109

Fayum portraits of women wearing pendant style earrings.

Portrait 24	Portrait 30	Portrait 31
Portrait of a woman.	Portrait of a woman.	Portrait of a woman.
Unknown Provenance	Unknown Provenance	From Philadelphia (Er-Rubayat)
AD 54 - 68	AD 54 - 79	AD 100 - 120
Vienna National Library	Staatliche Museum, Berlin	BM Images



Fig. 110, DS. 9,721
Pair of pearl bar-and-drop style earrings.
Found in Oplontis
1st century AD

D'Ambrosio and Castel, 1987



Fig. 111, DS. 6,291

Pair of bar-and-drop earrings with pearls and emerald.
3rd century AD

Staatliche Museen, Berlin



Fig. 112

Fayum portraits of women wearing stud and large pendant-style earrings.

Portrait 01
Portrait of a woman in encaustic on wood.
From Arsinoe (Hawara)
AD 138 - 161

The Manchester Museum

Portrait 02
Portrait of a young woman.
From Arsinoe (Hawara)
AD 138 - 161

The Egyptian Museum, Cairo

Portrait 20
Portrait of a woman.
From Philadelphia (El-Rubayat) or Arsinoe (Hawara)
AD 160 - 192

BM Images

Portrait 23
Portrait of a woman..
From Antinoopolis
AD 138 - 161

Musée du Louvre

Portrait 25
Portrait of a woman.
From Arsinoe (Hawara)
AD 14 - 117

Ägyptisches Museum, Berlin

Portrait 34
Portrait of a young woman.
From Arsinoe (Hawara)
AD 14 - 50

Girton College, Cambridge University

Portrait 41
Portrait of a young woman.
From Arsinoe (Hawara)
AD 14 - 37

The Cleveland Museum of Art, Ohio

Portrait 42
Portrait of a woman.
From Arsinoe (Hawara)
AD 117 - 150

The Egyptian Museum, Cairo



Fig. 113, DS. 6,719

Gold earring with pearl pendant.
1st - 2nd century AD

Met Images



Fig. 114 DS. 6,283

Gold wire bracelet with emeralds and pearls.
Found in Ashmounein, Egypt
1st century AD

BM Images



Fig. 115
Map of Palmyra.





Fig. 116, DS. 9,764

Pair of gold and pearl earrings.
Found in Tortosa
2nd century AD

BM Images



Fig. 117

Portrait bust of a woman.
From Palmyra
AD 80 - 120

Ashmolean Museum



Fig. 118

Pair of gold stud and pendant style earrings.
Found in Syria
3rd century AD

V&A Images



Fig. 119

Portrait bust of a woman.
From Palmyra
AD 50 - 150

BM Images



Fig. 120

Portrait bust of a woman.
From Palmyra
AD 50 - 150

BM Images



Fig. 121

Portrait bust of a woman.
From Palmyra (?)
AD 50 - 150

Met Images



Fig. 122

Portrait bust of Aththaia,
daughter of Malchos.
From Palmyra
AD 150 - 200

MFA Images



Fig. 123

Portrait bust of Yarkhai son of Ogga and Balya his Daughter.
From Palmyra (?)
AD 150 - 200

Portland Museum of Art



Fig. 124

Gold twisted bracelet
1st - 4th century AD

BM Images



Fig. 125, DS. 6,155

Gold and emerald necklace.
1st - 2nd century AD

Met Images



Fig. 126

Gold necklace with a crescent pendant decorated with rosettes. Found in Egypt (?)
AD 50-150

BM Images



Fig. 127, DS. 9,807

Gold brooch with pearls, emeralds, and sapphires. Found in Tunis
3rd century AD

BM Images



Fig. 128, DS. 8,257

Japser, pearl, glass, and gold pendant.
2nd - 3rd century AD

Met Images



Fig. 129

UV analysis of The Beauty of Palmyra portrait bust.
AD 190 - 210

Sargent & Therkildsen 2010, 11-26



Fig. 130

Digital recreation of the 'Beauty of Palmyra'.

Brøns 2020, 141-158

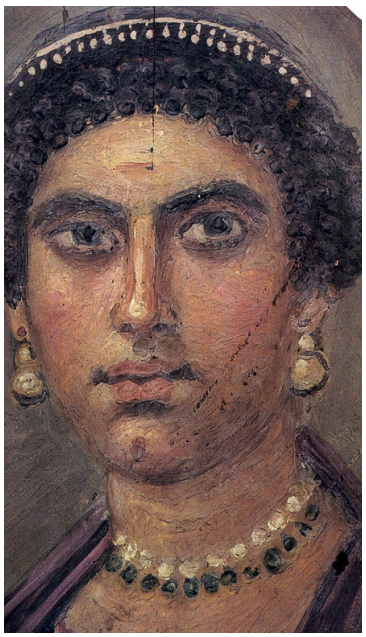
Fig. 131

Fayum portraits of women wearing paired necklaces of a strand of pearls and a strand of gems.



Portrait 22
Portrait of a woman.
From Arsinoe (Hawara)
AD 69 - 100

J. Paul Getty Museum, Malibu



Portrait 40
Portrait of a woman.
From Arsinoe (Hawara)
AD 54 - 68

BM Images



Fig. 132, DS. 6,483

Gold, pearl, and amethyst cabochon necklace.
2nd - 3rd century AD

BM Images



Fig. 133, DS. 8,860

Gold necklace with an amethyst pendant.
Found in Tartus (Antaradus)
3rd century AD

BM Images



Fig. 134

Portrait bust of Alâ daughter of Yarhai.
From Palmyra
AD 113 - 114

BM Images

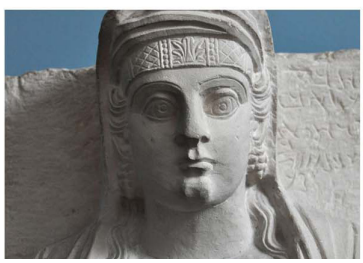




Fig. 135

Portrait bust of Alâ daughter of Yarhai.
From Palmyra
AD 113 - 114

NY Carlsberg Glyptotek



Fig. 136

Portrait bust of a woman.
From Palmyra
AD 200 - 273

BM Images

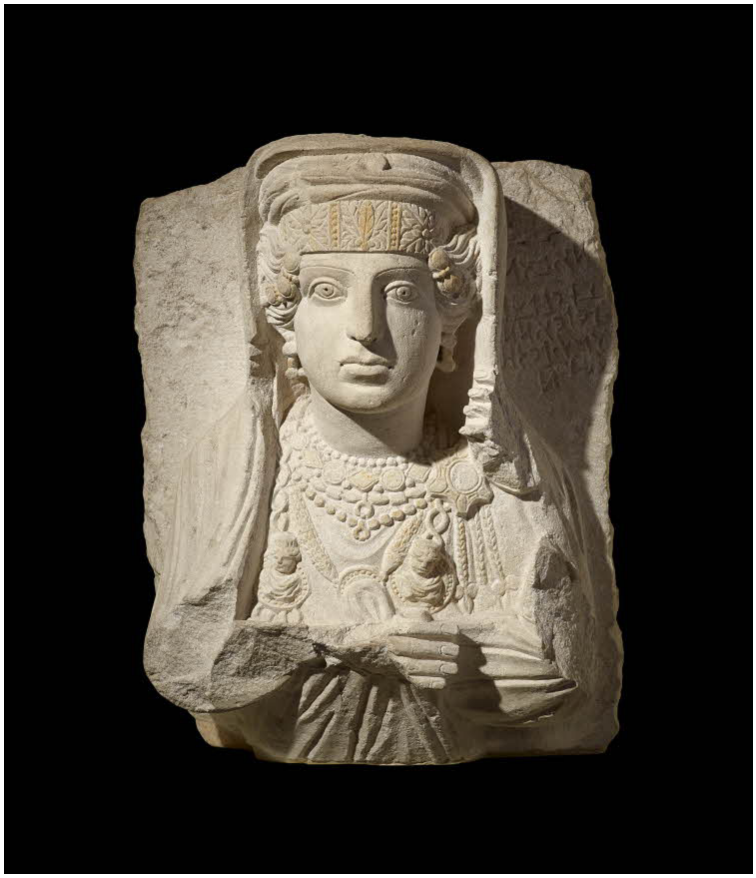


Fig. 137

Portrait bust of a woman.
From Palmyra
AD 200 - 273

BM Images



Fig. 138

Portrait bust of a Haliphat, daughter of Ogalta, son of Harimai.
From Palmyra
AD 231

Freer Sackler Smithsonian Museum Images

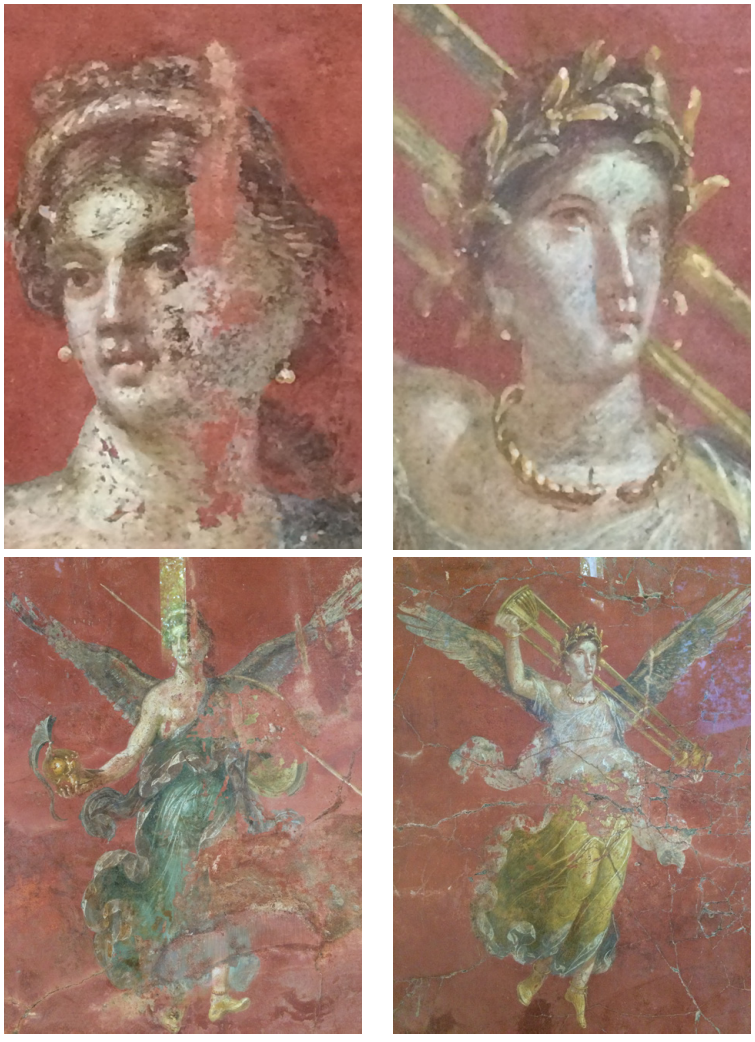


Fig. 139

Frescos of Muses painted wearing gold jewellery.
From Moregine, south of Pompeii
AD 54 - 68

Image by author



Fig. 140

Fresco of Venus wearing a gold diadem.
Pompeii
60 - 20 BC

D'Ambrosio, De Carolis, and Guzzo 2008, 31



Fig. 141

Fresco of Venus wearing pearl earrings.
Pompeii
AD 20 - 79

D'Ambrosio, De Carolis, and Guzzo 2008, 24

Roman Gems and Jewellery:

A quantitative study on trends in Roman gem supply and use from the 1st century BC to the 4th century AD

Gabriela Sotomayor

Wolfson College

Volume THREE: Empire-Wide Dataset

Thesis submitted to the University of Oxford for the degree of

D.Phil. in Archaeology

School of Archaeology

Publication / Catalogue Abbreviations

ABBREVIATION	PUBLICATION
AG Munich	Brandt, E. *Antike Gemmen in deutschen Sammlungen. Staatliche Münzsammlung München* (1970)
AG Vienna	Zwierlein-Diehl, E. *Die antiken Gemmen des Kunsthistorischen Museums in Wien* (1973-1991)
AGD Berlin	Zwierlein-Diehl, E. *Antike Gemmen in deutschen Sammlungen Staatlich Museen Preussischer Kulturbesitz Antikenabteilung, Berlin* (1969)
AGD Braunschweig	Scherf, V., Gercke, P. and Zazoff, P. *Antike Gemmen in deutschen Sammlungen Braunschweig, Göttingen, Kassel* (1970)
AGD Göttingen	Scherf, V., Gercke, P. and Zazoff, P. *Antike Gemmen in deutschen Sammlungen Braunschweig, Göttingen, Kassel* (1970)
AGD Hamburg	Schlüter, M., Platz-Horster, M. and Zazoff, P. *Antike Gemmen in deutschen Sammlungen Hannover, Kestner-Museum, Hamburg, Museum für Kunst und Gewerbe* (1975)
AGD Hannover	Schlüter, M., Platz-Horster, M. and Zazoff, P. *Antike Gemmen in deutschen Sammlungen Hannover, Kestner-Museum, Hamburg, Museum für Kunst und Gewerbe* (1975)
AGD Kassel	Scherf, V., Gercke, P. and Zazoff, P. *Antike Gemmen in deutschen Sammlungen Braunschweig, Göttingen, Kassel* (1970)
Alexandria 2009	Abdul Salam, F. and Inānī, ʿĀ. *Alexandria National Museum* (2009)
ÄM&P Online	Ägyptisches Museum und Papyrussammlung Online Collection https://www.smb-webshop.de/en/museums-und-collections/collections/aegyptisches-museum-und-papyrussammlung/
Aquileia 1966	Sena Chiesa, G. *Gemme del Museo Nazionale di Aquileia* (1966)
Aquileia 1996	*Gemme romane da Aquileia = Römische Gemmen aus Aquileia* (1996)
Ashmolean Online	Ashmolean Museum Collection Online https://collections.ashmolean.org/
Benaki 1999	Ballian, A. *Greek Jewellery from the Benaki Collections* (1999)
Berlin 1975	Greifenhagen, A. *Schmuckarbeiten in edelmetall, vols. 1–2. Berlin* (1975)
Berlin 2007	Weiß, C. (ed). *Die antiken Gemmen der Sammlung Heinrich Dressel in der Antikensammlung Berlin* (2007)
Berlin Online	Staaliche Museen zu Berlin Online Collection https://sammlung.smb.museum/
BM Online	British Museum Collection Online https://www.britishmuseum.org/collection
Bologna 1987	Mandrioli Bizzarri, A. R. *La collezione di gemme del Museo civico archaeologico di Bologna* (1987)
Carnuntum 2005	Dembski, G. *Die Antiken Gemmen und Kameen aus Carnuntum* (2005)
Chabouillet 1858	Chabouillet, A. *Catalogue général et raisonné des camées et pierres gravées de la Bibliothèque impériale : suivi de la description des autres monuments exposés dans le Cabinet des médailles et antiques, publié sous les auspices de s. exc. le ministre de l'instruction publique et des cultes* (1858)
CHRE	Coin Hoards of the Roman Empire https://chre.ashmus.ox.ac.uk/
de Clercq 1891-1912	Clercq, L. de. *Collection de Clercq : catalogue méthodique et raisonné : antiquités asSyriaiennes, cylindres orientaux, cachets, briques, bronzes, bas-reliefs, etc. Vol 7 Part 1 and 2.* (1898-1912)
de Ridder 1924	de Ridder, A. *Catalogue sommaire des bijoux antiques* (1924)
Éauze 1996	Amandry, M. *Le trésor d'Éauze : Bijoux et monnaies du 3e siècle après J.-C.* (1996)
El-Kachab 1963	El-Khachab, A. E. M. *A Collection of Gems from Egypt in Private Collections* (1963)
Fitzwilliam 1994	Henig, M. et al. *Classical gems: ancient and modern intaglios and cameos in the Fitzwilliam Museum, Cambridge* (1994)

ABBREVIATION	PUBLICATION
Fitzwilliam Online	The Fitzwilliam Museum Collection Online https://data.fitzmuseum.cam.ac.uk/
Geneva 1967	Vollenweider, M. L. *Catalogue raisonné des sceaux cylindres et intailles* (1967)
Getty 1992	Spier, J. *Ancient gems and finger rings: catalogue of the collection* (1992)
Guiraud 1988/2008	Guiraud, H. *Intailles et camées de l'époque romaine en Gaule, vols. 1–2. Paris* (1988/2008)
Guzzo 2003	Guzzo, P. G. *Storie da un'Eruzione* (2003)
Hague 1978	Maaskant-Kleibrink, M., *Catalogue of the engraved gems in the Royal Coin Cabinet, The Hague : the Greek, Etruscan, and Roman collections* (1978)
Hendler 2016	Amorai-Stark, S. and Hershkovitz, M. *Ancient gems, finger rings and seal boxes from Caesarea Maritima : the Hendler Collection* (2016)
Hermitage 1975	Gorbunova, K. S. and Saverkina, I. I., *Greek and Roman antiquities in the Hermitage* (1975)
Hermitage Online	The State Hermitage Museum Collection Online https://www.hermitagemuseum.org/wps/portal/hermitage/explore/collections
Israel Online	The Israel Museum, Jerusalem Collection Online https://www.imj.org.il/en/search/site
Marshman 2016	Marshman, I., *Making Your Mark in Britannia an investigation into the use of signet rings and intaglios in Roman Britain. University of Leicester* (2016)
Met Online	Metropolitan Museum of Art Collection Online https://www.metmuseum.org/art/collection
MFA Online	Museum of Fine Art Collection Online https://www.mfa.org/collections
Naples 1983	Pannuti, U. (ed.) *Museo Archaeologico Nazionale di Napoli - Catalogo della Collezione Glittica Vol 1* (1983)
Naples 1994	Pannuti, U. (ed.) *Museo Archaeologico Nazionale di Napoli - Catalogo della Collezione Glittica Vol 2* (1994)
Penn Online	The University of Pennsylvania Museum of Archaeology and Anthropology Collections Online https://www.penn.museum/collections/
Pinarius 1975	Pannuti, U. *Pinarius Cerialis, Gemmarius Pompeianus* (1975)
Platz-Horster 2012	Platz-Horster, G. *Erhabene Bilder Die Kameen in der Antikensammlung Berlin* (2012)
Pompeii 1987	D'Ambrosio, A., Castel S. A. *Gli ori di Oplontis - gioielli romani dal suburbio pompeiano* (1987)
RMO Online	National Museum of Antiquities- Rijksmuseum van Oudheden Collection Online https://www.rmo.nl/
Snettisham 1997	Johns, C. *The Snettisham Roman Jeweller's Hoard* (1997)
Thorvaldsens Online	Bertel Thorvaldsen's Art and Collections Online https://kataloget.thorvaldsensmuseum.dk/en
Uffizi Online	Uffizi Galleries Digital Archives https://www.uffizi.it/en/pages/digital-archives
V&A Online	Victoria and Albert Museum Collection Online https://www.vam.ac.uk/
Venice 1999	Nardelli, B. *Collezioni e Musei Archaeologici del Veneto - I Cammei del Museo Archaeologico Nazionale di Venezia* (1999)
Vesuvius 1997	D'Ambrosio, A., De Carolis, E. *I Monili dall'area Vesuviana* (1997)
Vollenweider 2003	Vollenweider, M. L. *Camées et intailles. Tome II : Les portraits romains du Cabinet des médailles. Catalogue raisonné* (2003)
Wright 2001	Middleton, S. E. H. *Classical engraved gems from Turkey and elsewhere: the Wright collection* (2001)
Xanten 1987/1994	Platz-Horster, G. *Die antiken Gemmen aus Xanten I & II. Köln.* (1987/1994)

Empire-Wide Dataset

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1	Getty Online	96.AM.292	J. Paul Getty Museum	Ring	1st - 2nd century AD	1	200			Gold	Amethyst
2	BM online	1814,0704.1334	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Agate
3	BM online	1872,0604.1338	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Agate
4	BM online	1889,0803.1	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Agate
5	El-Kachab 1963	30	Private Collection	Engraved Gem	3rd century BC - 3rd century AD	-300	300	Egypt	Alexandria		Agate
6	MFA online	18.384	Museum of Fine Arts, Boston	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
7	BM online	1872,0604.45	British Museum	Ring	206 BC - AD 220	-206	220			Gold	Agate
8	BM online	1814,0704.14	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Agate
9	Guiraud 1988/2008	684	Musée d'Art et d'Histoire, Metz	Engraved Gem	2nd - 1st century BC	-200	-1	France	Metz		Agate
10	Guiraud 1988/2008	334	Musée Rolin, Autun, Autun	Engraved Gem	2nd - 1st century BC	-200	-1	France	Orange		Agate
11	Fitzwilliam 1994	301	Fitzwilliam Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
12	RMO online	GS-01172	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
13	BM online	1987,0212.449	British Museum	Engraved Gem	1st century BC	-100	-1				Agate
14	BM online	1987,0212.167	British Museum	Engraved Gem	50 BC - AD 300	-50	300				Agate
15	Met Online	41.160.972	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Agate
16	MFA online	27.708	Museum of Fine Arts, Boston	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
17	MFA online	72.866	Museum of Fine Arts, Boston	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
18	Marshman 2016	44.00	Norwich Castle Museum	Ring	early 2nd - 1st century BC	-175	-1	Britain	Thetford, Frison Way	Iron	Agate
19	Israel online	76.42.2444	The Israel Museum, Jerusalem	Engraved Gem	100 BC	-100	-100				Agate
20	Thorvaldsens online	i143	Thorvaldsens Museum, Copenhagen	Ring	100 - 30 BC	-100	-30			Iron	Agate
21	Thorvaldsens online	i387	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
22	Thorvaldsens online	i1910	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
23	Thorvaldsens online	i1424	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
24	Thorvaldsens online	i169	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
25	Thorvaldsens online	i1054	Thorvaldsens Museum, Copenhagen	Ring	100 - 30 BC	-100	-30			Iron	Agate
26	Thorvaldsens online	i258	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
27	Thorvaldsens online	i1152	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
28	Thorvaldsens online	i1584	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
29	Thorvaldsens online	i1151	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
30	Thorvaldsens online	i1510	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
31	Thorvaldsens online	i1607	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
32	Thorvaldsens online	i920	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
33	Thorvaldsens online	i392	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
34	Thorvaldsens online	i1356	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
35	Thorvaldsens online	i730	Thorvaldsens Museum, Copenhagen	Ring	100 - 30 BC	-100	-30			Iron	Agate
36	Thorvaldsens online	i627	Thorvaldsens Museum, Copenhagen	Ring	100 - 30 BC	-100	-30			Iron	Agate
37	Thorvaldsens online	i1653	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
38	Thorvaldsens online	i601	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Agate
39	Guiraud 1988/2008	41	Centre de Recherches Archéologiques	Engraved Gem	1st century BC	-100	-1	France	Saint-Marcel		Agate
40	Guiraud 1988/2008	311	Dépôt , Société, Monestiés	Engraved Gem	1st century BC	-100	-1	France	Le Ségur		Agate
41	Guiraud 1988/2008	441	Dépôt de fouilles, Gabian	Engraved Gem	1st century BC	-100	-1	France	Gabian		Agate
42	Xanten 1987/1994	171	des Rheinischen Landesmuseums Bonn	Engraved Gem	1st century BC	-100	-1	Germany	Andere Fundorte / Ohne Fundort		Agate
43	Getty Online	81.AN.76.17	J. Paul Getty Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
44	Getty Online	82.AN.162.22	J. Paul Getty Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
45	AGD Braunschweig	26	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem
46	Guiraud 1988/2008	799	Musée Archéologique, Lattes	Engraved Gem
47	Guiraud 1988/2008	797	Musée Archéologique, Nîmes	Engraved Gem
48	Guiraud 1988/2008	310	Musée Archéologique, Vaison	Engraved Gem
49	Guiraud 1988/2008	493	Musée Nissan-lez-Ensérune	Ring
50	Guiraud 1988/2008	363	Musée, Société Archéologique	Engraved Gem
51	MFA online	69.1208	Museum of Fine Arts, Boston	Engraved Gem
52	MFA online	69.1208	Museum of Fine Arts, Boston	Engraved Gem
53	Fitzwilliam 1994	290	Fitzwilliam Museum	Engraved Gem
54	RMO online	GS-00204	National Museum of Antiquities, Leiden	Engraved Gem
55	RMO online	GS-00225	National Museum of Antiquities, Leiden	Engraved Gem
56	RMO online	GS-00229	National Museum of Antiquities, Leiden	Engraved Gem
57	RMO online	GS-00236	National Museum of Antiquities, Leiden	Ring
58	RMO online	GS-00277	National Museum of Antiquities, Leiden	Engraved Gem
59	RMO online	GS-00278	National Museum of Antiquities, Leiden	Engraved Gem
60	RMO online	GS-00279	National Museum of Antiquities, Leiden	Engraved Gem
61	RMO online	GS-00280	National Museum of Antiquities, Leiden	Engraved Gem
62	RMO online	GS-00281	National Museum of Antiquities, Leiden	Engraved Gem
63	RMO online	GS-00290	National Museum of Antiquities, Leiden	Engraved Gem
64	RMO online	GS-00296	National Museum of Antiquities, Leiden	Engraved Gem
65	RMO online	GS-00310	National Museum of Antiquities, Leiden	Engraved Gem
66	Fitzwilliam 1994	292	Fitzwilliam Museum	Engraved Gem
67	Fitzwilliam 1994	293	Fitzwilliam Museum	Engraved Gem
68	AG Munich	621	Staatliche Antikensammlungen, Munich	Engraved Gem
69	Chabouillet 1858	Camée. 242 Number of deposit: Chabouillet. 202	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem
70	AG Munich	886	Staatliche Antikensammlungen, Munich	Engraved Gem
71	AG Munich	896	Staatliche Antikensammlungen, Munich	Engraved Gem
72	AG Munich	902	Staatliche Antikensammlungen, Munich	Engraved Gem
73	Thorvaldsens online	i106	Thorvaldsens Museum, Copenhagen	Engraved Gem
74	Ashmolean Online	AN1941.541	Ashmolean Museum	Engraved Gem
75	BM online	1865,0712.76	British Museum	Engraved Gem
76	Getty Online	84.AN.1.28	J. Paul Getty Museum	Engraved Gem
77	Getty Online	85.AN.370.45	J. Paul Getty Museum	Engraved Gem
78	de Ridder 1924	74II	Musée du Louvre	Ring
79	Naples 1994	81 (inv. 26084/246)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
80	Naples 1994	90 (inv. 25865/33)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
81	Naples 1994	91 (inv. 25908/75)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
82	Naples 1994	107 (inv. 25882/50)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
83	Naples 1994	136 (inv. 27309/1447)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
84	Naples 1994	149 (inv. 25885/53)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
85	Naples 1994	165 (inv. 25864/32)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1				Agate
1st century BC	-100	-1	France	Lattes		Agate
1st century BC	-100	-1	France	Nîmes		Agate
1st century BC	-100	-1	France	Vaison-La-Romaine		Agate
1st century BC	-100	-1	France	Ensérune	Gold	Agate
1st century BC	-100	-1	France	Richemont		Agate
2nd - 1st century BC	-200	-1				Agate
2nd - 1st century BC	-200	-1				Agate
AD 101 - 110	101	110				Onyx (Nicolo)
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1			Gold	Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century AD	1	100				Chrysoprase
1st century AD	1	100				Chrysoprase
1st century BC	-100	-1	Greece			Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
2nd century AD	101	200				Agate
1st century BC - 1st century AD	-100	100				Agate
2nd - 1st century BC	-200	-1				Agate
1st century BC - 1st century AD	-100	100	Syria			Agate
1st century BC - 1st century AD	-100	100			Gold	Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
86	Naples 1994	203 (inv. 26328/489)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
87	Naples 1994	218 (inv. 25900/67)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
88	Naples 1994	228 (inv. 27248/1386)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
89	Naples 1994	261 (inv. 26641/802)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
90	Naples 1994	279 (inv. 27131/1270)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
91	Naples 1994	297 (inv. 26680/841)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
92	Naples 1994	301 (inv. 27011/1166)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
93	Naples 1994	303 (inv. 27012/1167)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
94	Naples 1994	299 (inv. 27006/1161)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
95	Naples 1994	306 (inv. 27005/1160)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
96	Naples 1994	310 (inv. 26646/807)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
97	Naples 1994	79 (inv. 25859/27)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
98	Naples 1994	88 (inv. 25852/20)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
99	Naples 1994	92 (inv. 25984/151)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
100	Naples 1994	95 (inv. 25883/51)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
101	Naples 1994	97 (inv. 25873/41)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
102	Naples 1994	98 (inv. 25888/56)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
103	Naples 1994	101 (inv. 25914/81)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
104	Naples 1994	102 (inv. 25934/101)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
105	Naples 1994	104 (inv. 25950/117)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
106	Naples 1994	109 (inv. 25845/13)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
107	Naples 1994	117 (inv. 25849/17)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
108	Naples 1994	132 (inv. 25982/149)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
109	Naples 1994	160 (inv. 25931/98)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
110	Naples 1994	185 (inv. 25930/97)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
111	Naples 1994	215 (inv. 25902/69)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
112	Naples 1994	245 (inv. 25960/127)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100	Italy	Pompeii (?)		Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
113	Naples 1994	253 (inv. 25936/103)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
114	AG Munich	2319	Staatliche Antikensammlungen, Munich	Engraved Gem
115	Thorvaldsens online	i408	Thorvaldsens Museum, Copenhagen	Engraved Gem
116	RMO online	GS-00410	National Museum of Antiquities, Leiden	Engraved Gem
117	Met Online	81.6.78	Metropolitan Museum of Art, New York	Engraved Gem
118	de Clercq 1891-1912	3096	Musée du Louvre	Engraved Gem
119	de Clercq 1891-1912	2963	Musée du Louvre	Engraved Gem
120	de Clercq 1891-1912	3018	Musée du Louvre	Engraved Gem
121	de Clercq 1891-1912	3048	Musée du Louvre	Engraved Gem
122	de Clercq 1891-1912	3089	Musée du Louvre	Engraved Gem
123	de Clercq 1891-1912	3126	Musée du Louvre	Ring
124	de Clercq 1891-1912	3111	Musée du Louvre	Ring
125	de Clercq 1891-1912	3228	Musée du Louvre	Engraved Gem
126	de Clercq 1891-1912	3130	Musée du Louvre	Engraved Gem
127	de Clercq 1891-1912	3377	Musée du Louvre	Engraved Gem
128	Naples 1983	19 (inv. 115471)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
129	Naples 1983	43 (inv. 155868)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
130	Naples 1983	56 (inv. 109576)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
131	Naples 1983	67 (inv. 27663)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
132	Naples 1983	72 (inv. 158861)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
133	Naples 1983	108 (inv. 27617)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
134	Naples 1983	122 (inv. 158767)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
135	Naples 1983	156 (inv. 158854)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
136	Naples 1983	169 (inv. 125279)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
137	Naples 1983	194 (inv. 115477)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
138	Naples 1983	196 (inv. 27631)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
139	Naples 1983	197 (inv. 158789)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
140	Naples 1983	214 (inv. 118724)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
141	Naples 1983	224 (inv. 26981)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
142	Naples 1983	247 (inv. 121757)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
143	Naples 1983	248 (inv. 125285)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
144	Naples 1983	266 (inv. 109577)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
145	Naples 1983	307 (inv. 27623)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
146	Naples 1983	330 (inv. 129489)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - early 1st century AD	-100	25				Agate
1st century BC - 3rd century AD	-100	300				Agate
1st century BC - 4th century AD	-100	400	Syria	Tartus		Agate
1st century BC - 4th century AD	-100	400				Agate
1st century BC - 4th century AD	-100	400				Agate
1st century BC - 4th century AD	-100	400				Agate
1st century BC - 4th century AD	-100	400				Agate
1st century BC - 4th century AD	-100	400	Syria	Tartus		Agate
1st century BC - 4th century AD	-100	400				Agate
1st century BC - 4th century AD	-100	400	Syria	Tartus		Agate
1st century BC - 4th century AD	-100	400	Syria	Tartus		Agate
1st century BC - 4th century AD	-100	400				Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Herculaneum		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Herculaneum		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
147	Naples 1983	58 (inv. 118999)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
148	Naples 1983	252 (inv. 116409)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
149	Naples 1983	274 (inv. 158771)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
150	Naples 1983	262 (inv. 158833)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
151	Naples 1983	32 (inv. 158764)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
152	Naples 1983	117 (inv. 158806)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
153	Naples 1983	165 (inv. 158765)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
154	Naples 1983	337 (inv. 158766)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
155	Naples 1983	22 (inv. 158787)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
156	Naples 1983	30 (inv. 158784)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
157	Naples 1983	129 (inv. 136755)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
158	Naples 1983	133 (inv. 158824)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
159	Naples 1983	172 (inv. 158818)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
160	Naples 1983	211 (inv. 26775)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
161	Naples 1983	271 (inv. 116410)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
162	Xanten 1987/1994	54	LVR-Archäologischer Park Xanten	Engraved Gem
163	Xanten 1987/1994	103	LVR-Archäologischer Park Xanten	Engraved Gem
164	Xanten 1987/1994	104	LVR-Archäologischer Park Xanten	Engraved Gem
165	Guiraud 1988/2008	861	Musée d'Art et d'Histoire, Metz	Engraved Gem
166	Ashmolean Online	AN1941.291	Ashmolean Museum	Engraved Gem
167	Getty Online	85.AN.370.42	J. Paul Getty Museum	Engraved Gem
168	Fitzwilliam 1994	340	Fitzwilliam Museum	Engraved Gem
169	Fitzwilliam 1994	353	Fitzwilliam Museum	Engraved Gem
170	Guiraud 1988/2008	319	Musée Archéologique, Fréjus	Ring
171	Guiraud 1988/2008	362	Dépôt , Laboratorie archéologique, Université Rennes	Ring
172	Xanten 1987/1994	226	LVR-Archäologischer Park Xanten	Engraved Gem
173	RMO online	GS-00371	National Museum of Antiquities, Leiden	Engraved Gem
174	RMO online	GS-00276	National Museum of Antiquities, Leiden	Engraved Gem
175	RMO online	GS-00270	National Museum of Antiquities, Leiden	Engraved Gem
176	RMO online	GS-00271	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Boscoreale		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
1st century BC - AD 79	-100	79	Italy	Pompeii		Agate
early - mid 1st century BC	-100	-50	Germany	Fürstenberg And Its Environs		Agate
early - mid 1st century BC	-100	-50	Germany	Fürstenberg And Its Environs		Agate
early - mid 1st century BC	-100	-50	Germany	Fürstenberg And Its Environs		Agate
early 1st century BC	-100	-75	France	Metz		Agate
1st century BC	-100	-1				Agate
mid 1st century BC	-75	-50	Syria			Agate
1st century AD	1	100				Chrysoprase
1st century AD	1	100				Onyx (Nicolo)
mid - late 1st century BC	-50	-1	France	Fréjus	Gold	Agate
mid - late 1st century BC	-50	-1	France	Rennes	Gold	Agate
mid - late 1st century BC	-50	-1	Germany	Andere Fundorte / Ohne Fundort		Agate
mid 1st century BC - 1st century AD	-50	100				Agate
mid - late 1st century BC	-50	-1				Agate
mid - late 1st century BC	-50	-1				Agate
mid - late 1st century BC	-50	-1				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
177	RMO online	GS-00272	National Museum of Antiquities, Leiden	Engraved Gem
178	RMO online	GS-00273	National Museum of Antiquities, Leiden	Engraved Gem
179	RMO online	GS-00274	National Museum of Antiquities, Leiden	Engraved Gem
180	RMO online	GS-00275	National Museum of Antiquities, Leiden	Engraved Gem
181	RMO online	GS-00311	National Museum of Antiquities, Leiden	Engraved Gem
182	MFA online	98.773	Museum of Fine Arts, Boston	Earring
183	BM online	1987,0212.58	British Museum	Engraved Gem
184	Guiraud 1988/2008	773	Centre de recherches archéologiques, Saint Marcel	Ring
185	Guiraud 1988/2008	545	Dépôt archéologique de Mâlain	Engraved Gem
186	Fitzwilliam 1994	374	Fitzwilliam Museum	Engraved Gem
187	Bologna 1987	57 (inv. Gl. 98)	Museo Civico Archeologico di Bologna	Engraved Gem
188	BM online	1996,0701.1	British Museum	Ring
189	RMO online	GS-00437	National Museum of Antiquities, Leiden	Engraved Gem
190	RMO online	GS-00442	National Museum of Antiquities, Leiden	Engraved Gem
191	RMO online	GS-00443	National Museum of Antiquities, Leiden	Engraved Gem
192	RMO online	GS-00444	National Museum of Antiquities, Leiden	Engraved Gem
193	RMO online	GS-00395	National Museum of Antiquities, Leiden	Engraved Gem
194	RMO online	GS-00396	National Museum of Antiquities, Leiden	Engraved Gem
195	RMO online	GS-00403	National Museum of Antiquities, Leiden	Engraved Gem
196	RMO online	GS-00417	National Museum of Antiquities, Leiden	Engraved Gem
197	RMO online	GS-00429	National Museum of Antiquities, Leiden	Engraved Gem
198	RMO online	GS-00434	National Museum of Antiquities, Leiden	Engraved Gem
199	RMO online	GS-00435	National Museum of Antiquities, Leiden	Engraved Gem
200	RMO online	GS-00436	National Museum of Antiquities, Leiden	Engraved Gem
201	RMO online	GS-00438	National Museum of Antiquities, Leiden	Engraved Gem
202	RMO online	GS-00439	National Museum of Antiquities, Leiden	Engraved Gem
203	RMO online	GS-00440	National Museum of Antiquities, Leiden	Engraved Gem
204	MFA online	98.772	Museum of Fine Arts, Boston	Earring
205	Aquileia 1966	447 (inv. 24772)	The National Archaeological Museum of Aquileia	Engraved Gem
206	Guiraud 1988/2008	876	Dépôt de fouilles, Ehl	Engraved Gem
207	Guiraud 1988/2008	698	Musée Archéologique, Dijon	Engraved Gem
208	Guiraud 1988/2008	682	Musée Rolin, Autun, Autun	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
mid - late 1st century BC	-50	-1				Agate
mid - late 1st century BC	-50	-1				Agate
mid - late 1st century BC	-50	-1				Agate
mid - late 1st century BC	-50	-1				Agate
mid - late 1st century BC	-50	-1				Agate
2nd - 1st century BC	-200	-1			Gold	Agate, Emerald, Garnet
1st century BC - 1st century AD	-100	100				Agate
mid 1st century BC - mid 1st century AD	-50	50	France	Saint-Marcel	Gold	Agate
mid 1st century BC - mid 1st century AD	-50	50	France	Mâlain		Agate
1st century AD	1	100				Chrysoprase
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - mid 1st century AD	-50	50	Britain	Alton	Gold	Agate
mid 1st century BC - mid 1st century AD	-50	50				Agate
mid 1st century BC - mid 1st century AD	-50	50				Agate
mid 1st century BC - mid 1st century AD	-50	50				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
mid 1st century BC - early 1st century AD	-50	25				Agate
2nd - 1st century BC	-200	-1			Gold	Agate, Emerald, Garnet
43 BC - AD 18	-43	18	Italy	Aquileia		Agate
43 BC - AD 18	-43	18	France	Ehl		Agate
43 BC - AD 18	-43	18	France	Mont Beuvray		Agate
43 BC - AD 18	-43	18	France	Autun		Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
209	AGD Braunschweig	141	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem
210	Thorvaldsens online	i1043	Thorvaldsens Museum, Copenhagen	Engraved Gem
211	Thorvaldsens online	i1045	Thorvaldsens Museum, Copenhagen	Engraved Gem
212	Thorvaldsens online	i1428	Thorvaldsens Museum, Copenhagen	Engraved Gem
213	Thorvaldsens online	i1474	Thorvaldsens Museum, Copenhagen	Engraved Gem
214	Thorvaldsens online	i702	Thorvaldsens Museum, Copenhagen	Engraved Gem
215	Thorvaldsens online	i438	Thorvaldsens Museum, Copenhagen	Engraved Gem
216	Thorvaldsens online	i1097	Thorvaldsens Museum, Copenhagen	Engraved Gem
217	Thorvaldsens online	i1649	Thorvaldsens Museum, Copenhagen	Engraved Gem
218	Thorvaldsens online	i1461	Thorvaldsens Museum, Copenhagen	Engraved Gem
219	Thorvaldsens online	i1331	Thorvaldsens Museum, Copenhagen	Engraved Gem
220	Thorvaldsens online	i572	Thorvaldsens Museum, Copenhagen	Engraved Gem
221	Thorvaldsens online	i1608	Thorvaldsens Museum, Copenhagen	Engraved Gem
222	Thorvaldsens online	i922	Thorvaldsens Museum, Copenhagen	Engraved Gem
223	BM online	EA73862	British Museum	Bead
224	BM online	EA73863	British Museum	Bead
225	MFA online	27.745	Museum of Fine Arts, Boston	Engraved Gem
226	MFA online	98.761	Museum of Fine Arts, Boston	Engraved Gem
227	MFA online	72.856	Museum of Fine Arts, Boston	Bead
228	MFA online	72.857	Museum of Fine Arts, Boston	Engraved Gem
229	RMO online	GS-00235	National Museum of Antiquities, Leiden	Engraved Gem
230	RMO online	GS-00243	National Museum of Antiquities, Leiden	Engraved Gem
231	RMO online	GS-00246	National Museum of Antiquities, Leiden	Engraved Gem
232	Bologna 1987	45 (inv. Gl. 144)	Museo Civico Archeologico di Bologna	Engraved Gem
233	Bologna 1987	59 (inv. Gl. 68)	Museo Civico Archeologico di Bologna	Engraved Gem
234	Guiraud 1988/2008	355	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem
235	Thorvaldsens online	i994	Thorvaldsens Museum, Copenhagen	Engraved Gem
236	Hendler 2016	55	Hendler Collection	Engraved Gem
237	BM online	2506.12	British Museum	Bead
238	BM online	EA73872	British Museum	Bead
239	BM online	2506.06	British Museum	Bead
240	BM online	2506.13	British Museum	Bead
241	BM online	1923,0401.1174	British Museum	Engraved Gem
242	BM online	1867,0507.36	British Museum	Engraved Gem
243	BM online	1892,1103.183	British Museum	Engraved Gem
244	BM online	1892,1103.185	British Museum	Engraved Gem
245	BM online	1892,1103.167	British Museum	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2nd century AD	101	200				Agate
30 BC - 68 AD	-30	68				Agate
30 BC - 68 AD	-30	68				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 2nd century AD	-30	200				Agate
late 1st century BC - 3rd century AD	-30	300				Agate
late 1st century BC - 3rd century AD	-30	300				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
1st century BC	-100	-1				Agate
late 1st century BC	-25	-1				Agate
late 1st century BC	-25	-1				Agate
late 1st century BC	-25	-1				Agate
late 1st century BC - early 1st century AD	-25	25				Agate
late 1st century BC - early 1st century AD	-25	25				Agate
late 1st century BC - early 1st century AD	-25	25	France	Cimiez		Agate
24 - 14 BC	-24	-14				Agate
1st - early 2nd century AD	1	125	Israel	Caesarea		Agate
3rd century BC - 3rd century AD	-300	300				Agate
3rd century BC - 3rd century AD	-300	300				Agate
3rd century BC - 3rd century AD	-300	300	Egypt			Agate
3rd century BC - 3rd century AD	-300	300				Agate
1st - 2nd century AD	1	200				Agate
1st - 3rd century AD	1	300				Agate
1st - 5th century AD	1	500				Agate
1st - 5th century AD	1	500				Agate
1st - 5th century AD	1	500				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
246	AG Vienna	1162	Kunsthistorisches Museum Wien	Engraved Gem
247	Getty Online	83.AN.437.22	J. Paul Getty Museum	Engraved Gem
248	Getty Online	85.AN.370.51	J. Paul Getty Museum	Engraved Gem
249	Hendler 2016	129	Hendler Collection	Engraved Gem
250	Hendler 2016	133	Hendler Collection	Engraved Gem
251	AG Vienna	1854	Kunsthistorisches Museum Wien	Engraved Gem
252	Xanten 1987/1994	91	LVR-Archäologischer Park Xanten	Engraved Gem
253	Met Online	81.6.122	Metropolitan Museum of Art, New York	Engraved Gem
254	Met Online	41.160.975	Metropolitan Museum of Art, New York	Engraved Gem
255	Guiraud 1988/2008	187	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem
256	Bologna 1987	113 (inv. Gl. 27)	Museo Civico Archeologico di Bologna	Engraved Gem
257	MFA online	65.626	Museum of Fine Arts, Boston	Engraved Gem
258	RMO online	GS-00583	National Museum of Antiquities, Leiden	Engraved Gem
259	RMO online	GS-00588	National Museum of Antiquities, Leiden	Engraved Gem
260	RMO online	GS-00610	National Museum of Antiquities, Leiden	Engraved Gem
261	RMO online	GS-00616	National Museum of Antiquities, Leiden	Engraved Gem
262	RMO online	GS-00622	National Museum of Antiquities, Leiden	Engraved Gem
263	RMO online	GS-00663	National Museum of Antiquities, Leiden	Engraved Gem
264	RMO online	GS-00681	National Museum of Antiquities, Leiden	Engraved Gem
265	RMO online	GS-00687	National Museum of Antiquities, Leiden	Engraved Gem
266	RMO online	GS-00690	National Museum of Antiquities, Leiden	Engraved Gem
267	RMO online	GS-00691	National Museum of Antiquities, Leiden	Engraved Gem
268	RMO online	GS-00692	National Museum of Antiquities, Leiden	Engraved Gem
269	RMO online	GS-00704	National Museum of Antiquities, Leiden	Engraved Gem
270	RMO online	GS-00706	National Museum of Antiquities, Leiden	Engraved Gem
271	RMO online	GS-00709	National Museum of Antiquities, Leiden	Engraved Gem
272	RMO online	GS-00798	National Museum of Antiquities, Leiden	Engraved Gem
273	RMO online	GS-00814	National Museum of Antiquities, Leiden	Engraved Gem
274	RMO online	GS-00839	National Museum of Antiquities, Leiden	Engraved Gem
275	RMO online	GS-00864	National Museum of Antiquities, Leiden	Engraved Gem
276	RMO online	GS-00880	National Museum of Antiquities, Leiden	Engraved Gem
277	RMO online	GS-00891	National Museum of Antiquities, Leiden	Engraved Gem
278	RMO online	GS-00922	National Museum of Antiquities, Leiden	Engraved Gem
279	RMO online	GS-00924	National Museum of Antiquities, Leiden	Engraved Gem
280	RMO online	GS-00925	National Museum of Antiquities, Leiden	Engraved Gem
281	RMO online	GS-00926	National Museum of Antiquities, Leiden	Engraved Gem
282	RMO online	GS-00927	National Museum of Antiquities, Leiden	Engraved Gem
283	RMO online	GS-00928	National Museum of Antiquities, Leiden	Engraved Gem
284	RMO online	GS-00929	National Museum of Antiquities, Leiden	Engraved Gem
285	RMO online	GS-00930	National Museum of Antiquities, Leiden	Engraved Gem
286	RMO online	GS-00932	National Museum of Antiquities, Leiden	Engraved Gem
287	RMO online	GS-00934	National Museum of Antiquities, Leiden	Engraved Gem
288	RMO online	GS-00935	National Museum of Antiquities, Leiden	Engraved Gem
289	RMO online	GS-00937	National Museum of Antiquities, Leiden	Engraved Gem
290	RMO online	GS-00939	National Museum of Antiquities, Leiden	Engraved Gem
291	RMO online	GS-00961	National Museum of Antiquities, Leiden	Engraved Gem
292	RMO online	GS-00964	National Museum of Antiquities, Leiden	Engraved Gem
293	RMO online	GS-00967	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
mid 1st century BC	-75	-25				Agate
1st - 2nd century AD	1	200				Agate
1st - 2nd century AD	1	200				Agate
1st - 2nd century AD	1	200	Israel	Caesarea		Agate
1st - 2nd century AD	1	200	Israel	Caesarea		Agate
AD 50 - 100	50	100	Egypt			Agate
1st - 2nd century AD	1	200	Germany	Fürstenberg And Its Environs		Agate
1st century BC - 3rd century AD	-100	300				Agate
1st century BC - 3rd century AD	-100	300				Agate
1st - 2nd century AD	1	200	France	Vienne		Agate
1st - 2nd century AD	1	200				Agate
1st century BC	-100	-1				Agate
1st - 2nd century AD	1	200				Agate
1st - 2nd century AD	1	200				Agate
1st - 2nd century AD	1	200

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
294	AG Munich	2557	Staatliche Antikensammlungen, Munich	Engraved Gem
295	Alexandria 2009	SCA 626	Alexandria National Museum	Ring
296	BM online	1923,0401.228	British Museum	Engraved Gem
297	BM online	1923,0401.334	British Museum	Engraved Gem
298	BM online	1814,0704.1436	British Museum	Engraved Gem
299	BM online	1814,0704.1405	British Museum	Engraved Gem
300	BM online	1923,0401.260	British Museum	Engraved Gem
301	BM online	1923,0401.263	British Museum	Engraved Gem
302	BM online	1859,0301.108	British Museum	Engraved Gem
303	BM online	1756,0103.237	British Museum	Engraved Gem
304	BM online	1923,0401.249	British Museum	Engraved Gem
305	BM online	1814,0704.1472	British Museum	Engraved Gem
306	BM online	1872,0604.1194	British Museum	Engraved Gem
307	BM online	1867,0507.686	British Museum	Engraved Gem
308	BM online	1872,0604.1271	British Museum	Engraved Gem
309	BM online	1923,0401.188	British Museum	Engraved Gem
310	BM online	1872,0604.1316	British Museum	Engraved Gem
311	BM online	1923,0401.264	British Museum	Engraved Gem
312	BM online	1872,0604.1420	British Museum	Engraved Gem
313	BM online	1918,0209.1	British Museum	Engraved Gem
314	BM online	1923,0401.201	British Museum	Engraved Gem
315	BM online	1859,0301.100	British Museum	Engraved Gem
316	BM online	1890,0601.150	British Museum	Engraved Gem
317	BM online	1872,0604.1260	British Museum	Engraved Gem
318	BM online	1859,0301.111	British Museum	Engraved Gem
319	BM online	1923,0401.182	British Museum	Engraved Gem
320	BM online	1872,0604.1383	British Museum	Engraved Gem
321	BM online	1756,0102.58	British Museum	Engraved Gem
322	BM online	1799,0521.55	British Museum	Engraved Gem
323	BM online	1872,0604.14	British Museum	Engraved Gem
324	BM online	1904,0204.54	British Museum	Engraved Gem
325	BM online	1896,1016.1	British Museum	Engraved Gem
326	BM online	1756,0102.21	British Museum	Engraved Gem
327	BM online	EA48498	British Museum	Engraved Gem
328	AG Vienna	2137	Kunsthistorisches Museum Wien	Engraved Gem
329	Hendler 2016	220	Hendler Collection	Blank Gem
330	Hendler 2016	223	Hendler Collection	Blank Gem
331	Guiraud 1988/2008	486	Musée Départemental des Vosges	Engraved Gem
332	Guiraud 1988/2008	403	Musée, Alise-Sainte-Reine	Engraved Gem
333	Fitzwilliam 1994	194a	Fitzwilliam Museum	Engraved Gem
334	Fitzwilliam 1994	195	Fitzwilliam Museum	Engraved Gem
335	Fitzwilliam 1994	523	Fitzwilliam Museum	Engraved Gem
336	AG Munich	2880	Staatliche Antikensammlungen, Munich	Engraved Gem
337	Aquileia 1966	1502 (inv. 28076)	The National Archaeological Museum of Aquileia	Engraved Gem
338	Venice 1999	17 (inv. G 35)	The National Archaeological Museum, Venice	Engraved Gem
339	Marshman 2016	107.23	Museum of London	Engraved Gem
340	Hague 1978	103	Royal Coin Cabinet, The Hague	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 2nd century AD	1	200				Agate
1st - 3rd century AD	1	300	Egypt	Alexandria	Gold	Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 2nd century AD	1	200				Agate
1st - 3rd century AD	1	300	Italy	Capua		Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300	Italy	Rome		Agate
1st - 3rd century AD	1	300				Agate
1st - 2nd century AD	1	200				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 2nd century AD	1	200	Italy	Capua		Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300	Crete			Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 2nd century AD	1	200				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300		Crete		Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300	Egypt			Agate
2nd century AD	101	200				Agate
1st - 3rd century AD	1	300	Israel	Caesarea		Agate
1st - 3rd century AD	1	300	Israel	Caesarea		Agate
1st - 3rd century AD	1	300	France	D'Epinal		Agate
1st - 3rd century AD	1	300	France	Alésia		Agate
50 - 1 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
10 BC - AD 10	-10	10				Sapphire
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300	Italy	Aquileia		Agate
1st - 3rd century AD	1	300				Agate
1st - 4th century AD	1	400	Britain	London, G.P.O. Site, St. Martin-Le-		Agate
2nd - 1st century BC	-200	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
341	Avisseau-Broustet and Vollenweider 2003	91 (inv. Camée. 253)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem
342	Guiraud 1988/2008	657	Centre de recherches archéologiques, Saint Marcel	Engraved Gem
343	Guiraud 1988/2008	94	Dépôt de fouilles, Ehl	Ring
344	Getty Online	82.AN.162.55	J. Paul Getty Museum	Engraved Gem
345	Getty Online	83.AL.257.1	J. Paul Getty Museum	Engraved Gem
346	Getty Online	85.AN.370.46	J. Paul Getty Museum	Engraved Gem
347	Getty Online	84.AN.1.40	J. Paul Getty Museum	Engraved Gem
348	Getty Online	81.AN.39.8	J. Paul Getty Museum	Engraved Gem
349	Getty Online	82.AN.162.89	J. Paul Getty Museum	Engraved Gem
350	Getty Online	84.AN.1.47	J. Paul Getty Museum	Engraved Gem
351	Getty Online	83.AL.257.2	J. Paul Getty Museum	Engraved Gem
352	Hendler 2016	187	Hendler Collection	Engraved Gem
353	Hendler 2016	75	Hendler Collection	Engraved Gem
354	Xanten 1987/1994	106	LVR-Archäologischer Park Xanten	Engraved Gem
355	Xanten 1987/1994	247	LVR-Archäologischer Park Xanten	Engraved Gem
356	Guiraud 1988/2008	125	Musée archaéologique, Nîmes	Ring
357	Vesuvius 1997	113 (inv. 39589)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
358	Pinarius 1975	9 (inv. 158765)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
359	Pinarius 1975	10 (in.v 158767)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
360	Pinarius 1975	12 (inv. 158764)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
361	Pinarius 1975	20 (inv. 158772)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
362	Pinarius 1975	23 (inv. 158771)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
363	Pinarius 1975	24 (inv. 158766)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
364	Pinarius 1975	25 (inv. 158768)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
365	Bologna 1987	90 (inv. Gl. 142)	Museo Civico Archeologico di Bologna	Engraved Gem
366	Bologna 1987	99 (inv. Gl. 80)	Museo Civico Archeologico di Bologna	Engraved Gem
367	Bologna 1987	109 (inv. Ori 150)	Museo Civico Archeologico di Bologna	Engraved Gem
368	Bologna 1987	112 (inv. Gl. 136)	Museo Civico Archeologico di Bologna	Engraved Gem
369	Bologna 1987	115 (inv. Gl. 86)	Museo Civico Archeologico di Bologna	Engraved Gem
370	Bologna 1987	124 (inv. Gl. 43)	Museo Civico Archeologico di Bologna	Engraved Gem
371	Bologna 1987	128 (inv. Or. 134)	Museo Civico Archeologico di Bologna	Engraved Gem
372	MFA online	52.529	Museum of Fine Arts, Boston	Engraved Gem
373	MFA online	64.491	Museum of Fine Arts, Boston	Engraved Gem
374	RMO online	GS-00723	National Museum of Antiquities, Leiden	Engraved Gem
375	RMO online	GS-00725	National Museum of Antiquities, Leiden	Engraved Gem
376	RMO online	GS-00729	National Museum of Antiquities, Leiden	Engraved Gem
377	RMO online	GS-00441	National Museum of Antiquities, Leiden	Engraved Gem
378	RMO online	GS-00475	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100				Agate
1st century AD	1	100	France	Saint-Marcel		Agate
1st century AD	1	100	France	Ehl	Iron	Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100	Israel	Caesarea		Agate
1st century AD	1	100	Israel	Caesarea		Agate
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Agate
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Agate
1st century AD	1	100	France	Nîmes	Gold	Agate
1st century AD	1	100	Italy	Pompeii		Agate
1st century AD	1	100	Italy	Pompeii		Agate
1st century AD	1	100	Italy	Pompeii		Agate
1st century AD	1	100	Italy	Pompeii		Agate
1st century AD	1	100	Italy	Pompeii		Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
379	RMO online	GS-00564	National Museum of Antiquities, Leiden	Engraved Gem
380	RMO online	GS-00565	National Museum of Antiquities, Leiden	Engraved Gem
381	RMO online	GS-00567	National Museum of Antiquities, Leiden	Engraved Gem
382	RMO online	GS-00571	National Museum of Antiquities, Leiden	Engraved Gem
383	RMO online	GS-00576	National Museum of Antiquities, Leiden	Engraved Gem
384	RMO online	GS-00578	National Museum of Antiquities, Leiden	Engraved Gem
385	RMO online	GS-00579	National Museum of Antiquities, Leiden	Engraved Gem
386	RMO online	GS-00581	National Museum of Antiquities, Leiden	Engraved Gem
387	RMO online	GS-00582	National Museum of Antiquities, Leiden	Engraved Gem
388	RMO online	GS-00584	National Museum of Antiquities, Leiden	Engraved Gem
389	RMO online	GS-00585	National Museum of Antiquities, Leiden	Engraved Gem
390	RMO online	GS-00586	National Museum of Antiquities, Leiden	Engraved Gem
391	RMO online	GS-00587	National Museum of Antiquities, Leiden	Engraved Gem
392	RMO online	GS-00589	National Museum of Antiquities, Leiden	Engraved Gem
393	RMO online	GS-00591	National Museum of Antiquities, Leiden	Engraved Gem
394	RMO online	GS-00600	National Museum of Antiquities, Leiden	Engraved Gem
395	RMO online	GS-00601	National Museum of Antiquities, Leiden	Engraved Gem
396	RMO online	GS-00602	National Museum of Antiquities, Leiden	Engraved Gem
397	RMO online	GS-00604	National Museum of Antiquities, Leiden	Engraved Gem
398	RMO online	GS-00606	National Museum of Antiquities, Leiden	Engraved Gem
399	RMO online	GS-00607	National Museum of Antiquities, Leiden	Engraved Gem
400	RMO online	GS-00612	National Museum of Antiquities, Leiden	Engraved Gem
401	RMO online	GS-00619	National Museum of Antiquities, Leiden	Engraved Gem
402	RMO online	GS-00620	National Museum of Antiquities, Leiden	Engraved Gem
403	RMO online	GS-00658	National Museum of Antiquities, Leiden	Engraved Gem
404	Fitzwilliam 1994	280	Fitzwilliam Museum	Engraved Gem
405	AG Munich	2288	Staatliche Antikensammlungen, Munich	Engraved Gem
406	AG Munich	2632	Staatliche Antikensammlungen, Munich	Engraved Gem
407	AG Munich	2413	Staatliche Antikensammlungen, Munich	Engraved Gem
408	AG Munich	2425	Staatliche Antikensammlungen, Munich	Engraved Gem
409	AGD Kassel	81	Staatlichen Kunstsammulngen Kassel	Engraved Gem
410	Aquileia 1966	724 (inv. 25483)	The National Archaeological Museum of Aquileia	Engraved Gem
411	Venice 1999	13 (inv. G 39)	The National Archaeological Museum, Venice	Engraved Gem
412	MFA online	18.509	Museum of Fine Arts, Boston	Engraved Gem
413	Getty Online	85.AN.370.39	J. Paul Getty Museum	Engraved Gem
414	Aquileia 1966	128 (inv. 26096)	The National Archaeological Museum of Aquileia	Engraved Gem
415	Aquileia 1966	962 (inv. 26190)	The National Archaeological Museum of Aquileia	Engraved Gem
416	Aquileia 1966	142 (inv. 48442)	The National Archaeological Museum of Aquileia	Engraved Gem
417	RMO online	GS-00560	National Museum of Antiquities, Leiden	Engraved Gem
418	RMO online	GS-00659	National Museum of Antiquities, Leiden	Engraved Gem
419	Aquileia 1996	138 (inv. 935/268)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
420	Aquileia 1966	1425 (inv. 26188)	The National Archaeological Museum of Aquileia	Engraved Gem
421	Aquileia 1966	1441 (inv. 26188)	The National Archaeological Museum of Aquileia	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
AD 75 - 100	75	100				Onyx (Nicolo)
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100	Italy	Aquileia		Agate
1st century AD	1	100				Agate
1st century BC - 1st century AD	-100	100				Agate
1st - 4th century AD	1	400				Jasper (green)
early - mid 1st century AD	1	50	Italy	Aquileia		Agate
early - mid 1st century AD	1	50	Italy	Aquileia		Agate
early 1st century AD	1	25	Italy	Aquileia		Agate
early - mid 1st century AD	1	50				Agate
early - mid 1st century AD	1	50				Agate
mid 1st century AD	25	75				Agate
mid - late 1st century AD	50	100	Italy	Aquileia		Agate
mid - late 1st century AD	50	100	Italy	Aquileia		Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
422	Avisseau-Broustet and Vollenweider 2003	119 (inv. Camée. 286)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem
423	BM online	1867,0507.36	British Museum	Engraved Gem
424	Benaki 1999	Benaki Museum: ΓΕ 1640	Benaki Museum	Engraved Gem
425	Guiraud 1988/2008	68	Dépôt de fouilles de Mâlain	Ring
426	Marshman 2016	125.01	Grosvenor Museum, Chester	Engraved Gem
427	Marshman 2016	113.00	Museum of London	Engraved Gem
428	Marshman 2016	122.05	Rutland County Museum	Engraved Gem
429	Marshman 2016	125.09	Verulamium Museum	Engraved Gem
430	Marshman 2016	107.24	Vindolanda Site Museum	Ring
431	Hendler 2016	119	Hendler Collection	Engraved Gem
432	Bologna 1987	91 (inv. Gl. 211)	Museo Civico Archeologico di Bologna	Engraved Gem
433	Marshman 2016	120.15	National Roman Legion Museum, Caerleon	Engraved Gem
434	Marshman 2016	85.00	Roman Baths Museum, Bath	Engraved Gem
435	Marshman 2016	14.15	Roman Baths Museum, Bath	Engraved Gem
436	Aquileia 1966	1449 (inv. 24850)	The National Archaeological Museum of Aquileia	Engraved Gem
437	MFA online	69.12	Museum of Fine Arts, Boston	Engraved Gem
438	Bologna 1987	171 (inv. Gl. 48)	Museo Civico Archeologico di Bologna	Engraved Gem
439	Hendler 2016	60	Hendler Collection	Engraved Gem
440	Bologna 1987	132 (inv. Gl. 208)	Museo Civico Archeologico di Bologna	Engraved Gem
441	Getty Online	89.AN.55	J. Paul Getty Museum	Engraved Gem
442	RMO online	GS-00923	National Museum of Antiquities, Leiden	Engraved Gem
443	RMO online	GS-00931	National Museum of Antiquities, Leiden	Engraved Gem
444	RMO online	GS-00933	National Museum of Antiquities, Leiden	Engraved Gem
445	RMO online	GS-00943	National Museum of Antiquities, Leiden	Engraved Gem
446	RMO online	GS-00944	National Museum of Antiquities, Leiden	Engraved Gem
447	RMO online	GS-00948	National Museum of Antiquities, Leiden	Ring
448	RMO online	GS-00949	National Museum of Antiquities, Leiden	Engraved Gem
449	RMO online	GS-00966	National Museum of Antiquities, Leiden	Engraved Gem
450	RMO online	GS-00980	National Museum of Antiquities, Leiden	Engraved Gem
451	RMO online	GS-01001	National Museum of Antiquities, Leiden	Engraved Gem
452	RMO online	GS-01010	National Museum of Antiquities, Leiden	Engraved Gem
453	RMO online	GS-01014	National Museum of Antiquities, Leiden	Engraved Gem
454	RMO online	GS-01016	National Museum of Antiquities, Leiden	Engraved Gem
455	RMO online	GS-01032	National Museum of Antiquities, Leiden	Engraved Gem
456	RMO online	GS-01059	National Museum of Antiquities, Leiden	Engraved Gem
457	AG Munich	2784	Staatliche Antikensammlungen, Munich	Engraved Gem
458	AG Munich	2845	Staatliche Antikensammlungen, Munich	Engraved Gem
459	BM online	1772,0315.347	British Museum	Engraved Gem
460	BM online	1872,0604.14	British Museum	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
AD 56	56	56				Agate
1st - 3rd century AD	1	300				Agate
late 1st century AD	75	100	Britain	Caerleon		Agate
late 1st - 2nd century AD	75	200	France	Mâlain	Gold	Agate
late 1st - early 2nd century AD	75	125	Britain	Chester, Fortress Baths		Agate
late 1st - early 2nd century AD	75	125	Britain	London, 23-29 Eastcheap		Agate
late 1st - early 2nd century AD	75	125	Britain	Thistleton		Agate
late 1st - early 2nd century AD	75	125	Britain	St. Albans, King Harry Lane		Agate
late 1st - early 2nd century AD	75	125	Britain	Chesterholm (Vindolanda)	Silver	Agate
late 1st century - 2nd century AD	75	200	Israel	Caesarea		Agate
late 1st century AD	75	100				Agate
late 1st century AD	75	100	Britain	Caerleon		Agate
late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Agate
late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Agate
late 1st century AD	75	100	Italy	Aquileia		Agate
1st century BC - 1st century AD	-100	100				Agate
late 1st - early 2nd century AD	75	125				Agate
late 1st - 3rd century AD	75	300	Israel	Caesarea		Agate
2nd - 3rd century AD	101	300				Agate
1st century BC	-100	-1	Italy			Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300			Bronze	Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
2nd - 3rd century AD	101	300				Agate
1st - 3rd century AD	1	300	India			Agate
1st - 3rd century AD	1	300				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
461	RMO online	GS-01083	National Museum of Antiquities, Leiden	Engraved Gem
462	RMO online	GS-01084	National Museum of Antiquities, Leiden	Engraved Gem
463	Getty Online	75.AM.61	J. Paul Getty Museum	Ring
464	BM online	1814,0704.1336	British Museum	Engraved Gem
465	BM online	1867,0507.562	British Museum	Engraved Gem
466	Marshman 2016	39.03	Oxfordshire County Museum	Engraved Gem
467	Getty Online	85.AN.370.72	J. Paul Getty Museum	Engraved Gem
468	AG Vienna	161	Kunsthistorisches Museum Wien	Engraved Gem
469	Met Online	41.160.484	Metropolitan Museum of Art, New York	Earring
470	Met Online	41.160.969	Metropolitan Museum of Art, New York	Engraved Gem
471	Met Online	41.160.953	Metropolitan Museum of Art, New York	Engraved Gem
472	Bologna 1987	133 (inv. Gl. 47)	Museo Civico Archeologico di Bologna	Engraved Gem
473	Bologna 1987	179 (inv. Gl. 232)	Museo Civico Archeologico di Bologna	Engraved Gem
474	Bologna 1987	193 (inv. Ori 142)	Museo Civico Archeologico di Bologna	Engraved Gem
475	Bologna 1987	251 (inv. Ori 151)	Museo Civico Archeologico di Bologna	Engraved Gem
476	Bologna 1987	150 (inv. Gl. 286)	Museo Civico Archeologico di Bologna	Engraved Gem
477	MFA online	23.600	Museum of Fine Arts, Boston	Engraved Gem
478	RMO online	GS-00865	National Museum of Antiquities, Leiden	Engraved Gem
479	RMO online	GS-00884	National Museum of Antiquities, Leiden	Engraved Gem
480	RMO online	GS-00887	National Museum of Antiquities, Leiden	Engraved Gem
481	RMO online	GS-00940	National Museum of Antiquities, Leiden	Ring
482	RMO online	GS-00942	National Museum of Antiquities, Leiden	Engraved Gem
483	Fitzwilliam 1994	318	Fitzwilliam Museum	Engraved Gem
484	Venice 1999	3 (inv. G 148)	The National Archaeological Museum, Venice	Engraved Gem
485	Venice 1999	5 (inv. G 42)	The National Archaeological Museum, Venice	Engraved Gem
486	Venice 1999	18 (inv. G 51)	The National Archaeological Museum, Venice	Engraved Gem
487	Venice 1999	56 (inv. G 592)	The National Archaeological Museum, Venice	Engraved Gem
488	Thorvaldsens online	i2106	Thorvaldsens Museum, Copenhagen	Engraved Gem
489	Thorvaldsens online	i1065	Thorvaldsens Museum, Copenhagen	Engraved Gem
490	Guiraud 1988/2008	761	Musée, Nissan-lez-Ensérune	Engraved Gem
491	Guiraud 1988/2008	477	Palais des Archevêques de Narbonne	Engraved Gem
492	Fitzwilliam 1994	322	Fitzwilliam Museum	Engraved Gem
493	MFA online	1.76	Museum of Fine Arts, Boston	Engraved Gem
494	Hendler 2016	131	Hendler Collection	ring
495	Hendler 2016	107	Hendler Collection	Engraved Gem
496	Aquileia 1996	15 (inv. 437/495)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
497	RMO online	GS-00701	National Museum of Antiquities, Leiden	Engraved Gem
498	RMO online	GS-00702	National Museum of Antiquities, Leiden	Engraved Gem
499	RMO online	GS-00703	National Museum of Antiquities, Leiden	Engraved Gem
500	RMO online	GS-00705	National Museum of Antiquities, Leiden	Engraved Gem
501	RMO online	GS-00710	National Museum of Antiquities, Leiden	Engraved Gem
502	RMO online	GS-00712	National Museum of Antiquities, Leiden	Engraved Gem
503	RMO online	GS-00716	National Museum of Antiquities, Leiden	Engraved Gem
504	RMO online	GS-00719	National Museum of Antiquities, Leiden	Engraved Gem
505	RMO online	GS-00722	National Museum of Antiquities, Leiden	Engraved Gem
506	Hendler 2016	92	Hendler Collection	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2nd - 7th century AD	101	700				Agate
2nd - 7th century AD	101	700				Agate
50 - 25 BC	-50	-25			Gold	Chalcedony
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate
late 1st - 2nd century AD	75	200	Britain	Alchester		Agate
2nd century AD	101	200				Agate
mid 1st century BC	-75	-25	Egypt			Onyx (Nicolo)
1st century BC - 3rd century AD	-100	300				Agate
1st century BC - 3rd century AD	-100	300				Agate
1st century BC - 3rd century AD	-100	300				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
1st century AD	1	100				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200			Silver	Agate
2nd century AD	101	200				Agate
1st century AD	1	100				Chalcedony
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
2nd century BC	101	200	France	Ensérune		Agate
2nd century AD	101	200	France	Montlaurès		Agate
3rd century AD	201	300				Chrysoprase
1st century AD	1	100				Agate
late 1st - 2nd century AD	75	200	Israel	Caesarea	Iron	Agate
late 1st - 2nd century AD	75	200	Israel	Caesarea		Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - 2nd century AD	75	200				Agate
late 1st - early 3rd century AD	75	300	Israel	Caesarea		Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
507	BM online	1978,1002.761	British Museum	Ring
508	Venice 1999	14 (inv. G 46)	The National Archaeological Museum, Venice	Engraved Gem
509	Guiraud 1988/2008	511	Musée Départemental des Vosges	Engraved Gem
510	Marshman 2016	85.14	Painted House Museum, Dover	Engraved Gem
511	Marshman 2016	16.85	Chester Archaelogical Society	Engraved Gem
512	Aquileia 1966	610 (inv. 24958)	The National Archaeological Museum of Aquileia	Engraved Gem
513	Marshman 2016	46.01	Vindolanda Site Museum	Engraved Gem
514	CHRE	7163	Private Collection	Ring
515	Getty Online	82.AN.162.28	J. Paul Getty Museum	Engraved Gem
516	Naples 1994	211 (inv. 26010/176)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
517	Guiraud 1988/2008	501	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem
518	Thorvaldsens online	i453	Thorvaldsens Museum, Copenhagen	Engraved Gem
519	Thorvaldsens online	i127	Thorvaldsens Museum, Copenhagen	Engraved Gem
520	Thorvaldsens online	i512	Thorvaldsens Museum, Copenhagen	Engraved Gem
521	Thorvaldsens online	i1659	Thorvaldsens Museum, Copenhagen	Engraved Gem
522	Xanten 1987/1994	29	LVR-Archäologischer Park Xanten	Engraved Gem
523	BM online	2005,0815.60	British Museum	Engraved Gem
524	Bologna 1987	187 (inv. Gl. 200)	Museo Civico Archeologico di Bologna	Engraved Gem
525	Bologna 1987	200 (inv. Gl. 235)	Museo Civico Archeologico di Bologna	Engraved Gem
526	Venice 1999	10 (inv. G 58)	The National Archaeological Museum, Venice	Engraved Gem
527	Venice 1999	19 (inv. G 61)	The National Archaeological Museum, Venice	Engraved Gem
528	Venice 1999	26 (inv. G 600)	The National Archaeological Museum, Venice	Engraved Gem
529	Venice 1999	63 (inv. G 283)	The National Archaeological Museum, Venice	Engraved Gem
530	Venice 1999	66 (inv. G 432)	The National Archaeological Museum, Venice	Engraved Gem
531	Hermitage Online	24131	Hermitage Museum	Ring
532	Hermitage Online	1906-154	Hermitage Museum	Engraved Gem
533	Met Online	1994.230.4	Metropolitan Museum of Art, New York	Earring
534	Fitzwilliam 1994	332	Fitzwilliam Museum	Engraved Gem
535	AGD Berlin	477	Staatliche Museen zu Berlin	Engraved Gem
536	Berlin 1975	Tafel 61. 5-6	Staatliche Museen zu Berlin	Ring
537	Wright 2001	31	Wright Collection	Engraved Gem
538	BM online	1872,0604.1345	British Museum	Engraved Gem
539	BM online	1892,1103.139	British Museum	Engraved Gem
540	BM online	1872,0604.298	British Museum	Ring
541	BM online	1923,0401.967	British Museum	Engraved Gem
542	BM online	1892,1103.181	British Museum	Engraved Gem
543	BM online	1917,0501.56	British Museum	Ring
544	BM online	1872,0604.14	British Museum	Engraved Gem
545	BM online	1904,0204.54	British Museum	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 2nd century AD	1	200			Gold	Agate
AD 138 - 180	138	180				Agate
mid - late 2nd century AD	150	200	France	D'Epinal		Agate
Mid 2nd - early 3rd century AD	150	225	Britain	Dover, Classis Britannica Fort Baths		Agate
late 2nd - early 3rd century AD	175	225	Britain	Chester		Agate
late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Agate
late 2nd - early 3rd century AD	175	225	Britain	Chesterholm (Vindolanda)		Agate
AD 198 - 268	198	268	France	Saint-Boil	Silver	Agate
2nd - 1st century BC	-200	-1	Italy			Agate
early 3rd century AD	201	225				Agate
3rd - 4th century AD	201	400	France	Vienne		Agate
3rd - 4th century AD	201	400				Agate
3rd - 4th century AD	201	400				Agate
3rd - 4th century AD	201	400				Agate
3rd - 4th century AD	201	400				Agate
late 2nd - 3rd century AD	175	300	Germany	Fürstenberg And Its Environs		Agate
2nd century AD	101	200				Agate
3rd century AD	201	300				Agate
3rd century AD	201	300				Agate
3rd century AD	201	300				Agate
3rd century AD	201	300				Agate
3rd century AD	201	300				Agate
3rd century AD	201	300	Croatia	Dalmatia		Agate
3rd century AD	201	300	Croatia	Dalmatia		Agate
2nd - 3rd century AD	101	300	Italy	Rome	Gold	Amethyst
1st century AD	1	100	Italy	Rome		Amethyst
1st century BC	-100	-1			Gold	Agate
1st century AD	1	100				Onyx (Nicolo)
1st century BC	-100	-1				Agate
3rd century AD	201	300			Gold	Onyx (Nicolo)
3rd century AD	201	300	Turkey	Cerasus		Agate
2nd century AD	101	200				Agate
2nd century AD	101	200				Agate
3rd century AD	201	300			Silver	Agate
3rd century AD	201	300				Agate
2nd - 3rd century AD	101	300				Agate
3rd century AD	201	300			Gold	Agate
1st - 3rd century AD	1	300				Agate
1st - 3rd century AD	1	300				Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
546	BM online	1896,1016.10	British Museum	Engraved Gem
547	BM online	1872,0604.1315	British Museum	Engraved Gem
548	BM online	1756,0102.21	British Museum	Engraved Gem
549	CHRE	8069	Private Collection	Ring
550	CHRE	4717	Private Collection	Engraved Gem
551	Carnuntum 2005	21	Kunsthistorisches Museum Wien	Engraved Gem
552	Carnuntum 2005	1020	Museum Carnuntinum	Engraved Gem
553	Carnuntum 2005	379	Museum Carnuntinum	Engraved Gem
554	Carnuntum 2005	1071	Museum Carnuntinum	Ring
555	Carnuntum 2005	415	Museum Carnuntinum	Engraved Gem
556	Carnuntum 2005	296	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem
557	Carnuntum 2005	942	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem
558	Carnuntum 2005	31	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem
559	Carnuntum 2005	1197	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem
560	Fitzwilliam 1994	306	Fitzwilliam Museum	Engraved Gem
561	Fitzwilliam 1994	308	Fitzwilliam Museum	Engraved Gem
562	Fitzwilliam 1994	337	Fitzwilliam Museum	Engraved Gem
563	Fitzwilliam 1994	326	Fitzwilliam Museum	Engraved Gem
564	Fitzwilliam 1994	328	Fitzwilliam Museum	Engraved Gem
565	Fitzwilliam 1994	333	Fitzwilliam Museum	Engraved Gem
566	Carnuntum 2005	263	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Ring
567	Carnuntum 2005	785	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem
568	Guiraud 1988/2008	162	Musée Archéologique, Fréjus	Engraved Gem
569	Getty Online	82.AN.162.21	J. Paul Getty Museum	Engraved Gem
570	Getty Online	82.AN.162.27	J. Paul Getty Museum	Engraved Gem
571	Getty Online	81.AN.106.8	J. Paul Getty Museum	Engraved Gem
572	Guiraud 1988/2008	206	Musée du Breuil	Engraved Gem
573	Getty Online	83.AN.256.5	J. Paul Getty Museum	Engraved Gem
574	Getty Online	83.AN.437.29	J. Paul Getty Museum	Engraved Gem
575	Getty Online	82.AN.162.51	J. Paul Getty Museum	Engraved Gem
576	Getty Online	85.AN.370.60	J. Paul Getty Museum	Engraved Gem
577	Getty Online	79.AN.8.6	J. Paul Getty Museum	Engraved Gem
578	Getty Online	82.AN.162.52	J. Paul Getty Museum	Engraved Gem
579	Getty Online	82.AN.162.53	J. Paul Getty Museum	Engraved Gem
580	Getty Online	83.AN.437.26	J. Paul Getty Museum	Engraved Gem
581	Getty Online	85.AN.370.58	J. Paul Getty Museum	Engraved Gem
582	Getty Online	84.AN.1.45	J. Paul Getty Museum	Engraved Gem
583	Getty Online	82.AN.162.20	J. Paul Getty Museum	Engraved Gem
584	Getty Online	82.AN.162.82	J. Paul Getty Museum	Engraved Gem
585	BM online	1772,0315.35	British Museum	Engraved Gem
586	CHRE	4717	Private Collection	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 3rd century AD	1	300		Crete		Agate
1st - 2nd century AD	1	200			Silver	Agate
1st - 3rd century AD	1	300			Gold	Agate
AD 218 - 244	218	244	Croatia	Osijek 2	Gold	Agate
late 3rd - 4th century AD	275	400	Tunisia	Carthage I Hill Of St Louis		Agate
2nd - 3rd century AD	101	300	Austria	Carnuntum		Agate
1st - 2nd century AD	1	200	Austria	Carnuntum		Agate
2nd century AD	101	200	Austria	Carnuntum		Agate
2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Agate
3rd century AD	201	300	Austria	Carnuntum		Agate
3rd century AD	201	300	Austria	Carnuntum		Agate
3rd century AD	201	300	Austria	Carnuntum		Agate
1st - 2nd century AD	1	200	Austria	Carnuntum		Agate
2nd century AD	101	200	Austria	Carnuntum		Agate
1st - 2nd century AD	1	200				Onyx (Nicolo)
1st century AD	1	100				Chrysoprase
1st century AD	1	100				Chrysoprase
1st century AD	1	100				Sardonyx
1st century AD	1	100				Onyx (Nicolo)
2nd century AD	101	200				Jasper (red)
2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Agate
2nd - 3rd century AD	101	300	Austria	Carnuntum		Agate
1st century BC	-100	-1	France	Fréjus		Agate
2nd - 1st century BC	-100	-1	Italy			Agate
early 1st century BC	-100	-75	Italy			Agate
1st - 2nd century AD	1	200				Agate
1st - 2nd century AD	1	200	France	Colmier-Le-Bas		Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Agate
1st century AD	1	100				Amethyst
1st - 2nd century AD	1	100				Agate
1st century BC	-100	-1				Agate
2nd century AD	101	200	Italy			Agate
1st - 3rd century AD	1	300	Egypt	Alexandria		Agate
late 3rd - 4th century AD	275	400	Tunisia	Carthage I Hill Of St Louis		Agate

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
587	Penn Online	29-128-711	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
588	MFA online	69.1205	Museum of Fine Arts, Boston	Engraved Gem
589	BM online	1872,0604.1363	British Museum	Engraved Gem
590	BM online	2506.03	British Museum	Bead
591	BM online	1905,1026.1	British Museum	Necklace
592	BM online	1917,0601.2432	British Museum	Earring
593	MFA online	1973.274	Museum of Fine Arts, Boston	Engraved Gem
594	MFA online	69.1207	Museum of Fine Arts, Boston	Engraved Gem
595	AG Vienna	182	Kunsthistorisches Museum Wien	Engraved Gem
596	Hague 1978	239	Royal Coin Cabinet, The Hague	Engraved Gem
597	Ashmolean Online	AN1941.571	Ashmolean Museum	Engraved Gem
598	AG Vienna	419	Kunsthistorisches Museum Wien	Engraved Gem
599	Hague 1978	248	Royal Coin Cabinet, The Hague	Engraved Gem
600	Hague 1978	264	Royal Coin Cabinet, The Hague	Engraved Gem
601	Berlin 2007	486	Staatliche Museen zu Berlin	Engraved Gem
602	Hague 1978	285	Royal Coin Cabinet, The Hague	Engraved Gem
603	Berlin 2007	501	Staatliche Museen zu Berlin	Engraved Gem
604	Berlin 2007	503	Staatliche Museen zu Berlin	Engraved Gem
605	AG Munich	872	Staatliche Antikensammlungen, Munich	Engraved Gem
606	AG Munich	877	Staatliche Antikensammlungen, Munich	Engraved Gem
607	AG Vienna	411	Kunsthistorisches Museum Wien	Engraved Gem
608	Ashmolean Online	AN1941.465	Ashmolean Museum	Engraved Gem
609	Ashmolean Online	AN1941.386	Ashmolean Museum	Engraved Gem
610	Ashmolean Online	AN1941.570	Ashmolean Museum	Engraved Gem
611	Ashmolean Online	AN1941.465.a	Ashmolean Museum	Engraved Gem
612	Hague 1978	314	Royal Coin Cabinet, The Hague	Engraved Gem
613	Marshman 2016	43.00	Craven Museum	Engraved Gem
614	Israel online	76.42.2425	The Israel Museum, Jerusalem	Engraved Gem
615	Getty Online	82.AN.162.26	J. Paul Getty Museum	Engraved Gem
616	Hague 1978	398	Royal Coin Cabinet, The Hague	Engraved Gem
617	Getty Online	84.AN.856	J. Paul Getty Museum	Engraved Gem
618	Penn Online	29-128-873	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
619	Guiraud 1988/2008	495	Musée gallo-romain de Lyon-Fourvière	Engraved Gem
620	AGD Hannover	208	Museum August Kestner-Hannover	Engraved Gem
621	RMO online	GS-00285	National Museum of Antiquities, Leiden	Engraved Gem
622	AG Munich	625	Staatliche Antikensammlungen, Munich	Engraved Gem
623	Penn Online	29-224-685	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
624	Penn Online	29-224-514	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
625	Penn Online	29-128-141	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
626	Guiraud 1988/2008	361	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem
627	Guiraud 1988/2008	805	Musée du Château, Montbéliard	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 4th century AD	-100	400	Russia	Maikop, Kuban		Lapis Lazuli
2nd century AD	101	200				Agate
1st - 3rd century AD	1	300				Agate
3rd century BC - 3rd century AD	-300	300		Naukratis	Egypt	Garnet
150 - 50 BC	-150	-50				Garnet
1st - 2nd century AD	1	200			Gold	Agate, Emerald
3rd century	201	300				Agate
1st - 2nd century AD	1	200				Agate
1st century BC	-100	-1	France	Naix-Aux-Forges		Onyx (Nicolo)
25 - 1 BC	-25	-1				Amethyst
AD 40 - 50	40	50				Amethyst
1st century AD	1	100	Greece	Corfu		Amethyst
25 - 1 BC	-25	-1	Cyprus			Amethyst
25 - 1 BC	-25	-1	Egypt			Amethyst
late 1st century BC - early 1st century AD	-10	25				Amethyst
1st century BC	-100	-1	Sudan	Nubia		Amethyst
third quarter of the 1st century BC	-50	-25				Amethyst
late 1st century BC - mid 1st century AD	-10	50				Amethyst
2nd - 1st century BC	-200	-1				Amethyst
2nd - 1st century BC	-200	-1				Amethyst
AD 1 - 25	1	25				Amethyst
1st century BC	-100	-1				Amethyst
1st century BC	-100	-1				Amethyst
1st century BC	-100	-1				Amethyst
1st century BC	-100	-1				Amethyst
50 -1 BC	-50	-1				Amethyst
1st century BC	-100	-1	Britain	Helifield		Amethyst
1st century BC	-100	-1				Amethyst
early 1st century BC	-100	-75	Italy			Agate
50 BC - AD 10	-50	10	Italy	Rome		Amethyst
AD 260 - 280	260	280	Italy	Rome		Amethyst
1st century BC - 4th century AD	-100	400	Italy	Rome		Amethyst
1st century BC	-100	-1	France	Lyon		Amethyst
1st century BC	-100	-1				Amethyst
1st century BC	-100	-1				Amethyst
1st century BC	-100	-1				Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century BC - 1st century AD	-100	100	France	Meursault		Amethyst
1st century BC - 1st century AD	-100	100	France	Lyon		Amethyst

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
628	Naples 1994	76 (inv. 26091/253)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
629	Naples 1994	105 (inv. 26222/383)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
630	Naples 1994	130 (inv. 26050/212)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
631	Naples 1994	135 (inv. 27260/1398)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
632	Naples 1994	153 (inv. 26647/808)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
633	Naples 1994	155 (inv. 27270/1408)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
634	Naples 1994	179 (inv. 26398/559)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
635	Naples 1994	196 (inv. 26083/245)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
636	Naples 1994	207 (inv. 26088/250)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
637	Naples 1994	222 (inv. 26043/205)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
638	Naples 1994	230 (inv. 26365/526)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
639	Naples 1994	233 (inv. 25947/114)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
640	Naples 1994	250 (inv. 26612/773)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
641	Naples 1994	274 (inv. 27028/1183)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
642	Naples 1994	284 (inv. 27161/1300)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
643	Naples 1994	287 (inv. 27207/1345)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
644	Naples 1994	288 (inv. 27264/1402)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
645	Naples 1994	289 (inv. 27181/1320)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
646	Hague 1978	467	Royal Coin Cabinet, The Hague	Engraved Gem
647	Hague 1978	483	Royal Coin Cabinet, The Hague	Engraved Gem
648	de Clercq 1891-1912	2915	Musée du Louvre	Engraved Gem
649	de Clercq 1891-1912	3104	Musée du Louvre	Ring
650	de Clercq 1891-1912	3101	Musée du Louvre	Engraved Gem
651	de Clercq 1891-1912	3190	Musée du Louvre	Ring
652	de Clercq 1891-1912	3224	Musée du Louvre	Ring
653	de Clercq 1891-1912	3203	Musée du Louvre	Engraved Gem
654	de Clercq 1891-1912	3213	Musée du Louvre	Ring
655	de Clercq 1891-1912	3230	Musée du Louvre	Ring
656	de Clercq 1891-1912	3308	Musée du Louvre	Ring
657	de Clercq 1891-1912	3340	Musée du Louvre	Engraved Gem
658	Berlin Online	681140	Staatliche Museen zu Berlin	Engraved Gem
659	Naples 1983	27 (inv. 158863)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
660	Naples 1983	60 (inv. 27653)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
661	Naples 1983	99 (inv. 110823)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century AD	-100	-1				Amethyst
1st century AD	-100	-1				Amethyst
1st century BC - 4th century AD	-100	400	Syria	Tartus		Amethyst
1st century BC - 4th century AD	-100	400	Syria	Tartus		Amethyst
1st century BC - 4th century AD	-100	400	Syria	Tartus		Amethyst
1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Amethyst
1st century BC - 4th century AD	-100	400	Syria	Tartus		Amethyst
1st century BC - 4th century AD	-100	400				Amethyst
1st century BC - 4th century AD	-100	400				Amethyst
1st century BC - 4th century AD	-100	400	Syria	Tartus		Amethyst
1st century BC - 4th century AD	-100	400	Syria	Tartus		Amethyst
1st century BC - 4th century AD	-100	400				Amethyst
AD 320-330	320	330				Amethyst
1st century BC - AD 79	-100	79	Italy	Herculaneum		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
662	Naples 1983	168 (inv. 158770)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
663	Naples 1983	179 (inv. 119001)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
664	Naples 1983	182 (inv. 115475)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
665	Naples 1983	195 (inv. 158779)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
666	Naples 1983	202 (inv. 158819)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
667	Naples 1983	217 (inv. 158778)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
668	Naples 1983	245 (inv. 115474)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
669	Naples 1983	275 (inv. 110824)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
670	Naples 1983	282 (inv. 161587)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
671	Naples 1983	309 (inv. 129511)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
672	Naples 1983	325 (inv. 158762)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
673	Naples 1983	331 (inv. 129512)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
674	Naples 1983	339 (inv. 129510)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
675	Naples 1983	340 (inv. 155886)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
676	Naples 1983	25 (inv. 27656)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
677	Naples 1983	324 (inv. 27629)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
678	Hague 1978	181	Royal Coin Cabinet, The Hague	Engraved Gem
679	Naples 1994	72 (inv. 26070/232)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
680	Hendler 2016	161	Hendler Collection	Engraved Gem
681	Ashmolean Online	ANFortnum.FR.174	Ashmolean Museum	Ring
682	Berlin 2007	379	Staatliche Museen zu Berlin	Engraved Gem
683	AGD Hannover	536	Museum August Kestner-Hannover	Engraved Gem
684	Guiraud 1988/2008	747	Musée, Alise-Sainte-Reine	Engraved Gem
685	Aquileia 1996	191 (inv. 1152/409)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
686	RMO online	GS-00314	National Museum of Antiquities, Leiden	Engraved Gem
687	RMO online	GS-01167	National Museum of Antiquities, Leiden	Engraved Gem
688	Met Online	1994.230.5	Metropolitan Museum of Art, New York	Necklace
689	RMO online	GS-00398	National Museum of Antiquities, Leiden	Engraved Gem
690	Aquileia 1966	370 (inv. 26095)	The National Archaeological Museum of Aquileia	Engraved Gem
691	Berlin 2007	398	Staatliche Museen zu Berlin	Engraved Gem
692	AGD Berlin	356	Staatliche Museen zu Berlin	Engraved Gem
693	AGD Berlin	446	Staatliche Museen zu Berlin	Engraved Gem
694	Getty Online	84.AN.1.38	J. Paul Getty Museum	Engraved Gem
695	Thorvaldsens online	i1385	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Herculaneum		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC - AD 79	-100	79	Italy	Pompeii		Amethyst
1st century BC	-100	-1				Carnelian
early 1st century BC	-100	-75				Amethyst
1st century BC - 1st century AD	-100	100	Israel	Caesarea		Amethyst
1st century BC	-100	-1			Gold	Amethyst
40 - 30 BC	-40	-30				Amethyst
mid - late 1st century BC	-50	-1				Amethyst
mid - late 1st century BC	-50	-1	France	Alésia		Amethyst
mid 1st century BC - 1st century AD	-50	100				Amethyst
mid - late 1st century BC	-50	-1				Amethyst
mid - late 1st century BC	-50	-1				Amethyst
1st century BC	-100	-1			Gold	Agate
mid 1st century BC - early 1st century AD	-50	25				Amethyst
43 BC - AD 18	-43	18	Italy	Aquileia		Amethyst
late 1st century BC	-33	-1				Amethyst
70-90 BC	-90	-70				Amethyst
late 1st century BC	-33	-1				Amethyst
25 - 1 BC	-25	-1				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
696	Thorvaldsens online	i447	Thorvaldsens Museum, Copenhagen	Engraved Gem
697	Thorvaldsens online	i1344	Thorvaldsens Museum, Copenhagen	Engraved Gem
698	Thorvaldsens online	i722	Thorvaldsens Museum, Copenhagen	Engraved Gem
699	Thorvaldsens online	i384	Thorvaldsens Museum, Copenhagen	Engraved Gem
700	Thorvaldsens online	i1463	Thorvaldsens Museum, Copenhagen	Engraved Gem
701	Thorvaldsens online	i571	Thorvaldsens Museum, Copenhagen	Engraved Gem
702	Thorvaldsens online	i293	Thorvaldsens Museum, Copenhagen	Engraved Gem
703	Thorvaldsens online	i296	Thorvaldsens Museum, Copenhagen	Engraved Gem
704	Thorvaldsens online	i297	Thorvaldsens Museum, Copenhagen	Engraved Gem
705	RMO online	GS-00239	National Museum of Antiquities, Leiden	Engraved Gem
706	RMO online	GS-00248	National Museum of Antiquities, Leiden	Engraved Gem
707	RMO online	GS-00264	National Museum of Antiquities, Leiden	Engraved Gem
708	Berlin 2007	488	Staatliche Museen zu Berlin	Engraved Gem
709	Getty Online	82.AN.162.54	J. Paul Getty Museum	Engraved Gem
710	Hague 1978	202	Royal Coin Cabinet, The Hague	Engraved Gem
711	Bologna 1987	60 (inv. Gl. 7)	Museo Civico Archeologico di Bologna	Engraved Gem
712	Berlin 2007	348	Staatliche Museen zu Berlin	Engraved Gem
713	Walters Online	42.14	Walters Art Museum	Engraved Gem
714	BM online	1865,0712.197	British Museum	Engraved Gem
715	BM online	1824,0301.13	British Museum	Engraved Gem
716	BM online	1867,0507.140	British Museum	Engraved Gem
717	BM online	1867,0507.396	British Museum	Engraved Gem
718	Guiraud 1988/2008	735	Dépôt de fouilles de Mâlain	Engraved Gem
719	Hendler 2016	138	Hendler Collection	Engraved Gem
720	RMO online	GS-00668	National Museum of Antiquities, Leiden	Engraved Gem
721	RMO online	GS-00679	National Museum of Antiquities, Leiden	Engraved Gem
722	RMO online	GS-00697	National Museum of Antiquities, Leiden	Engraved Gem
723	RMO online	GS-00809	National Museum of Antiquities, Leiden	Engraved Gem
724	RMO online	GS-01142	National Museum of Antiquities, Leiden	Ring
725	AG Munich	2764	Staatliche Antikensammlungen, Munich	Engraved Gem
726	BM online	1925,0401.219	British Museum	Engraved Gem
727	BM online	1923,0401.187	British Museum	Engraved Gem
728	BM online	1867,0507.43	British Museum	Engraved Gem
729	BM online	1814,0704.1426	British Museum	Engraved Gem
730	BM online	1824,0301.93	British Museum	Engraved Gem
731	BM online	1824,0301.93	British Museum	Engraved Gem
732	BM online	1865,0712.126	British Museum	Engraved Gem
733	BM online	1814,0704.1346	British Museum	Engraved Gem
734	BM online	1907,0514.1	British Museum	Engraved Gem
735	BM online	1814,0704.1460	British Museum	Engraved Gem
736	BM online	1925,0715.3	British Museum	Engraved Gem
737	BM online	1987,0212.168	British Museum	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC - 2nd century AD	-30	200				Amethyst
late 1st century BC	-25	-1				Amethyst
late 1st century BC	-25	-1				Amethyst
late 1st century BC	-25	-1				Amethyst
1st half of the 1st century AD	1	50				Amethyst
2nd - 1st century BC	-200	-1				Agate
2nd - 1st century BC	-200	-1				Garnet
late 1st century BC - early 1st century AD	-25	25				Amethyst
late 1st century BC - 1st century AD	-10	100				Amethyst
2nd century AD	101	200				Amethyst
AD 165	165	165				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 2nd century AD	1	200				Amethyst
1st - 2nd century AD	1	200	France	Mâlain		Amethyst
1st - 2nd century AD	1	200	Israel	Caesarea		Amethyst
1st - 2nd century AD	1	200				Amethyst
1st - 2nd century AD	1	200				Amethyst
1st - 2nd century AD	1	200				Amethyst
1st - 2nd century AD	1	200				Amethyst
1st - 2nd century AD	1	200			Bronze	Amethyst
1st - 2nd century AD	1	200				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300				Amethyst
AD 360	360	360				Amethyst
1st - 3rd century AD	1	300				Amethyst
3rd century AD	201	300				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
738	BM online	1867,0507.43	British Museum	Engraved Gem
739	BM online	1924,0514.6	British Museum	Pendant
740	BM online	1923,0401.272	British Museum	Ring
741	BM online	1917,0501.820	British Museum	Ring
742	BM online	1872,0604.294	British Museum	Ring
743	BM online	1917,0601.2583	British Museum	Earrings
744	BM online	1917,0601.2583	British Museum	Earrings
745	Fitzwilliam 1994	196	Fitzwilliam Museum	Engraved Gem
746	AG Vienna	1987	Kunsthistorisches Museum Wien	Engraved Gem
747	AG Vienna	2068	Kunsthistorisches Museum Wien	Engraved Gem
748	AG Vienna	2056	Kunsthistorisches Museum Wien	Engraved Gem
749	AG Vienna	2049	Kunsthistorisches Museum Wien	Engraved Gem
750	AG Vienna	2013	Kunsthistorisches Museum Wien	Engraved Gem
751	Hendler 2016	137	Hendler Collection	Engraved Gem
752	Hendler 2016	241	Hendler Collection	Blank Gem
753	Hendler 2016	242	Hendler Collection	Blank Gem
754	Hendler 2016	243	Hendler Collection	Blank Gem
755	Hendler 2016	244	Hendler Collection	Blank Gem
756	Hendler 2016	245	Hendler Collection	Blank Gem
757	Hendler 2016	246	Hendler Collection	Blank Gem
758	Hendler 2016	247	Hendler Collection	Blank Gem
759	Hendler 2016	248	Hendler Collection	Blank Gem
760	Hendler 2016	249	Hendler Collection	Blank Gem
761	Hendler 2016	142	Hendler Collection	Engraved Gem
762	Guiraud 1988/2008	278	Musée Archéologique, Bavay	Engraved Gem
763	MFA online	81.135	Museum of Fine Arts, Boston	Engraved Gem
764	Fitzwilliam 1994	197	Fitzwilliam Museum	Engraved Gem
765	Fitzwilliam 1994	198	Fitzwilliam Museum	Engraved Gem
766	Fitzwilliam 1994	199	Fitzwilliam Museum	Engraved Gem
767	Fitzwilliam 1994	283	Fitzwilliam Museum	Engraved Gem
768	Hendler 2016	378	Hendler Collection	Ring
769	Carnuntum 2005	537	Kunsthistorisches Museum Wien	Engraved Gem
770	Marshman 2016	85.16	South Shields Museum & Art Gallery	Engraved Gem
771	AG Vienna	343	Kunsthistorisches Museum Wien	Engraved Gem
772	AG Vienna	408	Kunsthistorisches Museum Wien	Engraved Gem
773	AG Vienna	290	Kunsthistorisches Museum Wien	Engraved Gem
774	Getty Online	83.AN.437.55	J. Paul Getty Museum	Engraved Gem
775	Getty Online	82.AN.162.37	J. Paul Getty Museum	Engraved Gem
776	Getty Online	82.AN.162.59	J. Paul Getty Museum	Engraved Gem
777	Getty Online	85.AN.444.14	J. Paul Getty Museum	Engraved Gem
778	Getty Online	85.AN.370.59	J. Paul Getty Museum	Engraved Gem
779	Getty Online	82.AN.162.35	J. Paul Getty Museum	Engraved Gem
780	Getty Online	82.AN.162.35	J. Paul Getty Museum	Engraved Gem
781	Getty Online	83.AN.437.27	J. Paul Getty Museum	Engraved Gem
782	Getty Online	84.AN.1.46	J. Paul Getty Museum	Engraved Gem
783	Getty Online	83.AN.437.32	J. Paul Getty Museum	Engraved Gem
784	Getty Online	85.AN.370.57	J. Paul Getty Museum	Engraved Gem
785	Getty Online	82.AN.162.36	J. Paul Getty Museum	Engraved Gem
786	Hague 1978	559	Royal Coin Cabinet, The Hague	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 3rd century AD	1	300				Amethyst
1st - 3rd century AD	1	300	France	Beaurains	Gold	Amethyst
1st - 3rd century AD	1	300			Gold	Amethyst
3rd century AD	201	300			Gold	Amethyst
1st - 2nd century AD	1	200			Gold	Amethyst
2nd - 3rd century AD	101	300				Amethyst
2nd - 3rd century AD	101	300				Amethyst
30 BC	-30	-30				Amethyst
1st - 2nd century AD	1	200				Chrysoprase
1st century AD	1	100				Chrysoprase
1st - 2nd century AD	1	200				Chrysoprase
1st - 2nd century AD	1	200				Chrysoprase
AD 50 - 150	50	150				Chrysoprase
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	Israel	Caesarea		Amethyst
1st - 3rd century AD	1	300	France	Bavay		Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st - 3rd century AD	1	300	France	Bavay		Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
1st century BC	-100	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
1st century BC	-100	-1	Cyprus	Tomassos		Carnelian
1st century AD	1	100				Amethyst
1st - 4th century AD	1	400	Israel	Caesarea	Gold	Amethyst
2nd century AD	101	200	Austria	Carnuntum		Amethyst
1st - 4th century AD	1	400	Britain	South Shields		Amethyst
50 - 25 BC	-50	-25				Amethyst
35 - 1 BC	-25	-1				Amethyst
75 - 50 BC	-75	-50				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st - 2nd century AD	1	200				Jasper (Red)
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100	Italy	Rome		Chrysoprase

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
787	Penn Online	29-128-237	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
788	Penn Online	29-224-455	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
789	AG Vienna	497	Kunsthistorisches Museum Wien	Engraved Gem
790	Hague 1978	561	Royal Coin Cabinet, The Hague	Engraved Gem
791	AGD Braunschweig	57	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem
792	Xanten 1987/1994	9	LVR-Archäologischer Park Xanten	Engraved Gem
793	Aquileia 1996	20 (inv. 914/223)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
794	Guzzo 2003	I.96	Museo Archaeologico Nazionale di Napoli (MANN)	Ring
795	Vesuvius 1997	127 (inv. 9)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
796	Vesuvius 1997	129 (inv. 8509)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
797	Pinarius 1975	13 (inv. 158762)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
798	Pinarius 1975	21 (inv. 158778)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
799	Pinarius 1975	22 (inv. 158779)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
800	Vesuvius 1997	122 (inv. 39599)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
801	Vesuvius 1997	124 (inv. 12249)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
802	Vesuvius 1997	125 (inv. 10141)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
803	Vesuvius 1997	126 (inv. 1121)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
804	Vesuvius 1997	130 (inv. 11869)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
805	RMO online	GS-00467	National Museum of Antiquities, Leiden	Ring
806	RMO online	GS-00483	National Museum of Antiquities, Leiden	Engraved Gem
807	RMO online	GS-00490	National Museum of Antiquities, Leiden	Engraved Gem
808	RMO online	GS-00491	National Museum of Antiquities, Leiden	Engraved Gem
809	RMO online	GS-00492	National Museum of Antiquities, Leiden	Engraved Gem
810	RMO online	GS-00499	National Museum of Antiquities, Leiden	Engraved Gem
811	RMO online	GS-00501	National Museum of Antiquities, Leiden	Engraved Gem
812	RMO online	GS-00541	National Museum of Antiquities, Leiden	Engraved Gem
813	RMO online	GS-00558	National Museum of Antiquities, Leiden	Engraved Gem
814	RMO online	GS-00566	National Museum of Antiquities, Leiden	Engraved Gem
815	RMO online	GS-00574	National Museum of Antiquities, Leiden	Engraved Gem
816	RMO online	GS-00632	National Museum of Antiquities, Leiden	Engraved Gem
817	Guiraud 1988/2008	415	Private Collection	Engraved Gem
818	Guzzo 2003	I.113	Soprintendenza Archeologica di Pompei	Ring
819	Guzzo 2003	IV.76	Soprintendenza Archeologica di Pompei	Ring
820	AG Munich	2270	Staatliche Antikensammlungen, Munich	Engraved Gem
821	Aquileia 1966	392 (inv. 49173)	The National Archaeological Museum of Aquileia	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
late 1st century BC - 1st century AD	-10	10	Italy	Rome		Amethyst
1st century AD	1	100	Italy	Rome		Chrysoprase
2nd century AD	101	200				Amethyst
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100	Italy	Pompeii	Gold	Amethyst
1st century AD	1	100	Italy	Pompeii		Amethyst
1st century AD	1	100	Italy	Pompeii		Amethyst
1st century AD	1	100	Italy	Pompeii		Amethyst
1st century AD	1	100	Italy	Pompeii		Amethyst
1st century AD	1	100	Italy	Pompeii		Amethyst
1st century AD	1	100	Italy	Pompeii		Amethyst
1st century AD	1	100			Bronze	Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100	France	Mandeure		Amethyst
1st century AD	1	100	Italy	Pompeii	Gold	Amethyst
1st century AD	1	100	Italy	Pompeii	Gold	Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100	Italy	Aquileia		Amethyst

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
822	Getty Online	96.AN.290	J. Paul Getty Museum	Engraved Gem
823	Aquileia 1966	991 (inv. 26139)	The National Archaeological Museum of Aquileia	Engraved Gem
824	Aquileia 1966	1268 (inv. NA)	The National Archaeological Museum of Aquileia	Engraved Gem
825	Aquileia 1966	371 (inv. 26122)	The National Archaeological Museum of Aquileia	Engraved Gem
826	Aquileia 1966	725 (inv. 25502)	The National Archaeological Museum of Aquileia	Engraved Gem
827	Aquileia 1966	770 (inv. 26768)	The National Archaeological Museum of Aquileia	Engraved Gem
828	Aquileia 1966	772 (inv. 26338)	The National Archaeological Museum of Aquileia	Engraved Gem
829	Getty Online	83.AN.437.16	J. Paul Getty Museum	Engraved Gem
830	MFA online	65.625	Museum of Fine Arts, Boston	Engraved Gem
831	MFA online	62.1152	Museum of Fine Arts, Boston	Engraved Gem
832	Marshman 2016	16.48	Stroud Museum in the Park	Engraved Gem
833	Thorvaldsens online	i1003	Thorvaldsens Museum, Copenhagen	Engraved Gem
834	Benaki 1999	Benaki Museum: ΓΕ 1665	Benaki Museum	Engraved Gem
835	Benaki 1999	Benaki Museum: ΓΕ 1674	Benaki Museum	Engraved Gem
836	MFA online	1972.955	Museum of Fine Arts, Boston	Engraved Gem
837	Hendler 2016	56	Hendler Collection	Engraved Gem
838	Xanten 1987/1994	7	LVR-Archäologischer Park Xanten	Engraved Gem
839	Marshman 2016	8.19	National Roman Legion Museum, Caerleon	Engraved Gem
840	Marshman 2016	32.25	National Roman Legion Museum, Caerleon	Engraved Gem
841	Marshman 2016	70.17	National Roman Legion Museum, Caerleon	Engraved Gem
842	Marshman 2016	85.01	National Roman Legion Museum, Caerleon	Engraved Gem
843	Marshman 2016	90.02	National Roman Legion Museum, Caerleon	Engraved Gem
844	AG Vienna	420	Kunsthistorisches Museum Wien	Engraved Gem
845	Marshman 2016	8.43	Fishbourne Site Museum	Engraved Gem
846	Marshman 2016	120.08	National Roman Legion Museum, Caerleon	Ring
847	Marshman 2016	74.01	Roman Baths Museum, Bath	Engraved Gem
848	Marshman 2016	71.14	Shrewsbury Museum & Art Gallery	Engraved Gem
849	Fitzwilliam 1994	284	Fitzwilliam Museum	Engraved Gem
850	Fitzwilliam 1994	88	Fitzwilliam Museum	Engraved Gem
851	Fitzwilliam 1994	183	Fitzwilliam Museum	Engraved Gem
852	RMO online	GS-00918	National Museum of Antiquities, Leiden	Engraved Gem
853	Fitzwilliam 1994	293	Fitzwilliam Museum	Engraved Gem
854	AGD Berlin	480	Staatliche Museen zu Berlin	Engraved Gem
855	Fitzwilliam 1994	374	Fitzwilliam Museum	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
30 - 20 BC	-30	-20				Amethyst
early - mid 1st century AD	1	50	Italy	Aquileia		Amethyst
early - mid 1st century AD	1	50	Italy	Aquileia		Amethyst
early 1st century AD	1	25	Italy	Aquileia		Amethyst
early 1st century AD	1	25	Italy	Aquileia		Amethyst
early 1st century AD	1	25	Italy	Aquileia		Amethyst
early 1st century AD	1	25	Italy	Aquileia		Amethyst
2nd - 1st century BC	-200	-1	Italy			Amethyst
AD 14 - 37	14	37				Amethyst
1st century BC - 1st century AD	-100	100				Amethyst
mid - late 1st century AD	50	100	Britain	Nr. Rodborough		Amethyst
AD 64 - 91	64	91				Amethyst
late 1st century AD	75	100	Britain	Caerleon		Amethyst
late 1st century AD	75	100	Britain	Caerleon		Amethyst
50 BC - AD 50	-50	50				Amethyst
late 1st - 2nd century AD	75	200	Israel	Caesarea		Amethyst
late 1st - early 2nd century AD	75	125	Germany	Fürstenberg And Its Environs		Amethyst
late 1st - early 2nd century AD	75	125	Britain	Caerleon		Amethyst
late 1st - early 2nd century AD	75	125	Britain	Caerleon		Amethyst
late 1st - early 2nd century AD	75	125	Britain	Caerleon		Amethyst
late 1st - early 2nd century AD	75	125	Britain	Caerleon		Amethyst
late 1st - early 2nd century AD	75	125	Britain	Caerleon		Amethyst
30 - 20 BC	-30	-20				Amethyst
late 1st century AD	75	100	Britain	Fishbourne		Amethyst
late 1st century AD	75	100	Britain	Caerleon	Iron	Amethyst
late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Amethyst
late 1st century AD	75	100	Britain	Wroxeter, Forum		Amethyst
1st century AD	1	100				Amethyst
2nd - 1st century BC	-200	-1				Garnet
1st century BC - 1st century AD	-100	100				Chrysoprase
2nd - 3rd century AD	101	300				Amethyst
1st century AD	1	100				Chrysoprase
late 1st century BC - early 1st century AD	-10	25				Amethyst
1st century AD	1	100				Chrysoprase

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
856	Hendler 2016	19	Hendler Collection	Engraved Gem
857	Xanten 1987/1994	157	LVR-Archäologischer Park Xanten	Engraved Gem
858	AGD Hannover	996	Museum August Kestner-Hannover	Engraved Gem
859	AGD Hannover	997	Museum August Kestner-Hannover	Engraved Gem
860	Marshman 2016	14.20	Museum of London	Engraved Gem
861	AG Vienna	482	Kunsthistorisches Museum Wien	Engraved Gem
862	Ashmolean Online	AN1962.439	Ashmolean Museum	Necklace
863	Fitzwilliam 1994	387	Fitzwilliam Museum	Engraved Gem
864	Penn Online	29-128-2305	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
865	Bologna 1987	145 (inv. Gl. 288)	Museo Civico Archeologico di Bologna	Engraved Gem
866	Bologna 1987	146 (inv. Gl. 290)	Museo Civico Archeologico di Bologna	Engraved Gem
867	MFA online	63.1521	Museum of Fine Arts, Boston	Engraved Gem
868	AG Munich	2483	Staatliche Antikensammlungen, Munich	Engraved Gem
869	MFA online	27.778	Museum of Fine Arts, Boston	Engraved Gem
870	Fitzwilliam 1994	378	Fitzwilliam Museum	Engraved Gem
871	AGD Berlin	478	Staatliche Museen zu Berlin	Engraved Gem
872	Marshman 2016	104.01	Colchester Castle Museum	Engraved Gem
873	Marshman 2016	89.13	British Museum	Ring
874	MFA online	21.1219	Museum of Fine Arts, Boston	Engraved Gem
875	Hague 1978	491	Royal Coin Cabinet, The Hague	Engraved Gem
876	Hague 1978	490	Royal Coin Cabinet, The Hague	Engraved Gem
877	Marshman 2016	139.05	National Roman Legion Museum, Caerleon	Engraved Gem
878	CHRE	2806	Private Collection	Ring
879	AG Vienna	432	Kunsthistorisches Museum Wien	Engraved Gem
880	Marshman 2016	8.61	Private Collection	Engraved Gem
881	Thorvaldsens online	i1598	Thorvaldsens Museum, Copenhagen	Engraved Gem
882	Thorvaldsens online	i313	Thorvaldsens Museum, Copenhagen	Engraved Gem
883	Marshman 2016	8.55	British Museum	Ring
884	BM online	1879,0115.16	British Museum	Earring
885	BM online	1879,0115.17	British Museum	Earring
886	BM online	1949,1007.2	British Museum	Earring
887	BM online	1949,1007.1	British Museum	Earring
888	BM online	1872,0604.328	British Museum	Ring
889	BM online	1917,0501.509	British Museum	Ring
890	Guiraud 1988/2008	796	British Museum	Pendant
891	Marshman 2016	14.41	British Museum	Ring
892	Getty Online	83.AM.227.2	J. Paul Getty Museum	Bracelet
893	AGD Hannover	837	Museum August Kestner-Hannover	Engraved Gem
894	AG Munich	2499	Staatliche Antikensammlungen, Munich	Engraved Gem
895	AG Munich	2637	Staatliche Antikensammlungen, Munich	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st - 2nd century AD	75	200	Israel	Caesarea		Amethyst
late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Amethyst
1st century AD	1	100				Chrysoprase
1st century AD	1	100				Agate
late 1st - 2nd century AD	75	200	Britain	London		Amethyst
late 1st century BC - 1st century AD	-10	10				Amethyst
2nd century AD	101	200			Gold	Emerald
1st century AD	1	100				Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
2nd century AD	101	200				Amethyst
2nd century AD	101	200				Amethyst
AD 75 - 100	75	100				Amethyst
2nd century AD	101	200				Amethyst
1st century BC	-100	-1				Amethyst
1st century AD	1	100				Amethyst
late 1st century BC	-33	-1				Amethyst
mid - late 2nd century AD	150	200	Britain	Colchester, West Stockwell Street		Amethyst
mid - late 2nd century AD	150	200	Britain	Richborough	Gold	Amethyst
AD 161 - 169	161	169				Amethyst
1st century AD	-100	-1				Amethyst
1st century AD	-100	-1				Amethyst
late 2nd - 3rd century AD	175	300	Britain	Caerleon		Amethyst
AD 181 - 182	181	182	Serbia	Bela Reka	Gold	Amethyst
late 1st century BC - early 1st century AD	-10	10				Amethyst
late 2nd - 4th century AD	175	400	Britain	Lymone		Amethyst
3rd - 4th century AD	201	400				Amethyst
3rd - 4th century AD	201	400				Amethyst
late 2nd - 3rd century AD	175	300	Britain	Thetford	Gold	Amethyst
2nd - 3rd century AD	201	300	Syria	Tortosa	Gold	Amethyst
2nd - 3rd century AD	201	300	Syria	Tortosa	Gold	Amethyst
3rd - 4th century AD	201	400	Syria	Homs	Gold	Amethyst, Pearl
3rd - 4th century AD	201	400	Syria	Homs	Gold	Amethyst, Pearl
3rd century AD	201	300			Gold	Amethyst
3rd century AD	201	300			Gold	Amethyst
3rd century AD	201	300	France	Beaurains		Amethyst
late 2nd - early 3rd century AD	175	300	Britain	Thetford	Gold	Amethyst
AD 379 - 395	201	300			Gold	Emerald Sapphire
50 BC - AD 50	-50	50				Carnelian
3rd century AD	201	300				Amethyst
3rd century AD	201	300				Amethyst

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
896	Getty Online	2019.13.15	J. Paul Getty Museum	Ring
897	BM online	1856,0425.26	British Museum	Engraved Gem
898	BM online	1772,0314.14	British Museum	Ring
899	CHRE	4744	Private Collection	Ring
900	Carnuntum 2005	1171	Kunsthistorisches Museum Wien	Engraved Gem
901	Carnuntum 2005	266	Museum Carnuntinum	Engraved Gem
902	Carnuntum 2005	771	Museum Carnuntinum	Engraved Gem
903	Carnuntum 2005	309	Museum Carnuntinum	Engraved Gem
904	Carnuntum 2005	433	Museum Carnuntinum	Ring
905	Fitzwilliam 1994	265	Fitzwilliam Museum	Engraved Gem
906	Fitzwilliam 1994	266	Fitzwilliam Museum	Engraved Gem
907	Fitzwilliam 1994	267	Fitzwilliam Museum	Engraved Gem
908	Fitzwilliam 1994	268	Fitzwilliam Museum	Engraved Gem
909	Fitzwilliam 1994	269	Fitzwilliam Museum	Engraved Gem
910	Fitzwilliam 1994	270	Fitzwilliam Museum	Engraved Gem
911	Fitzwilliam 1994	127	Fitzwilliam Museum	Engraved Gem
912	Carnuntum 2005	526	Private Collection	Engraved Gem
913	Carnuntum 2005	1291	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem
914	RMO online	GS-01158	National Museum of Antiquities, Leiden	Engraved Gem
915	CHRE	2910	Private Collection	Pendant
916	CHRE	2910	Private Collection	Pendant
917	CHRE	6317	Private Collection	Necklace
918	CHRE	4744	Private Collection	Ring
919	CHRE	4744	Private Collection	Ring
920	CHRE	4936	Private Collection	Necklace
921	V&A online	8844-1863	Victoria & Albert Museum	Necklace
922	BM online	1978,0102.369	British Museum	Bead
923	BM online	1917,0601.2749	British Museum	Necklace
924	BM online	1981,0201.8	British Museum	Ring
925	Berlin 2007	625	Staatliche Museen zu Berlin	Engraved Gem
926	CHRE	2910	Private Collection	Bracelet
927	Hermitage Online	25074	Hermitage Museum	Engraved Gem
928	Hague 1978	147	Royal Coin Cabinet, The Hague	Engraved Gem
929	BM online	1917,0501.715	British Museum	Ring
930	BM online	1872,0604.1183	British Museum	Engraved Gem
931	BM online	1980,0201.139	British Museum	Pendant
932	Hermitage Online	21643	Hermitage Museum	Engraved Gem
933	Berlin 2007	643	Staatliche Museen zu Berlin	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
25 BC	-25	-25	Italy	Rome	Silver	Amethyst
3rd - 4th century AD	201	400			Gold	Amethyst
4th century AD	301	400	Britain	Thetford	Gold	Amethyst, Pearl
AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Amethyst
3rd century AD	201	300	Austria	Carnuntum		Amethyst
1st - 2nd century AD	1	200	Austria	Carnuntum		Amethyst
2nd - 3rd century AD	101	300	Austria	Carnuntum		Amethyst
3rd century AD	201	300	Austria	Carnuntum		Amethyst
3rd century AD	201	300	Austria	Carnuntum	Bronze	Amethyst
AD 50 - 100	50	100				Jasper (Heliotrope)
2nd century AD	101	200				Jasper (Heliotrope)
1st century AD	1	100				Jasper (Heliotrope)
1st century AD	1	100				Carnelian
1st - 2nd century AD	1	200				Onyx (Nicolo)
2nd century AD	101	200				Carnelian
1st century BC	-100	-1				Carnelian
2nd century AD	101	200	Austria	Carnuntum		Amethyst
1st - 4th century AD	1	399	Austria	Carnuntum		Amethyst
1st century BC	-100	-1				Amethyst
AD 69 - 315	69	315	France	Beaurains	Gold	Amethyst
AD 268 - 318	268	318	France	Lyon	Gold	Amethyst
AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Amethyst
AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Amethyst
AD 260 -293	260	293	Algeria	Timgad 1910		Amethyst, Carnelian
AD 100-200	100	200			Gold	Amethyst
4th - 5th AD	301	500				Emerald
3rd century AD	201	300	France	Lyon	Gold	Amethyst, Emerald
4th century AD	301	400	Britain	Thetford	Gold	Amethyst, Emerald, Garnet
3rd quarter of the 1st century BC	-50	-25				Amethyst
AD 69 - 315	69	315	France	Beaurains	Gold	Amethyst, Emerald, Garnet
1st century BC	-100	-1	Ukraine	Sebastopol, Grave No. 630		Amethyst
200 BC - AD 50	-200	50				Carnelian
323 - 31 BC	-323	-31			Gold	Garnet
323 - 31 BC	-323	-31				Garnet
1st - 4th century AD	1	400			Gold	Amethyst, Garnet, Pearl
2nd century AD	101	200	Russia	Novocherkassk, (Khokhlach Barrow)		Amethyst
1st - 2nd century AD	1	200				Amethyst

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
934	BM online	1917,0601.2594	British Museum	Earring
935	AG Munich	524	Staatliche Antikensammlungen, Munich	Engraved Gem
936	Walters Online	42.1218	Walters Art Museum	Engraved Gem
937	RMO online	GS-00211	National Museum of Antiquities, Leiden	Engraved Gem
938	Naples 1994	142 (inv. 25941/108)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
939	Naples 1994	252 (inv. 25962129)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
940	Naples 1983	223 (inv. 115481)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
941	Hague 1978	206	Royal Coin Cabinet, The Hague	Engraved Gem
942	Penn Online	29-128-914	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
943	BM online	1799,0521.15	British Museum	Engraved Gem
944	Hendler 2016	257	Hendler Collection	Blank Gem
945	Hendler 2016	258	Hendler Collection	Blank Gem
946	Hendler 2016	259	Hendler Collection	Blank Gem
947	BM online	1892,1103.18	British Museum	Engraved Gem
948	Berlin Online	783273	Staatliche Museen zu Berlin	Ring
949	Berlin Online	690557	Staatliche Museen zu Berlin	Ring
950	Hague 1978	201	Royal Coin Cabinet, The Hague	Engraved Gem
951	Berlin 2007	393	Staatliche Museen zu Berlin	Engraved Gem
952	CHRE	2910	Private Collection	Ring
953	Israel online	1961-482	The Israel Museum, Jerusalem	Diadem
954	Carnuntum 2005	175a	Museum Carnuntinum	Engraved Gem
955	Carnuntum 2005	66a	Museum Carnuntinum	Engraved Gem
956	Carnuntum 2005	423	Kunsthistorisches Museum Wien	Engraved Gem
957	Carnuntum 2005	596	Kunsthistorisches Museum Wien	Engraved Gem
958	Carnuntum 2005	604	Kunsthistorisches Museum Wien	Engraved Gem
959	Carnuntum 2005	8	Kunsthistorisches Museum Wien	Engraved Gem
960	Carnuntum 2005	395	Kunsthistorisches Museum Wien	Engraved Gem
961	Carnuntum 2005	591	Kunsthistorisches Museum Wien	Engraved Gem
962	Carnuntum 2005	1065	Kunsthistorisches Museum Wien	Engraved Gem
963	Carnuntum 2005	44	Kunsthistorisches Museum Wien	Engraved Gem
964	Carnuntum 2005	56	Kunsthistorisches Museum Wien	Engraved Gem
965	Carnuntum 2005	176	Kunsthistorisches Museum Wien	Engraved Gem
966	Carnuntum 2005	212	Kunsthistorisches Museum Wien	Engraved Gem
967	Carnuntum 2005	274	Kunsthistorisches Museum Wien	Engraved Gem
968	Carnuntum 2005	536	Kunsthistorisches Museum Wien	Engraved Gem
969	Carnuntum 2005	621	Kunsthistorisches Museum Wien	Engraved Gem
970	Carnuntum 2005	983	Kunsthistorisches Museum Wien	Engraved Gem
971	Met Online	1994.230.6	Metropolitan Museum of Art, New York	Earring
972	ÄM&P online	9870	Ägyptisches Museum und Papyrussammlung	Engraved Gem
973	MFA online	27.774	Museum of Fine Arts, Boston	Engraved Gem
974	BM online	1913,0212.31	British Museum	Engraved Gem
975	MFA online	27.714	Museum of Fine Arts, Boston	Engraved Gem
976	AG Munich	438	Staatliche Antikensammlungen, Munich	Engraved Gem
977	AG Vienna	1917	Kunsthistorisches Museum Wien	Engraved Gem
978	AG Vienna	1931	Kunsthistorisches Museum Wien	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2nd century AD	101	200			Gold	Amethyst, Pearl
3rd - 1st century BC	-300	-1				Aquamarine
2nd - 3rd century AD	201	300				Aquamarine
1st century BC	-100	-1				Aquamarine
1st century BC - 1st century AD	-100	100				Aquamarine
1st century BC - 1st century AD	-100	100				Aquamarine
1st century BC - AD 79	-100	79	Italy	Pompeii		Aquamarine
2nd - 1st century BC	-200	-1	Italy	Lazio		Carnelian
1st century BC - 3rd century AD	-100	300				Amethyst
1st - 3rd century AD	1	300				Aquamarine
1st - 3rd century AD	1	300	Israel	Caesarea		Aquamarine
1st - 3rd century AD	1	300	Israel	Caesarea		Aquamarine
1st - 3rd century AD	1	300	Israel	Caesarea		Aquamarine
1st - early 5th century AD	1	410	India			Aquamarine
early 1st century AD	1	25			Gold	Aquamarine
early 1st century AD	1	25	Italy	Petescia	Gold	Aquamarine
1st century BC	-100	-1				Carnelian
AD 170	170	170				Aquamarine
AD 69 - 315	69	315	France	Beaurains	Gold	Aquamarine
AD 290 - 310	290	310	Israel	Kfar Gilaadi, Upper Galilee	Gold	Aquamarine, Pearl
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
3rd century AD	201	300	Austria	Carnuntum		Carnelian
3rd century AD	201	300	Austria	Carnuntum		Carnelian
1st century AD	1	100	Austria	Carnuntum		Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
1st century BC	-100	-1			Gold	Agate
2nd - 3rd century AD	101	300				Carnelian
1st century BC	-100	100				Carnelian
1st century AD	1	100	Cyprus			Carnelian
1st century BC	-100	100				Carnelian
3rd - 1st century BC	-300	-1	Egypt	Alexandria		Carnelian
2nd century AD	101	200				Carnelian
2nd century AD	101	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
979	Met Online	74.51.4233	Metropolitan Museum of Art, New York	Ring
980	Met Online	74.51.3935	Metropolitan Museum of Art, New York	Earring
981	MFA online	23.303	Museum of Fine Arts, Boston	Ring
982	AG Munich	504	Staatliche Antikensammlungen, Munich	Engraved Gem
983	Getty Online	83.AN.437.45	J. Paul Getty Museum	Engraved Gem
984	Chabouillet 1858	Camée.147 Number of deposit: Chabouillet.108 reg.F.2832	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem
985	AG Munich	513	Staatliche Antikensammlungen, Munich	Engraved Gem
986	AG Munich	759	Staatliche Antikensammlungen, Munich	Engraved Gem
987	AG Munich	766	Staatliche Antikensammlungen, Munich	Engraved Gem
988	AG Munich	768	Staatliche Antikensammlungen, Munich	Engraved Gem
989	AG Munich	769	Staatliche Antikensammlungen, Munich	Engraved Gem
990	AG Munich	770	Staatliche Antikensammlungen, Munich	Engraved Gem
991	AG Munich	772	Staatliche Antikensammlungen, Munich	Engraved Gem
992	AG Munich	773	Staatliche Antikensammlungen, Munich	Engraved Gem
993	AG Munich	774	Staatliche Antikensammlungen, Munich	Engraved Gem
994	AG Munich	775	Staatliche Antikensammlungen, Munich	Engraved Gem
995	AG Munich	781	Staatliche Antikensammlungen, Munich	Engraved Gem
996	AG Munich	782	Staatliche Antikensammlungen, Munich	Engraved Gem
997	AG Munich	783	Staatliche Antikensammlungen, Munich	Engraved Gem
998	AG Munich	794	Staatliche Antikensammlungen, Munich	Engraved Gem
999	AG Munich	797	Staatliche Antikensammlungen, Munich	Engraved Gem
1,000	AG Munich	803	Staatliche Antikensammlungen, Munich	Engraved Gem
1,001	AG Munich	805	Staatliche Antikensammlungen, Munich	Engraved Gem
1,002	AG Munich	819	Staatliche Antikensammlungen, Munich	Engraved Gem
1,003	AG Munich	844	Staatliche Antikensammlungen, Munich	Engraved Gem
1,004	AG Munich	853	Staatliche Antikensammlungen, Munich	Engraved Gem
1,005	AG Munich	856	Staatliche Antikensammlungen, Munich	Engraved Gem
1,006	AG Munich	859	Staatliche Antikensammlungen, Munich	Engraved Gem
1,007	MFA online	13.234	Museum of Fine Arts, Boston	Engraved Gem
1,008	Hermitage Online	24714	Hermitage Museum	Engraved Gem
1,009	Getty Online	83.AN.437.60	J. Paul Getty Museum	Engraved Gem
1,010	Penn Online	29-128-950	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,011	Berlin 2007	32	Staatliche Museen zu Berlin	Engraved Gem
1,012	Hague 1978	111	Royal Coin Cabinet, The Hague	Engraved Gem
1,013	MFA online	13.238	Museum of Fine Arts, Boston	Engraved Gem
1,014	MFA online	13.235	Museum of Fine Arts, Boston	Engraved Gem
1,015	Walters Online	42.108	Walters Art Museum	Engraved Gem
1,016	Hermitage Online	21665	Hermitage Museum	Engraved Gem
1,017	Guiraud 1988/2008	512	Musée Borély	Ring
1,018	Guiraud 1988/2008	661	Musée, Rabastens	Engraved Gem
1,019	RMO online	GS-00206	National Museum of Antiquities, Leiden	Engraved Gem
1,020	RMO online	GS-00216	National Museum of Antiquities, Leiden	Engraved Gem
1,021	RMO online	GS-00217	National Museum of Antiquities, Leiden	Ring
1,022	RMO online	GS-00218	National Museum of Antiquities, Leiden	Ring
1,023	RMO online	GS-00220	National Museum of Antiquities, Leiden	Engraved Gem
1,024	RMO online	GS-00222	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100			Gold	Carnelian
1st century BC - 2nd century AD	-100	100			Gold	Agate
100 BC - AD 100	-100	100			Gold	Carnelian
3rd - 1st century BC	-300	-1				Carnelian
2nd - 4th century AD	101	400				Jasper
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1	Italy	Ruvo		Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1	Italy	Bari		Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1	Italy	Canosa		Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century AD	1	100	Russia	Siberia		Amethyst
2nd - 4th century AD	101	400				Carnelian
1st century BC - 1st century AD	-100	100	Egypt	Alexandria (?)		Amethyst
1st century AD	1	100				Carnelian
2nd - 1st century BC	-200	-1	Greece	Crete		Carnelian
1st century BC	-100	-1				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
1st century BC	-100	-1	Turkey (Asia Minor)			Amethyst
2nd - 1st century BC	-200	-1	France	Vaison-La-Romaine	Gold	Carnelian
2nd - 1st century BC	-200	-1	France	Rabastes		Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1			Gold	Carnelian
2nd - 1st century BC	-200	-1			Gold	Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,025	RMO online	GS-00224	National Museum of Antiquities, Leiden	Engraved Gem
1,026	RMO online	GS-00230	National Museum of Antiquities, Leiden	Engraved Gem
1,027	RMO online	GS-00231	National Museum of Antiquities, Leiden	Engraved Gem
1,028	RMO online	GS-00234	National Museum of Antiquities, Leiden	Engraved Gem
1,029	RMO online	GS-00263	National Museum of Antiquities, Leiden	Engraved Gem
1,030	RMO online	GS-00283	National Museum of Antiquities, Leiden	Engraved Gem
1,031	Guiraud 1988/2008	888	Private Collection	Engraved Gem
1,032	Hague 1978	219	Royal Coin Cabinet, The Hague	Engraved Gem
1,033	AG Munich	377	Staatliche Antikensammlungen, Munich	Engraved Gem
1,034	AG Munich	452	Staatliche Antikensammlungen, Munich	Engraved Gem
1,035	AG Munich	512	Staatliche Antikensammlungen, Munich	Engraved Gem
1,036	AG Munich	522	Staatliche Antikensammlungen, Munich	Engraved Gem
1,037	AG Munich	523	Staatliche Antikensammlungen, Munich	Engraved Gem
1,038	AG Munich	591	Staatliche Antikensammlungen, Munich	Engraved Gem
1,039	AG Munich	630	Staatliche Antikensammlungen, Munich	Engraved Gem
1,040	AG Munich	760	Staatliche Antikensammlungen, Munich	Engraved Gem
1,041	AG Munich	761	Staatliche Antikensammlungen, Munich	Engraved Gem
1,042	AG Munich	826	Staatliche Antikensammlungen, Munich	Engraved Gem
1,043	AG Munich	827	Staatliche Antikensammlungen, Munich	Engraved Gem
1,044	AG Munich	837	Staatliche Antikensammlungen, Munich	Engraved Gem
1,045	AG Munich	838	Staatliche Antikensammlungen, Munich	Engraved Gem
1,046	AG Munich	861	Staatliche Antikensammlungen, Munich	Engraved Gem
1,047	AG Munich	864	Staatliche Antikensammlungen, Munich	Engraved Gem
1,048	AG Munich	865	Staatliche Antikensammlungen, Munich	Engraved Gem
1,049	AG Munich	869	Staatliche Antikensammlungen, Munich	Engraved Gem
1,050	AG Munich	870	Staatliche Antikensammlungen, Munich	Engraved Gem
1,051	AG Munich	871	Staatliche Antikensammlungen, Munich	Engraved Gem
1,052	AG Munich	909	Staatliche Antikensammlungen, Munich	Engraved Gem
1,053	AG Munich	2227	Staatliche Antikensammlungen, Munich	Engraved Gem
1,054	Thorvaldsens online	i853	Thorvaldsen Museum, Copenhagen	Engraved Gem
1,055	Wright 2001	33	Wright Collection	Engraved Gem
1,056	Berlin 2007	417	Staatliche Museen zu Berlin	Engraved Gem
1,057	Walters Online	42.1161	Walters Art Museum	Ring
1,058	AG Vienna	1642	Kunsthistorisches Museum Wien	Engraved Gem
1,059	AGD Hannover	138	Museum August Kestner-Hannover	Engraved Gem
1,060	AGD Hannover	156	Museum August Kestner-Hannover	Engraved Gem
1,061	AGD Hannover	160	Museum August Kestner-Hannover	Engraved Gem
1,062	BM online	OA.9916	British Museum	Engraved Gem
1,063	BM online	2005,0815.36	British Museum	Engraved Gem
1,064	V&A online	6573-1855	Victoria & Albert Museum	Earring
1,065	V&A online	6574-1855	Victoria & Albert Museum	Earring
1,066	V&A online	6572-1855	Victoria & Albert Museum	Earring
1,067	V&A online	832-1871	Victoria & Albert Museum	Engraved Gem
1,068	V&A online	1815-1869	Victoria & Albert Museum	Ring
1,069	V&A online	7644-1861	Victoria & Albert Museum	Ring
1,070	V&A online	IS.39-1948	Victoria & Albert Museum	Engraved Gem
1,071	MFA online	18.361	Museum of Fine Arts, Boston	Engraved Gem
1,072	MFA online	13.244	Museum of Fine Arts, Boston	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2nd - 1st century BC	-200	-1			Gold	Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1	France	Ruscino		Carnelian
2nd - 1st century BC	-200	-1	Tunisia			Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1	Greece	Pergamon		Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1	Italy	Bari		Carnelian
2nd - 1st century BC	-200	-1	Italy	Tarento		Carnelian
2nd - 1st century BC	-200	-1	

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,073	MFA online	18.363	Museum of Fine Arts, Boston	Engraved Gem
1,074	MFA online	18.389	Museum of Fine Arts, Boston	Engraved Gem
1,075	MFA online	18.513	Museum of Fine Arts, Boston	Engraved Gem
1,076	MFA online	18.344	Museum of Fine Arts, Boston	Engraved Gem
1,077	AG Munich	860	Staatliche Antikensammlungen, Munich	Engraved Gem
1,078	AG Munich	888	Staatliche Antikensammlungen, Munich	Engraved Gem
1,079	AG Munich	800	Staatliche Antikensammlungen, Munich	Engraved Gem
1,080	RMO online	GS-01155	National Museum of Antiquities, Leiden	Engraved Gem
1,081	RMO online	GS-01154	National Museum of Antiquities, Leiden	Engraved Gem
1,082	BM online	1917,0601.2709	British Museum	Necklace
1,083	BM online	2005,0815.31	British Museum	Engraved Gem
1,084	BM online	1892,1103.111	British Museum	Engraved Gem
1,085	BM online	1892,1103.175	British Museum	Engraved Gem
1,086	BM online	1897,0528.6	British Museum	Engraved Gem
1,087	BM online	1880.3583	British Museum	Bead
1,088	Chabouillet 1858	Camée.18 Number of deposit: Chabouillet.31	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Bead
1,089	MFA online	18.346	Museum of Fine Arts, Boston	Engraved Gem
1,090	Walters Online	42.1014	Walters Art Museum	Engraved Gem
1,091	Walters Online	42.1133	Walters Art Museum	Ring
1,092	Hague 1978	197	Royal Coin Cabinet, The Hague	Engraved Gem
1,093	MFA online	18.347	Museum of Fine Arts, Boston	Engraved Gem
1,094	Guiraud 1988/2008	496	Private Collection	Engraved Gem
1,095	Getty Online	82.AN.162.24	J. Paul Getty Museum	Engraved Gem
1,096	MFA online	18.349	Museum of Fine Arts, Boston	Engraved Gem
1,097	Guiraud 1988/2008	494	Private Collection	Engraved Gem
1,098	AG Vienna	1609	Kunsthistorisches Museum Wien	Engraved Gem
1,099	AGD Hannover	496	Museum August Kestner-Hannover	Engraved Gem
1,100	Thorvaldsens online	i901	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,101	Thorvaldsens online	i714	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,102	Thorvaldsens online	i1036	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,103	Thorvaldsens online	i362	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,104	Thorvaldsens online	i527	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,105	Thorvaldsens online	i247	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,106	Thorvaldsens online	i1203	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,107	Thorvaldsens online	i164	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,108	Thorvaldsens online	i1204	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,109	Thorvaldsens online	i1142	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,110	Thorvaldsens online	i1139	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,111	Thorvaldsens online	i372	Thorvaldsens Museum, Copenhagen	Ring
1,112	Thorvaldsens online	i1614	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,113	Thorvaldsens online	i68	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,114	Thorvaldsens online	i1329	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,115	Thorvaldsens online	i1195	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,116	Thorvaldsens online	i1194	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,117	Thorvaldsens online	i1455	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,118	Thorvaldsens online	i977	Thorvaldsens Museum, Copenhagen	Engraved Gem
1,119	Thorvaldsens online	i56	Thorvaldsens Museum, Copenhagen	Ring
1,120	Thorvaldsens online	i109	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC	-100	-1				Carnelian
3rd - 1st century BC	-300	-1				Carnelian
1st century BC	-100	-1				Carnelian
2nd - 1st century BC	-200	-1				Agate
200 - 1 BC	-200	-1				Carnelian
2nd - 1st century BC	-200	-1				Carnelian
1st - 3rd century AD	1	300			Gold	Carnelian
2nd century AD	101	200				Carnelian
1st - 5th century AD	1	500	India			Carnelian
1st - 5th century AD	1	500	India			Carnelian
1st century AD	1	200	India			Carnelian
2nd - 5th century AD	101	500	Rome			Carnelian
2nd century BC - 2nd century AD	-200	200	India	Gudivada		Carnelian
1st century BC	-100	-1				Carnelian
1st century BC - 2nd century AD	-100	200				Carnelian
1st century BC	-100	-1			Brass	Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
late 2nd - 1st century BC	-125	-1	France	Ouveillan		Carnelian
late 2nd - early 1st century BC	-125	-75	Italy			Chalcedony
1st century BC - 1st century AD	-100	100				Carnelian
late 2nd - early 1st century BC	-125	75	France	Rustiques		Carnelian
2nd century AD	101	200	Croatia	Narona		Carnelian
50 - 1 BC	-50	-1				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30			Iron	Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
100 - 30 BC	-100	-30				Carnelian
1st century BC - 1st century AD	-100	100			Gold	Carnelian
1st century BC - 1st century AD	-100	100				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,121	Berlin 2007	37	Staatliche Museen zu Berlin	Engraved Gem
1,122	Ashmolean Online	AN1890.282	Ashmolean Museum	Engraved Gem
1,123	Ashmolean Online	AN1941.259	Ashmolean Museum	Engraved Gem
1,124	Ashmolean Online	AN1941.257	Ashmolean Museum	Engraved Gem
1,125	Ashmolean Online	AN1941.255	Ashmolean Museum	Engraved Gem
1,126	Ashmolean Online	AN1941.539	Ashmolean Museum	Engraved Gem
1,127	Ashmolean Online	AN1941.354	Ashmolean Museum	Engraved Gem
1,128	Ashmolean Online	AN1941.530	Ashmolean Museum	Engraved Gem
1,129	Ashmolean Online	AN1965.363	Ashmolean Museum	Ring
1,130	Ashmolean Online	AN1965.365	Ashmolean Museum	Engraved Gem
1,131	Walters Online	42.1314	Walters Art Museum	Engraved Gem
1,132	AG Vienna	1616	Kunsthistorisches Museum Wien	Engraved Gem
1,133	Walters Online	42.12	Walters Art Museum	Ring
1,134	Walters Online	42.143	Walters Art Museum	Ring
1,135	Marshman 2016	66.13	British Museum	Engraved Gem
1,136	BM online	OA.9794	British Museum	Engraved Gem
1,137	Guiraud 1988/2008	745	Dépôt de fouilles de Magalas	Engraved Gem
1,138	Getty Online	83.AN.437.41	J. Paul Getty Museum	Ring
1,139	Getty Online	84.AN.1.42	J. Paul Getty Museum	Engraved Gem
1,140	Getty Online	85.AN.370.44	J. Paul Getty Museum	Engraved Gem
1,141	Hermitage Online	21448	Hermitage Museum	Engraved Gem
1,142	Hermitage Online	21577	Hermitage Museum	Engraved Gem
1,143	Penn Online	29-128-2115	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,144	Penn Online	29-128-2118	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,145	Penn Online	29-128-2119	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,146	Penn Online	29-128-2121	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,147	Hermitage Online	25072	Hermitage Museum	Engraved Gem
1,148	Penn Online	29-128-2132	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,149	Berlin 2007	203	Staatliche Museen zu Berlin	Engraved Gem
1,150	Berlin 2007	204	Staatliche Museen zu Berlin	Engraved Gem
1,151	Berlin 2007	209	Staatliche Museen zu Berlin	Engraved Gem
1,152	Berlin 2007	257	Staatliche Museen zu Berlin	Engraved Gem
1,153	Berlin 2007	259	Staatliche Museen zu Berlin	Engraved Gem
1,154	Berlin 2007	261	Staatliche Museen zu Berlin	Engraved Gem
1,155	Berlin 2007	262	Staatliche Museen zu Berlin	Engraved Gem
1,156	Berlin 2007	263	Staatliche Museen zu Berlin	Engraved Gem
1,157	Berlin 2007	264	Staatliche Museen zu Berlin	Engraved Gem
1,158	Berlin 2007	265	Staatliche Museen zu Berlin	Engraved Gem
1,159	Berlin 2007	266	Staatliche Museen zu Berlin	Engraved Gem
1,160	AG Vienna	1617	Kunsthistorisches Museum Wien	Engraved Gem
1,161	AG Vienna	1618	Kunsthistorisches Museum Wien	Engraved Gem
1,162	Xanten 1987/1994	45	LVR-Archäologischer Park Xanten	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - early 1st century AD	-10	10				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century AD	1	100				Carnelian
1st century BC	-100	-1			Gold	Carnelian
1st century BC	-100	-1				Carnelian
2nd - 4th century AD	201	400				Jasper (red)
1st century AD	1	100				Carnelian
27 BC - AD 14	-27	14			Gold	Carnelian
1st century BC	-100	-1			Gold	Garnet
1st century BC	-100	-1	Britain	London, Thames		Carnelian
4th century AD	301	400	Syria	Tartus		Carnelian
1st century BC	-100	-1	France	Magalas		Carnelian
3rd century AD	201	300			Silver	Carnelian
1st century AD	1	100				Carnelian
1st century BC	-100	-1	Italy			Chalcedony
1st century BC - 1st century AD	-100	100	Italy	Rome		Amethyst
1st century AD	1	100	Italy	Rome		Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century AD	1	100	Italy	Rome		Amethyst
1st century BC - 3rd century AD	-100	300	Italy	Rome		Amethyst
1st century AD	1	100				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
25 - 50 BC	-50	-25				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
25 - 50 BC	-50	-25				Carnelian
late 2nd - 1st century BC	-125	-1				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
late 1st century BC	-10	-1				Carnelian
25 - 50 BC	-50	-25				Carnelian
early 1st century AD	1	10				Carnelian
3rd century AD	201	300				Carnelian
2nd - 3rd century AD	101	300	Italy	Aquileia		Carnelian
1st century BC	-100	-1	Germany	Fürstenberg And Its Environs		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,163	Xanten 1987/1994	57	LVR-Archäologischer Park Xanten	Engraved Gem
1,164	Xanten 1987/1994	87	LVR-Archäologischer Park Xanten	Engraved Gem
1,165	Xanten 1987/1994	88	LVR-Archäologischer Park Xanten	Engraved Gem
1,166	Xanten 1987/1994	89	LVR-Archäologischer Park Xanten	Engraved Gem
1,167	Xanten 1987/1994	101	LVR-Archäologischer Park Xanten	Engraved Gem
1,168	Xanten 1987/1994	201	LVR-Archäologischer Park Xanten	Engraved Gem
1,169	Xanten 1987/1994	241	LVR-Archäologischer Park Xanten	Engraved Gem
1,170	Guiraud 1988/2008	685	Musée Archéologique, Dijon	Engraved Gem
1,171	Guiraud 1988/2008	780	Musée Archéologique, Dijon	Engraved Gem
1,172	Guiraud 1988/2008	801	Musée Archéologique, Lattes	Ring
1,173	Guiraud 1988/2008	59	Musée Archéologique, Nîmes	Engraved Gem
1,174	Guiraud 1988/2008	192	Musée Archéologique, Saintes	Engraved Gem
1,175	Guiraud 1988/2008	87	Musée des Beaux-Arts et d'Archéologie de Vienne	Ring
1,176	Guiraud 1988/2008	793	Musée gallo-romain de Lyon-Fourvière	Engraved Gem
1,177	Guiraud 1988/2008	663	Musée Gaston Rapin	Engraved Gem
1,178	AGD Hannover	568	Museum August Kestner-Hannover	Engraved Gem
1,179	AGD Hannover	183	Museum August Kestner-Hannover	Engraved Gem
1,180	AGD Hannover	170	Museum August Kestner-Hannover	Engraved Gem
1,181	AGD Hannover	199	Museum August Kestner-Hannover	Engraved Gem
1,182	AGD Hannover	200	Museum August Kestner-Hannover	Engraved Gem
1,183	AGD Hannover	209	Museum August Kestner-Hannover	Engraved Gem
1,184	AGD Hannover	360	Museum August Kestner-Hannover	Engraved Gem
1,185	AGD Hannover	361	Museum August Kestner-Hannover	Engraved Gem
1,186	AGD Hannover	367	Museum August Kestner-Hannover	Engraved Gem
1,187	AGD Hannover	376	Museum August Kestner-Hannover	Engraved Gem
1,188	AGD Hannover	379	Museum August Kestner-Hannover	Engraved Gem
1,189	AGD Hannover	380	Museum August Kestner-Hannover	Engraved Gem
1,190	AGD Hannover	381	Museum August Kestner-Hannover	Engraved Gem
1,191	AGD Hannover	383	Museum August Kestner-Hannover	Engraved Gem
1,192	AGD Hannover	385	Museum August Kestner-Hannover	Engraved Gem
1,193	AGD Hannover	386	Museum August Kestner-Hannover	Engraved Gem
1,194	AGD Hannover	388	Museum August Kestner-Hannover	Engraved Gem
1,195	AGD Hannover	389	Museum August Kestner-Hannover	Engraved Gem
1,196	AGD Hannover	403	Museum August Kestner-Hannover	Engraved Gem
1,197	AGD Hannover	286	Museum August Kestner-Hannover	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1	Germany	Fürstenberg And Its Environs		Carnelian
1st century BC	-100	-1	Germany	Fürstenberg And Its Environs		Carnelian
1st century BC	-100	-1	Germany	Fürstenberg And Its Environs		Carnelian
1st century BC	-100	-1	Germany	Fürstenberg And Its Environs		Carnelian
1st century BC	-100	-1	Germany	Fürstenberg And Its Environs		Carnelian
1st century BC	-100	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century BC	-100	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century BC	-100	-1	France	Mont Beuvray		Carnelian
1st century BC	-100	-1	France	Mont Beuvray		Carnelian
1st century BC	-100	-1	France	Lattes	Iron	Carnelian
1st century BC	-100	-1	France	Nîmes		Carnelian
1st century BC	-100	-1	France	Aulnay-De-Saintonge		Carnelian
1st century BC	-100	-1	France	Vianne	Bronze	Carnelian
1st century BC	-100	-1	France	Lyon		Carnelian
1st century BC	-100	-1	France	Villaneuve-Sur-Lot		Carnelian
60 BC	-60	-60				Sardonyx
1st century BC	-100	-1				Carnelian
1st century AD	1	100				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
50 - 1 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
100 - 50 BC	-100	-50				Sardonyx
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,198	AGD Hannover	404	Museum August Kestner-Hannover	Engraved Gem
1,199	AGD Hannover	405	Museum August Kestner-Hannover	Engraved Gem
1,200	AGD Hannover	410	Museum August Kestner-Hannover	Engraved Gem
1,201	AGD Hannover	411	Museum August Kestner-Hannover	Engraved Gem
1,202	AGD Hannover	412	Museum August Kestner-Hannover	Engraved Gem
1,203	AGD Hannover	413	Museum August Kestner-Hannover	Engraved Gem
1,204	AGD Hannover	414	Museum August Kestner-Hannover	Engraved Gem
1,205	AGD Hannover	415	Museum August Kestner-Hannover	Engraved Gem
1,206	AGD Hannover	417	Museum August Kestner-Hannover	Engraved Gem
1,207	AGD Hannover	420	Museum August Kestner-Hannover	Engraved Gem
1,208	AGD Hannover	421	Museum August Kestner-Hannover	Engraved Gem
1,209	AGD Hannover	422	Museum August Kestner-Hannover	Engraved Gem
1,210	AGD Hannover	423	Museum August Kestner-Hannover	Engraved Gem
1,211	AGD Hannover	424	Museum August Kestner-Hannover	Engraved Gem
1,212	AGD Hannover	425	Museum August Kestner-Hannover	Engraved Gem
1,213	AGD Hannover	461	Museum August Kestner-Hannover	Engraved Gem
1,214	AGD Hannover	463	Museum August Kestner-Hannover	Engraved Gem
1,215	AGD Hannover	468	Museum August Kestner-Hannover	Engraved Gem
1,216	AGD Hannover	474	Museum August Kestner-Hannover	Engraved Gem
1,217	AGD Hannover	520	Museum August Kestner-Hannover	Engraved Gem
1,218	AGD Hannover	479	Museum August Kestner-Hannover	Engraved Gem
1,219	AGD Hannover	478	Museum August Kestner-Hannover	Engraved Gem
1,220	AGD Hannover	476	Museum August Kestner-Hannover	Engraved Gem
1,221	AGD Hannover	475	Museum August Kestner-Hannover	Engraved Gem
1,222	AGD Hannover	433	Museum August Kestner-Hannover	Engraved Gem
1,223	AGD Hannover	149	Museum August Kestner-Hannover	Engraved Gem
1,224	Berlin 2007	54	Staatliche Museen zu Berlin	Engraved Gem
1,225	Berlin 2007	55	Staatliche Museen zu Berlin	Engraved Gem
1,226	MFA online	21.1221	Museum of Fine Arts, Boston	Engraved Gem
1,227	MFA online	23.591	Museum of Fine Arts, Boston	Engraved Gem
1,228	MFA online	27.715	Museum of Fine Arts, Boston	Engraved Gem
1,229	MFA online	27.716	Museum of Fine Arts, Boston	Engraved Gem
1,230	MFA online	27.727	Museum of Fine Arts, Boston	Engraved Gem
1,231	MFA online	27.738	Museum of Fine Arts, Boston	Engraved Gem
1,232	MFA online	27.742	Museum of Fine Arts, Boston	Engraved Gem
1,233	MFA online	27.745	Museum of Fine Arts, Boston	Engraved Gem
1,234	MFA online	27.746	Museum of Fine Arts, Boston	Engraved Gem
1,235	MFA online	27.753	Museum of Fine Arts, Boston	Engraved Gem
1,236	Marshman 2016	44.03	Private Collection	Ring
1,237	Guiraud 1988/2008	769	Private Collection	Engraved Gem
1,238	RMO online	GS-00196	National Museum of Antiquities, Leiden	Engraved Gem
1,239	RMO online	GS-00197	National Museum of Antiquities, Leiden	Engraved Gem
1,240	RMO online	GS-00200	National Museum of Antiquities, Leiden	Engraved Gem
1,241	RMO online	GS-00208	National Museum of Antiquities, Leiden	Engraved Gem
1,242	RMO online	GS-00209	National Museum of Antiquities, Leiden	Ring
1,243	RMO online	GS-00210	National Museum of Antiquities, Leiden	Engraved Gem
1,244	RMO online	GS-00212	National Museum of Antiquities, Leiden	Engraved Gem
1,245	RMO online	GS-00213	National Museum of Antiquities, Leiden	Ring
1,246	RMO online	GS-00214	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
early 1st century BC	-100	-75				Carnelian
2nd half of the 1st century BC	-50	-1				Carnelian
2nd half of the 1st century BC	-50	-1				Chrysoprase
2nd half of the 1st century BC	-50	-1				Carnelian
2nd half of the 1st century BC	-50	-1				Carnelian
2nd half of the 1st century BC	-50	-1				Carnelian
2nd half of the 1st century BC	-50	-1				Carnelian
2nd half of the 1st century BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
2nd half of the 1st century BC	-50	-1				Carnelian
2nd half of the 1st century BC	-50	-1				Chrysoprase
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Jasper (black)
1st century BC	-100	-1				Chalcedony
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Jasper (black)
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC	-100	-1	Britain	Waddon Hill	Iron	Carnelian
1st century BC	-100	-1	France	Gergovie		Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1			Gold	Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1			Gold	Carnelian
1st century BC	-100	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,247	RMO online	GS-00228	National Museum of Antiquities, Leiden	Engraved Gem
1,248	RMO online	GS-00232	National Museum of Antiquities, Leiden	Engraved Gem
1,249	RMO online	GS-00282	National Museum of Antiquities, Leiden	Engraved Gem
1,250	RMO online	GS-00284	National Museum of Antiquities, Leiden	Engraved Gem
1,251	RMO online	GS-00286	National Museum of Antiquities, Leiden	Engraved Gem
1,252	RMO online	GS-00287	National Museum of Antiquities, Leiden	Engraved Gem
1,253	RMO online	GS-00288	National Museum of Antiquities, Leiden	Engraved Gem
1,254	RMO online	GS-00289	National Museum of Antiquities, Leiden	Engraved Gem
1,255	RMO online	GS-00293	National Museum of Antiquities, Leiden	Engraved Gem
1,256	RMO online	GS-00295	National Museum of Antiquities, Leiden	Engraved Gem
1,257	RMO online	GS-00297	National Museum of Antiquities, Leiden	Engraved Gem
1,258	RMO online	GS-00299	National Museum of Antiquities, Leiden	Engraved Gem
1,259	RMO online	GS-00302	National Museum of Antiquities, Leiden	Engraved Gem
1,260	RMO online	GS-00304	National Museum of Antiquities, Leiden	Engraved Gem
1,261	RMO online	GS-00316	National Museum of Antiquities, Leiden	Engraved Gem
1,262	RMO online	GS-00321	National Museum of Antiquities, Leiden	Engraved Gem
1,263	RMO online	GS-00323	National Museum of Antiquities, Leiden	Engraved Gem
1,264	RMO online	GS-00363	National Museum of Antiquities, Leiden	Engraved Gem
1,265	Guiraud 1988/2008	30	Palais des Archevêques de Narbonne	Engraved Gem
1,266	Guiraud 1988/2008	189	Palais des Archevêques de Narbonne	Engraved Gem
1,267	Guiraud 1988/2008	664	Palais des Archevêques de Narbonne	Engraved Gem
1,268	Guiraud 1988/2008	464	Private Collection	Engraved Gem
1,269	Guiraud 1988/2008	690	Private Collection	Engraved Gem
1,270	Guiraud 1988/2008	863	Private Collection	Engraved Gem
1,271	AG Munich	1025	Staatliche Antikensammlungen, Munich	Engraved Gem
1,272	AG Munich	1003	Staatliche Antikensammlungen, Munich	Engraved Gem
1,273	AG Munich	1010	Staatliche Antikensammlungen, Munich	Engraved Gem
1,274	AG Munich	1012	Staatliche Antikensammlungen, Munich	Engraved Gem
1,275	AG Munich	1013	Staatliche Antikensammlungen, Munich	Engraved Gem
1,276	AG Munich	1016	Staatliche Antikensammlungen, Munich	Engraved Gem
1,277	AG Munich	1018	Staatliche Antikensammlungen, Munich	Engraved Gem
1,278	AG Munich	1019	Staatliche Antikensammlungen, Munich	Engraved Gem
1,279	AG Munich	1020	Staatliche Antikensammlungen, Munich	Engraved Gem
1,280	AG Munich	1021	Staatliche Antikensammlungen, Munich	Engraved Gem
1,281	AG Munich	1022	Staatliche Antikensammlungen, Munich	Engraved Gem
1,282	AG Munich	1023	Staatliche Antikensammlungen, Munich	Engraved Gem
1,283	AG Munich	1024	Staatliche Antikensammlungen, Munich	Engraved Gem
1,284	AG Munich	1026	Staatliche Antikensammlungen, Munich	Engraved Gem
1,285	AG Munich	1027	Staatliche Antikensammlungen, Munich	Engraved Gem
1,286	AG Munich	1028	Staatliche Antikensammlungen, Munich	Engraved Gem
1,287	AG Munich	2184	Staatliche Antikensammlungen, Munich	Engraved Gem
1,288	AG Munich	2191	Staatliche Antikensammlungen, Munich	Engraved Gem
1,289	AG Munich	2192	Staatliche Antikensammlungen, Munich	Engraved Gem
1,290	AG Munich	2209	Staatliche Antikensammlungen, Munich	Engraved Gem
1,291	AG Munich	2221	Staatliche Antikensammlungen, Munich	Engraved Gem
1,292	AG Munich	2223	Staatliche Antikensammlungen, Munich	Engraved Gem
1,293	AG Munich	2225	Staatliche Antikensammlungen, Munich	Engraved Gem
1,294	AG Munich	2266	Staatliche Antikensammlungen, Munich	Engraved Gem
1,295	AG Munich	2267	Staatliche Antikensammlungen, Munich	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,296	AG Munich	618	Staatliche Antikensammlungen, Munich	Engraved Gem
1,297	AG Munich	619	Staatliche Antikensammlungen, Munich	Engraved Gem
1,298	AG Munich	878	Staatliche Antikensammlungen, Munich	Engraved Gem
1,299	AG Munich	880	Staatliche Antikensammlungen, Munich	Engraved Gem
1,300	AG Munich	894	Staatliche Antikensammlungen, Munich	Engraved Gem
1,301	AG Munich	895	Staatliche Antikensammlungen, Munich	Engraved Gem
1,302	AG Munich	901	Staatliche Antikensammlungen, Munich	Engraved Gem
1,303	AG Munich	904	Staatliche Antikensammlungen, Munich	Engraved Gem
1,304	AG Munich	905	Staatliche Antikensammlungen, Munich	Engraved Gem
1,305	AG Munich	906	Staatliche Antikensammlungen, Munich	Engraved Gem
1,306	AG Munich	908	Staatliche Antikensammlungen, Munich	Engraved Gem
1,307	AG Munich	917	Staatliche Antikensammlungen, Munich	Engraved Gem
1,308	AG Munich	920	Staatliche Antikensammlungen, Munich	Engraved Gem
1,309	AG Munich	921	Staatliche Antikensammlungen, Munich	Engraved Gem
1,310	AG Munich	923	Staatliche Antikensammlungen, Munich	Engraved Gem
1,311	AG Munich	931	Staatliche Antikensammlungen, Munich	Engraved Gem
1,312	AG Munich	944	Staatliche Antikensammlungen, Munich	Engraved Gem
1,313	AG Munich	950	Staatliche Antikensammlungen, Munich	Engraved Gem
1,314	AG Munich	960	Staatliche Antikensammlungen, Munich	Engraved Gem
1,315	AG Munich	967	Staatliche Antikensammlungen, Munich	Engraved Gem
1,316	AG Munich	2195	Staatliche Antikensammlungen, Munich	Engraved Gem
1,317	AG Munich	2263	Staatliche Antikensammlungen, Munich	Engraved Gem
1,318	AG Munich	608	Staatliche Antikensammlungen, Munich	Engraved Gem
1,319	AG Munich	981	Staatliche Antikensammlungen, Munich	Engraved Gem
1,320	AG Munich	982	Staatliche Antikensammlungen, Munich	Engraved Gem
1,321	AG Munich	971	Staatliche Antikensammlungen, Munich	Engraved Gem
1,322	AG Munich	973	Staatliche Antikensammlungen, Munich	Engraved Gem
1,323	AG Munich	974	Staatliche Antikensammlungen, Munich	Engraved Gem
1,324	AG Munich	975	Staatliche Antikensammlungen, Munich	Engraved Gem
1,325	AG Munich	958	Staatliche Antikensammlungen, Munich	Engraved Gem
1,326	AG Munich	936	Staatliche Antikensammlungen, Munich	Engraved Gem
1,327	AG Munich	938	Staatliche Antikensammlungen, Munich	Engraved Gem
1,328	AG Munich	614	Staatliche Antikensammlungen, Munich	Engraved Gem
1,329	AG Munich	945	Staatliche Antikensammlungen, Munich	Engraved Gem
1,330	AG Munich	2175	Staatliche Antikensammlungen, Munich	Engraved Gem
1,331	AG Munich	2176	Staatliche Antikensammlungen, Munich	Engraved Gem
1,332	Chabouillet 1858	Camée.21 Number of deposit: Chabouillet.33	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem
1,333	AG Munich	2177	Staatliche Antikensammlungen, Munich	Engraved Gem
1,334	AG Munich	2171	Staatliche Antikensammlungen, Munich	Engraved Gem
1,335	AG Munich	2178	Staatliche Antikensammlungen, Munich	Engraved Gem
1,336	AG Munich	2179	Staatliche Antikensammlungen, Munich	Engraved Gem
1,337	AG Munich	2180	Staatliche Antikensammlungen, Munich	Engraved Gem
1,338	AG Munich	2183	Staatliche Antikensammlungen, Munich	Engraved Gem
1,339	AG Munich	2186	Staatliche Antikensammlungen, Munich	Engraved Gem
1,340	AG Munich	2185	Staatliche Antikensammlungen, Munich	Engraved Gem
1,341	AG Munich	2202	Staatliche Antikensammlungen, Munich	Engraved Gem
1,342	AG Munich	2201	Staatliche Antikensammlungen, Munich	Engraved Gem
1,343	AG Munich	2203	Staatliche Antikensammlungen, Munich	Engraved Gem
1,344	AG Munich	993	Staatliche Antikensammlungen, Munich	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,345	AG Munich	866	Staatliche Antikensammlungen, Munich	Engraved Gem
1,346	AG Munich	994	Staatliche Antikensammlungen, Munich	Engraved Gem
1,347	AG Munich	946	Staatliche Antikensammlungen, Munich	Engraved Gem
1,348	AG Munich	929	Staatliche Antikensammlungen, Munich	Engraved Gem
1,349	AG Munich	624	Staatliche Antikensammlungen, Munich	Engraved Gem
1,350	AG Munich	991	Staatliche Antikensammlungen, Munich	Engraved Gem
1,351	AG Munich	992	Staatliche Antikensammlungen, Munich	Engraved Gem
1,352	AG Munich	2193	Staatliche Antikensammlungen, Munich	Engraved Gem
1,353	AG Munich	2194	Staatliche Antikensammlungen, Munich	Engraved Gem
1,354	AG Munich	2196	Staatliche Antikensammlungen, Munich	Engraved Gem
1,355	AG Munich	1004	Staatliche Antikensammlungen, Munich	Engraved Gem
1,356	AG Munich	2199	Staatliche Antikensammlungen, Munich	Engraved Gem
1,357	AG Munich	1005	Staatliche Antikensammlungen, Munich	Engraved Gem
1,358	AG Munich	952	Staatliche Antikensammlungen, Munich	Engraved Gem
1,359	Chabouillet 1858	Camée.23 Number of deposit: Chabouillet.30	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem
1,360	AG Munich	2205	Staatliche Antikensammlungen, Munich	Engraved Gem
1,361	AG Munich	2206	Staatliche Antikensammlungen, Munich	Engraved Gem
1,362	AG Munich	613	Staatliche Antikensammlungen, Munich	Engraved Gem
1,363	AG Munich	947	Staatliche Antikensammlungen, Munich	Engraved Gem
1,364	AG Munich	2269	Staatliche Antikensammlungen, Munich	Engraved Gem
1,365	AG Munich	2214	Staatliche Antikensammlungen, Munich	Engraved Gem
1,366	AG Munich	2215	Staatliche Antikensammlungen, Munich	Engraved Gem
1,367	AG Munich	2207	Staatliche Antikensammlungen, Munich	Engraved Gem
1,368	AG Munich	2208	Staatliche Antikensammlungen, Munich	Engraved Gem
1,369	Chabouillet 1858	Camée.19 Number of deposit: Chabouillet.28	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem
1,370	AG Munich	995	Staatliche Antikensammlungen, Munich	Engraved Gem
1,371	AG Munich	2204	Staatliche Antikensammlungen, Munich	Engraved Gem
1,372	AG Munich	2213	Staatliche Antikensammlungen, Munich	Engraved Gem
1,373	AG Munich	2212	Staatliche Antikensammlungen, Munich	Engraved Gem
1,374	AG Munich	2216	Staatliche Antikensammlungen, Munich	Engraved Gem
1,375	AG Munich	997	Staatliche Antikensammlungen, Munich	Engraved Gem
1,376	AG Munich	998	Staatliche Antikensammlungen, Munich	Engraved Gem
1,377	AG Munich	999	Staatliche Antikensammlungen, Munich	Engraved Gem
1,378	AG Munich	1000	Staatliche Antikensammlungen, Munich	Engraved Gem
1,379	AG Munich	1001	Staatliche Antikensammlungen, Munich	Engraved Gem
1,380	AG Munich	1002	Staatliche Antikensammlungen, Munich	Engraved Gem
1,381	AG Munich	2244	Staatliche Antikensammlungen, Munich	Engraved Gem
1,382	AG Munich	932	Staatliche Antikensammlungen, Munich	Engraved Gem
1,383	AG Munich	961	Staatliche Antikensammlungen, Munich	Engraved Gem
1,384	AG Munich	962	Staatliche Antikensammlungen, Munich	Engraved Gem
1,385	AG Munich	933	Staatliche Antikensammlungen, Munich	Engraved Gem
1,386	AG Munich	799	Staatliche Antikensammlungen, Munich	Engraved Gem
1,387	AG Munich	963	Staatliche Antikensammlungen, Munich	Engraved Gem
1,388	AG Munich	2264	Staatliche Antikensammlungen, Munich	Engraved Gem
1,389	AG Munich	2265	Staatliche Antikensammlungen, Munich	Engraved Gem
1,390	AG Munich	2187	Staatliche Antikensammlungen, Munich	Engraved Gem
1,391	AG Munich	2188	Staatliche Antikensammlungen, Munich	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,392	AG Munich	2231	Staatliche Antikensammlungen, Munich	Engraved Gem
1,393	AG Munich	2233	Staatliche Antikensammlungen, Munich	Engraved Gem
1,394	AG Munich	2234	Staatliche Antikensammlungen, Munich	Engraved Gem
1,395	AG Munich	2230	Staatliche Antikensammlungen, Munich	Engraved Gem
1,396	AG Munich	2332	Staatliche Antikensammlungen, Munich	Engraved Gem
1,397	AG Munich	949	Staatliche Antikensammlungen, Munich	Engraved Gem
1,398	AG Munich	631	Staatliche Antikensammlungen, Munich	Engraved Gem
1,399	AG Munich	990	Staatliche Antikensammlungen, Munich	Engraved Gem
1,400	AG Munich	2237	Staatliche Antikensammlungen, Munich	Engraved Gem
1,401	AG Munich	2239	Staatliche Antikensammlungen, Munich	Engraved Gem
1,402	AG Munich	2240	Staatliche Antikensammlungen, Munich	Engraved Gem
1,403	AG Munich	2241	Staatliche Antikensammlungen, Munich	Engraved Gem
1,404	AG Munich	2242	Staatliche Antikensammlungen, Munich	Engraved Gem
1,405	AG Munich	2250	Staatliche Antikensammlungen, Munich	Engraved Gem
1,406	AG Munich	2246	Staatliche Antikensammlungen, Munich	Engraved Gem
1,407	AG Munich	884	Staatliche Antikensammlungen, Munich	Engraved Gem
1,408	AG Munich	885	Staatliche Antikensammlungen, Munich	Engraved Gem
1,409	AG Munich	887	Staatliche Antikensammlungen, Munich	Engraved Gem
1,410	AG Munich	881	Staatliche Antikensammlungen, Munich	Engraved Gem
1,411	AG Munich	2262	Staatliche Antikensammlungen, Munich	Engraved Gem
1,412	AG Munich	876	Staatliche Antikensammlungen, Munich	Engraved Gem
1,413	AG Munich	627	Staatliche Antikensammlungen, Munich	Engraved Gem
1,414	AG Munich	900	Staatliche Antikensammlungen, Munich	Engraved Gem
1,415	AG Munich	891	Staatliche Antikensammlungen, Munich	Engraved Gem
1,416	AG Munich	892	Staatliche Antikensammlungen, Munich	Engraved Gem
1,417	AG Munich	912	Staatliche Antikensammlungen, Munich	Engraved Gem
1,418	AG Munich	2222	Staatliche Antikensammlungen, Munich	Engraved Gem
1,419	AG Munich	2217	Staatliche Antikensammlungen, Munich	Engraved Gem
1,420	AG Munich	2190	Staatliche Antikensammlungen, Munich	Engraved Gem
1,421	AG Munich	1014	Staatliche Antikensammlungen, Munich	Engraved Gem
1,422	AG Munich	928	Staatliche Antikensammlungen, Munich	Engraved Gem
1,423	AG Munich	930	Staatliche Antikensammlungen, Munich	Engraved Gem
1,424	Berlin 2007	57	Staatliche Museen zu Berlin	Ring
1,425	Berlin 2007	58	Staatliche Museen zu Berlin	Engraved Gem
1,426	Berlin 2007	60	Staatliche Museen zu Berlin	Engraved Gem
1,427	Berlin 2007	64	Staatliche Museen zu Berlin	Engraved Gem
1,428	Berlin 2007	72	Staatliche Museen zu Berlin	Engraved Gem
1,429	Berlin 2007	74	Staatliche Museen zu Berlin	Engraved Gem
1,430	Wright 2001	30	Wright Collection	Engraved Gem
1,431	Wright 2001	37	Wright Collection	Engraved Gem
1,432	Wright 2001	38	Wright Collection	Engraved Gem
1,433	Hermitage Online	24136	Hermitage Museum	Ring
1,434	Penn Online	29-128-2124	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,435	Penn Online	29-128-2034	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,436	Penn Online	29-128-2131	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem
1,437	Walters Online	42.474	Walters Art Museum	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1	Greece	Troas		Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1	Greece	Athens		Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1	

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,438	Getty Online	81.AN.39.3	J. Paul Getty Museum	Engraved Gem
1,439	Getty Online	84.AN.1.60	J. Paul Getty Museum	Ring
1,440	Getty Online	84.AN.1.82	J. Paul Getty Museum	Engraved Gem
1,441	Getty Online	83.AN.256.8	J. Paul Getty Museum	Engraved Gem
1,442	Getty Online	84.AN.991	J. Paul Getty Museum	Engraved Gem
1,443	Walters Online	42.1186	Walters Art Museum	Ring
1,444	Walters Online	42.112	Walters Art Museum	Engraved Gem
1,445	Walters Online	42.959	Walters Art Museum	Engraved Gem
1,446	Getty Online	83.AN.437.33	J. Paul Getty Museum	Engraved Gem
1,447	Hendler 2016	9	Hendler Collection	Engraved Gem
1,448	AG Vienna	1654	Kunsthistorisches Museum Wien	Engraved Gem
1,449	AG Vienna	1662	Kunsthistorisches Museum Wien	Engraved Gem
1,450	AG Vienna	1676	Kunsthistorisches Museum Wien	Engraved Gem
1,451	AG Vienna	1691	Kunsthistorisches Museum Wien	Engraved Gem
1,452	Hermitage 1975	107	State Hermitage Museum	Engraved Gem
1,453	Berlin 2007	351	Staatliche Museen zu Berlin	Engraved Gem
1,454	Met Online	74.51.3936	Metropolitan Museum of Art, New York	Earring
1,455	Guiraud 1988/2008	758	Musée Bertrand	Engraved Gem
1,456	Naples 1994	156 (inv. 26022/188)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,457	Naples 1994	169 (inv. 27175/1314)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,458	Naples 1994	231 (inv. 25881/49)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,459	Naples 1994	242 (inv. 26075/237)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,460	Naples 1994	264 (inv. 25922/89)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,461	Naples 1994	75 (inv. 27127/1266)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,462	Naples 1994	78 (inv. 26067/229)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,463	Naples 1994	84 (inv. 26695/856)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,464	Naples 1994	93 (inv. 26064/226)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,465	Naples 1994	103 (inv. 26231/392)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,466	Naples 1994	122 (inv. 26442/603)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,467	Naples 1994	127 (inv. 26051/213)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,468	Naples 1994	128 (inv. 26086/248)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,469	Naples 1994	129 (inv. 27159/1298)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,470	Naples 1994	131 (inv. 26145/307 bis)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,471	Naples 1994	137 (inv. 26686/847)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,472	Naples 1994	139 (inv. 27312/1450)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2nd century AD	101	200				Jasper (bloodstone)
AD 200	200	200			Silver	Jasper (Red)
2nd - 4th century AD	101	400				Jasper (bloodstone)
AD 150 - 225	150	225				Sardonyx
3rd century AD	201	300				Carnelian
1st century BC - 1st century AD	-100	100			Gold	Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100	Israel	Caesarea		Carnelian
AD 125 - 150	125	150	Italy	Rome		Carnelian
2nd century AD	101	200	Italy	Rome		Carnelian
2nd - 3rd century AD	101	300	Italy	Rome		Carnelian
3rd century AD	201	300	Italy	Rome		Carnelian
1st century BC - 1st century AD	-100	100	Italy	Rome		Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
1st century BC - 2nd century AD	-100	100			Gold	Agate
1st century BC - 1st century AD	-100	100	France	Indre		Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,473	Naples 1994	141 (inv. 26515/676)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,474	Naples 1994	144 (inv. 26764/398 ori)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,475	Naples 1994	145 (inv. 27244/1382)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,476	Naples 1994	147 (inv. 27323/1461)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,477	Naples 1994	151 (inv. 26207/368)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,478	Naples 1994	152 (inv. 26400/561)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,479	Naples 1994	170 (inv. 26719/880)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,480	Naples 1994	171 (inv. 27278/1416)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,481	Naples 1994	181 (inv. 26045/207)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,482	Naples 1994	183 (inv. 26092/254)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,483	Naples 1994	184 (inv. 26047/209)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,484	Naples 1994	191 (inv. 26498/659)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,485	Naples 1994	197 (inv. 26131/293)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,486	Naples 1994	199 (inv. 27183/1322)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,487	Naples 1994	206 (inv. 26094/256)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,488	Naples 1994	208 (inv. 26069/231)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,489	Naples 1994	217 (inv. 27314/1452)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,490	Naples 1994	224 (inv. 27251/1389)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,491	Naples 1994	225 (inv. 26080/242)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,492	Naples 1994	229 (inv. 27164/1303)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,493	Naples 1994	239 (inv. 27247/1385)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,494	Naples 1994	241 (inv. 26605/766)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,495	Naples 1994	251 (inv. 26700/861)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,496	Naples 1994	257 (inv. 26563/724)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,497	Naples 1994	260 (inv. 26601/762)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,498	Naples 1994	261 (inv. 26601/762)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,499	Naples 1994	262 (inv.26465/626)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,500	Naples 1994	266 (inv. 27142/1281)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,501	Naples 1994	281 (inv. 27265/1403)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,502	Naples 1994	283 (inv. 27157/1296)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,503	Naples 1994	296 (inv.26611/772)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,504	Naples 1994	302 (inv. 26999/1154)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,505	Naples 1994	307 (inv. 26627/788)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,506	AGD Hannover	285	Museum August Kestner-Hannover	Engraved Gem
1,507	AGD Hannover	426	Museum August Kestner-Hannover	Engraved Gem
1,508	AGD Hannover	427	Museum August Kestner-Hannover	Engraved Gem
1,509	AGD Hannover	428	Museum August Kestner-Hannover	Engraved Gem
1,510	AGD Hannover	429	Museum August Kestner-Hannover	Engraved Gem
1,511	AGD Hannover	271	Museum August Kestner-Hannover	Engraved Gem
1,512	MFA online	27.755	Museum of Fine Arts, Boston	Engraved Gem
1,513	MFA online	27.778	Museum of Fine Arts, Boston	Engraved Gem
1,514	Guiraud 1988/2008	683	Private Collection	Ring
1,515	RMO online	GS-00237	National Museum of Antiquities, Leiden	Engraved Gem
1,516	RMO online	GS-01171	National Museum of Antiquities, Leiden	Engraved Gem
1,517	Guiraud 1988/2008	936	Private Collection	Engraved Gem
1,518	AG Munich	2340	Staatliche Antikensammlungen, Munich	Engraved Gem
1,519	AG Munich	2279	Staatliche Antikensammlungen, Munich	Engraved Gem
1,520	AG Munich	2283	Staatliche Antikensammlungen, Munich	Engraved Gem
1,521	AG Munich	2285	Staatliche Antikensammlungen, Munich	Engraved Gem
1,522	AG Munich	2287	Staatliche Antikensammlungen, Munich	Engraved Gem
1,523	AG Munich	2306	Staatliche Antikensammlungen, Munich	Engraved Gem
1,524	AG Munich	2294	Staatliche Antikensammlungen, Munich	Engraved Gem
1,525	AG Munich	2296	Staatliche Antikensammlungen, Munich	Engraved Gem
1,526	AG Munich	2297	Staatliche Antikensammlungen, Munich	Engraved Gem
1,527	AG Munich	2345	Staatliche Antikensammlungen, Munich	Engraved Gem
1,528	AG Munich	2308	Staatliche Antikensammlungen, Munich	Engraved Gem
1,529	AG Munich	2309	Staatliche Antikensammlungen, Munich	Engraved Gem
1,530	AG Munich	2311	Staatliche Antikensammlungen, Munich	Engraved Gem
1,531	AG Munich	2312	Staatliche Antikensammlungen, Munich	Engraved Gem
1,532	AG Munich	2316	Staatliche Antikensammlungen, Munich	Engraved Gem
1,533	AG Munich	2318	Staatliche Antikensammlungen, Munich	Engraved Gem
1,534	AG Munich	2321	Staatliche Antikensammlungen, Munich	Engraved Gem
1,535	AG Munich	2324	Staatliche Antikensammlungen, Munich	Engraved Gem
1,536	AG Munich	2329	Staatliche Antikensammlungen, Munich	Engraved Gem
1,537	AG Munich	2282	Staatliche Antikensammlungen, Munich	Engraved Gem
1,538	AG Munich	2333	Staatliche Antikensammlungen, Munich	Engraved Gem
1,539	AG Munich	2341	Staatliche Antikensammlungen, Munich	Engraved Gem
1,540	AG Munich	2342	Staatliche Antikensammlungen, Munich	Engraved Gem
1,541	AG Munich	2272	Staatliche Antikensammlungen, Munich	Engraved Gem
1,542	AG Munich	2350	Staatliche Antikensammlungen, Munich	Engraved Gem
1,543	AG Munich	2354	Staatliche Antikensammlungen, Munich	Engraved Gem
1,544	AG Munich	2357	Staatliche Antikensammlungen, Munich	Engraved Gem
1,545	AG Munich	2370	Staatliche Antikensammlungen, Munich	Engraved Gem
1,546	AG Munich	2372	Staatliche Antikensammlungen, Munich	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
100 - 50 BC	-100	-50				Sardonyx
1st century BC - 1st century AD	-100	100				Carnelian
2nd half of the 1st century BC	-50	-1				Carnelian
100 - 50 BC	-100	-50				Sardonyx
early 1st century BC	-100	-75				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC - 1st century AD	-100	100	France	Strasbourg	Gold	Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100	France	Clermont-L'Hérault		Carnelian
1st century BC - 1st century AD	-100	100	Libya	Derna		Carnelian
1st century BC - 1st century AD	-100	100	

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,547	AG Munich	2375	Staatliche Antikensammlungen, Munich	Engraved Gem
1,548	AG Munich	2378	Staatliche Antikensammlungen, Munich	Engraved Gem
1,549	AG Munich	2383	Staatliche Antikensammlungen, Munich	Engraved Gem
1,550	AG Munich	2269	Staatliche Antikensammlungen, Munich	Engraved Gem
1,551	AG Munich	2396	Staatliche Antikensammlungen, Munich	Engraved Gem
1,552	AG Munich	2400	Staatliche Antikensammlungen, Munich	Engraved Gem
1,553	AG Munich	2402	Staatliche Antikensammlungen, Munich	Engraved Gem
1,554	AG Munich	2407	Staatliche Antikensammlungen, Munich	Engraved Gem
1,555	AG Munich	2408	Staatliche Antikensammlungen, Munich	Engraved Gem
1,556	AG Munich	2410	Staatliche Antikensammlungen, Munich	Engraved Gem
1,557	AG Munich	2415	Staatliche Antikensammlungen, Munich	Engraved Gem
1,558	AG Munich	2418	Staatliche Antikensammlungen, Munich	Engraved Gem
1,559	AG Munich	2422	Staatliche Antikensammlungen, Munich	Engraved Gem
1,560	AG Munich	2426	Staatliche Antikensammlungen, Munich	Engraved Gem
1,561	AG Munich	2430	Staatliche Antikensammlungen, Munich	Engraved Gem
1,562	AG Munich	2435	Staatliche Antikensammlungen, Munich	Engraved Gem
1,563	AG Munich	2437	Staatliche Antikensammlungen, Munich	Engraved Gem
1,564	V&A online	577-1871	Victoria & Albert Museum	Engraved Gem
1,565	Naples 1983	131 (inv. 161593)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,566	Naples 1983	42 (inv. 27665)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,567	Naples 1983	118 (inv. 161592)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,568	Naples 1983	149 (inv. 126776)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,569	Naples 1983	290 (inv. 161594)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,570	de Clercq 1891-1912	2966	Musée du Louvre	Ring
1,571	de Clercq 1891-1912	2905	Musée du Louvre	Engraved Gem
1,572	de Clercq 1891-1912	2888	Musée du Louvre	Engraved Gem
1,573	de Clercq 1891-1912	2889	Musée du Louvre	Engraved Gem
1,574	de Clercq 1891-1912	2890	Musée du Louvre	Ring
1,575	de Clercq 1891-1912	2897	Musée du Louvre	Engraved Gem
1,576	de Clercq 1891-1912	2899	Musée du Louvre	Engraved Gem
1,577	de Clercq 1891-1912	2901	Musée du Louvre	Engraved Gem
1,578	de Clercq 1891-1912	2902	Musée du Louvre	Engraved Gem
1,579	de Clercq 1891-1912	2930	Musée du Louvre	Ring
1,580	de Clercq 1891-1912	2908	Musée du Louvre	Engraved Gem
1,581	de Clercq 1891-1912	2913	Musée du Louvre	Engraved Gem
1,582	de Clercq 1891-1912	2914	Musée du Louvre	Engraved Gem
1,583	de Clercq 1891-1912	2920	Musée du Louvre	Engraved Gem
1,584	de Clercq 1891-1912	2932	Musée du Louvre	Engraved Gem
1,585	de Clercq 1891-1912	2931	Musée du Louvre	Engraved Gem
1,586	de Clercq 1891-1912	2949	Musée du Louvre	Engraved Gem
1,587	de Clercq 1891-1912	2940	Musée du Louvre	Engraved Gem
1,588	de Clercq 1891-1912	2946	Musée du Louvre	Engraved Gem
1,589	de Clercq 1891-1912	2957	Musée du Louvre	Engraved Gem
1,590	de Clercq 1891-1912	2955	Musée du Louvre	Engraved Gem
1,591	de Clercq 1891-1912	2962	Musée du Louvre	Ring
1,592	de Clercq 1891-1912	2961	Musée du Louvre	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
200 BC - AD 50	-200	50				Carnelian
1st century BC - 3rd century AD	-100	300	Italy	Cumae		Carnelian
1st century BC - 3rd century AD	-100	300	Italy	Sant' Angelo In Formis		Carnelian
1st century BC - 3rd century AD	-100	300	Italy	Cumae		Carnelian
1st century BC - 3rd century AD	-100	300	Italy	Cumae		Carnelian
1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,593	de Clercq 1891-1912	3132	Musée du Louvre	Ring
1,594	de Clercq 1891-1912	2985	Musée du Louvre	Engraved Gem
1,595	de Clercq 1891-1912	2967	Musée du Louvre	Ring
1,596	de Clercq 1891-1912	2968	Musée du Louvre	Ring
1,597	de Clercq 1891-1912	2995	Musée du Louvre	Engraved Gem
1,598	de Clercq 1891-1912	2989	Musée du Louvre	Engraved Gem
1,599	de Clercq 1891-1912	3022	Musée du Louvre	Engraved Gem
1,600	de Clercq 1891-1912	2999	Musée du Louvre	Engraved Gem
1,601	de Clercq 1891-1912	3000	Musée du Louvre	Engraved Gem
1,602	de Clercq 1891-1912	3012	Musée du Louvre	Ring
1,603	de Clercq 1891-1912	3026	Musée du Louvre	Engraved Gem
1,604	de Clercq 1891-1912	3023	Musée du Louvre	Engraved Gem
1,605	de Clercq 1891-1912	3024	Musée du Louvre	Engraved Gem
1,606	de Clercq 1891-1912	3057	Musée du Louvre	Engraved Gem
1,607	de Clercq 1891-1912	3031	Musée du Louvre	Engraved Gem
1,608	de Clercq 1891-1912	3042	Musée du Louvre	Engraved Gem
1,609	de Clercq 1891-1912	3046	Musée du Louvre	Ring
1,610	de Clercq 1891-1912	3049	Musée du Louvre	Engraved Gem
1,611	de Clercq 1891-1912	3052	Musée du Louvre	Engraved Gem
1,612	de Clercq 1891-1912	3054	Musée du Louvre	Engraved Gem
1,613	de Clercq 1891-1912	3067	Musée du Louvre	Engraved Gem
1,614	de Clercq 1891-1912	3059	Musée du Louvre	Engraved Gem
1,615	de Clercq 1891-1912	3062	Musée du Louvre	Engraved Gem
1,616	de Clercq 1891-1912	3081	Musée du Louvre	Engraved Gem
1,617	de Clercq 1891-1912	3073	Musée du Louvre	Ring
1,618	de Clercq 1891-1912	3076	Musée du Louvre	Ring
1,619	de Clercq 1891-1912	3084	Musée du Louvre	Ring
1,620	de Clercq 1891-1912	3087	Musée du Louvre	Engraved Gem
1,621	de Clercq 1891-1912	3085	Musée du Louvre	Engraved Gem
1,622	de Clercq 1891-1912	3110	Musée du Louvre	Engraved Gem
1,623	de Clercq 1891-1912	3099	Musée du Louvre	Ring
1,624	de Clercq 1891-1912	3100	Musée du Louvre	Ring
1,625	de Clercq 1891-1912	3103	Musée du Louvre	Engraved Gem
1,626	de Clercq 1891-1912	3108	Musée du Louvre	Engraved Gem
1,627	de Clercq 1891-1912	3114	Musée du Louvre	Engraved Gem
1,628	de Clercq 1891-1912	3120	Musée du Louvre	Engraved Gem
1,629	de Clercq 1891-1912	3117	Musée du Louvre	Engraved Gem
1,630	de Clercq 1891-1912	3124	Musée du Louvre	Ring
1,631	de Clercq 1891-1912	3149	Musée du Louvre	Engraved Gem
1,632	de Clercq 1891-1912	3127	Musée du Louvre	Ring
1,633	de Clercq 1891-1912	3134	Musée du Louvre	Engraved Gem
1,634	de Clercq 1891-1912	3139	Musée du Louvre	Engraved Gem
1,635	de Clercq 1891-1912	3147	Musée du Louvre	Engraved Gem
1,636	de Clercq 1891-1912	3163	Musée du Louvre	Engraved Gem
1,637	de Clercq 1891-1912	3155	Musée du Louvre	Engraved Gem
1,638	de Clercq 1891-1912	3164	Musée du Louvre	Engraved Gem
1,639	de Clercq 1891-1912	3176	Musée du Louvre	Engraved Gem
1,640	de Clercq 1891-1912	3183	Musée du Louvre	Engraved Gem
1,641	de Clercq 1891-1912	3200	Musée du Louvre	Ring

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Carnelian
1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400		Bechele		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Israel	Banias		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Israel	Banias		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Safita		Carnelian
1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,642	de Clercq 1891-1912	3184	Musée du Louvre	Engraved Gem
1,643	de Clercq 1891-1912	3201	Musée du Louvre	Ring
1,644	de Clercq 1891-1912	3212	Musée du Louvre	Ring
1,645	de Clercq 1891-1912	3202	Musée du Louvre	Engraved Gem
1,646	de Clercq 1891-1912	3216	Musée du Louvre	Ring
1,647	de Clercq 1891-1912	3214	Musée du Louvre	Engraved Gem
1,648	de Clercq 1891-1912	3221	Musée du Louvre	Engraved Gem
1,649	de Clercq 1891-1912	3222	Musée du Louvre	Engraved Gem
1,650	de Clercq 1891-1912	3243	Musée du Louvre	Ring
1,651	de Clercq 1891-1912	3231	Musée du Louvre	Ring
1,652	de Clercq 1891-1912	3235	Musée du Louvre	Engraved Gem
1,653	de Clercq 1891-1912	3237	Musée du Louvre	Engraved Gem
1,654	de Clercq 1891-1912	3247	Musée du Louvre	Ring
1,655	de Clercq 1891-1912	3256	Musée du Louvre	Engraved Gem
1,656	de Clercq 1891-1912	3251	Musée du Louvre	Ring
1,657	de Clercq 1891-1912	3258	Musée du Louvre	Engraved Gem
1,658	de Clercq 1891-1912	3262	Musée du Louvre	Ring
1,659	de Clercq 1891-1912	3275	Musée du Louvre	Ring
1,660	de Clercq 1891-1912	3269	Musée du Louvre	Engraved Gem
1,661	de Clercq 1891-1912	3279	Musée du Louvre	Engraved Gem
1,662	de Clercq 1891-1912	3296	Musée du Louvre	Ring
1,663	de Clercq 1891-1912	3280	Musée du Louvre	Engraved Gem
1,664	de Clercq 1891-1912	3281	Musée du Louvre	Engraved Gem
1,665	de Clercq 1891-1912	3286	Musée du Louvre	Engraved Gem
1,666	de Clercq 1891-1912	3289	Musée du Louvre	Ring
1,667	de Clercq 1891-1912	3291	Musée du Louvre	Engraved Gem
1,668	de Clercq 1891-1912	3292	Musée du Louvre	Engraved Gem
1,669	de Clercq 1891-1912	3295	Musée du Louvre	Engraved Gem
1,670	de Clercq 1891-1912	3300	Musée du Louvre	Ring
1,671	de Clercq 1891-1912	3299	Musée du Louvre	Engraved Gem
1,672	de Clercq 1891-1912	3304	Musée du Louvre	Ring
1,673	de Clercq 1891-1912	3309	Musée du Louvre	Ring
1,674	de Clercq 1891-1912	3313	Musée du Louvre	Ring
1,675	de Clercq 1891-1912	3310	Musée du Louvre	Engraved Gem
1,676	de Clercq 1891-1912	3318	Musée du Louvre	Engraved Gem
1,677	de Clercq 1891-1912	3322	Musée du Louvre	Engraved Gem
1,678	de Clercq 1891-1912	3332	Musée du Louvre	Ring
1,679	de Clercq 1891-1912	3353	Musée du Louvre	Ring
1,680	de Clercq 1891-1912	3371	Musée du Louvre	Ring
1,681	de Clercq 1891-1912	3360	Musée du Louvre	Ring
1,682	de Clercq 1891-1912	3369	Musée du Louvre	Engraved Gem
1,683	de Clercq 1891-1912	3370	Musée du Louvre	Engraved Gem
1,684	de Clercq 1891-1912	3373	Musée du Louvre	Ring
1,685	de Clercq 1891-1912	3393	Musée du Louvre	Ring
1,686	de Clercq 1891-1912	3376	Musée du Louvre	Engraved Gem
1,687	de Clercq 1891-1912	3428	Musée du Louvre	Engraved Gem
1,688	de Clercq 1891-1912	3435	Musée du Louvre	Ring
1,689	Berlin 1975	Tafel 31. 1	Staatliche Museen zu Berlin	Necklace
1,690	Berlin 1975	Tafel 59. 21-22	Staatliche Museen zu Berlin	Ring
1,691	Berlin 2007	79	Staatliche Museen zu Berlin	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Lebanon	Tyre		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Israel	Banias		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400				Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
1st century BC - 4th century AD	-100	400	Syria	Tartus		Carnelian
2nd century AD	101	200			Gold	Carnelian
1st - 2nd century AD	1	200			Gold	Carnelian
1 - 50 BC	-50	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,692	Berlin 2007	82	Staatliche Museen zu Berlin	Engraved Gem
1,693	Berlin 2007	84	Staatliche Museen zu Berlin	Engraved Gem
1,694	Wright 2001	17	Wright Collection	Engraved Gem
1,695	Naples 1983	126 (inv. 158849)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,696	Naples 1983	1 (inv. 109592)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,697	Naples 1983	2 (inv. 158788)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,698	Naples 1983	3 (inv. 158753)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,699	Naples 1983	4 (inv. 158754)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,700	Naples 1983	7 (inv. 158755)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,701	Naples 1983	12 (inv. 115465)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,702	Naples 1983	13 (inv. 119440)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,703	Naples 1983	14 (inv. 132760)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,704	Naples 1983	15 (inv. 158823)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,705	Naples 1983	16 (inv. 115473)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,706	Naples 1983	17 (inv. 27641)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,707	Naples 1983	18 (inv. 158864)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,708	Naples 1983	31 (inv. 158750)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,709	Naples 1983	33 (inv. 113740)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,710	Naples 1983	34 (inv. 158856)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,711	Naples 1983	36 (inv. 158866)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,712	Naples 1983	39 (inv. 137350)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,713	Naples 1983	45 (inv. 129506)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,714	Naples 1983	48 (inv. 109591)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,715	Naples 1983	53 (inv. 125282)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,716	Naples 1983	54 (inv. 158751)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,717	Naples 1983	61 (inv. 118717)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,718	Naples 1983	62 (inv. 158780)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,719	Naples 1983	63 (inv. 113742)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,720	Naples 1983	64 (inv. 114427)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC	-10	-1				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
1st century BC - AD 30	-100	30	Turkey	Silifke		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Boscotrecase		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,721	Naples 1983	65 (inv. 27615)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,722	Naples 1983	66 (inv. 27618)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,723	Naples 1983	68 (inv. 118716)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,724	Naples 1983	69 (inv. 115468)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,725	Naples 1983	70 (inv. 137865)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,726	Naples 1983	71 (inv. 158756)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,727	Naples 1983	74 (inv. 158758)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,728	Naples 1983	75 (inv. 155875)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,729	Naples 1983	77 (inv. 111789)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,730	Naples 1983	78 (inv. 158782)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,731	Naples 1983	79 (inv. 155866)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,732	Naples 1983	81 (inv. 109593)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,733	Naples 1983	83 (inv. 155878)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,734	Naples 1983	84 (inv. 158826)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,735	Naples 1983	85 (inv. 158859)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,736	Naples 1983	86 (inv. 27244)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,737	Naples 1983	88 (inv. 158853)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,738	Naples 1983	90 (inv. 155884)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,739	Naples 1983	91 (inv. 27640)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,740	Naples 1983	93 (inv. 158757)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,741	Naples 1983	94 (inv. (115483)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,742	Naples 1983	97 (inv. 132759)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,743	Naples 1983	98 (inv. 155874)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,744	Naples 1983	102 (inv. 115470)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,745	Naples 1983	105 (inv. 125270)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,746	Naples 1983	109 (inv. 158747)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,747	Naples 1983	119 (inv. 121658)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,748	Naples 1983	121 (inv. 158855)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Boscotrecase		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,749	Naples 1983	123 (inv. 158800)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,750	Naples 1983	124 (inv. 159798)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,751	Naples 1983	134 (inv. 109662)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,752	Naples 1983	139 (inv. 158738)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,753	Naples 1983	142 (inv. 158759)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,754	Naples 1983	147 (inv. 155870)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,755	Naples 1983	148 (inv. 158752)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,756	Naples 1983	153 (inv. 155877)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,757	Naples 1983	154 (inv. 155876)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,758	Naples 1983	160 (inv. 158857)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,759	Naples 1983	163 (inv. 158867)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,760	Naples 1983	164 (inv. 114429)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,761	Naples 1983	173 (inv. 158781)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,762	Naples 1983	175 (inv. 116405)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,763	Naples 1983	178 (inv. 135039)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,764	Naples 1983	180 (inv. 26766)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,765	Naples 1983	183 (inv. 27632)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,766	Naples 1983	184 (inv. 27154)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,767	Naples 1983	185 (inv. 118715)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,768	Naples 1983	191 (inv. 115472)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,769	Naples 1983	193 (inv. 136765)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,770	Naples 1983	200 (inv. 158785)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,771	Naples 1983	201 (inv. 158805)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,772	Naples 1983	203 (inv. 158860)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,773	Naples 1983	204 (inv. 27649)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,774	Naples 1983	205 (inv. 27332)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,775	Naples 1983	213 (inv. 155864)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,776	Naples 1983	222 (inv. 125284)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,777	Naples 1983	228 (inv. 158850)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,778	Naples 1983	253 (inv. 124142)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,779	Naples 1983	255 (inv. 27634)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,780	Naples 1983	256 (inv. 27247)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,781	Naples 1983	257 (inv. 135049)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,782	Naples 1983	258 (inv. 120300)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,783	Naples 1983	265 (inv. 129504)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,784	Naples 1983	267 (inv. 155879)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,785	Naples 1983	272 (inv. 27639)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,786	Naples 1983	280 (inv. 27231)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,787	Naples 1983	289 (inv. 119002)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,788	Naples 1983	291 (inv. 114428)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,789	Naples 1983	299 (inv. 158862)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,790	Naples 1983	300 (inv. 158749)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,791	Naples 1983	308 (inv. 110826)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,792	Naples 1983	311 (inv. 158813)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,793	Naples 1983	318 (inv. 125266)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,794	Naples 1983	329 (inv. 129507)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,795	Naples 1983	332 (inv. 158745)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,796	Naples 1983	335 (inv. 158760)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,797	Naples 1983	336 (inv. 276716)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
1,798	Berlin 2007	90	Staatliche Museen zu Berlin	Engraved Gem
1,799	Berlin 2007	95	Staatliche Museen zu Berlin	Engraved Gem
1,800	AG Vienna	1709	Kunsthistorisches Museum Wien	Engraved Gem
1,801	AG Vienna	1717	Kunsthistorisches Museum Wien	Engraved Gem
1,802	AGD Hannover	531	Museum August Kestner-Hannover	Engraved Gem
1,803	AGD Hannover	944	Museum August Kestner-Hannover	Engraved Gem
1,804	AGD Hannover	946	Museum August Kestner-Hannover	Engraved Gem
1,805	AGD Hannover	950	Museum August Kestner-Hannover	Engraved Gem
1,806	AGD Hannover	537	Museum August Kestner-Hannover	Engraved Gem
1,807	AGD Hannover	538	Museum August Kestner-Hannover	Engraved Gem
1,808	AGD Hannover	539	Museum August Kestner-Hannover	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
late 1st century BC	-10	-1				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
3rd century AD	201	300				Carnelian
2nd century AD	101	200				Carnelian
early - mid 1st century BC	-100	-50				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century AD	1	100				Carnelian
early - mid 1st century BC	-100	-50				Carnelian
early - mid 1st century BC	-100	-50				Carnelian
early - mid 1st century BC	-100	-50				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,809	AGD Hannover	954	Museum August Kestner-Hannover	Engraved Gem
1,810	AGD Hannover	955	Museum August Kestner-Hannover	Engraved Gem
1,811	AGD Hannover	248	Museum August Kestner-Hannover	Engraved Gem
1,812	Berlin 2007	96	Staatliche Museen zu Berlin	Engraved Gem
1,813	MFA online	23.360	Museum of Fine Arts, Boston	Earring
1,814	Guiraud 1988/2008	381	Site et musée archéologique d'Ensérune	Engraved Gem
1,815	AG Munich	623	Staatliche Antikensammlungen, Munich	Engraved Gem
1,816	Berlin 2007	112	Staatliche Museen zu Berlin	Engraved Gem
1,817	Berlin 2007	114	Staatliche Museen zu Berlin	Engraved Gem
1,818	Berlin 2007	116	Staatliche Museen zu Berlin	Engraved Gem
1,819	Xanten 1987/1994	74	LVR-Archäologischer Park Xanten	Engraved Gem
1,820	Xanten 1987/1994	178	LVR-Archäologischer Park Xanten	Engraved Gem
1,821	Xanten 1987/1994	234	LVR-Archäologischer Park Xanten	Engraved Gem
1,822	Guiraud 1988/2008	554	Musée Archéologique, Saintes	Engraved Gem
1,823	Berlin 2007	117	Staatliche Museen zu Berlin	Engraved Gem
1,824	Berlin 2007	124	Staatliche Museen zu Berlin	Engraved Gem
1,825	Guiraud 1988/2008	728	Musée Archéologique et Minéralogique P. Borrione	Engraved Gem
1,826	Marshman 2016	28.02	British Museum	Ring
1,827	RMO online	GS-00654	National Museum of Antiquities, Leiden	Engraved Gem
1,828	Berlin 2007	125	Staatliche Museen zu Berlin	Engraved Gem
1,829	AGD Berlin	550	Staatliche Museen zu Berlin	Engraved Gem
1,830	AGD Hannover	196	Museum August Kestner-Hannover	Engraved Gem
1,831	AGD Hannover	238	Museum August Kestner-Hannover	Engraved Gem
1,832	AGD Hannover	992	Museum August Kestner-Hannover	Engraved Gem
1,833	Hendler 2016	145	Hendler Collection	Engraved Gem
1,834	Hendler 2016	156	Hendler Collection	Engraved Gem
1,835	Aquileia 1996	42 (inv. 878/26)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
1,836	Aquileia 1996	111 (inv. 909/389)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
1,837	Hendler 2016	79	Hendler Collection	Engraved Gem
1,838	Walters Online	42.511	Walters Art Museum	Ring
1,839	Walters Online	42.92	Walters Art Museum	Engraved Gem
1,840	Walters Online	42.502	Walters Art Museum	Engraved Gem
1,841	AGD Berlin	556	Staatliche Museen zu Berlin	Engraved Gem
1,842	AG Vienna	1986	Kunsthistorisches Museum Wien	Engraved Gem
1,843	Geneva 1967	477 Inv. no. 1970/20893	Museum of Art and History, Geneva	Engraved Gem
1,844	Berlin 2007	129	Staatliche Museen zu Berlin	Engraved Gem
1,845	Berlin 2007	130	Staatliche Museen zu Berlin	Engraved Gem
1,846	Walters Online	42.1182	Walters Art Museum	Engraved Gem
1,847	AGD Berlin	541	Staatliche Museen zu Berlin	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100				Carnelian
50 BC - AD 50	-50	50				Carnelian
100 - 50 BC	-100	-50				Carnelian
early 1st century AD	1	10				Carnelian
270 BC - AD 320	-270	320			Gold	Carnelian
early - mid 1st century BC	-100	-50	France	Ensérune		Carnelian
early - mid 1st century BC	-100	-50				Carnelian
25 - 50 BC	-50	-25				Carnelian
1 - 50 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
early - mid 1st century BC	-100	-50	Germany	Fürstenberg And Its Environs		Carnelian
early - mid 1st century BC	-100	-50	Germany	Andere Fundorte / Ohne Fundort		Carnelian
early - mid 1st century BC	-100	-50	Germany	Andere Fundorte / Ohne Fundort		Carnelian
early - mid 1st century BC	-100	-50	France	Saintes		Carnelian
1 - 50 BC	-50	-1				Carnelian
25 - 50 BC	-50	-25				Carnelian
1st century BC	-100	-1	France	Aime		Carnelian
1st century BC	-100	-1	Britain	Uptown Grey	Gold	Carnelian
early - mid 1st century BC	-100	-50				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
2nd century AD	101	200				Carnelian
early 1st century BC	-100	-90				Carnelian
early 1st century BC	-100	-90				Chalcedony
1st century AD	1	100				Lapis Lazuli
1st century BC - 1st century AD	-100	100	Israel	Caesarea		Carnelian
1st century BC - 1st century AD	-100	100	Israel	Caesarea		Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - early 1st century AD	-100	25	Israel	Caesarea		Carnelian
1st - 2nd century AD	1	200			Gold	Carnelian
1st century AD	1	100				Carnelian
1st - 4th century AD	1	400				Onyx
3rd century AD	201	300				Carnelian
2nd century AD	101	200	Syria	Tartus		Carnelian
80 BC	-80	-80	Egypt			Carnelian
late 1st - early 2nd century AD	75	125				Carnelian
1 - 50 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
AD 218 - 222	218	222				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,848	AGD Berlin	536	Staatliche Museen zu Berlin	Engraved Gem
1,849	AGD Hannover	345	Museum August Kestner-Hannover	Engraved Gem
1,850	AG Vienna	1766	Kunsthistorisches Museum Wien	Engraved Gem
1,851	AG Vienna	1778	Kunsthistorisches Museum Wien	Engraved Gem
1,852	Getty Online	84.AN.1.51	J. Paul Getty Museum	Engraved Gem
1,853	Getty Online	84.AN.1.71	J. Paul Getty Museum	Engraved Gem
1,854	Getty Online	81.AN.118.3	J. Paul Getty Museum	Engraved Gem
1,855	Getty Online	82.AN.162.31	J. Paul Getty Museum	Engraved Gem
1,856	Getty Online	85.AN.370.41	J. Paul Getty Museum	Engraved Gem
1,857	Getty Online	82.AN.162.30	J. Paul Getty Museum	Engraved Gem
1,858	Getty Online	84.AN.1.52	J. Paul Getty Museum	Engraved Gem
1,859	Getty Online	80.AN.43.7	J. Paul Getty Museum	Engraved Gem
1,860	Getty Online	84.AN.1.54	J. Paul Getty Museum	Engraved Gem
1,861	Getty Online	83.AN.353.1	J. Paul Getty Museum	Engraved Gem
1,862	Getty Online	80.AN.43.1	J. Paul Getty Museum	Engraved Gem
1,863	Getty Online	84.AN.1.29	J. Paul Getty Museum	Engraved Gem
1,864	Getty Online	82.AN.162.33	J. Paul Getty Museum	Engraved Gem
1,865	Getty Online	85.AN.370.66	J. Paul Getty Museum	Engraved Gem
1,866	Getty Online	84.AN.1.56	J. Paul Getty Museum	Engraved Gem
1,867	Getty Online	83.AN.437.34	J. Paul Getty Museum	Engraved Gem
1,868	Getty Online	84.AN.1.30	J. Paul Getty Museum	Engraved Gem
1,869	Xanten 1987/1994	135	LVR-Archäologischer Park Xanten	Ring
1,870	Xanten 1987/1994	79	LVR-Archäologischer Park Xanten	Engraved Gem
1,871	Xanten 1987/1994	67	LVR-Archäologischer Park Xanten	Engraved Gem
1,872	AG Vienna	1793	Kunsthistorisches Museum Wien	Engraved Gem
1,873	AG Vienna	1820	Kunsthistorisches Museum Wien	Engraved Gem
1,874	Berlin 2007	143	Staatliche Museen zu Berlin	Engraved Gem
1,875	Hague 1978	199	Royal Coin Cabinet, The Hague	Engraved Gem
1,876	AGD Hannover	190	Museum August Kestner-Hannover	Engraved Gem
1,877	AGD Hannover	202	Museum August Kestner-Hannover	Engraved Gem
1,878	AGD Hannover	923	Museum August Kestner-Hannover	Engraved Gem
1,879	Berlin 2007	675	Staatliche Museen zu Berlin	Engraved Gem
1,880	Berlin 2007	148	Staatliche Museen zu Berlin	Engraved Gem
1,881	AGD Berlin	534	Staatliche Museen zu Berlin	Engraved Gem
1,882	AGD Berlin	532	Staatliche Museen zu Berlin	Engraved Gem
1,883	AGD Hannover	432	Museum August Kestner-Hannover	Engraved Gem
1,884	AGD Hannover	1291	Museum August Kestner-Hannover	Engraved Gem
1,885	AGD Hannover	1332	Museum August Kestner-Hannover	Engraved Gem
1,886	Berlin 2007	150	Staatliche Museen zu Berlin	Engraved Gem
1,887	Berlin 2007	152	Staatliche Museen zu Berlin	Engraved Gem
1,888	AGD Hannover	521	Museum August Kestner-Hannover	Engraved Gem
1,889	AGD Hannover	1043	Museum August Kestner-Hannover	Engraved Gem
1,890	AGD Hannover	1045	Museum August Kestner-Hannover	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2nd century AD	101	200				Carnelian
mid 1st century BC	-75	-50				Chrysoprase
2nd century AD	101	200				Carnelian
2nd century AD	101	200	Egypt			Carnelian
mid 1st century BC	-75	-50				Carnelian
2nd - 4th century AD	101	400				Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50				Carnelian
2nd - 1st century BC	-200	-1				Garnet
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50				Carnelian
1st - 2nd century AD	1	200				Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50	Italy			Carnelian
mid 1st century BC	-75	-50				Carnelian
mid 1st century BC	-75	-50	Italy			Carnelian
mid 1st century BC	-75	-25	Germany	Colonia Ulpia Traiana Und Umgebung	Silver	Carnelian
mid 1st century BC	-75	-25	Germany	Fürstenberg And Its Environs		Carnelian
mid 1st century BC	-75	-25	Germany	Fürstenberg And Its Environs		Carnelian
AD 150 - 250	150	250	Croatia	Salona (Solin Today, Dalmatia)		Carnelian
AD 50 - 100	50	100				Carnelian
mid 1st century BC	-75	-25				Carnelian
1st century BC	-100	-1				Carnelian
50 BC - AD 1	-50	-1				Carnelian
50 BC - AD 1	-50	-1				Carnelian
50 BC - AD 50	-50	50				Carnelian
2nd century AD	101	200				Carnelian
25 - 50 BC	-50	-25				Carnelian
3rd century AD	201	300				Carnelian
2nd century AD	101	200				Carnelian
mid 1st century BC	-60	-40				Carnelian
1st century AD	1	100				Garnet
50 BC - AD 25	1	100				Amethyst
late 1st century BC - early 1st century AD	-10	10				Carnelian
early 1st century AD	1	10				Carnelian
mid - late 1st century BC	-50	-1				Jasper
1st century AD	1	100				Carnelian
50 BC - AD 25	-50	25				Onyx (Nicolo)

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,891	AGD Hannover	1046	Museum August Kestner-Hannover	Engraved Gem
1,892	AGD Hannover	459	Museum August Kestner-Hannover	Engraved Gem
1,893	AGD Hannover	464	Museum August Kestner-Hannover	Engraved Gem
1,894	AGD Hannover	1048	Museum August Kestner-Hannover	Engraved Gem
1,895	AGD Hannover	1052	Museum August Kestner-Hannover	Engraved Gem
1,896	AGD Hannover	1053	Museum August Kestner-Hannover	Engraved Gem
1,897	AGD Hannover	1057	Museum August Kestner-Hannover	Engraved Gem
1,898	AGD Hannover	1058	Museum August Kestner-Hannover	Engraved Gem
1,899	AGD Hannover	1669	Museum August Kestner-Hannover	Engraved Gem
1,900	AGD Hannover	1060	Museum August Kestner-Hannover	Engraved Gem
1,901	AGD Hannover	1061	Museum August Kestner-Hannover	Engraved Gem
1,902	AGD Hannover	1062	Museum August Kestner-Hannover	Engraved Gem
1,903	AGD Hannover	1063	Museum August Kestner-Hannover	Engraved Gem
1,904	AGD Hannover	1651	Museum August Kestner-Hannover	Engraved Gem
1,905	AGD Hannover	1065	Museum August Kestner-Hannover	Engraved Gem
1,906	AGD Hannover	1066	Museum August Kestner-Hannover	Engraved Gem
1,907	AGD Hannover	1640	Museum August Kestner-Hannover	Engraved Gem
1,908	AGD Hannover	1641	Museum August Kestner-Hannover	Engraved Gem
1,909	AGD Hannover	1075	Museum August Kestner-Hannover	Engraved Gem
1,910	AGD Hannover	519	Museum August Kestner-Hannover	Engraved Gem
1,911	AGD Hannover	516	Museum August Kestner-Hannover	Engraved Gem
1,912	AGD Hannover	515	Museum August Kestner-Hannover	Engraved Gem
1,913	AGD Hannover	513	Museum August Kestner-Hannover	Engraved Gem
1,914	Berlin 2007	154	Staatliche Museen zu Berlin	Engraved Gem
1,915	Hague 1978	210	Royal Coin Cabinet, The Hague	Engraved Gem
1,916	Guiraud 1988/2008	280	Centre Allonais de prospections et recherches archéologiques (CAPRA)	Engraved Gem
1,917	Getty Online	82.AN.162.29	J. Paul Getty Museum	Engraved Gem
1,918	AG Vienna	1841	Kunsthistorisches Museum Wien	Engraved Gem
1,919	Guiraud 1988/2008	357	Musée Archéologique, Dijon	Engraved Gem
1,920	Guiraud 1988/2008	62II	Musée Dobrée, Nantes	Ring
1,921	Guiraud 1988/2008	442	Palais des Archevêques de Narbonne	Engraved Gem
1,922	Guiraud 1988/2008	288	Private Collection	Ring
1,923	Guiraud 1988/2008	295	Private Collection	Engraved Gem
1,924	Guiraud 1988/2008	968	Centre Allonais de prospections et recherches archéologiques (CAPRA)	Engraved Gem
1,925	Guiraud 1988/2008	749	Centre de recherches archéologiques, Saint Marcel	Engraved Gem
1,926	Guiraud 1988/2008	821	Dépôt, groupe archéologique, Gimont	Ring
1,927	Xanten 1987/1994	144	des Rheinischen Landesmuseums Bonn	Engraved Gem
1,928	Xanten 1987/1994	215	LVR-Archäologischer Park Xanten	Engraved Gem
1,929	Xanten 1987/1994	217	LVR-Archäologischer Park Xanten	Engraved Gem
1,930	Guiraud 1988/2008	614	Musée Archéologique, Dijon	Engraved Gem
1,931	Guiraud 1988/2008	617	Musée gallo-romain de Lyon-Fourvière	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
50 BC - AD 25	-50	25				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
50 BC - AD 25	-50	25				Carnelian
50 BC - AD 100	-50	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
2nd century AD	101	200				Amethyst
50 BC - AD 100	-50	100				Carnelian
late 1st century BC	-25	-1				Carnelian
50 BC - AD 50	-50	50				Onyx (Nicolo)
50 BC - AD 50	-50	50				Carnelian
2nd century AD	101	200				Garnet
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
2nd century AD	101	200				Lapis Lazuli
2nd century AD	101	200				Lapis Lazuli
1st century AD	1	100				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
late 1st - early 2nd century AD	75	125				Carnelian
1st century BC	-100	-1	Egypt			Carnelian
mid - late 1st century BC	-50	-1	France	Le Mans		Carnelian
mid - late 1st century BC	-50	-1	Italy			Carnelian
AD 150 - 250	150	250				Carnelian
mid - late 1st century BC	-50	-1	France	Mont Beuvray		Carnelian
mid - late 1st century BC	-50	-1			Iron	Carnelian
mid - late 1st century BC	-50	-1	France	Cuxac-D'Aude		Carnelian
mid - late 1st century BC	-50	-1	France	Aujols	Gold	Carnelian
mid - late 1st century BC	-50	-1	France	Béziers		Carnelian
mid - late 1st century BC	-50	-1	France	Le Mans		Carnelian
mid - late 1st century BC	-50	-1	France	Saint-Marcel		Carnelian
mid - late 1st century BC	-50	-1	France	Mourens	Gold	Carnelian
mid - late 1st century BC	-50	-1	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
mid - late 1st century BC	-50	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
mid - late 1st century BC	-50	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
mid - late 1st century BC	-50	-1	France	Mont Beuvray		Carnelian
mid - late 1st century BC	-50	-1	France	Lyon		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,932	Guiraud 1988/2008	619	Muséem Alise-Sainte-Reine	Engraved Gem
1,933	MFA online	23.343	Museum of Fine Arts, Boston	Earring
1,934	Guiraud 1988/2008	337	Private Collection	Engraved Gem
1,935	Guiraud 1988/2008	635	Private Collection	Engraved Gem
1,936	Wright 2001	19	Wright Collection	Engraved Gem
1,937	Guiraud 1988/2008	525	Musée Archéologique, Fréjus	Engraved Gem
1,938	Guiraud 1988/2008	527	Musée Barrois, Bar-le-Duc	Engraved Gem
1,939	Guiraud 1988/2008	526	Musée gallo-romain de Lyon-Fourvière	Engraved Gem
1,940	Xanten 1987/1994	66	des Rheinischen Landesmuseums Bonn	Engraved Gem
1,941	Xanten 1987/1994	68	LVR-Archäologischer Park Xanten	Engraved Gem
1,942	Xanten 1987/1994	70	LVR-Archäologischer Park Xanten	Engraved Gem
1,943	Xanten 1987/1994	71	LVR-Archäologischer Park Xanten	Engraved Gem
1,944	Hendler 2016	122	Hendler Collection	Engraved Gem
1,945	AGD Hannover	511	Museum August Kestner-Hannover	Engraved Gem
1,946	AGD Hannover	1392	Museum August Kestner-Hannover	Engraved Gem
1,947	RMO online	GS-00368	National Museum of Antiquities, Leiden	Engraved Gem
1,948	RMO online	GS-00369	National Museum of Antiquities, Leiden	Engraved Gem
1,949	RMO online	GS-00370	National Museum of Antiquities, Leiden	Engraved Gem
1,950	RMO online	GS-00372	National Museum of Antiquities, Leiden	Engraved Gem
1,951	MFA online	13.236	Museum of Fine Arts, Boston	Engraved Gem
1,952	AGD Hannover	135	Museum August Kestner-Hannover	Engraved Gem
1,953	AGD Hannover	134	Museum August Kestner-Hannover	Engraved Gem
1,954	Aquileia 1996	50 (inv. 1282/9)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
1,955	Aquileia 1996	116 (inv. 1147/252)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
1,956	Guiraud 1988/2008	164	Musée, Champagnole	Engraved Gem
1,957	Xanten 1987/1994	78	LVR-Archäologischer Park Xanten	Engraved Gem
1,958	Guiraud 1988/2008	677	Musée Archéologique, Dijon	Ring
1,959	AGD Hannover	174	Museum August Kestner-Hannover	Engraved Gem
1,960	Berlin 2007	155	Staatliche Museen zu Berlin	Engraved Gem
1,961	AGD Berlin	528	Staatliche Museen zu Berlin	Engraved Gem
1,962	AGD Hannover	349	Museum August Kestner-Hannover	Engraved Gem
1,963	AGD Hannover	351	Museum August Kestner-Hannover	Engraved Gem
1,964	AGD Hannover	1335	Museum August Kestner-Hannover	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
mid - late 1st century BC	-50	-1	France	Alésia		Carnelian
90 BC - AD 50	-90	50			Gold	Carnelian
mid - late 1st century BC	-50	-1	France	Montady		Carnelian
mid - late 1st century BC	-50	-1	France	Le Fief-Sauvin		Carnelian
mid - late 1st century BC	-50	-1	Turkey	Silifke		Carnelian
mid - late 1st century BC	-50	-1	France	Fréjus		Carnelian
mid - late 1st century BC	-50	-1	France	Naix-Aux-Forges		Carnelian
mid - late 1st century BC	-50	-1	France	Lyon		Carnelian
mid - late 1st century BC	-50	-1	Germany	Fürstenberg And Its Environs		Carnelian
mid - late 1st century BC	-50	-1	Germany	Fürstenberg And Its Environs		Carnelian
mid - late 1st century BC	-50	-1	Germany	Fürstenberg And Its Environs		Carnelian
mid - late 1st century BC	-50	-1	Germany	Fürstenberg And Its Environs		Carnelian
mid 1st century BC - 1st century AD	-50	100	Israel	Caesarea		Carnelian
mid 1st century BC - 1st century AD	-50	100				Sardonyx
2nd century AD	101	200				Garnet
mid 1st century BC - 1st century AD	-50	100				Carnelian
mid 1st century BC - 1st century AD	-50	100				Carnelian
mid 1st century BC - 1st century AD	-50	100				Carnelian
50 - 1 BC	-50	-1				Carnelian
50 BC - AD 1	-50	-1				Chrysoprase
50 BC - AD 1	-50	-1				Chalcedony
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25	France	Équevillon		Carnelian
mid 1st century BC - early 1st century AD	-50	25	Germany	Fürstenberg And Its Environs		Carnelian
mid 1st century BC - early 1st century AD	-50	25	France	Mont Beuvray	Gold	Carnelian
50 BC - AD 1	-50	-1				Sardonyx
1st century AD	1	100				Carnelian
3rd - 4th century AD	301	400				Carnelian
50 - 1 BC	-50	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
1st century AD	1	100				Garnet

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
1,965	AGD Hannover	524	Museum August Kestner-Hannover	Engraved Gem
1,966	AGD Hannover	525	Museum August Kestner-Hannover	Engraved Gem
1,967	AG Vienna	1864	Kunsthistorisches Museum Wien	Engraved Gem
1,968	AG Vienna	1881	Kunsthistorisches Museum Wien	Engraved Gem
1,969	RMO online	GS-00392	National Museum of Antiquities, Leiden	Engraved Gem
1,970	Xanten 1987/1994	170	der Katholischen Kirchengemeinde St. Viktor	Ring
1,971	Xanten 1987/1994	194	des Rheinischen Landesmuseums Bonn	Engraved Gem
1,972	Xanten 1987/1994	30	LVR-Archäologischer Park Xanten	Engraved Gem
1,973	RMO online	GS-00227	National Museum of Antiquities, Leiden	Engraved Gem
1,974	RMO online	GS-01159	National Museum of Antiquities, Leiden	Engraved Gem
1,975	RMO online	GS-00250	National Museum of Antiquities, Leiden	Engraved Gem
1,976	RMO online	GS-00305	National Museum of Antiquities, Leiden	Engraved Gem
1,977	RMO online	GS-00307	National Museum of Antiquities, Leiden	Engraved Gem
1,978	RMO online	GS-00308	National Museum of Antiquities, Leiden	Engraved Gem
1,979	RMO online	GS-00313	National Museum of Antiquities, Leiden	Engraved Gem
1,980	RMO online	GS-00320	National Museum of Antiquities, Leiden	Engraved Gem
1,981	RMO online	GS-00322	National Museum of Antiquities, Leiden	Engraved Gem
1,982	RMO online	GS-00324	National Museum of Antiquities, Leiden	Engraved Gem
1,983	RMO online	GS-00325	National Museum of Antiquities, Leiden	Engraved Gem
1,984	RMO online	GS-00326	National Museum of Antiquities, Leiden	Engraved Gem
1,985	RMO online	GS-00327	National Museum of Antiquities, Leiden	Engraved Gem
1,986	RMO online	GS-00328	National Museum of Antiquities, Leiden	Engraved Gem
1,987	RMO online	GS-00330	National Museum of Antiquities, Leiden	Engraved Gem
1,988	RMO online	GS-00331	National Museum of Antiquities, Leiden	Engraved Gem
1,989	RMO online	GS-00332	National Museum of Antiquities, Leiden	Engraved Gem
1,990	RMO online	GS-00333	National Museum of Antiquities, Leiden	Engraved Gem
1,991	RMO online	GS-00334	National Museum of Antiquities, Leiden	Engraved Gem
1,992	RMO online	GS-00335	National Museum of Antiquities, Leiden	Engraved Gem
1,993	RMO online	GS-00336	National Museum of Antiquities, Leiden	Engraved Gem
1,994	RMO online	GS-00337	National Museum of Antiquities, Leiden	Engraved Gem
1,995	RMO online	GS-00338	National Museum of Antiquities, Leiden	Engraved Gem
1,996	RMO online	GS-00339	National Museum of Antiquities, Leiden	Engraved Gem
1,997	RMO online	GS-00340	National Museum of Antiquities, Leiden	Engraved Gem
1,998	RMO online	GS-00342	National Museum of Antiquities, Leiden	Engraved Gem
1,999	RMO online	GS-00343	National Museum of Antiquities, Leiden	Engraved Gem
2,000	RMO online	GS-00344	National Museum of Antiquities, Leiden	Engraved Gem
2,001	RMO online	GS-00347	National Museum of Antiquities, Leiden	Engraved Gem
2,002	RMO online	GS-00348	National Museum of Antiquities, Leiden	Engraved Gem
2,003	RMO online	GS-00349	National Museum of Antiquities, Leiden	Engraved Gem
2,004	RMO online	GS-00350	National Museum of Antiquities, Leiden	Engraved Gem
2,005	RMO online	GS-00351	National Museum of Antiquities, Leiden	Engraved Gem
2,006	RMO online	GS-00352	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
mid 1st century BC - 1st century AD	-50	100				Carnelian
mid 1st century BC - 1st century AD	-50	100				Carnelian
2nd - 3rd century AD	101	300				Carnelian
AD 1 - 50	1	50				Carnelian
mid 1st century BC	-50	-25				Carnelian
mid 1st century BC	-50	-25	Germany	Andere Fundorte / Ohne Fundort	Gold	Carnelian
mid 1st century BC	-50	-25	Germany	Andere Fundorte / Ohne Fundort		Carnelian
mid 1st century BC	-50	-25	Germany	Fürstenberg And Its Environs		Carnelian
mid - late 1st century BC	-50	-1	

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,007	RMO online	GS-00353	National Museum of Antiquities, Leiden	Engraved Gem
2,008	RMO online	GS-00354	National Museum of Antiquities, Leiden	Engraved Gem
2,009	RMO online	GS-00357	National Museum of Antiquities, Leiden	Engraved Gem
2,010	RMO online	GS-00358	National Museum of Antiquities, Leiden	Engraved Gem
2,011	RMO online	GS-00359	National Museum of Antiquities, Leiden	Engraved Gem
2,012	RMO online	GS-00360	National Museum of Antiquities, Leiden	Engraved Gem
2,013	RMO online	GS-00364	National Museum of Antiquities, Leiden	Engraved Gem
2,014	RMO online	GS-00365	National Museum of Antiquities, Leiden	Engraved Gem
2,015	RMO online	GS-00381	National Museum of Antiquities, Leiden	Engraved Gem
2,016	MFA online	18.350	Museum of Fine Arts, Boston	Engraved Gem
2,017	MFA online	23.736	Museum of Fine Arts, Boston	Engraved Gem
2,018	Guiraud 1988/2008	846	Dépôt de fouilles, Toulouse	Engraved Gem
2,019	Getty Online	85.AN.444.6	J. Paul Getty Museum	Engraved Gem
2,020	Guiraud 1988/2008	15	Musée Ingres	Engraved Gem
2,021	MFA online	27.737	Museum of Fine Arts, Boston	Engraved Gem
2,022	AG Vienna	1894	Kunsthistorisches Museum Wien	Engraved Gem
2,023	V&A online	581-1871	Victoria & Albert Museum	Engraved Gem
2,024	V&A online	461-1871	Victoria & Albert Museum	Ring
2,025	Guiraud 1988/2008	785	Musée, Alise-Sainte-Reine	Engraved Gem
2,026	Guiraud 1988/2008	481	Private Collection	Engraved Gem
2,027	Guiraud 1988/2008	655	Musée Archéologique, Dijon	Engraved Gem
2,028	Guiraud 1988/2008	528	Private Collection	Engraved Gem
2,029	RMO online	GS-00433	National Museum of Antiquities, Leiden	Engraved Gem
2,030	RMO online	GS-00454	National Museum of Antiquities, Leiden	Engraved Gem
2,031	RMO online	GS-00374	National Museum of Antiquities, Leiden	Engraved Gem
2,032	RMO online	GS-00394	National Museum of Antiquities, Leiden	Engraved Gem
2,033	RMO online	GS-00397	National Museum of Antiquities, Leiden	Engraved Gem
2,034	RMO online	GS-00399	National Museum of Antiquities, Leiden	Engraved Gem
2,035	RMO online	GS-00400	National Museum of Antiquities, Leiden	Engraved Gem
2,036	RMO online	GS-00401	National Museum of Antiquities, Leiden	Engraved Gem
2,037	RMO online	GS-00402	National Museum of Antiquities, Leiden	Ring
2,038	RMO online	GS-00404	National Museum of Antiquities, Leiden	Engraved Gem
2,039	RMO online	GS-00406	National Museum of Antiquities, Leiden	Engraved Gem
2,040	RMO online	GS-00413	National Museum of Antiquities, Leiden	Engraved Gem
2,041	RMO online	GS-00414	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
mid - late 1st century BC	-50	-1				Carnelian
50 BC - AD 50	-50	50				Carnelian
50 BC - AD 50	-50	50				Carnelian
50 - 20 BC	-50	-20	France	Vieille-Toulouse		Carnelian
AD 40	40	40				Carnelian
50 BC	-50	-50	France	Montauban		Carnelian
50 - 30 BC	-70	-30				Carnelian
2nd century AD	101	200				Carnelian
AD 350 - 450	350	450				Carnelian
mid 1st century BC - mid 1st century AD	-50	50	Italy		Gold	Carnelian
mid 1st century BC - mid 1st century AD	-50	50	France	Alésia		Carnelian
mid 1st century BC - mid 1st century AD	-50	50	France	Ouveillan		Carnelian
mid 1st century BC - mid 1st century AD	-50	50	France	Mont Beuvray		Carnelian
mid 1st century BC - mid 1st century AD	-50	50	France	La Grave		Carnelian
mid 1st century BC - mid 1st century AD	-50	50				Carnelian
mid 1st century BC - mid 1st century AD	-50	50				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25			Silver	Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,042	RMO online	GS-00416	National Museum of Antiquities, Leiden	Engraved Gem
2,043	RMO online	GS-00419	National Museum of Antiquities, Leiden	Engraved Gem
2,044	RMO online	GS-00420	National Museum of Antiquities, Leiden	Engraved Gem
2,045	RMO online	GS-00426	National Museum of Antiquities, Leiden	Engraved Gem
2,046	RMO online	GS-00427	National Museum of Antiquities, Leiden	Engraved Gem
2,047	RMO online	GS-00430	National Museum of Antiquities, Leiden	Engraved Gem
2,048	RMO online	GS-00431	National Museum of Antiquities, Leiden	Engraved Gem
2,049	RMO online	GS-00432	National Museum of Antiquities, Leiden	Engraved Gem
2,050	Guiraud 1988/2008	26	Private Collection	Engraved Gem
2,051	Guiraud 1988/2008	840	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem
2,052	Guiraud 1988/2008	497	Musée, Mailhac	Engraved Gem
2,053	Guiraud 1988/2008	370	Private Collection	Engraved Gem
2,054	Guiraud 1988/2008	844	Private Collection	Engraved Gem
2,055	AG Munich	899	Staatliche Antikensammlungen, Munich	Engraved Gem
2,056	MFA online	1.7576	Museum of Fine Arts, Boston	Engraved Gem
2,057	Geneva 1967	425 Inv. No. 1970/20888	Museum of Art and History, Geneva	Engraved Gem
2,058	Aquileia 1966	69 (inv. 24480)	The National Archaeological Museum of Aquileia	Engraved Gem
2,059	Aquileia 1966	71 (inv. 24844)	The National Archaeological Museum of Aquileia	Engraved Gem
2,060	Aquileia 1966	152 (inv. 26426)	The National Archaeological Museum of Aquileia	Engraved Gem
2,061	Aquileia 1966	434 (inv. 25076)	The National Archaeological Museum of Aquileia	Engraved Gem
2,062	Aquileia 1966	439 (inv. 25175)	The National Archaeological Museum of Aquileia	Engraved Gem
2,063	Aquileia 1966	518 (inv. 24921)	The National Archaeological Museum of Aquileia	Engraved Gem
2,064	Aquileia 1966	697 (inv. 25037)	The National Archaeological Museum of Aquileia	Engraved Gem
2,065	Aquileia 1966	1181 (inv. 24557)	The National Archaeological Museum of Aquileia	Engraved Gem
2,066	Marshman 2016	84.04	English Heritage Store, Atcham	Engraved Gem
2,067	Marshman 2016	87.03	Sothampton City Museum	Engraved Gem
2,068	Marshman 2016	16.680	Verulamium Museum	Engraved Gem
2,069	Marshman 2016	14.00	Winchester City Museum	Engraved Gem
2,070	Marshman 2016	16.560	Yorkshire Museum, York	Engraved Gem
2,071	Guiraud 1988/2008	421	Centre Archéologique du Var à Toulon	Engraved Gem
2,072	Guiraud 1988/2008	190	Musée Archéologique, Fréjus	Engraved Gem
2,073	Guiraud 1988/2008	517	Musée Archéologique, Saintes	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - early 1st century AD	-50	25				Carnelian
mid 1st century BC - mid 1st century AD	-50	50	France	Murviel-Les-Montpellier		Carnelian
50 BC	-50	-50	France	Gergovie		Carnelian
50 BC	-50	-50	France	Mailhac		Carnelian
50 BC	-50	-50	France	Lyon		Carnelian
50 BC	-50	-50	France	Saint-Sever		Carnelian
mid - late 1st century BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
48 - 30 BC	-48	-30	Egypt			Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Italy	Aquileia		Carnelian
43 BC - AD 18	-43	18	Britain	Wroxeter, Bath/ Macellum		Carnelian
43 BC - AD 18	-43	18	Britain	Bitterne Manor School, Southampton		Carnelian
43 BC - AD 18	-43	18	Britain	Gorhambury		Carnelian
43 BC - AD 18	-43	18	Britain	Winchester		Carnelian
43 BC - AD 18	-43	18	Britain	York		Carnelian
43 BC - AD 18	-43	18	France	Le Castellet		Carnelian
43 BC - AD 18	-43	18	France	Fréjus		Carnelian
43 BC - AD 18	-43	18	France	Saintes		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,074	Guiraud 1988/2008	520	Musée Gaston Rapin	Engraved Gem
2,075	Guiraud 1988/2008	356	Musée, Alise-Sainte-Reine	Engraved Gem
2,076	Guiraud 1988/2008	680	Musée, Alise-Sainte-Reine	Engraved Gem
2,077	Guiraud 1988/2008	302	Musée, Hérault	Engraved Gem
2,078	Guiraud 1988/2008	519	Musée, Mailhac	Engraved Gem
2,079	AGD Hannover	918	Museum August Kestner-Hannover	Engraved Gem
2,080	Berlin 2007	161	Staatliche Museen zu Berlin	Engraved Gem
2,081	Berlin 2007	162	Staatliche Museen zu Berlin	Engraved Gem
2,082	Berlin 2007	165	Staatliche Museen zu Berlin	Engraved Gem
2,083	MFA online	23-1-363c	Museum of Fine Arts, Boston	Engraved Gem
2,084	AG Vienna	1961	Kunsthistorisches Museum Wien	Engraved Gem
2,085	Xanten 1987/1994	35	des Rheinischen Landesmuseums Bonn	Engraved Gem
2,086	AGD Hannover	921	Museum August Kestner-Hannover	Engraved Gem
2,087	AGD Hannover	175	Museum August Kestner-Hannover	Engraved Gem
2,088	MFA online	24.1072	Museum of Fine Arts, Boston	Engraved Gem
2,089	MFA online	99.103	Museum of Fine Arts, Boston	Engraved Gem
2,090	Berlin 2007	169	Staatliche Museen zu Berlin	Engraved Gem
2,091	Berlin 2007	170	Staatliche Museen zu Berlin	Engraved Gem
2,092	Berlin 2007	172	Staatliche Museen zu Berlin	Engraved Gem
2,093	V&A online	576-1871	Victoria & Albert Museum	Engraved Gem
2,094	Berlin 2007	173	Staatliche Museen zu Berlin	Engraved Gem
2,095	AGD Hannover	836	Museum August Kestner-Hannover	Engraved Gem
2,096	Thorvaldsens online	i992	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,097	Thorvaldsens online	i993	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,098	Thorvaldsens online	i1044	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,099	Thorvaldsens online	i1277	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,100	Thorvaldsens online	i1191	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,101	Thorvaldsens online	i606	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,102	Thorvaldsens online	i1496	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,103	Thorvaldsens online	i1493	Thorvaldsens Museum, Copenhagen	Ring
2,104	Thorvaldsens online	i260	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,105	Thorvaldsens online	i195	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,106	Thorvaldsens online	i518	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,107	Thorvaldsens online	i1276	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,108	Thorvaldsens online	i672	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,109	Thorvaldsens online	i863	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,110	Thorvaldsens online	i1138	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,111	Thorvaldsens online	i1529	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
43 BC - AD 18	-43	18	France	Villeneuve-Sur-Lot		Carnelian
43 BC - AD 18	-43	18	France	Alésia		Carnelian
43 BC - AD 18	-43	18	France	Alésia		Carnelian
43 BC - AD 18	-43	18	France	Ensérune		Carnelian
43 BC - AD 18	-43	18	France	Mailhac		Carnelian
1st century AD	1	100				Onyx (Nicolo)
1st century AD	1	100				Carnelian
2nd century AD	101	200				Carnelian
1 - 50 BC	-50	-1				Carnelian
50 BC - AD 40	-50	40				Carnelian
1st - 2nd century AD	1	200				Carnelian
40 BC	-40	-40	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100				Chrysoprase
50 BC - AD 1	-50	-1				Carnelian
40 BC - AD 40	-40	40				Carnelian
40 - 30 BC	-40	-30				Carnelian
1 - 50 BC	-50	-1				Carnelian
1 - 50 BC	-50	-1				Carnelian
1st - 2nd century AD	1	200				Carnelian
AD 150 - 200	150	200				Carnelian
25 - 50 BC	-50	-25				Carnelian
1st century AD	1	100				Onyx (Nicolo)
30 BC - 68 AD	-30	68				Carnelian
30 BC - 68 AD	-30	68				Carnelian
30 BC - 68 AD	-30	68				Carnelian
late 1st century BC - 1st century AD	-30	100				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200			Iron	Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,112	Thorvaldsens online	i1532	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,113	Thorvaldsens online	i1530	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,114	Thorvaldsens online	i1414	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,115	Thorvaldsens online	i1135	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,116	Thorvaldsens online	i1751	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,117	Thorvaldsens online	i1611	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,118	Thorvaldsens online	i1169	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,119	Thorvaldsens online	i1180	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,120	Thorvaldsens online	i720	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,121	Thorvaldsens online	i1371	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,122	Thorvaldsens online	i1364	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,123	Thorvaldsens online	i1366	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,124	Thorvaldsens online	i1579	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,125	Thorvaldsens online	i1751	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,126	Thorvaldsens online	i290	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,127	Thorvaldsens online	i361	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,128	Thorvaldsens online	i630	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,129	Thorvaldsens online	i1822	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,130	Thorvaldsens online	i186	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,131	Thorvaldsens online	i192	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,132	Thorvaldsens online	i193	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,133	Thorvaldsens online	i189	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,134	Thorvaldsens online	i517	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,135	Thorvaldsens online	i228	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,136	Thorvaldsens online	i84	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,137	Thorvaldsens online	i694	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,138	Thorvaldsens online	i2047	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,139	Thorvaldsens online	i668	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,140	Thorvaldsens online	i787	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,141	Thorvaldsens online	i802	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,142	Thorvaldsens online	i583	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,143	Thorvaldsens online	i664	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,144	Thorvaldsens online	i732	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,145	Thorvaldsens online	i731	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,146	Thorvaldsens online	i746	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,147	Thorvaldsens online	i1105	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,148	Thorvaldsens online	i1295	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,149	Thorvaldsens online	i1284	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,150	Thorvaldsens online	i1572	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,151	Thorvaldsens online	i1235	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,152	Thorvaldsens online	i704	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,153	Thorvaldsens online	i1383	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,154	Thorvaldsens online	i1387	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,155	Thorvaldsens online	i1504	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,156	Thorvaldsens online	i742	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,157	Thorvaldsens online	i743	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,158	Thorvaldsens online	i740	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,159	Thorvaldsens online	i739	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,160	Thorvaldsens online	i1479	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,161	Thorvaldsens online	i874	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,162	Thorvaldsens online	i149	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,163	Thorvaldsens online	i883	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,164	Thorvaldsens online	i1906	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,165	Thorvaldsens online	i1787	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,166	Thorvaldsens online	i326	Thorvaldsens Museum, Copenhagen	Ring
2,167	Thorvaldsens online	i1430	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200			Gold, Iron	Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,168	Thorvaldsens online	i1670	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,169	Thorvaldsens online	i125	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,170	Thorvaldsens online	i128	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,171	Thorvaldsens online	i1443	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,172	Thorvaldsens online	i405	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,173	Thorvaldsens online	i490	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,174	Thorvaldsens online	i441	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,175	Thorvaldsens online	i265	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,176	Thorvaldsens online	i500	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,177	Thorvaldsens online	i465	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,178	Thorvaldsens online	i459	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,179	Thorvaldsens online	i481	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,180	Thorvaldsens online	i454	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,181	Thorvaldsens online	i476	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,182	Thorvaldsens online	i529	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,183	Thorvaldsens online	i634	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,184	Thorvaldsens online	i594	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,185	Thorvaldsens online	i586	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,186	Thorvaldsens online	i1502	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,187	Thorvaldsens online	i359	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,188	Thorvaldsens online	i1096	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,189	Thorvaldsens online	i1501	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,190	Thorvaldsens online	i1615	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,191	Thorvaldsens online	i758	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,192	Thorvaldsens online	i761	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,193	Thorvaldsens online	i1491	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,194	Thorvaldsens online	i1522	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,195	Thorvaldsens online	i1833	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,196	Thorvaldsens online	i1400	Thorvaldsens Museum, Copenhagen	Ring
2,197	Thorvaldsens online	i136	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,198	Thorvaldsens online	i1570	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,199	Thorvaldsens online	i398	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,200	Thorvaldsens online	i1535	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,201	Thorvaldsens online	i1439	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,202	Thorvaldsens online	i187	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,203	Thorvaldsens online	i217	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,204	Thorvaldsens online	i319	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,205	Thorvaldsens online	i287	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,206	Thorvaldsens online	i765	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,207	Thorvaldsens online	i582	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,208	Thorvaldsens online	i657	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,209	Thorvaldsens online	i1832	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,210	Thorvaldsens online	i1544	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,211	Thorvaldsens online	i133	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,212	Thorvaldsens online	i812	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,213	Thorvaldsens online	i814	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,214	Thorvaldsens online	i829	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,215	Thorvaldsens online	i806	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,216	Thorvaldsens online	i819	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,217	Thorvaldsens online	i820	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,218	Thorvaldsens online	i700	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,219	Thorvaldsens online	i836	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,220	Thorvaldsens online	i428	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,221	Thorvaldsens online	i285	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,222	Thorvaldsens online	i688	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,223	Thorvaldsens online	i1583	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200			Iron	Carnelian
late 1st century BC - 2nd century AD	-30	200		

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,224	Thorvaldsens online	i87	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,225	Thorvaldsens online	i98	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,226	Thorvaldsens online	i90	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,227	Thorvaldsens online	i91	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,228	Thorvaldsens online	i1777	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,229	Thorvaldsens online	i1800	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,230	Thorvaldsens online	i693	Thorvaldsens Museum, Copenhagen	Ring
2,231	Thorvaldsens online	i691	Thorvaldsens Museum, Copenhagen	Ring
2,232	Thorvaldsens online	i315	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,233	Thorvaldsens online	i1765	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,234	Thorvaldsens online	i1569	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,235	Thorvaldsens online	i1372	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,236	Thorvaldsens online	i1299	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,237	Thorvaldsens online	i1373	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,238	Thorvaldsens online	i736	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,239	Thorvaldsens online	i609	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,240	Thorvaldsens online	i1132	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,241	Thorvaldsens online	i507	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,242	Thorvaldsens online	i1486	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,243	Thorvaldsens online	i1248	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,244	Thorvaldsens online	i1255	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,245	Thorvaldsens online	i1469	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,246	Thorvaldsens online	i768	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,247	Thorvaldsens online	i646	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,248	Thorvaldsens online	i69	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,249	Thorvaldsens online	i608	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,250	Thorvaldsens online	i1126	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,251	Thorvaldsens online	i1476	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200			Iron	Carnelian
late 1st century BC - 2nd century AD	-30	200			Iron	Carnelian
late 1st century BC - 2nd century AD	-30	200		

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,252	Thorvaldsens online	i357	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,253	Thorvaldsens online	i1226	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,254	Thorvaldsens online	i1231	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,255	Thorvaldsens online	i358	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,256	Thorvaldsens online	i628	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,257	Thorvaldsens online	i1646	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,258	Thorvaldsens online	i1506	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,259	Thorvaldsens online	i388	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,260	Thorvaldsens online	i381	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,261	Thorvaldsens online	i751	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,262	Thorvaldsens online	i752	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,263	Thorvaldsens online	i1802	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,264	Thorvaldsens online	i1130	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,265	Thorvaldsens online	i1165	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,266	Thorvaldsens online	i411	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,267	Thorvaldsens online	i386	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,268	Thorvaldsens online	i394	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,269	Thorvaldsens online	i383	Thorvaldsens Museum, Copenhagen	Ring
2,270	Thorvaldsens online	i385	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,271	Thorvaldsens online	i1600	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,272	Thorvaldsens online	i430	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,273	Thorvaldsens online	i206	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,274	Thorvaldsens online	i203	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,275	Thorvaldsens online	i706	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,276	Thorvaldsens online	i995	Thorvaldsens Museum, Copenhagen	Ring
2,277	Thorvaldsens online	i1641	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,278	Thorvaldsens online	i1070	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,279	Thorvaldsens online	i1042	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,280	Thorvaldsens online	i1405	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,281	Thorvaldsens online	i1409	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,282	Thorvaldsens online	i1067	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,283	Thorvaldsens online	i1030	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,284	Thorvaldsens online	i1640	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,285	Thorvaldsens online	i1668	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,286	Thorvaldsens online	i1801	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,287	Thorvaldsens online	i1531	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,288	Thorvaldsens online	i1527	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,289	Thorvaldsens online	i784	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,290	Thorvaldsens online	i641	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,291	Thorvaldsens online	i643	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,292	Thorvaldsens online	i553	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,293	Thorvaldsens online	i568	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,294	Thorvaldsens online	i848	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,295	Thorvaldsens online	i850	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,296	Thorvaldsens online	i1644	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,297	Thorvaldsens online	i426	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,298	Thorvaldsens online	i578	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,299	Thorvaldsens online	i574	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,300	Thorvaldsens online	i1611	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,301	Thorvaldsens online	i558	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,302	Thorvaldsens online	i1249	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,303	Thorvaldsens online	i1505	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,304	Thorvaldsens online	i532	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,305	Thorvaldsens online	i531	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,306	Thorvaldsens online	i851	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,307	Thorvaldsens online	i1274	Thorvaldsens Museum, Copenhagen	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,308	Thorvaldsens online	i881	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,309	Thorvaldsens online	i949	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,310	Thorvaldsens online	i1269	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,311	Thorvaldsens online	i1268	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,312	Thorvaldsens online	i1162	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,313	Thorvaldsens online	i104	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,314	Thorvaldsens online	i1322	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,315	Thorvaldsens online	i1302	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,316	Thorvaldsens online	i1308	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,317	Thorvaldsens online	i1523	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,318	Thorvaldsens online	i404	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,319	Thorvaldsens online	i294	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,320	Thorvaldsens online	i292	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,321	Thorvaldsens online	i295	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,322	Thorvaldsens online	i1314	Thorvaldsens Museum, Copenhagen	Ring
2,323	AG Vienna	1755	Kunsthistorisches Museum Wien	Engraved Gem
2,324	Thorvaldsens online	i998	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,325	MFA online	27.731	Museum of Fine Arts, Boston	Engraved Gem
2,326	RMO online	GS-00207	National Museum of Antiquities, Leiden	Engraved Gem
2,327	RMO online	GS-00215	National Museum of Antiquities, Leiden	Engraved Gem
2,328	RMO online	GS-00226	National Museum of Antiquities, Leiden	Ring
2,329	RMO online	GS-00240	National Museum of Antiquities, Leiden	Engraved Gem
2,330	RMO online	GS-00242	National Museum of Antiquities, Leiden	Engraved Gem
2,331	RMO online	GS-00245	National Museum of Antiquities, Leiden	Engraved Gem
2,332	RMO online	GS-00251	National Museum of Antiquities, Leiden	Engraved Gem
2,333	RMO online	GS-00254	National Museum of Antiquities, Leiden	Engraved Gem
2,334	RMO online	GS-00257	National Museum of Antiquities, Leiden	Engraved Gem
2,335	RMO online	GS-00259	National Museum of Antiquities, Leiden	Engraved Gem
2,336	RMO online	GS-00265	National Museum of Antiquities, Leiden	Engraved Gem
2,337	RMO online	GS-00268	National Museum of Antiquities, Leiden	Engraved Gem
2,338	RMO online	GS-00306	National Museum of Antiquities, Leiden	Engraved Gem
2,339	RMO online	GS-00319	National Museum of Antiquities, Leiden	Engraved Gem
2,340	RMO online	GS-00361	National Museum of Antiquities, Leiden	Engraved Gem
2,341	RMO online	GS-00362	National Museum of Antiquities, Leiden	Engraved Gem
2,342	Berlin 2007	176	Staatliche Museen zu Berlin	Engraved Gem
2,343	AG Vienna	1938	Kunsthistorisches Museum Wien	Engraved Gem
2,344	Berlin 2007	179	Staatliche Museen zu Berlin	Engraved Gem
2,345	Getty Online	85.AN.370.67	J. Paul Getty Museum	Engraved Gem
2,346	Berlin 2007	181	Staatliche Museen zu Berlin	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200				Carnelian
late 1st century BC - 2nd century AD	-30	200			Iron	Carnelian
AD 50 - 100	50	100				Carnelian
27 BC - AD 37	-27	37				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1			Gold	Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
late 1st century BC	-25	-1				Carnelian
1 - 50 BC	-50	-1				Carnelian
AD 50 - 100	50	100				Carnelian
late 2nd century AD	175	200				Carnelian
late 1st century BC	-25	-1				Carnelian
AD 150 - 200	150	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,347	Berlin 2007	185	Staatliche Museen zu Berlin	Engraved Gem
2,348	Berlin 2007	188	Staatliche Museen zu Berlin	Engraved Gem
2,349	Berlin 2007	189	Staatliche Museen zu Berlin	Engraved Gem
2,350	Berlin 2007	194	Staatliche Museen zu Berlin	Engraved Gem
2,351	Berlin 1975	Tafel 30. 4-5	Staatliche Museen zu Berlin	Necklace
2,352	RMO online	GS-00387	National Museum of Antiquities, Leiden	Engraved Gem
2,353	Aquileia 1996	97 (inv. 964/296)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,354	Aquileia 1996	128 (inv. 1075/44)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,355	Aquileia 1996	185 (inv. 875/20)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,356	Aquileia 1996	192 (inv. 881/196)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,357	Aquileia 1996	76 (inv. 1101/41)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,358	RMO online	GS-00373	National Museum of Antiquities, Leiden	Engraved Gem
2,359	RMO online	GS-00375	National Museum of Antiquities, Leiden	Engraved Gem
2,360	RMO online	GS-00376	National Museum of Antiquities, Leiden	Engraved Gem
2,361	RMO online	GS-00377	National Museum of Antiquities, Leiden	Engraved Gem
2,362	RMO online	GS-00378	National Museum of Antiquities, Leiden	Engraved Gem
2,363	RMO online	GS-00379	National Museum of Antiquities, Leiden	Engraved Gem
2,364	RMO online	GS-00380	National Museum of Antiquities, Leiden	Engraved Gem
2,365	RMO online	GS-00382	National Museum of Antiquities, Leiden	Engraved Gem
2,366	RMO online	GS-00383	National Museum of Antiquities, Leiden	Engraved Gem
2,367	RMO online	GS-00384	National Museum of Antiquities, Leiden	Engraved Gem
2,368	RMO online	GS-00385	National Museum of Antiquities, Leiden	Engraved Gem
2,369	RMO online	GS-00386	National Museum of Antiquities, Leiden	Engraved Gem
2,370	RMO online	GS-00388	National Museum of Antiquities, Leiden	Engraved Gem
2,371	RMO online	GS-00389	National Museum of Antiquities, Leiden	Engraved Gem
2,372	RMO online	GS-00393	National Museum of Antiquities, Leiden	Engraved Gem
2,373	RMO online	GS-00405	National Museum of Antiquities, Leiden	Engraved Gem
2,374	RMO online	GS-00407	National Museum of Antiquities, Leiden	Engraved Gem
2,375	RMO online	GS-00408	National Museum of Antiquities, Leiden	Engraved Gem
2,376	RMO online	GS-00409	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
AD 150 - 200	150	200				Carnelian
1st century AD	1	100				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
2nd century AD	101	200				Carnelian
2nd - 3rd century AD	101	300			Gold	Carnelian
late 1st century BC - Early 1st century AD	-25	25				Carnelian
late 1st century BC - 1st century AD	-25	100				Carnelian
late 1st century BC - 1st century AD	-25	100				Carnelian
late 1st century BC - 1st century AD	-25	100				Carnelian
late 1st century BC - 1st century AD	-25	100				Carnelian
late 1st century BC - 1st century AD	-25	100				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
last 1st century BC - 1st quarter 1st century AD	-25	25				Carnelian
last 1st century BC - 1st quarter 1st century AD	-25	25				Carnelian
last 1st century BC - 1st quarter 1st century AD	-25	25				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,377	RMO online	GS-00421	National Museum of Antiquities, Leiden	Engraved Gem
2,378	Aquileia 1996	28 (inv. 1129/118)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,379	Aquileia 1996	109 (inv. 809/302)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,380	Aquileia 1996	139 (inv. 923/282)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,381	Aquileia 1996	52 (inv. 1195/77)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,382	Xanten 1987/1994	212	LVR-Archäologischer Park Xanten	Engraved Gem
2,383	Xanten 1987/1994	251	LVR-Archäologischer Park Xanten	Engraved Gem
2,384	Guiraud 1988/2008	694	Musée Archéologique, Dijon	Engraved Gem
2,385	Guiraud 1988/2008	281	Musée Archéologique, Saintes	Ring
2,386	Guiraud 1988/2008	279	Musée d'Art ed d'Histoire, Genève	Ring
2,387	MFA online	27.733	Museum of Fine Arts, Boston	Engraved Gem
2,388	MFA online	21.1216	Museum of Fine Arts, Boston	Engraved Gem
2,389	MFA online	23.588	Museum of Fine Arts, Boston	Engraved Gem
2,390	Guiraud 1988/2008	818	Private Collection	Engraved Gem
2,391	Xanten 1987/1994	69	LVR-Archäologischer Park Xanten	Engraved Gem
2,392	Aquileia 1966	372 (inv. 24507)	The National Archaeological Museum of Aquileia	Engraved Gem
2,393	Aquileia 1966	709 (inv. 25041)	The National Archaeological Museum of Aquileia	Engraved Gem
2,394	Aquileia 1966	936 (inv. 26881)	The National Archaeological Museum of Aquileia	Engraved Gem
2,395	Aquileia 1966	1033 (inv. 24705)	The National Archaeological Museum of Aquileia	Engraved Gem
2,396	Marshman 2016	39.14	The Collection Museum, Lincoln	Ring
2,397	Xanten 1987/1994	180	LVR-Archäologischer Park Xanten	Engraved Gem
2,398	Bologna 1987	48 (inv. Gl. 21)	Museo Civico Archeologico di Bologna	Engraved Gem
2,399	Bologna 1987	53 (inv. Gl. 92)	Museo Civico Archeologico di Bologna	Engraved Gem
2,400	Bologna 1987	62 (inv. Gl. 230)	Museo Civico Archeologico di Bologna	Engraved Gem
2,401	Guiraud 1988/2008	719	Musée de la Société Archéologique, Avesnes-sur-Helpe	Engraved Gem
2,402	Marshman 2016	66.06	Ashmolean Museum	Engraved Gem
2,403	Guiraud 1988/2008	353	Musée gallo-romain de Lyon-Fourvière	Ring
2,404	Guiraud 1988/2008	521	Private Collection	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
last 1st century BC - 1st quarter 1st century AD	-25	25				Carnelian
last 1st century BC - early 1st century AD	-25	25				Carnelian
last 1st century BC - early 1st century AD	-25	25				Carnelian
last 1st century BC - early 1st century AD	-25	25				Carnelian
last 1st century BC - early 1st century AD	-25	-25				Carnelian
late 1st century BC	-25	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
late 1st century BC	-25	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
late 1st century BC	-25	-1	France	Mont Beuvray		Carnelian
late 1st century BC	-25	-1	France	Saintes	Gold	Carnelian
late 1st century BC	-25	-1	France	Annecy	Gold	Carnelian
31 - 27 BC	-31	-27				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
1st century BC - 1st century AD	-100	100				Carnelian
late 1st century BC	-25	-1	France	Lapalme		Carnelian
late 1st century BC	-25	-1	Germany	Fürstenberg And Its Environs		Carnelian
late 1st century BC - early 1st century AD	-25	25	Italy	Aquileia		Carnelian
late 1st century BC - early 1st century AD	-25	25	Italy	Aquileia		Carnelian
late 1st century BC - early 1st century AD	-25	25	Italy	Aquileia		Carnelian
late 1st century BC - early 1st century AD	-25	25	Italy	Aquileia		Carnelian
late 1st century BC - early 1st century AD	-25	25	Britain	Miningsby	Silver	Carnelian
late 1st century BC - Mid 1st century AD	-25	50	Germany	Andere Fundorte / Ohne Fundort		Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25				Carnelian
late 1st century BC - early 1st century AD	-25	25	France	Bavay		Carnelian
late 1st century BC - early 1st century AD	-25	25	Britain	Folkestone		Carnelian
late 1st century BC - early 1st century AD	-25	25	France	Boistray	Gold	Carnelian
late 1st century BC - early 1st century AD	-25	25	France	Maureilhan		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,405	Marshman 2016	39.12	Private Collection	Engraved Gem
2,406	AG Vienna	1622	Kunsthistorisches Museum Wien	Engraved Gem
2,407	Berlin 2007	26	Staatliche Museen zu Berlin	Engraved Gem
2,408	AGD Hannover	491	Museum August Kestner-Hannover	Engraved Gem
2,409	AGD Hannover	492	Museum August Kestner-Hannover	Engraved Gem
2,410	AGD Hannover	494	Museum August Kestner-Hannover	Engraved Gem
2,411	Berlin 2007	197	Staatliche Museen zu Berlin	Engraved Gem
2,412	Getty Online	85.AN.370.77	J. Paul Getty Museum	Ring
2,413	Getty Online	85.AN.370.71	J. Paul Getty Museum	Necklace
2,414	Berlin 1975	Tafel 29. 5	Staatliche Museen zu Berlin	Necklace
2,415	Berlin 2007	199	Staatliche Museen zu Berlin	Engraved Gem
2,416	Berlin 2007	201	Staatliche Museen zu Berlin	Engraved Gem
2,417	RMO online	GS-01156	National Museum of Antiquities, Leiden	Engraved Gem
2,418	Thorvaldsens online	i283	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,419	Thorvaldsens online	i805	Thorvaldsens Museum, Copenhagen	Engraved Gem
2,420	Hendler 2016	32	Hendler Collection	Ring
2,421	Marshman 2016	14.33	Private Collection	Ring
2,422	Guiraud 1988/2008	750	Musée Archéologique, Brenteuil-sur-Noye	Engraved Gem
2,423	Guiraud 1988/2008	751	Musée Archéologique, Brenteuil-sur-Noye	Engraved Gem
2,424	Ashmolean Online	ANFortnum.FR.164	Ashmolean Museum	Ring
2,425	Ashmolean Online	AN1927.6548.b	Ashmolean Museum	Engraved Gem
2,426	Walters Online	42.135	Walters Art Museum	Ring
2,427	Walters Online	42.127	Walters Art Museum	Ring
2,428	BM online	1859,0301.112	British Museum	Engraved Gem
2,429	BM online	1872,0604.954	British Museum	Ring
2,430	BM online	1756,0102.45	British Museum	Engraved Gem
2,431	BM online	1929,0412.5	British Museum	Ring
2,432	BM online	2009,8016.1	British Museum	Ring
2,433	BM online	1886,0830.6	British Museum	Engraved Gem
2,434	BM online	1973,0801.1	British Museum	Engraved Gem
2,435	BM online	1890,0601.157	British Museum	Engraved Gem
2,436	BM online	1756,0102.87	British Museum	Engraved Gem
2,437	BM online	1890,0601.97	British Museum	Engraved Gem
2,438	Guiraud 1988/2008	740	Dépôt de fouilles de Gaujac	Engraved Gem
2,439	Guiraud 1988/2008	394	Dépôt de fouilles, Grand	Engraved Gem
2,440	Getty Online	82.AN.162.45	J. Paul Getty Museum	Engraved Gem
2,441	Getty Online	83.AN.353.11	J. Paul Getty Museum	Engraved Gem
2,442	Getty Online	79.AN.8.3	J. Paul Getty Museum	Engraved Gem
2,443	Getty Online	83.AN.256.1	J. Paul Getty Museum	Engraved Gem
2,444	Getty Online	82.AN.162.50	J. Paul Getty Museum	Engraved Gem
2,445	Hendler 2016	86	Hendler Collection	Engraved Gem
2,446	Hendler 2016	95	Hendler Collection	Engraved Gem
2,447	Hendler 2016	98	Hendler Collection	Engraved Gem
2,448	Hendler 2016	106	Hendler Collection	Engraved Gem
2,449	Hendler 2016	110	Hendler Collection	Engraved Gem
2,450	Hendler 2016	135	Hendler Collection	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
late 1st century BC early 1st century AD	-25	25	Britain	Braintree		Carnelian
2nd century AD	101	200				Carnelian
10 - 1 BC	-10	-1				Carnelian
50 - 25 BC	-50	-25				Carnelian
50 - 1 BC	-50	-1				Onyx (Nicolo)
50 - 1 BC	-50	-1				Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
2nd - 1st century BC	-200	-1			Gold	Garnet
1st century AD	1	100				Carnelian
1st century AD	1	100			Gold	Garnet
2nd century AD	101	200				Carnelian
25 - 50 BC	-50	-25				Carnelian
1st century BC	-100	-1				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st - early 2nd century AD	1	125	Israel	Caesarea	Iron	Carnelian
1st - early 2nd century AD	1	125	Britain	Goadby Marwood	Silver	Carnelian
1st - 2nd century AD	1	200	France	Vendeuil-Caply		Carnelian
1st - 2nd century AD	1	200	France	Vandeuil-Caply		Carnelian
1st - 2nd century AD	1	200			Bronze	Carnelian
27 BC - AD 395	-27	395				Carnelian
1st century BC - 2nd century AD	-100	200			Gold	Onyx
1st century BC - 1st century AD	-100	1--			Gold	Agate
1st - 2nd century AD	1	200				Carnelian
1st - 3rd century AD	1	300			Bronze	Carnelian
1st - 3rd century AD	1	300				Carnelian
2nd century AD	101	200	Britain	Thames River	Silver	Carnelian
AD 100 - 300	100	300	Britain	Lacock	Gold	Carnelian
3rd - 4th century AD	301	400				Carnelian
4th century AD	301	400				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 3rd century AD	1	300				Carnelian
1st - 3rd century AD	1	300				Carnelian
1st - 2nd century AD	1	200	France	Gaujac		Carnelian
1st - 2nd century AD	1	200	France	La Roquebrussanne		Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2,451	Hendler 2016	152	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
2,452	Hendler 2016	6	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
2,453	Hendler 2016	34	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
2,454	Hendler 2016	39	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
2,455	Hendler 2016	57	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
2,456	Hendler 2016	71	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
2,457	Hendler 2016	72	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
2,458	Berlin 2007	27	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
2,459	Berlin 2007	30	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
2,460	Berlin 2007	35	Staatliche Museen zu Berlin	Engraved Gem	early 1st century BC	-100	-75				Carnelian
2,461	Berlin 2007	41	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
2,462	Berlin 2007	44	Staatliche Museen zu Berlin	Engraved Gem	early 2nd century AD	101	125				Carnelian
2,463	Berlin 2007	45	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,464	Berlin 2007	46	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
2,465	Berlin 2007	47	Staatliche Museen zu Berlin	Engraved Gem	1 - 33 BC	-33	-1				Carnelian
2,466	Berlin 2007	50	Staatliche Museen zu Berlin	Engraved Gem	1 - 25 BC	-25	-1				Carnelian
2,467	Berlin 2007	51	Staatliche Museen zu Berlin	Engraved Gem	2nd - 1st century BC	-200	-1				Carnelian
2,468	AG Vienna	2046	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100	Egypt			Carnelian
2,469	AG Vienna	2055	Kunsthistorisches Museum Wien	Engraved Gem	1st - 2nd century AD	1	200	Egypt			Carnelian
2,470	Xanten 1987/1994	93	LVR-Archäologischer Park Xanten	Engraved Gem	1st - 2nd century AD	1	200	Germany	Fürstenberg And Its Environs		Carnelian
2,471	Xanten 1987/1994	97	LVR-Archäologischer Park Xanten	Engraved Gem	1st - 2nd century AD	1	200	Germany	Fürstenberg And Its Environs		Carnelian
2,472	Xanten 1987/1994	98	LVR-Archäologischer Park Xanten	Engraved Gem	1st - 2nd century AD	1	200	Germany	Fürstenberg And Its Environs		Carnelian
2,473	Met Online	74.51.4234	Metropolitan Museum of Art, New York	Ring	1st - 3rd century AD	1	300			Gold	Carnelian
2,474	Met Online	74.51.4264	Metropolitan Museum of Art, New York	Ring	1st - 2nd century AD	1	200			Gold	Agate
2,475	Met Online	10.130.1386	Metropolitan Museum of Art, New York	Engraved Gem	2nd century AD	101	200				Agate
2,476	Met Online	41.160.684	Metropolitan Museum of Art, New York	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
2,477	Guiraud 1988/2008	163	Musée Archéologique, Nîmes	Engraved Gem	1st - 2nd century AD	1	200	France	Nîmes		Carnelian
2,478	Guiraud 1988/2008	386	Musée Archéologique, Saintes	Engraved Gem	1st - 2nd century AD	1	200	France	Thénac		Carnelian
2,479	Guiraud 1988/2008	395	Musée Barrois, Bar-le-Duc	Engraved Gem	1st - 2nd century AD	1	200	France	Grand		Carnelian
2,480	Guiraud 1988/2008	397	Musée Barrois, Bar-le-Duc	Engraved Gem	1st - 2nd century AD	1	200	France	Naix-Aux-Forges		Carnelian
2,481	Guiraud 1988/2008	718	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	1st - 2nd century AD	1	200	France	Vaison-La-Romaine		Carnelian
2,482	Guiraud 1988/2008	786	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring	1st - 2nd century AD	1	200	France	Nord De L'Auvergne	Gold	Carnelian
2,483	Guiraud 1988/2008	819	Musée d'Art ed d'Histoire, Metz	Engraved Gem	1st - 2nd century AD	1	200	France	Metz		Carnelian
2,484	Guiraud 1988/2008	203	Musée de la Chartreuse, Douai	Engraved Gem	1st - 2nd century AD	1	200	France	Douai		Carnelian
2,485	Guiraud 1988/2008	424	Musée Départemental des Vosges	Engraved Gem	1st - 2nd century AD	1	200	France	D'Epinal		Carnelian
2,486	Guiraud 1988/2008	788	Musée du Périgord	Engraved Gem	1st - 2nd century AD	1	200	France	Périgueux		Carnelian
2,487	Guiraud 1988/2008	715	Musée St-Didier	Engraved Gem	1st - 2nd century AD	1	200	France	Langres		Carnelian
2,488	Guiraud 1988/2008	950	Musée, Alise-Sainte-Reine	Engraved Gem	1st - 2nd century AD	1	200	France	Alésia		Carnelian
2,489	Aquileia 1996	48 (inv. 1305/277)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,490	Aquileia 1996	142 (inv. 1427)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,491	Aquileia 1996	145 (inv. 460)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st - 2nd century AD	1	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,492	Aquileia 1996	150 (inv. 488/468)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,493	Bologna 1987	118 (inv. Gl. 180)	Museo Civico Archeologico di Bologna	Engraved Gem
2,494	Bologna 1987	119 (inv. Gl. 22)	Museo Civico Archeologico di Bologna	Engraved Gem
2,495	Bologna 1987	120 (inv. Gl. 265)	Museo Civico Archeologico di Bologna	Engraved Gem
2,496	AGD Hannover	542	Museum August Kestner-Hannover	Engraved Gem
2,497	AGD Hannover	546	Museum August Kestner-Hannover	Engraved Gem
2,498	AGD Hannover	550	Museum August Kestner-Hannover	Engraved Gem
2,499	AGD Hannover	553	Museum August Kestner-Hannover	Engraved Gem
2,500	Carnuntum 2005	160	Kunsthistorisches Museum Wien	Engraved Gem
2,501	Carnuntum 2005	223	Kunsthistorisches Museum Wien	Engraved Gem
2,502	Berlin 2007	217	Staatliche Museen zu Berlin	Engraved Gem
2,503	MFA online	27.730	Museum of Fine Arts, Boston	Engraved Gem
2,504	MFA online	19.74	Museum of Fine Arts, Boston	Engraved Gem
2,505	MFA online	99.358	Museum of Fine Arts, Boston	Engraved Gem
2,506	MFA online	13.232	Museum of Fine Arts, Boston	Engraved Gem
2,507	MFA online	21.1218	Museum of Fine Arts, Boston	Ring
2,508	MFA online	27.713	Museum of Fine Arts, Boston	Engraved Gem
2,509	MFA online	23.343	Museum of Fine Arts, Boston	Earring
2,510	RMO online	GS-00470	National Museum of Antiquities, Leiden	Engraved Gem
2,511	RMO online	GS-00471	National Museum of Antiquities, Leiden	Engraved Gem
2,512	RMO online	GS-00472	National Museum of Antiquities, Leiden	Engraved Gem
2,513	RMO online	GS-00481	National Museum of Antiquities, Leiden	Engraved Gem
2,514	RMO online	GS-00517	National Museum of Antiquities, Leiden	Engraved Gem
2,515	RMO online	GS-00634	National Museum of Antiquities, Leiden	Engraved Gem
2,516	RMO online	GS-00648	National Museum of Antiquities, Leiden	Engraved Gem
2,517	RMO online	GS-00649	National Museum of Antiquities, Leiden	Engraved Gem
2,518	RMO online	GS-00650	National Museum of Antiquities, Leiden	Engraved Gem
2,519	RMO online	GS-00651	National Museum of Antiquities, Leiden	Engraved Gem
2,520	RMO online	GS-00653	National Museum of Antiquities, Leiden	Engraved Gem
2,521	RMO online	GS-00661	National Museum of Antiquities, Leiden	Engraved Gem
2,522	RMO online	GS-00662	National Museum of Antiquities, Leiden	Engraved Gem
2,523	RMO online	GS-00664	National Museum of Antiquities, Leiden	Engraved Gem
2,524	RMO online	GS-00666	National Museum of Antiquities, Leiden	Engraved Gem
2,525	RMO online	GS-00669	National Museum of Antiquities, Leiden	Engraved Gem
2,526	RMO online	GS-00673	National Museum of Antiquities, Leiden	Engraved Gem
2,527	RMO online	GS-00674	National Museum of Antiquities, Leiden	Engraved Gem
2,528	RMO online	GS-00688	National Museum of Antiquities, Leiden	Engraved Gem
2,529	RMO online	GS-00689	National Museum of Antiquities, Leiden	Engraved Gem
2,530	RMO online	GS-00693	National Museum of Antiquities, Leiden	Engraved Gem
2,531	RMO online	GS-00694	National Museum of Antiquities, Leiden	Engraved Gem
2,532	RMO online	GS-00696	National Museum of Antiquities, Leiden	Engraved Gem
2,533	RMO online	GS-00698	National Museum of Antiquities, Leiden	Engraved Gem
2,534	RMO online	GS-00700	National Museum of Antiquities, Leiden	Engraved Gem
2,535	RMO online	GS-00771	National Museum of Antiquities, Leiden	Engraved Gem
2,536	RMO online	GS-00773	National Museum of Antiquities, Leiden	Engraved Gem
2,537	RMO online	GS-00779	National Museum of Antiquities, Leiden	Engraved Gem
2,538	RMO online	GS-00780	National Museum of Antiquities, Leiden	Engraved Gem
2,539	RMO online	GS-00782	National Museum of Antiquities, Leiden	Engraved Gem
2,540	RMO online	GS-00783	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
late 1st century BC	-10	-1				Carnelian
1st century BC	-100	-1				Carnelian
27 BC - AD 68	-27	68				Carnelian
10 - 1 BC	-10	-1				Carnelian
25 - 1 BC	-25	-1				Carnelian
1st century BC	-100	-1			Gold	Carnelian
1st century BC	-100	-1				Carnelian
90 BC - AD 50	-90	50			Gold	Carnelian
1st - 2nd century AD	1	200		

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,541	RMO online	GS-00784	National Museum of Antiquities, Leiden	Engraved Gem
2,542	RMO online	GS-00785	National Museum of Antiquities, Leiden	Engraved Gem
2,543	RMO online	GS-00786	National Museum of Antiquities, Leiden	Engraved Gem
2,544	RMO online	GS-00788	National Museum of Antiquities, Leiden	Engraved Gem
2,545	RMO online	GS-00789	National Museum of Antiquities, Leiden	Engraved Gem
2,546	RMO online	GS-00790	National Museum of Antiquities, Leiden	Engraved Gem
2,547	RMO online	GS-00791	National Museum of Antiquities, Leiden	Engraved Gem
2,548	RMO online	GS-00793	National Museum of Antiquities, Leiden	Engraved Gem
2,549	RMO online	GS-00794	National Museum of Antiquities, Leiden	Engraved Gem
2,550	RMO online	GS-00795	National Museum of Antiquities, Leiden	Engraved Gem
2,551	RMO online	GS-00796	National Museum of Antiquities, Leiden	Engraved Gem
2,552	RMO online	GS-00797	National Museum of Antiquities, Leiden	Engraved Gem
2,553	RMO online	GS-00799	National Museum of Antiquities, Leiden	Engraved Gem
2,554	RMO online	GS-00801	National Museum of Antiquities, Leiden	Engraved Gem
2,555	RMO online	GS-00802	National Museum of Antiquities, Leiden	Engraved Gem
2,556	RMO online	GS-00803	National Museum of Antiquities, Leiden	Engraved Gem
2,557	RMO online	GS-00804	National Museum of Antiquities, Leiden	Engraved Gem
2,558	RMO online	GS-00805	National Museum of Antiquities, Leiden	Engraved Gem
2,559	RMO online	GS-00808	National Museum of Antiquities, Leiden	Engraved Gem
2,560	RMO online	GS-00817	National Museum of Antiquities, Leiden	Engraved Gem
2,561	RMO online	GS-00819	National Museum of Antiquities, Leiden	Engraved Gem
2,562	RMO online	GS-00820	National Museum of Antiquities, Leiden	Engraved Gem
2,563	RMO online	GS-00821	National Museum of Antiquities, Leiden	Engraved Gem
2,564	RMO online	GS-00822	National Museum of Antiquities, Leiden	Engraved Gem
2,565	RMO online	GS-00823	National Museum of Antiquities, Leiden	Engraved Gem
2,566	RMO online	GS-00824	National Museum of Antiquities, Leiden	Engraved Gem
2,567	RMO online	GS-00825	National Museum of Antiquities, Leiden	Engraved Gem
2,568	RMO online	GS-00826	National Museum of Antiquities, Leiden	Engraved Gem
2,569	RMO online	GS-00829	National Museum of Antiquities, Leiden	Engraved Gem
2,570	RMO online	GS-00832	National Museum of Antiquities, Leiden	Engraved Gem
2,571	RMO online	GS-00834	National Museum of Antiquities, Leiden	Engraved Gem
2,572	RMO online	GS-00835	National Museum of Antiquities, Leiden	Engraved Gem
2,573	RMO online	GS-00836	National Museum of Antiquities, Leiden	Engraved Gem
2,574	RMO online	GS-00837	National Museum of Antiquities, Leiden	Engraved Gem
2,575	RMO online	GS-00838	National Museum of Antiquities, Leiden	Engraved Gem
2,576	RMO online	GS-00840	National Museum of Antiquities, Leiden	Engraved Gem
2,577	RMO online	GS-00841	National Museum of Antiquities, Leiden	Engraved Gem
2,578	RMO online	GS-00842	National Museum of Antiquities, Leiden	Engraved Gem
2,579	RMO online	GS-00844	National Museum of Antiquities, Leiden	Engraved Gem
2,580	RMO online	GS-00847	National Museum of Antiquities, Leiden	Engraved Gem
2,581	RMO online	GS-00849	National Museum of Antiquities, Leiden	Engraved Gem
2,582	RMO online	GS-00850	National Museum of Antiquities, Leiden	Engraved Gem
2,583	RMO online	GS-00851	National Museum of Antiquities, Leiden	Engraved Gem
2,584	RMO online	GS-00854	National Museum of Antiquities, Leiden	Engraved Gem
2,585	RMO online	GS-00855	National Museum of Antiquities, Leiden	Engraved Gem
2,586	RMO online	GS-00857	National Museum of Antiquities, Leiden	Engraved Gem
2,587	RMO online	GS-00858	National Museum of Antiquities, Leiden	Engraved Gem
2,588	RMO online	GS-00859	National Museum of Antiquities, Leiden	Engraved Gem
2,589	RMO online	GS-00860	National Museum of Antiquities, Leiden	Engraved Gem
2,590	RMO online	GS-00862	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 2nd century AD	1	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,591	RMO online	GS-00874	National Museum of Antiquities, Leiden	Engraved Gem
2,592	RMO online	GS-00875	National Museum of Antiquities, Leiden	Engraved Gem
2,593	RMO online	GS-00876	National Museum of Antiquities, Leiden	Engraved Gem
2,594	RMO online	GS-00877	National Museum of Antiquities, Leiden	Engraved Gem
2,595	RMO online	GS-00878	National Museum of Antiquities, Leiden	Engraved Gem
2,596	RMO online	GS-00879	National Museum of Antiquities, Leiden	Engraved Gem
2,597	RMO online	GS-00883	National Museum of Antiquities, Leiden	Engraved Gem
2,598	RMO online	GS-00890	National Museum of Antiquities, Leiden	Engraved Gem
2,599	RMO online	GS-00896	National Museum of Antiquities, Leiden	Engraved Gem
2,600	RMO online	GS-00897	National Museum of Antiquities, Leiden	Engraved Gem
2,601	RMO online	GS-00900	National Museum of Antiquities, Leiden	Engraved Gem
2,602	RMO online	GS-00901	National Museum of Antiquities, Leiden	Engraved Gem
2,603	RMO online	GS-00902	National Museum of Antiquities, Leiden	Engraved Gem
2,604	RMO online	GS-00903	National Museum of Antiquities, Leiden	Engraved Gem
2,605	RMO online	GS-00904	National Museum of Antiquities, Leiden	Engraved Gem
2,606	RMO online	GS-00905	National Museum of Antiquities, Leiden	Engraved Gem
2,607	RMO online	GS-00906	National Museum of Antiquities, Leiden	Engraved Gem
2,608	RMO online	GS-00907	National Museum of Antiquities, Leiden	Engraved Gem
2,609	RMO online	GS-00908	National Museum of Antiquities, Leiden	Engraved Gem
2,610	RMO online	GS-00909	National Museum of Antiquities, Leiden	Engraved Gem
2,611	RMO online	GS-00910	National Museum of Antiquities, Leiden	Engraved Gem
2,612	RMO online	GS-00911	National Museum of Antiquities, Leiden	Engraved Gem
2,613	RMO online	GS-00912	National Museum of Antiquities, Leiden	Engraved Gem
2,614	RMO online	GS-00913	National Museum of Antiquities, Leiden	Engraved Gem
2,615	RMO online	GS-00914	National Museum of Antiquities, Leiden	Engraved Gem
2,616	Guiraud 1988/2008	210	Palais des Archevêques de Narbonne	Engraved Gem
2,617	Carnuntum 2005	305	Kunsthistorisches Museum Wien	Engraved Gem
2,618	Carnuntum 2005	359	Kunsthistorisches Museum Wien	Engraved Gem
2,619	Fitzwilliam 1994	129	Fitzwilliam Museum	Engraved Gem
2,620	Fitzwilliam 1994	130	Fitzwilliam Museum	Engraved Gem
2,621	Fitzwilliam 1994	131	Fitzwilliam Museum	Engraved Gem
2,622	Fitzwilliam 1994	134	Fitzwilliam Museum	Engraved Gem
2,623	Fitzwilliam 1994	135	Fitzwilliam Museum	Engraved Gem
2,624	Carnuntum 2005	636	Kunsthistorisches Museum Wien	Engraved Gem
2,625	Carnuntum 2005	673	Kunsthistorisches Museum Wien	Engraved Gem
2,626	AG Munich	2414	Staatliche Antikensammlungen, Munich	Engraved Gem
2,627	AG Munich	2449	Staatliche Antikensammlungen, Munich	Engraved Gem
2,628	AG Munich	2462	Staatliche Antikensammlungen, Munich	Engraved Gem
2,629	AG Munich	2481	Staatliche Antikensammlungen, Munich	Engraved Gem
2,630	Getty Online	83.AN.353.8	J. Paul Getty Museum	Engraved Gem
2,631	AG Munich	2568	Staatliche Antikensammlungen, Munich	Engraved Gem
2,632	AG Munich	2603	Staatliche Antikensammlungen, Munich	Engraved Gem
2,633	AG Munich	2629	Staatliche Antikensammlungen, Munich	Engraved Gem
2,634	AG Munich	2630	Staatliche Antikensammlungen, Munich	Engraved Gem
2,635	AG Munich	2654	Staatliche Antikensammlungen, Munich	Engraved Gem
2,636	AG Munich	2664	Staatliche Antikensammlungen, Munich	Engraved Gem
2,637	AG Munich	2665	Staatliche Antikensammlungen, Munich	Engraved Gem
2,638	AG Munich	2680	Staatliche Antikensammlungen, Munich	Engraved Gem
2,639	AG Munich	2689	Staatliche Antikensammlungen, Munich	Engraved Gem
2,640	AG Munich	2691	Staatliche Antikensammlungen, Munich	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 2nd century AD	1	200				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
2,641	AG Munich	2707	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,642	AG Munich	2708	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,643	Getty Online	84.AN.1.44	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Chalcedony
2,644	AG Munich	2709	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,645	AG Munich	2714	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,646	AG Munich	2725	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,647	AG Munich	2733	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,648	AG Munich	2738	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,649	AG Munich	2741	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,650	AG Munich	2742	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,651	AG Munich	2780	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,652	AG Munich	2794	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,653	AG Munich	2795	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,654	AG Munich	2798	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,655	AG Munich	2820	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,656	AG Munich	2847	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,657	Berlin 2007	220	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-10	-1				Carnelian
2,658	Berlin 2007	222	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
2,659	Berlin 2007	227	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,660	Marshman 2016	8.00	Verulamium Museum	Engraved Gem	1st - 2nd century AD	1	200	Britain	Saint Albans		Carnelian
2,661	Wright 2001	12	Wright Collection	Engraved Gem	1st - 2nd century AD	1	200	Turkey	Silifke		Carnelian
2,662	BM online	2011,8021.1	British Museum	Engraved Gem	AD 43 - 199	43	199	Britain	Upton Grey		Carnelian
2,663	BM online	1894,0803.57	British Museum	Ring	1st - 2nd century AD	1	200	Britain	Slay Hill Saltings	Silver	Carnelian
2,664	BM online	1981,0905.3	British Museum	Earring	2nd - 4th century AD	101	400	Ukraine	Kerch	Gold	Carnelian
2,665	BM online	AF.331	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
2,666	BM online	AF.423	British Museum	Ring	3rd century AD	201	300	Britain	Gog Magog Hills	Gold	Carnelian
2,667	BM online	86.215	British Museum	Bead	30 BC - AD 300	-30	300	Egypt	Naukratis		Carnelian
2,668	Chabouillet 1858	Camée.151; Chabouillet.102	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	1st - 3rd century AD	1	300				Carnelian
2,669	BM online	1756,0102.33	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Carnelian
2,670	BM online	1890,0601.156	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Carnelian
2,671	BM online	AF.2626	British Museum	Ring	2nd - 4th century AD	101	400				Carnelian
2,672	BM online	AF.456	British Museum	Ring	2nd century AD	101	200	Britain	Chesterford	Silver	Carnelian
2,673	BM online	1870,0402.83	British Museum	Ring	3rd century AD	201	300	Britain	Colchester	Silver	Carnelian
2,674	BM online	1867,0719.3	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
2,675	BM online	1894,0520.3	British Museum	Engraved Gem	4th century AD	301	400				Carnelian
2,676	BM online	1966,0107.4	British Museum	Engraved Gem	4th century AD	301	400				Carnelian
2,677	BM online	1890,0601.64	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Carnelian
2,678	BM online	1938,0315.1	British Museum	Ring	2nd - 1st century BC	-200	-1			Gold	Carnelian
2,679	AG Vienna	2088	Kunsthistorisches Museum Wien	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
2,680	Guiraud 1988/2008	686	Centre de recherches archéologiques, Saint Marcel	Engraved Gem	1st - 3rd century AD	1	300	France	Saint-Marcel		Carnelian
2,681	Guiraud 1988/2008	857	Dépôt de fouilles, Nantes	Engraved Gem	1st - 3rd century AD	1	300	France	Mauves-Sur-Loire		Carnelian
2,682	Guiraud 1988/2008	216	Groupe archéologique, Gimont	Engraved Gem	1st - 3rd century AD	1	300	France	Lussan-Les-Bruches		Carnelian
2,683	Hendler 2016	127	Hendler Collection	Engraved Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
2,684	Hendler 2016	144	Hendler Collection	Engraved Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
2,685	Hendler 2016	196	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,686	Hendler 2016	198	Hendler Collection	Blank Gem
2,687	Hendler 2016	199	Hendler Collection	Blank Gem
2,688	Hendler 2016	200	Hendler Collection	Blank Gem
2,689	Hendler 2016	210	Hendler Collection	Blank Gem
2,690	Hendler 2016	166	Hendler Collection	Engraved Gem
2,691	Guiraud 1988/2008	757	Musée Archéologique, Bavay	Engraved Gem
2,692	Guiraud 1988/2008	956	Musée Archéologique, Châtellerault	Engraved Gem
2,693	Guiraud 1988/2008	489	Musée Archéologique, Laon	Ring
2,694	Guiraud 1988/2008	827	Musée Archéologique, Laon	Engraved Gem
2,695	Guiraud 1988/2008	253	Musée Départemental des Vosges	Engraved Gem
2,696	Guiraud 1988/2008	1011	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem
2,697	Guiraud 1988/2008	909	Musée historique, Mulhouse	Engraved Gem
2,698	Guiraud 1988/2008	488	Musée Hyères	Engraved Gem
2,699	Guiraud 1988/2008	973	Musée Ingres, Montauban	Engraved Gem
2,700	Guiraud 1988/2008	492	Musée Rolin, Autun, Autun	Engraved Gem
2,701	Guiraud 1988/2008	641	Musée Royan	Engraved Gem
2,702	Guiraud 1988/2008	815	Musée, Alise-Sainte-Reine	Engraved Gem
2,703	Fitzwilliam 1994	200	Fitzwilliam Museum	Engraved Gem
2,704	Fitzwilliam 1994	201	Fitzwilliam Museum	Engraved Gem
2,705	Fitzwilliam 1994	202	Fitzwilliam Museum	Engraved Gem
2,706	Fitzwilliam 1994	203	Fitzwilliam Museum	Engraved Gem
2,707	Fitzwilliam 1994	204	Fitzwilliam Museum	Engraved Gem
2,708	Fitzwilliam 1994	205	Fitzwilliam Museum	Engraved Gem
2,709	Fitzwilliam 1994	206	Fitzwilliam Museum	Engraved Gem
2,710	Fitzwilliam 1994	207	Fitzwilliam Museum	Engraved Gem
2,711	Fitzwilliam 1994	208	Fitzwilliam Museum	Engraved Gem
2,712	Fitzwilliam 1994	209	Fitzwilliam Museum	Engraved Gem
2,713	Fitzwilliam 1994	210	Fitzwilliam Museum	Engraved Gem
2,714	Fitzwilliam 1994	211	Fitzwilliam Museum	Engraved Gem
2,715	Fitzwilliam 1994	212	Fitzwilliam Museum	Engraved Gem
2,716	Fitzwilliam 1994	213	Fitzwilliam Museum	Engraved Gem
2,717	Fitzwilliam 1994	214	Fitzwilliam Museum	Engraved Gem
2,718	Guiraud 1988/2008	934	Palais des Archevêques de Narbonne	Engraved Gem
2,719	El-Kachab 1963	3	Private Collection	Engraved Gem
2,720	Fitzwilliam 1994	215	Fitzwilliam Museum	Engraved Gem
2,721	Fitzwilliam 1994	216	Fitzwilliam Museum	Engraved Gem
2,722	Fitzwilliam 1994	217	Fitzwilliam Museum	Engraved Gem
2,723	El-Kachab 1963	4	Private Collection	Engraved Gem
2,724	El-Kachab 1963	5	Private Collection	Engraved Gem
2,725	El-Kachab 1963	6	Private Collection	Engraved Gem
2,726	El-Kachab 1963	7	Private Collection	Engraved Gem
2,727	El-Kachab 1963	11	Private Collection	Engraved Gem
2,728	El-Kachab 1963	12	Private Collection	Engraved Gem
2,729	El-Kachab 1963	8	Private Collection	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
1st - 3rd century AD	1	300	France	Bavay		Carnelian
1st - 3rd century AD	1	300	France	Naintré		Carnelian
1st - 3rd century AD	1	300	France	Laon	Gold	Carnelian
1st - 3rd century AD	1	300	France	Laon		Carnelian
1st - 3rd century AD	1	300	France	Grand		Carnelian
1st - 3rd century AD	1	300	France	Beaune		Carnelian
1st - 3rd century AD	1	300	France	Huttenheim		Carnelian
1st - 3rd century AD	1	300	France	Hyères		Carnelian
1st - 3rd century AD	1	300	France	Montauban		Carnelian
1st - 3rd century AD	1	300	France	Autun		Carnelian
1st - 3rd century AD	1	300	France	Barzan		Carnelian
1st - 3rd century AD	1	300	France	Alésia		Carnelian
10 BC - AD 10	-10	10				Carnelian
50 - 1 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian (sard)
100 - 50 BC	-100	-50				Chalcedony
1st century BC	-100	-1				Carnelian (sard)
1st century BC	-100	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian (sard)
50 - 1 BC	-50	-1				Carnelian (sard)
10 BC - AD 10	-10	10				Onyx (Nicolo)
10 - 1 BC	-10	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian (sard)
1st century BC	-100	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
10 - 1 BC	-10	-1				Chalcedony
1st - 3rd century AD	1	300	France	Montlaures		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st century BC	-100	-1				Carnelian (sard)
1st century BC	-100	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian (sard)
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,730	El-Kachab 1963	13	Private Collection	Engraved Gem
2,731	El-Kachab 1963	15	Private Collection	Engraved Gem
2,732	El-Kachab 1963	17	Private Collection	Engraved Gem
2,733	El-Kachab 1963	18	Private Collection	Engraved Gem
2,734	El-Kachab 1963	19	Private Collection	Engraved Gem
2,735	El-Kachab 1963	22	Private Collection	Engraved Gem
2,736	El-Kachab 1963	29	Private Collection	Engraved Gem
2,737	El-Kachab 1963	25	Private Collection	Engraved Gem
2,738	El-Kachab 1963	1	Private Collection	Engraved Gem
2,739	AG Munich	2866	Staatliche Antikensammlungen, Munich	Engraved Gem
2,740	AG Munich	2867	Staatliche Antikensammlungen, Munich	Engraved Gem
2,741	AG Munich	2667	Staatliche Antikensammlungen, Munich	Engraved Gem
2,742	AG Munich	2668	Staatliche Antikensammlungen, Munich	Engraved Gem
2,743	AG Munich	2669	Staatliche Antikensammlungen, Munich	Engraved Gem
2,744	Met Online	81.6.129	Metropolitan Museum of Art, New York	Engraved Gem
2,745	Met Online	81.6.80	Metropolitan Museum of Art, New York	Engraved Gem
2,746	Met Online	81.6.145	Metropolitan Museum of Art, New York	Engraved Gem
2,747	Marshman 2016	144.39	Arbeia Roman Fort & Museum	Engraved Gem
2,748	Marshman 2016	27.01	Carmarthenshire Museum	Engraved Gem
2,749	Marshman 2016	9.59	Chester Site Museum	Engraved Gem
2,750	Marshman 2016	144.41	English Heritage Store Atcham	Engraved Gem
2,751	Marshman 2016	144.40	Great North Museum Hancock, Newcastle upon Tyne	Engraved Gem
2,752	Carnuntum 2005	766	Kunsthistorisches Museum Wien	Engraved Gem
2,753	Marshman 2016	21.01	Museum of Archaeology & Anthropology, Cambridge	Engraved Gem
2,754	Marshman 2016	1.05	Private Collection	Engraved Gem
2,755	Marshman 2016	1.22	Private Collection	Ring
2,756	Marshman 2016	10.05	Private Collection	Engraved Gem
2,757	Marshman 2016	25.49	Private Collection	Engraved Gem
2,758	Marshman 2016	50.04	Private Collection	Engraved Gem
2,759	Marshman 2016	68.04	Private Collection	Engraved Gem
2,760	Marshman 2016	81.15	Private Collection	Engraved Gem
2,761	Marshman 2016	107.18	Private Collection	Engraved Gem
2,762	Marshman 2016	118.12	Private Collection	Engraved Gem
2,763	Marshman 2016	122.17	Private Collection	Engraved Gem
2,764	Marshman 2016	74.05	Private Collection	Ring
2,765	Marshman 2016	1.36	Private Collection	Engraved Gem
2,766	Marshman 2016	9.34	Private Collection	Engraved Gem
2,767	Marshman 2016	12.00	Private Collection	Engraved Gem
2,768	Marshman 2016	21.47	Private Collection	Engraved Gem
2,769	Marshman 2016	39.11	Private Collection	Engraved Gem
2,770	Marshman 2016	68.05	Private Collection	Engraved Gem
2,771	Marshman 2016	70.07	Private Collection	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt	Alexandria		Carnelian
1st - 3rd century AD	1	300	Egypt			Carnelian
1st - 3rd century AD	1	300				Carnelian
1st - 3rd century AD	1	300				Carnelian
1st - 3rd century AD	1	300				Carnelian
1st - 3rd century AD	1	300				Carnelian
1st - 3rd century AD	1	300				Carnelian
1st century AD	1	100				Carnelian
1st - 4th century AD	1	400	Britain	South Shields		Carnelian
1st - 4th century AD	1	400	Britain	Llanboidy		Carnelian
1st - 4th century AD	1	400	Britain	Chester		Carnelian
1st - 4th century AD	1	400	Britain	Wroxeter		Carnelian
1st - 4th century AD	1	400	Britain	South Shields		Carnelian
2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
1st - 4th century AD	1	400	Britain	Cambridge		Carnelian
1st - 4th century AD	1	400	Britain	Carvoran		Carnelian
1st - 4th century AD	1	400	Britain	Pen-Y-Gaer, Bodfari Fort	Silver	Carnelian
1st - 4th century AD	1	400	Britain	Wolverhampton		Carnelian
1st - 4th century AD	1	400	Britain	Caerleon		Carnelian
1st - 4th century AD	1	400	Britain	Ribshester, Near River		Carnelian
1st - 4th century AD	1	400	Britain	South Shields		Carnelian
1st - 4th century AD	1	400	Britain	Aldborough		Carnelian
1st - 4th century AD	1	400	Britain	Aldborough		Carnelian
1st - 4th century AD	1	400	Britain	Watercrook		Carnelian
1st - 4th century AD	1	400	Britain	Aldborough		Carnelian
1st - 4th century AD	1	400	Britain	Chester	Gilt Metal	Carnelian
1st - 4th century AD	1	400	Britain	Stanwix		Carnelian
1st - 4th century AD	1	400	Britain	Charterhouse-On-Mendip		Carnelian
1st - 4th century AD	1	400	Britain	Binchester		Carnelian
1st - 4th century AD	1	400	Britain	Threxton		Carnelian
1st - 4th century AD	1	400	Britain	Chasterhouse On Mendip		Carnelian
1st - 4th century AD	1	400	Britain	St Anne'S Wood, Bringliston, Bristol		Carnelian
1st - 4th century AD	1	400	Britain	Farley Heath		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,772	Marshman 2016	100.08	Private Collection	Engraved Gem
2,773	Marshman 2016	107.10	Private Collection	Ring
2,774	Marshman 2016	70.00	Private Collection	Engraved Gem
2,775	Marshman 2016	105.23	Private Collection	Engraved Gem
2,776	Marshman 2016	144.37	National Museum of Scotland, Edinburgh	Engraved Gem
2,777	Marshman 2016	144.38	National Museum of Scotland, Edinburgh	Engraved Gem
2,778	Carnuntum 2005	876	Kunsthistorisches Museum Wien	Engraved Gem
2,779	Carnuntum 2005	978	Kunsthistorisches Museum Wien	Engraved Gem
2,780	Carnuntum 2005	989	Kunsthistorisches Museum Wien	Engraved Gem
2,781	Carnuntum 2005	1003	Kunsthistorisches Museum Wien	Ring
2,782	Carnuntum 2005	185	Kunsthistorisches Museum Wien	Ring
2,783	Carnuntum 2005	287	Kunsthistorisches Museum Wien	Engraved Gem
2,784	Carnuntum 2005	354	Kunsthistorisches Museum Wien	Engraved Gem
2,785	Marshman 2016	66.19	Private Collection	Engraved Gem
2,786	Marshman 2016	144.35	Vindolanda Site Museum	Engraved Gem
2,787	Hendler 2016	143	Hendler Collection	Engraved Gem
2,788	Marshman 2016	71.04	Guernsey Museum & Art Gallery	Engraved Gem
2,789	Berlin 2007	236	Staatliche Museen zu Berlin	Engraved Gem
2,790	Berlin 2007	240	Staatliche Museen zu Berlin	Engraved Gem
2,791	AG Munich	2277	Staatliche Antikensammlungen, Munich	Engraved Gem
2,792	Berlin 2007	244	Staatliche Museen zu Berlin	Engraved Gem
2,793	Berlin 2007	249	Staatliche Museen zu Berlin	Engraved Gem
2,794	BM online	AF.195	British Museum	Ring
2,795	BM online	1925,1002.27	British Museum	Engraved Gem
2,796	BM online	1925,1002.9	British Museum	Engraved Gem
2,797	BM online	1987,0212.252	British Museum	Engraved Gem
2,798	BM online	1814,0704.2872	British Museum	Ring
2,799	BM online	1987,0212.247	British Museum	Engraved Gem
2,800	BM online	1895,1113.1	British Museum	Engraved Gem
2,801	Guiraud 1988/2008	670	Dépôt de fouilles, Ehl	Engraved Gem
2,802	Marshman 2016	78.04	English Heritage Store Dover	Engraved Gem
2,803	Israel online	70.62.340	The Israel Museum, Jerusalem	Engraved Gem
2,804	Getty Online	83.AN.353.4	J. Paul Getty Museum	Engraved Gem
2,805	Getty Online	82.AN.162.93	J. Paul Getty Museum	Engraved Gem
2,806	Getty Online	82.AN.162.94	J. Paul Getty Museum	Engraved Gem
2,807	Getty Online	76.AN.58	J. Paul Getty Museum	Engraved Gem
2,808	Getty Online	80.AN.43.10	J. Paul Getty Museum	Engraved Gem
2,809	Getty Online	85.AN.370.64	J. Paul Getty Museum	Engraved Gem
2,810	Getty Online	80.AN.43.8	J. Paul Getty Museum	Engraved Gem
2,811	Getty Online	85.AN.370.62	J. Paul Getty Museum	Engraved Gem
2,812	Getty Online	84.AN.1.84	J. Paul Getty Museum	Engraved Gem
2,813	Getty Online	85.AN.444.25	J. Paul Getty Museum	Engraved Gem
2,814	Getty Online	82.AN.162.40	J. Paul Getty Museum	Engraved Gem
2,815	Getty Online	83.AN.437.31	J. Paul Getty Museum	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 4th century AD	1	400	Britain	Brading		Carnelian
1st - 4th century AD	1	400	Britain	Sandy	Silver	Carnelian
1st - 4th century AD	1	400	Britain	Charterhouse-On-Mendip		Carnelian
1st - 4th century AD	1	400	Britain	Richborough		Carnelian
1st - 4th century AD	1	400	Britain	Newstead		Carnelian
1st - 4th century AD	1	400	Britain	Newstead		Carnelian
2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Carnelian
3rd century AD	201	300	Austria	Carnuntum	Iron	Carnelian
3rd century AD	201	300	Austria	Carnuntum		Carnelian
3rd century AD	201	300	Austria	Carnuntum		Carnelian
1st - 4th century AD	1	400	Britain	Charterhouse-On-Mendip		Carnelian
1st - 4th century AD	1	400	Britain	Chesterholm (Vindolanda)		Carnelian
1st - early 2nd century AD	1	125	Israel	Caesarea		Carnelian
1st - early 2nd century AD	1	125	Britain	Lihou Priory, Guernsey		Carnelian
late 1st century BC - early 1st century AD	-10	10				Carnelian
1st century BC	-100	-1				Carnelian
1st century AD	1	100				Carnelian
1 - 33 BC	-33	-1				Carnelian
late 1st century BC	-10	-1				Carnelian
4th - 5th century AD	301	500			Silver	Carnelian
1st century BC	-100	-1	Egypt	Alexandria		Carnelian
1st century BC	-100	-1	Egypt	Alexandria		Carnelian
1st century BC	-100	-1				Carnelian
1st - 3rd century AD	1	300			Gold	Carnelian
1st century AD	1	100				Carnelian
3rd - 4th century AD	201	400	Turkey	Istanbul		Carnelian
1st century AD	1	100	France	Ehl		Carnelian
1st century AD	1	100	Britain	Richborough		Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st - 2nd century AD	1	200	Italy			Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100	Tunisia			Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
2nd - 4th century AD	101	400				Jasper (bloodstone)
1st century AD	1	100				Carnelian
1st century AD	1	100				Chalcedony
1st century AD	1	100				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,816	Getty Online	83.AN.437.30	J. Paul Getty Museum	Engraved Gem
2,817	Getty Online	83.AN.353.10	J. Paul Getty Museum	Engraved Gem
2,818	Getty Online	85.AN.370.68	J. Paul Getty Museum	Engraved Gem
2,819	Getty Online	79.AN.126.3	J. Paul Getty Museum	Engraved Gem
2,820	Getty Online	79.AN.27.1	J. Paul Getty Museum	Engraved Gem
2,821	Getty Online	79.AN.8.2	J. Paul Getty Museum	Engraved Gem
2,822	Getty Online	80.AN.43.6	J. Paul Getty Museum	Engraved Gem
2,823	Getty Online	78.AN.373.1	J. Paul Getty Museum	Engraved Gem
2,824	Getty Online	83.AL.257.8	J. Paul Getty Museum	Engraved Gem
2,825	Getty Online	85.AN.370.49	J. Paul Getty Museum	Engraved Gem
2,826	Getty Online	82.AN.162.44	J. Paul Getty Museum	Engraved Gem
2,827	Getty Online	82.AN.162.49	J. Paul Getty Museum	Engraved Gem
2,828	Getty Online	79.AN.8.5	J. Paul Getty Museum	Engraved Gem
2,829	Getty Online	83.AN.353.9	J. Paul Getty Museum	Engraved Gem
2,830	Getty Online	84.AN.1.41	J. Paul Getty Museum	Engraved Gem
2,831	Getty Online	85.AN.370.69	J. Paul Getty Museum	Engraved Gem
2,832	Getty Online	82.AN.162.48	J. Paul Getty Museum	Engraved Gem
2,833	Guiraud 1988/2008	250	Groupe archéologique, Gimont	Engraved Gem
2,834	Hendler 2016	147	Hendler Collection	Engraved Gem
2,835	Hendler 2016	83	Hendler Collection	ring
2,836	Hendler 2016	155	Hendler Collection	Engraved Gem
2,837	Hendler 2016	16	Hendler Collection	Engraved Gem
2,838	Hendler 2016	70	Hendler Collection	Engraved Gem
2,839	Hendler 2016	76	Hendler Collection	Engraved Gem
2,840	Hendler 2016	81	Hendler Collection	Engraved Gem
2,841	Hermitage 1975	108	State Hermitage Museum	Engraved Gem
2,842	AG Vienna	1900	Kunsthistorisches Museum Wien	Engraved Gem
2,843	AG Vienna	1932	Kunsthistorisches Museum Wien	Engraved Gem
2,844	AG Vienna	1988	Kunsthistorisches Museum Wien	Engraved Gem
2,845	Hermitage Online	25733	Hermitage Museum	Engraved Gem
2,846	AG Vienna	1885	Kunsthistorisches Museum Wien	Engraved Gem
2,847	AG Vienna	1839	Kunsthistorisches Museum Wien	Engraved Gem
2,848	AG Vienna	1905	Kunsthistorisches Museum Wien	Engraved Gem
2,849	AG Vienna	1840	Kunsthistorisches Museum Wien	Engraved Gem
2,850	AG Vienna	1856	Kunsthistorisches Museum Wien	Engraved Gem
2,851	Hermitage Online	24136	Hermitage Museum	Ring
2,852	AG Vienna	1915	Kunsthistorisches Museum Wien	Engraved Gem
2,853	AG Vienna	1929	Kunsthistorisches Museum Wien	Engraved Gem
2,854	Hermitage Online	24916	Hermitage Museum	Engraved Gem
2,855	Hermitage Online	23832	Hermitage Museum	Engraved Gem
2,856	Hermitage Online	21457	Hermitage Museum	Engraved Gem
2,857	Berlin 2007	254	Staatliche Museen zu Berlin	Engraved Gem
2,858	Berlin 2007	53	Staatliche Museen zu Berlin	Engraved Gem
2,859	Berlin 2007	77	Staatliche Museen zu Berlin	Engraved Gem
2,860	Berlin 2007	126	Staatliche Museen zu Berlin	Engraved Gem
2,861	Berlin 2007	127	Staatliche Museen zu Berlin	Engraved Gem
2,862	Berlin 2007	133	Staatliche Museen zu Berlin	Engraved Gem
2,863	Berlin 2007	139	Staatliche Museen zu Berlin	Engraved Gem
2,864	Berlin 2007	145	Staatliche Museen zu Berlin	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
late 2nd - 1st century BC	-125	-1				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100	France	Vichy		Carnelian
1st century AD	1	100	Israel	Caesarea		Carnelian
1st century AD	1	100	Israel	Caesarea	Bronze	Carnelian
1st century AD	1	100	Israel	Caesarea		Carnelian
1st century AD	1	100	Israel	Caesarea		Carnelian
1st century AD	1	100	Israel	Caesarea		Carnelian
1st century AD	1	100	Israel	Caesarea		Carnelian
1st century AD	1	100	Israel	Caesarea		Carnelian
1st century AD	1	100	Italy	Rome		Carnelian
1st century AD	1	100	Italy	Rome		Carnelian
3rd century AD	201	300	Italy	Rome		Carnelian
2nd century AD	101	200	Italy	Rome		Carnelian
2nd century AD	101	200	Italy	Rome		Carnelian
1st century BC	-100	-1	Italy	Rome		Amethyst
2nd century AD	101	200	Italy	Rome		Carnelian
1st century AD	1	100	Italy	Rome		Carnelian
1st - 2nd century AD	1	200	Italy	Rome		Carnelian
1st century AD	1	100	Italy	Rome		Carnelian
1st century AD	1	100	Italy	Rome		Carnelian
1st century BC - 1st century AD	-100	100	Italy	Rome	Gold	Amethyst
AD 150 - 250	150	250	Italy	Rome		Carnelian
AD 50 - 100	50	100	Italy	Rome		Carnelian
1st century BC	-100	-1	Italy	Rome		Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
late 1st century BC - early 1st century AD	-10	10				Carnelian
1st century BC	-100	-1				Carnelian
1 - 33 BC	-33	-1				Carnelian
1st - 2nd century AD	1	200				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1 - 50 BC	-50	-1				Carnelian
late 2nd - 1st century BC	-125	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,865	Berlin 2007	149	Staatliche Museen zu Berlin	Engraved Gem
2,866	Carnuntum 2005	370	Kunsthistorisches Museum Wien	Engraved Gem
2,867	AG Vienna	1937	Kunsthistorisches Museum Wien	Engraved Gem
2,868	Xanten 1987/1994	2	LVR-Archäologischer Park Xanten	Engraved Gem
2,869	Xanten 1987/1994	3	LVR-Archäologischer Park Xanten	Engraved Gem
2,870	Xanten 1987/1994	4	LVR-Archäologischer Park Xanten	Engraved Gem
2,871	Xanten 1987/1994	5	LVR-Archäologischer Park Xanten	Engraved Gem
2,872	Xanten 1987/1994	6	LVR-Archäologischer Park Xanten	Engraved Gem
2,873	Xanten 1987/1994	8	LVR-Archäologischer Park Xanten	Engraved Gem
2,874	Xanten 1987/1994	11	LVR-Archäologischer Park Xanten	Engraved Gem
2,875	Xanten 1987/1994	15	LVR-Archäologischer Park Xanten	Engraved Gem
2,876	Xanten 1987/1994	23	LVR-Archäologischer Park Xanten	Engraved Gem
2,877	Xanten 1987/1994	25	LVR-Archäologischer Park Xanten	Engraved Gem
2,878	Xanten 1987/1994	27	LVR-Archäologischer Park Xanten	Engraved Gem
2,879	Xanten 1987/1994	52	LVR-Archäologischer Park Xanten	Engraved Gem
2,880	Xanten 1987/1994	55	LVR-Archäologischer Park Xanten	Engraved Gem
2,881	Xanten 1987/1994	100	LVR-Archäologischer Park Xanten	Engraved Gem
2,882	Xanten 1987/1994	105	LVR-Archäologischer Park Xanten	Engraved Gem
2,883	Xanten 1987/1994	112	LVR-Archäologischer Park Xanten	Engraved Gem
2,884	Xanten 1987/1994	139	LVR-Archäologischer Park Xanten	Engraved Gem
2,885	Xanten 1987/1994	167	LVR-Archäologischer Park Xanten	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC	-100	-1				Carnelian
3rd century AD	201	300	Austria	Carnuntum		Carnelian
2nd century AD	101	200				Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
1st century AD	1	100	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
1st century AD	1	100	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,886	Xanten 1987/1994	174	LVR-Archäologischer Park Xanten	Engraved Gem
2,887	Xanten 1987/1994	179	LVR-Archäologischer Park Xanten	Engraved Gem
2,888	Xanten 1987/1994	185	LVR-Archäologischer Park Xanten	Engraved Gem
2,889	Xanten 1987/1994	198	LVR-Archäologischer Park Xanten	Engraved Gem
2,890	Xanten 1987/1994	213	LVR-Archäologischer Park Xanten	Engraved Gem
2,891	Xanten 1987/1994	214	LVR-Archäologischer Park Xanten	Engraved Gem
2,892	Xanten 1987/1994	219	LVR-Archäologischer Park Xanten	Engraved Gem
2,893	Xanten 1987/1994	220	LVR-Archäologischer Park Xanten	Engraved Gem
2,894	Xanten 1987/1994	228	LVR-Archäologischer Park Xanten	Engraved Gem
2,895	Xanten 1987/1994	236	LVR-Archäologischer Park Xanten	Engraved Gem
2,896	Xanten 1987/1994	237	LVR-Archäologischer Park Xanten	Engraved Gem
2,897	Xanten 1987/1994	238	LVR-Archäologischer Park Xanten	Engraved Gem
2,898	Xanten 1987/1994	242	LVR-Archäologischer Park Xanten	Engraved Gem
2,899	Met Online	81.6.167	Metropolitan Museum of Art, New York	Engraved Gem
2,900	Met Online	41.160.903	Metropolitan Museum of Art, New York	Engraved Gem
2,901	Guiraud 1988/2008	822	Musée Archéologique, Apt	Ring
2,902	Guiraud 1988/2008	702	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring
2,903	Guiraud 1988/2008	632	Musée Départemental, Epinal	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
1st century BC - 3rd century AD	-100	300				Sardonyx
1st century BC - 3rd century AD	-100	300				Chalcedony
1st century AD	1	100	France	Le Chastellard-De-Lardiers	Gold	Carnelian
1st century AD	1	100	France	Nord De L'Auvergne	Gold	Carnelian
1st century AD	1	100	France	D'Epinal		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,904	Guiraud 1988/2008	65II	Musée Dobrée, Nantes	Ring
2,905	Guiraud 1988/2008	5	Musée gallo-romain de Lyon-Fourvière	Engraved Gem
2,906	Guiraud 1988/2008	50	Musée gallo-romain de Lyon-Fourvière	Engraved Gem
2,907	Guiraud 1988/2008	869	Musée gallo-romain de Lyon-Fourvière	Engraved Gem
2,908	Guiraud 1988/2008	711	Musée Hyères	Engraved Gem
2,909	Guiraud 1988/2008	459	Musée René-Baubérot	Engraved Gem
2,910	Guiraud 1988/2008	753	Musée, Alise-Sainte-Reine	Engraved Gem
2,911	Guiraud 1988/2008	787	Musée, Chauvigny	Engraved Gem
2,912	Guiraud 1988/2008	522	Musée, Mandeure	Engraved Gem
2,913	Guiraud 1988/2008	197	Musée, Saint Bertrand	Engraved Gem
2,914	Aquileia 1996	30 (inv. 1103/53)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
2,915	Pompeii 1987	56	Museo Archaeologico Nazionale di Napoli (MANN)	Ring
2,916	Pompeii 1987	59	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,917	Guzzo 2003	IV.2	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,918	Guzzo 2003	IV.22	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,919	Vesuvius 1997	114 (inv. 39588)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
2,920	Vesuvius 1997	115 (inv. 39586)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
2,921	Vesuvius 1997	116 (inv. 39587)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
2,922	Vesuvius 1997	118 (inv. 39590)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
2,923	Vesuvius 1997	119 (inv. 39596)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
2,924	Vesuvius 1997	121 (inv. 39600)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem
2,925	Pinarius 1975	1 (inv. 158750)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,926	Pinarius 1975	2 (inv. 158751)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,927	Pinarius 1975	4 (inv. 158752)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,928	Pinarius 1975	5 (inv. 158755)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,929	Pinarius 1975	6 (inv. 158753)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,930	Pinarius 1975	7 (inv. 158754)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,931	Pinarius 1975	8 (inv. 158759)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,932	Pinarius 1975	11 (inv. 158760)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,933	Pinarius 1975	15 (inv. 158756)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,934	Pinarius 1975	16 (inv. 158758)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100			Gold - Modern	Carnelian
1st century AD	1	100	France	Lyon		Carnelian
1st century AD	1	100	France	Lyon		Carnelian
1st century AD	1	100	France	Lyon		Carnelian
1st century AD	1	100	France	Hyères		Carnelian
1st century AD	1	100	France	La Bussière-Étable		Carnelian
1st century AD	1	100	France	Alésia		Carnelian
1st century AD	1	100	France	Antigny		Carnelian
1st century AD	1	100	France	Mandeure		Carnelian
1st century AD	1	300	France	Saint-Bertrand-De-Comminges		Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100	Italy	Oplontis	Gold	Carnelian
1st century AD	1	100	Italy	Oplontis		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100	Italy	Pompeii		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,935	Pinarius 1975	18 (inv. 158757)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
2,936	Bologna 1987	81 (inv. Gl. 231)	Museo Civico Archeologico di Bologna	Engraved Gem
2,937	Bologna 1987	82 (inv. Gl. 11)	Museo Civico Archeologico di Bologna	Engraved Gem
2,938	Bologna 1987	85 (inv. Gl. 327)	Museo Civico Archeologico di Bologna	Engraved Gem
2,939	Bologna 1987	86 (inv. Gl. 133)	Museo Civico Archeologico di Bologna	Engraved Gem
2,940	Bologna 1987	93 (inv. Gl. 100)	Museo Civico Archeologico di Bologna	Engraved Gem
2,941	Bologna 1987	98 (inv. Gl. 135)	Museo Civico Archeologico di Bologna	Engraved Gem
2,942	Bologna 1987	100 (inv. Gl. 117)	Museo Civico Archeologico di Bologna	Engraved Gem
2,943	Bologna 1987	104 (inv. Gl. 29)	Museo Civico Archeologico di Bologna	Engraved Gem
2,944	Bologna 1987	105 (inv. Gl. 62)	Museo Civico Archeologico di Bologna	Engraved Gem
2,945	Bologna 1987	114 (inv. Gl. 131)	Museo Civico Archeologico di Bologna	Engraved Gem
2,946	Bologna 1987	116 (inv. Gl. 270)	Museo Civico Archeologico di Bologna	Engraved Gem
2,947	Bologna 1987	117 (inv. Gl. 77)	Museo Civico Archeologico di Bologna	Engraved Gem
2,948	Bologna 1987	121 (inv. Ori. 143)	Museo Civico Archeologico di Bologna	Engraved Gem
2,949	Bologna 1987	123 (inv. Gl. 222)	Museo Civico Archeologico di Bologna	Engraved Gem
2,950	Bologna 1987	125 (inv. Gl. 145)	Museo Civico Archeologico di Bologna	Engraved Gem
2,951	Carnuntum 2005	428	Kunsthistorisches Museum Wien	Engraved Gem
2,952	Carnuntum 2005	520	Kunsthistorisches Museum Wien	Engraved Gem
2,953	AGD Berlin	505	Staatliche Museen zu Berlin	Ring
2,954	Berlin 2007	270	Staatliche Museen zu Berlin	Engraved Gem
2,955	Berlin 2007	275	Staatliche Museen zu Berlin	Engraved Gem
2,956	Berlin 2007	281	Staatliche Museen zu Berlin	Engraved Gem
2,957	MFA online	21.1216	Museum of Fine Arts, Boston	Engraved Gem
2,958	MFA online	69.1203	Museum of Fine Arts, Boston	Engraved Gem
2,959	MFA online	27.74	Museum of Fine Arts, Boston	Ring
2,960	Marshman 2016	84.07	Museum of London	Engraved Gem
2,961	Marshman 2016	133.01	Museum of London	Ring
2,962	Fitzwilliam 1994	283	Fitzwilliam Museum	Engraved Gem
2,963	Fitzwilliam 1994	284	Fitzwilliam Museum	Engraved Gem
2,964	RMO online	GS-00776	National Museum of Antiquities, Leiden	Engraved Gem
2,965	RMO online	GS-00777	National Museum of Antiquities, Leiden	Engraved Gem
2,966	RMO online	GS-00811	National Museum of Antiquities, Leiden	Engraved Gem
2,967	RMO online	GS-00827	National Museum of Antiquities, Leiden	Engraved Gem
2,968	RMO online	GS-00828	National Museum of Antiquities, Leiden	Engraved Gem
2,969	RMO online	GS-00830	National Museum of Antiquities, Leiden	Engraved Gem
2,970	RMO online	GS-00833	National Museum of Antiquities, Leiden	Ring
2,971	RMO online	GS-00843	National Museum of Antiquities, Leiden	Engraved Gem
2,972	RMO online	GS-00238	National Museum of Antiquities, Leiden	Engraved Gem
2,973	RMO online	GS-00485	National Museum of Antiquities, Leiden	Engraved Gem
2,974	RMO online	GS-00487	National Museum of Antiquities, Leiden	Engraved Gem
2,975	RMO online	GS-00498	National Museum of Antiquities, Leiden	Engraved Gem
2,976	RMO online	GS-00500	National Museum of Antiquities, Leiden	Engraved Gem
2,977	RMO online	GS-00503	National Museum of Antiquities, Leiden	Engraved Gem
2,978	RMO online	GS-00504	National Museum of Antiquities, Leiden	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100	Italy	Pompeii		Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
3rd century AD	201	300	Austria	Carnuntum		Carnelian
3rd century AD	201	300	Austria	Carnuntum		Carnelian
1st century AD	1	100			Gold	Carnelian
1 - 50 BC	-50	-1				Carnelian
late 1st century BC	-10	-1				Carnelian
1st century BC	-100	-1				Carnelian
10 BC - AD 50	-10	50				Carnelian
10 BC - AD 100	-10	100				Carnelian
2nd - 1st century BC	-200	-1			Gold	Carnelian
1st century AD	1	100	Britain	London, Eastern Cementery, 49-55 Mansell Street		Carnelian
1st century AD	1	100	Britain	London, Spitalfields Market, Lamb Street	Iron	Carnelian
1st century AD	1	100				Amethyst
1st century AD	1	100				Amethyst
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100			Iron	Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
2,979	RMO online	GS-00505	National Museum of Antiquities, Leiden	Engraved Gem
2,980	RMO online	GS-00507	National Museum of Antiquities, Leiden	Engraved Gem
2,981	RMO online	GS-00508	National Museum of Antiquities, Leiden	Engraved Gem
2,982	RMO online	GS-00512	National Museum of Antiquities, Leiden	Engraved Gem
2,983	RMO online	GS-00514	National Museum of Antiquities, Leiden	Engraved Gem
2,984	RMO online	GS-00515	National Museum of Antiquities, Leiden	Engraved Gem
2,985	RMO online	GS-00516	National Museum of Antiquities, Leiden	Engraved Gem
2,986	RMO online	GS-00520	National Museum of Antiquities, Leiden	Engraved Gem
2,987	RMO online	GS-00521	National Museum of Antiquities, Leiden	Engraved Gem
2,988	RMO online	GS-00524	National Museum of Antiquities, Leiden	Engraved Gem
2,989	RMO online	GS-00530	National Museum of Antiquities, Leiden	Engraved Gem
2,990	RMO online	GS-00532	National Museum of Antiquities, Leiden	Engraved Gem
2,991	RMO online	GS-00537	National Museum of Antiquities, Leiden	Engraved Gem
2,992	RMO online	GS-00542	National Museum of Antiquities, Leiden	Engraved Gem
2,993	RMO online	GS-00546	National Museum of Antiquities, Leiden	Engraved Gem
2,994	RMO online	GS-00551	National Museum of Antiquities, Leiden	Engraved Gem
2,995	RMO online	GS-00555	National Museum of Antiquities, Leiden	Engraved Gem
2,996	RMO online	GS-00575	National Museum of Antiquities, Leiden	Engraved Gem
2,997	RMO online	GS-00580	National Museum of Antiquities, Leiden	Engraved Gem
2,998	RMO online	GS-00631	National Museum of Antiquities, Leiden	Engraved Gem
2,999	RMO online	GS-00633	National Museum of Antiquities, Leiden	Engraved Gem
3,000	RMO online	GS-00635	National Museum of Antiquities, Leiden	Engraved Gem
3,001	RMO online	GS-00638	National Museum of Antiquities, Leiden	Engraved Gem
3,002	RMO online	GS-00639	National Museum of Antiquities, Leiden	Engraved Gem
3,003	RMO online	GS-00640	National Museum of Antiquities, Leiden	Engraved Gem
3,004	RMO online	GS-00641	National Museum of Antiquities, Leiden	Engraved Gem
3,005	RMO online	GS-00643	National Museum of Antiquities, Leiden	Engraved Gem
3,006	RMO online	GS-00644	National Museum of Antiquities, Leiden	Engraved Gem
3,007	RMO online	GS-00645	National Museum of Antiquities, Leiden	Engraved Gem
3,008	RMO online	GS-00646	National Museum of Antiquities, Leiden	Engraved Gem
3,009	RMO online	GS-00652	National Museum of Antiquities, Leiden	Engraved Gem
3,010	RMO online	GS-00660	National Museum of Antiquities, Leiden	Engraved Gem
3,011	RMO online	GS-00678	National Museum of Antiquities, Leiden	Engraved Gem
3,012	RMO online	GS-00863	National Museum of Antiquities, Leiden	Engraved Gem
3,013	RMO online	GS-01160	National Museum of Antiquities, Leiden	Engraved Gem
3,014	Carnuntum 2005	696	Kunsthistorisches Museum Wien	Engraved Gem
3,015	Carnuntum 2005	699	Kunsthistorisches Museum Wien	Engraved Gem
3,016	Carnuntum 2005	774	Kunsthistorisches Museum Wien	Engraved Gem
3,017	Guiraud 1988/2008	316	Private Collection	Engraved Gem
3,018	Guiraud 1988/2008	967	Private Collection	Engraved Gem
3,019	Guzzo 2003	I.11	Soprintendenza Archeologica di Pompei	Ring
3,020	Guzzo 2003	I.111	Soprintendenza Archeologica di Pompei	Ring
3,021	Guzzo 2003	IV.478	Soprintendenza Archeologica di Pompei	Ring
3,022	Guzzo 2003	IV.522	Soprintendenza Archeologica di Pompei	Ring
3,023	Guzzo 2003	IV.531	Soprintendenza Archeologica di Pompei	Ring
3,024	Guzzo 2003	IV.761	Soprintendenza Archeologica di Pompei	Ring
3,025	Guzzo 2003	IV.63	Soprintendenza Archeologica di Pompei	Ring
3,026	AG Munich	2282	Staatliche Antikensammlungen, Munich	Engraved Gem
3,027	AG Munich	2298	Staatliche Antikensammlungen, Munich	Engraved Gem

TYPE	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian
1st century AD	1	100				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
3,028	AG Munich	2299	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,029	AG Munich	2302	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,030	AG Munich	2303	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,031	AG Munich	2307	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,032	AG Munich	2315	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,033	AG Munich	2325	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,034	AG Munich	2326	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,035	AG Munich	2328	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,036	AG Munich	2330	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,037	AG Munich	2335	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,038	AG Munich	2355	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,039	AG Munich	2359	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,040	AG Munich	2361	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,041	AG Munich	2365	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,042	AG Munich	2366	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,043	AG Munich	2380	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,044	AG Munich	2420	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,045	AG Munich	2423	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,046	AG Munich	2424	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,047	AG Munich	2432	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,048	AG Munich	2433	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,049	AG Munich	2436	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,050	AG Munich	2442	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,051	AG Munich	2747	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,052	AG Munich	2334	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,053	AG Munich	2385	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,054	AG Munich	2386	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Carnelian
3,055	AGD Berlin	499	Staatliche Museen zu Berlin	Ring	1st century AD	1	100			Gold	Carnelian
3,056	AGD Berlin	503	Staatliche Museen zu Berlin	Ring	1st century AD	1	100			Gold	Carnelian
3,057	AGD Berlin	455	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,058	AGD Berlin	470	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,059	AGD Berlin	454	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,060	AGD Berlin	476	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,061	AGD Berlin	494	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,062	AGD Berlin	450	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,063	AGD Berlin	500	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,064	Berlin 2007	282	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
3,065	Berlin 2007	285	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
3,066	Berlin 2007	290	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
3,067	Getty Online	85.AN.370.48	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Carnelian
3,068	Berlin 2007	299	Staatliche Museen zu Berlin	Engraved Gem	50 - 100 BC	-100	-50				Carnelian
3,069	Berlin 2007	300	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10	-10	10		
3,070	Berlin 2007	302	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
3,071	Berlin 2007	310	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Carnelian
3,072	Berlin 2007	312	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,073	Berlin 2007	319	Staatliche Museen zu Berlin	Engraved Gem	1 - 25 BC	-25	-1				Carnelian
3,074	Berlin 2007	322	Staatliche Museen zu Berlin	Engraved Gem	30 BC	-30	-30				Carnelian
3,075	Berlin 2007	327	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
3,076	Berlin 2007	330	Staatliche Museen zu Berlin	Engraved Gem	1 - 50 BC	-50	-1				Carnelian
3,077	Berlin 2007	331	Staatliche Museen zu Berlin	Engraved Gem	1 - 50 BC	-50	-1				Carnelian
3,078	Berlin 2007	339	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,079	Aquileia 1966	285 (inv. NA)	The National Archaeological Museum of Aquileia	Engraved Gem	1st century AD	1	100	Italy	Aquileia		Carnelian
3,080	Aquileia 1966	1130 (inv. 26259)	The National Archaeological Museum of Aquileia	Engraved Gem	1st century AD	1	100	Italy	Aquileia		Carnelian
3,081	Thorvaldsens online	i536	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century AD	1	100				Carnelian
3,082	Thorvaldsens online	i2053	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century AD	1	100				Carnelian
3,083	V&A online	1002-871	Victoria & Albert Museum	Ring	AD 50 - 200	50	200			Gold	Carnelian
3,084	V&A online	578-1871	Victoria & Albert Museum	Engraved Gem	AD 150 - 250	150	230				Carnelian
3,085	Wright 2001	11	Wright Collection	Engraved Gem	1st century AD	1	100	Turkey	Sadak		Carnelian
3,086	Wright 2001	28	Wright Collection	Engraved Gem	1st century AD	1	100	Turkey	Trapezus		Carnelian
3,087	Wright 2001	29	Wright Collection	Engraved Gem	1st century AD	1	100	Turkey	Tarsus		Carnelian
3,088	AG Vienna	1960	Kunsthistorisches Museum Wien	Engraved Gem	AD 150 - 250	150	250				Carnelian
3,089	Getty Online	84.AN.1.37	J. Paul Getty Museum	Engraved Gem	early - mid 1st century AD	1	50				Carnelian (Sard)
3,090	Getty Online	84.AN.1.35	J. Paul Getty Museum	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,091	Hermitage Online	26970	Hermitage Museum	Engraved Gem	4th century AD	301	400				Amethyst
3,092	Met Online	22.139.64	Metropolitan Museum of Art, New York	Necklace	1st century BC - 1st century AD	-100	100			Gold	Carnelian
3,093	Guiraud 1988/2008	366	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	early - mid 1st century AD	1	50	France	Besançon		Carnelian
3,094	Guiraud 1988/2008	201	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	early - mid 1st century AD	1	50	France	Lyon		Carnelian
3,095	Aquileia 1996	31 (inv. 1231/80)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,096	Aquileia 1996	122 (inv. 743/294)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,097	AGD Hannover	529	Museum August Kestner-Hannover	Engraved Gem	early - mid 1st century AD	1	50				Onyx (Nicolo)
3,098	Aquileia 1966	804 (inv. NA)	The National Archaeological Museum of Aquileia	Engraved Gem	early - mid 1st century AD	1	50	Italy	Aquileia		Carnelian
3,099	Aquileia 1966	1055 (inv. 24662)	The National Archaeological Museum of Aquileia	Engraved Gem	early - mid 1st century AD	1	50	Italy	Aquileia		Carnelian
3,100	Aquileia 1966	1056 (inv. 24674)	The National Archaeological Museum of Aquileia	Engraved Gem	early - mid 1st century AD	1	50	Italy	Aquileia		Carnelian
3,101	Getty Online	78.AN.373.4	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Carnelian
3,102	Xanten 1987/1994	73	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century AD	1	50	Germany	Fürstenberg And Its Environs		Carnelian
3,103	Xanten 1987/1994	206	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century AD	1	50	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,104	Xanten 1987/1994	207	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century AD	1	50	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,105	Aquileia 1996	188 (inv. 1248/260)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	early 1st century AD	1	25				Carnelian
3,106	Bologna 1987	107 (inv. Gl. 322)	Museo Civico Archeologico di Bologna	Engraved Gem	early 1st century AD	1	25				Carnelian
3,107	Aquileia 1966	88 (inv. 24465)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,108	Aquileia 1966	355 (inv. 24688)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,109	Aquileia 1966	360 (inv. 25169)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian

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3,110	Aquileia 1966	374 (inv. 48256)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,111	Aquileia 1966	433 (inv. 24796)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,112	Aquileia 1966	523 (inv. 51894)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,113	Aquileia 1966	695 (inv. 24490)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,114	Aquileia 1966	798 (inv. R. C. 1175)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,115	Aquileia 1966	818 (inv. 24540)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,116	Aquileia 1966	861 (inv. 24849)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,117	Aquileia 1966	1220 (inv. 24550)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Carnelian
3,118	Xanten 1987/1994	164	des Rheinischen Landesmuseums Bonn	Engraved Gem	early 1st century AD	1	25	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,119	Xanten 1987/1994	163	LVR-Archäologischer Park Xanten	Engraved Gem	early 1st century AD	1	25	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,120	MFA online	27.746	Museum of Fine Arts, Boston	Ring	1st century BC	-100	-1			Gold	Carnelian
3,121	AG Vienna	1985	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Carnelian
3,122	Aquileia 1966	272 (inv. 24697)	The National Archaeological Museum of Aquileia	Engraved Gem	AD 1 - 10	1	10	Italy	Aquileia		Carnelian
3,123	RMO online	GS-00317	National Museum of Antiquities, Leiden	Engraved Gem	early 1st century AD	1	25				Carnelian
3,124	RMO online	GS-00525	National Museum of Antiquities, Leiden	Engraved Gem	early 1st century AD	1	25				Carnelian
3,125	Walters Online	42.977	Walters Art Museum	Engraved Gem	1st - 3rd century AD	1	300				Carnelian
3,126	Hendler 2016	44	Hendler Collection	Engraved Gem	early - mid 1st century AD	1	50	Israel	Caesarea		Carnelian
3,127	Bologna 1987	87 (inv. Gl. 249)	Museo Civico Archeologico di Bologna	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,128	Bologna 1987	88 (inv. Gl. 129)	Museo Civico Archeologico di Bologna	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,129	Bologna 1987	89 (inv. Gl. 99)	Museo Civico Archeologico di Bologna	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,130	Bologna 1987	96 (inv. Gl. 93)	Museo Civico Archeologico di Bologna	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,131	Bologna 1987	84 (inv. Gl. 199)	Museo Civico Archeologico di Bologna	Engraved Gem	early - mid 1st century AD	1	50	Italy	Naples		Carnelian
3,132	RMO online	GS-00355	National Museum of Antiquities, Leiden	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,133	RMO online	GS-00356	National Museum of Antiquities, Leiden	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,134	RMO online	GS-01161	National Museum of Antiquities, Leiden	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
3,135	Marshman 2016	84.00	Colchester Castle Museum	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Colchester, The Hyth		Carnelian
3,136	Marshman 2016	100.02	Private Collection of M. Blankley	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Great Casterton, Fort		Carnelian
3,137	Marshman 2016	84.08	Museum of Gloucester	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Gloucester, Kingsholm		Carnelian
3,138	Marshman 2016	121.03	Private Collection of J. S. Washer	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Wanborough		Carnelian
3,139	Marshman 2016	21.25	Roman Baths Museum, Bath	Engraved Gem	1st century AD	1	100	Britain	Roman Baths Museum, Bath		Carnelian
3,140	Berlin 2007	340	Staatliche Museen zu Berlin	Engraved Gem	2nd - 1st century BC	-200	-1				Carnelian
3,141	Met Online	81.6.99	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Sardonyx
3,142	Thorvaldsens online	i2097	Thorvaldsens Museum, Copenhagen	Engraved Gem	AD 14 - 31	14	31				Carnelian
3,143	Getty Online	85.AN.370.65	J. Paul Getty Museum	Engraved Gem	early - mid 1st century AD	1	50				Carnelian

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3,144	Xanten 1987/1994	1	LVR-Archäologischer Park Xanten	Engraved Gem	mid 1st century AD	25	75	Germany	Fürstenberg And Its Environs		Carnelian
3,145	Marshman 2016	8.68	Private Collection	Engraved Gem	mid 1st century AD	25	75	Britain	Dorset		Carnelian
3,146	Berlin 2007	657	Staatliche Museen zu Berlin	Engraved Gem	1 - 50 BC	-50	-1				Carnelian
3,147	Marshman 2016	48.04	Private Collection	Engraved Gem	mid 1st century AD	25	75	Britain	East Wretham Heath		Carnelian
3,148	Marshman 2016	21.40	University of Reading	Engraved Gem	mid 1st century AD	25	75	Britain	Silchester		Carnelian
3,149	Marshman 2016	105.06	Richborough Site Museum	Engraved Gem	Mid 1st century AD	25	75	Britain	Richborough		Carnelian
3,150	MFA online	2001.172	Museum of Fine Arts, Boston	Ring	1st century BC	-100	-1			Gold	Carnelian
3,151	MFA online	27.73	Museum of Fine Arts, Boston	Ring	1st century BC	-100	-1			Gold	Carnelian
3,152	MFA online	27.728	Museum of Fine Arts, Boston	Ring	1st century BC - AD 400	-100	400				Carnelian
3,153	Thorvaldsens online	i999	Thorvaldsens Museum, Copenhagen	Engraved Gem	AD 37 - 54	37	54				Carnelian
3,154	Berlin 2007	343	Staatliche Museen zu Berlin	Engraved Gem	50 BC - 1st century AD	-50	100				Carnelian
3,155	Berlin 2007	345	Staatliche Museen zu Berlin	Engraved Gem	50 BC - 1st century AD	-50	100				Carnelian
3,156	AG Vienna	2026	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Britain			Carnelian
3,157	AG Vienna	1993	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Britain	Dorchester On Thames, Oxfordshire, England		Carnelian
3,158	Walters Online	42.1159	Walters Art Museum	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
3,159	BM online	1872,0604.995.2	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Garnet
3,160	Guiraud 1988/2008	564	Dépôt de fouilles de Mâlain	Engraved Gem	mid - late 1st century AD	50	100	France	Mâlain		Carnelian
3,161	Aquileia 1996	58 (inv. 469/493)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	mid - late 1st century AD	50	100				Carnelian
3,162	AGD Kassel	114	Museumslandschaft Hessen Kassel	Engraved Gem	1st century AD	1	100				Carnelian
3,163	Berlin 2007	350	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
3,164	Aquileia 1966	1444 (inv. R. C. 1187)	The National Archaeological Museum of Aquileia	Engraved Gem	mid - late 1st century AD	50	100	Italy	Aquileia		Carnelian
3,165	Xanten 1987/1994	22	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 1st century AD	50	100	Germany	Fürstenberg And Its Environs		Carnelian
3,166	Guiraud 1988/2008	624	Musée d'Archéologique, Nice	Engraved Gem	mid - late 1st century AD	50	100	France	Cimiez		Carnelian
3,167	Guiraud 1988/2008	518	Musée d'Art et d'Histoire, Geneve	Ring	mid - late 1st century AD	50	100	France	Saint-Genis	Gold	Carnelian
3,168	Hendler 2016	54	Hendler Collection	Engraved Gem	mid 1st - 2nd century AD	50	200	Israel	Caesarea		Carnelian
3,169	MFA online	1970.588	Museum of Fine Arts, Boston	Ring	AD 300 - 400	300	400			Gold	Carnelian
3,170	V&A online	831-1871	Victoria & Albert Museum	Engraved Gem	200 BC - AD 199	-200	199				Carnelian
3,171	Marshman 2016	72.05	British Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Hod Hill		Carnelian
3,172	Marshman 2016	122.09	British Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Hod Hill		Carnelian
3,173	Marshman 2016	14.23	Museum of London	Ring	mid 1st century AD	50	50	Britain	London	Iron	Carnelian
3,174	Marshman 2016	90.00	Museum of Somerset, Taunton	Engraved Gem	Mid 1st century AD	50	75	Britain	Hill		Carnelian
3,175	Marshman 2016	138.03	Oxfordshire County Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Alchester		Carnelian
3,176	Marshman 2016	29.00	Colchester Castle Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Colchester, St. Mary'S Hospital		Carnelian
3,177	Marshman 2016	36.03	National Museum of Wales	Engraved Gem	Mid late 1st century AD	50	100	Britain	Brecon		Carnelian
3,178	Marshman 2016	44.01	Yorkshire Museum, York	Engraved Gem	mid 1st century AD	50	75	Britain	York, Mount Cementery (Blossom Street)		Carnelian
3,179	Aquileia 1966	252 (inv. NA)	The National Archaeological Museum of Aquileia	Engraved Gem	AD 59 -100	59	100	Italy	Aquileia		Carnelian
3,180	CHRE	7617	Private Collection	Ring	AD 60 - 114	60	114	Israel	Na□ Al Shalwa	Gold	Carnelian

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3,181	Met Online	29.175.4	Metropolitan Museum of Art, New York	Pendant	27 BC - AD 14	-27	14			Gold	Sardonyx
3,182	Met Online	32.142.1	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
3,183	CHRE	3345	Private Collection	Ring	AD 69 - 260	69	260	France	Morienval	Silver	Carnelian
3,184	Marshman 2016	14.63	National Museum of Scotland, Edinburgh	Ring	late 1st - early 2nd century AD	74	125	Britain	Strageath	Iron	Carnelian
3,185	MFA online	21.1217	Museum of Fine Arts, Boston	Engraved Gem	2nd century AD	101	200				Carnelian
3,186	RMO online	GS-00665	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century AD	75	100				Carnelian
3,187	RMO online	GS-00670	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century AD	75	100				Carnelian
3,188	Bologna 1987	126 (inv. Gl. 164)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century AD	75	100				Carnelian
3,189	Bologna 1987	127 (inv. Gl. 16)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century AD	75	100				Carnelian
3,190	Aquileia 1996	94 (inv. 911/246)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
3,191	Aquileia 1996	88 (inv. 1268/327)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century AD	75	100				Carnelian
3,192	Wright 2001	22	Wright Collection	Engraved Gem	late 1st century AD	75	100	Turkey	Satala		Carnelian
3,193	Benaki 1999	Benaki Museum: ΓΕ 1631	Benaki Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Carnelian
3,194	AG Munich	2278	Staatliche Antikensammlungen, Munich	Engraved Gem	early 1st century AD	75	100				Carnelian
3,195	Hendler 2016	13	Hendler Collection	Ring	late 1st - 2nd century AD	75	200	Israel	Caesarea	Gold	Carnelian
3,196	Hendler 2016	43	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
3,197	Marshman 2016	1.33	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Newstead		Carnelian
3,198	Aquileia 1966	207 (inv. 24628)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st - early 2nd century AD	75	25	Italy	Aquileia		Carnelian
3,199	Aquileia 1966	612 (inv. 24509)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st - early 2nd century AD	75	125	Italy	Aquileia		Carnelian
3,200	Marshman 2016	21.14	Bristol Museum & Art Gallery	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Charterhouse-On-Mendip		Carnelian
3,201	Marshman 2016	21.23	Institute of Archaeology and Antiquity at the University of Birmingham	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Metchley		Carnelian
3,202	Xanten 1987/1994	142	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - early 2nd century AD	75	125	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
3,203	Xanten 1987/1994	161	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - early 2nd century AD	75	125	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,204	Marshman 2016	9.60	Museum of London	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	London		Carnelian
3,205	Marshman 2016	17.09	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Tommen-Y-Mur		Carnelian
3,206	Marshman 2016	4.15	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Carnelian
3,207	Marshman 2016	8.20	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Carnelian
3,208	Marshman 2016	17.18	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Carnelian
3,209	Marshman 2016	21.11	National Roman Legion Museum, Caerleon	Ring	late 1st - early 2nd century AD	75	125	Britain	Caerleon	Iron	Carnelian
3,210	Marshman 2016	107.12	British Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Great Chesterford		Carnelian
3,211	Marshman 2016	84.03	Chester Archaelogical Society	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chester, Amphitheater		Carnelian
3,212	Marshman 2016	107.13	Doncaster Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Doncaster	Iron	Carnelian

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3,213	Marshman 2016	42.00	Dorset County Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Dochester, Wollaston House		Carnelian
3,214	Marshman 2016	102.01	Museum of London	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	London, Miles Lane		Carnelian
3,215	Marshman 2016	117.02	Private Collection	Ring	late 1st - early 2nd century AD	75	125	Britain	Colchester	Silver	Carnelian
3,216	Marshman 2016	122.23	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Wanborough		Carnelian
3,217	Marshman 2016	125.02	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Rushton, Nr Corby		Carnelian
3,218	Marshman 2016	125.06	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Ebchester		Carnelian
3,219	Marshman 2016	49.20	National Museum of Wales	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Loughor		Carnelian
3,220	Marshman 2016	71.05	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Carnelian
3,221	Marshman 2016	82.01	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Carnelian
3,222	Marshman 2016	107.00	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Carnelian
3,223	Marshman 2016	121.05	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Carnelian
3,224	Marshman 2016	122.26	Newxastle-under-Lyme Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Holditch		Carnelian
3,225	Marshman 2016	72.01	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Aldborough		Carnelian
3,226	Marshman 2016	128.01	University of Reading	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Silchester, Insula		Carnelian
3,227	Marshman 2016	120.11	Shrewsbury Museum & Art Gallery	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Wroxeter		Carnelian
3,228	Marshman 2016	122.11	Tullie House Museum, Carlisle	Ring	late 1st - early 2nd century AD	75	125	Britain	Birdoswall	Iron	Carnelian
3,229	Marshman 2016	93.02	Verulamium Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Hammonds End Farm, Harpenden	Gold	Carnelian
3,230	Marshman 2016	105.00	Vindolanda Site Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chesterholm (Vindolanda)		Carnelian
3,231	Marshman 2016	89.29	Great North Museum Hancock, Newcastle upon Tyne	Engraved Gem	late 1st - early 2nd century AD?	75	125	Britain	Gowanburn River Camp		Carnelian
3,232	Marshman 2016	23.12	Roman Baths Museum, Bath	Engraved Gem	late 1st C AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,233	Bologna 1987	92 (inv. Gl. 44)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century AD	75	100				Carnelian
3,234	Bologna 1987	94 (inv. Gl. 71)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century AD	75	100				Carnelian
3,235	Marshman 2016	89.12	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,236	Marshman 2016	30.06	Carmarthenshire Museum	Engraved Gem	late 1st century AD	75	100	Britain	Dalaucothi, Pumsait		Carnelian
3,237	Marshman 2016	121.02	Museum of London	Engraved Gem	late 1st century AD	75	100	Britain	London, Cannon Street Station		Carnelian
3,238	Marshman 2016	9.06	Private Collection	Engraved Gem	late 1st century AD	75	100	Britain	Wall		Carnelian
3,239	Marshman 2016	10.04	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st century AD	75	100	Britain	Usk		Carnelian
3,240	Marshman 2016	21.09	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Carnelian
3,241	Marshman 2016	16.720	University of Reading	Ring	late 1st century AD	75	100	Britain	Silchester	Iron	Carnelian
3,242	Marshman 2016	32.23	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
3,243	Marshman 2016	32.27	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,244	Marshman 2016	72.04	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,245	Marshman 2016	74.00	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,246	Marshman 2016	74.04	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,247	Marshman 2016	75.00	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,248	Marshman 2016	82.00	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,249	Marshman 2016	90.01	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,250	Marshman 2016	1.00	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,251	Marshman 2016	8.03	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,252	Marshman 2016	14.40	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,253	Marshman 2016	14.62	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,254	Marshman 2016	16.49	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
3,255	Marshman 2016	3.06	Royal Albert Memorial Museum, Exeter	Ring	late 1st century AD	75	100	Britain		Iron	Carnelian
3,256	Marshman 2016	8.22	Royal Albert Memorial Museum, Exeter	Engraved Gem	late 1st century AD	75	100	Britain	Exeter		Carnelian
3,257	Marshman 2016	16.47	Wakefield Museum	Engraved Gem	late 1st century AD	75	100	Britain	Castleford		Carnelian
3,258	Aquileia 1966	257 (inv. 24596)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,259	Aquileia 1966	375 (inv. 53125)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,260	Aquileia 1966	376 (inv. 24917)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,261	Aquileia 1966	454 (inv. 25380)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,262	Aquileia 1966	575 (inv. 24463)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,263	Aquileia 1966	585 (inv. 26255)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,264	Aquileia 1966	629 (inv. 24756)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,265	Aquileia 1966	678 (inv. 24479)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian
3,266	Aquileia 1966	909 (inv. NA)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century AD	75	100	Italy	Aquileia		Carnelian

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3,267	Marshman 2016	107.17	Private Collection	Engraved Gem	late 1st century AD	75	100	Britain	Owmby		Carnelian
3,268	Marshman 2016	25.06	Reading Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Silchester	Gold	Carnelian
3,269	Guiraud 1988/2008	207	Centre de Codumentation Archéologique	Engraved Gem	late 1st - early 2nd century AD	75	125	France	Angers		Carnelian
3,270	MFA online	03.1008	Museum of Fine Arts, Boston	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
3,271	Getty Online	85.AN.370.70	J. Paul Getty Museum	Engraved Gem	AD 88	88	88				Carnelian
3,272	CHRE	8666	Private Collection	Engraved Gem	AD 98 - 161	98	161	France	Vienne I		Carnelian
3,273	CHRE	3234	Private Collection	Ring	AD 98 - 259	98	259	France	Esbarres	Gold	Carnelian
3,274	CHRE	13909	Private Collection	Ring	AD 98 - 268	98	268	Italy	Campore	Gold	Carnelian
3,275	BM online	1923,0401.240	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
3,276	Aquileia 1996	11 (inv. 1027/176)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 3rd century AD	75	300				Carnelian
3,277	Marshman 2016	16.08	Doncaster Museum	Ring	late 1st - mid 2nd century AD	75	150	Britain	Doncaster	Silver	Carnelian
3,278	Bologna 1987	172 (inv. Gl. 267)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st - early 2nd century AD	75	125				Carnelian
3,279	Marshman 2016	8.18	Great North Museum Hancock, Newcastle upon Tyne	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Wylam		Carnelian
3,280	MFA online	64.489	Museum of Fine Arts, Boston	Engraved Gem	AD 400 - 600	400	600				Carnelian
3,281	Marshman 2016	22.09	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Roman Baths Museum, Bath		Carnelian
3,282	Marshman 2016	8.02	Roman Alcester Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Alcester		Carnelian
3,283	Marshman 2016	16.670	The Higgins Museum, Bedford	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Ruxox		Carnelian
3,284	Aquileia 1966	618 (inv. 24505)	The National Archaeological Museum of Aquileia	Engraved Gem	early 2nd century AD	101	125	Italy	Aquileia		Carnelian
3,285	Marshman 2016	126.03	Private Collection	Ring	early 2nd century AD	101	125	Britain	Bartlow, Barrow No.2	Gold	Carnelian
3,286	Marshman 2016	50.03	Vindolanda Site Museum	Engraved Gem	early 2nd century AD	101	125	Britain	Chesterholm (Vindolanda)		Carnelian
3,287	Marshman 2016	41.24	Vindolanda Site Museum	Engraved Gem	early 2nd century AD	101	125	Britain	Chesterholm (Vindolanda)		Carnelian
3,288	Marshman 2016	26.03	The Pottery Museum, Stoke on Trent	Ring	early 2nd century AD	101	125	Britain	Rocester	Iron	Carnelian
3,289	Guiraud 1988/2008	272	Private Collection	Engraved Gem	early 2nd - mid 3rd century AD	101	250	France	Masamas		Carnelian
3,290	BM online	1917,0601.2982	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Garnet
3,291	BM online	1814,0704.1366	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Garnet
3,292	BM online	1867,0507.67	British Museum	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
3,293	BM online	1892,1103.176	British Museum	Engraved Gem	1st - 5th century AD	1	500	India			Carnelian
3,294	BM online	1892,1103.179	British Museum	Engraved Gem	1st - 5th century AD	1	500	India			Carnelian
3,295	BM online	2020,8007.1	British Museum	Ring	AD 1 - 300	1	300	Britain	Hacheston	Gold	Carnelian
3,296	Hendler 2016	37	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Carnelian
3,297	Hendler 2016	77	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Carnelian
3,298	BM online	1917,0501.769	British Museum	Ring	3rd century AD	201	300			Gold	Garnet
3,299	Xanten 1987/1994	32	des Rheinischen Landesmuseums Bonn	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Fürstenberg And Its Environs		Carnelian
3,300	Xanten 1987/1994	83	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Fürstenberg And Its Environs		Carnelian
3,301	Xanten 1987/1994	92	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Fürstenberg And Its Environs		Carnelian
3,302	MFA online	99.361	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100			Gold	Carnelian
3,303	Bologna 1987	129 (inv. Gl. 308)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,304	Bologna 1987	131 (inv. Gl. 201)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,305	Bologna 1987	136 (inv. Gl. 14)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian

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3,306	Bologna 1987	137 (inv. Gl. 96)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,307	Bologna 1987	147 (inv. Gl. 12)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,308	Bologna 1987	168 (inv. Ori 135)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,309	Bologna 1987	169 (inv. Gl. 36)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,310	Bologna 1987	177 (inv. Gl. 81)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,311	Bologna 1987	189 (inv. Ori 154)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,312	Bologna 1987	201 (inv. Gl. 228)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,313	Bologna 1987	202 (inv. Gl. 148)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,314	Bologna 1987	206 (inv. Gl. 311)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,315	Bologna 1987	228 (inv. Gl. 118)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,316	Bologna 1987	237 (inv. Gl. 113)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,317	Bologna 1987	238 (inv. Ori 142)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,318	Bologna 1987	256 (inv. Gl. 266)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,319	Bologna 1987	260 (inv. Gl. 189)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,320	Aquileia 1966	103 (inv.24667)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Aquileia		Carnelian
3,321	Aquileia 1966	113 (inv. 25766)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Aquileia		Carnelian
3,322	Aquileia 1966	1149 (inv. 24708)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Aquileia		Carnelian
3,323	AG Vienna	1735	Kunsthistorisches Museum Wien	Ring	2nd - 3rd century AD	101	300				Carnelian
3,324	Benaki 1999	Benaki Museum: ΓΕ 1632	Benaki Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Caerleon		Carnelian
3,325	Benaki 1999	Benaki Museum: ΓΕ 1636	Benaki Museum	Engraved Gem	2nd century AD	101	200	Syria			Carnelian
3,326	AG Vienna	2019	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	France	Cazères	Gold	Carnelian
3,327	Guiraud 1988/2008	130	Cazères Museum	Ring	3rd century AD	201	300	Austria	Carnuntum		Carnelian
3,328	Carnuntum 2005	814	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
3,329	Carnuntum 2005	815	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	France	Lisieux		Carnelian
3,330	Guiraud 1988/2008	2	Dépôt de fouilles de Gabian	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,331	Getty Online	82.AN.162.47	J. Paul Getty Museum	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,332	Getty Online	78.AN.373.3	J. Paul Getty Museum	Engraved Gem	1st - 4th century AD	1	400				Carnelian
3,333	Getty Online	85.AN.370.40	J. Paul Getty Museum	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,334	Getty Online	79.AN.27.4	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200	Italy	Rome		Carnelian
3,335	AG Vienna	2039	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
3,336	Carnuntum 2005	864	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
3,337	Carnuntum 2005	1032	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
3,338	Carnuntum 2005	1034	Kunsthistorisches Museum Wien	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
3,339	Carnuntum 2005	886	Kunsthistorisches Museum Wien	Engraved Gem	3rd - 5th century AD	201	500			Gold	Emerald
3,340	Met Online	1972.118.44	Metropolitan Museum of Art, New York	Necklace	1st century BC - 1st century AD	-100	100			Gold	Amethyst
3,341	Met Online	23.160.71	Metropolitan Museum of Art, New York	Necklace	4th century AD	301	400			Gold	Emerald
3,342	Met Online	17.190.1643	Metropolitan Museum of Art, New York	Necklace	1st century BC - 3rd century AD	-100	300				Carnelian
3,343	Met Online	81.6.261	Metropolitan Museum of Art, New York	Engraved Gem	3rd century AD	201	300			Gold	Carnelian
3,344	Met Online	1995.539.13	Metropolitan Museum of Art, New York	Bracelet	2nd - 3rd century AD	101	300	France	Mont-Beuvray		Carnelian
3,345	Guiraud 1988/2008	317	Musée Archéologique, Dijon	Engraved Gem	2nd - 3rd century AD	101	300	France	Laon		Carnelian
3,346	Guiraud 1988/2008	147	Musée Archéologique, Laon	Engraved Gem	2nd - 3rd century AD	101	300	France	Montauban		Carnelian
3,347	Guiraud 1988/2008	384	Musée Ingres, Montauban	Engraved Gem	2nd - 3rd century AD	101	300	France	Néris-Les-Bains		Carnelian
3,348	Guiraud 1988/2008	795	Musée Rieckotter	Ring	2nd - 3rd century AD	101	300	France	Entrains-Sur-Nohain		Carnelian
3,349	Guiraud 1988/2008	692	Musée, La Charité-sur-Loire	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
3,350	Carnuntum 2005	103	Museum Carnuntinum	Engraved Gem							

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3,351	Carnuntum 2005	302	Museum Carnuntinum	Engraved Gem
3,352	Carnuntum 2005	27	Museum Carnuntinum	Engraved Gem
3,353	Carnuntum 2005	858	Museum Carnuntinum	Engraved Gem
3,354	Carnuntum 2005	1007N	Museum Carnuntinum	Ring
3,355	Carnuntum 2005	299a	Museum Carnuntinum	Engraved Gem
3,356	Carnuntum 2005	25	Museum Carnuntinum	Engraved Gem
3,357	Carnuntum 2005	51	Museum Carnuntinum	Engraved Gem
3,358	Carnuntum 2005	76	Museum Carnuntinum	Engraved Gem
3,359	Carnuntum 2005	87	Museum Carnuntinum	Engraved Gem
3,360	Carnuntum 2005	106	Museum Carnuntinum	Ring
3,361	Carnuntum 2005	112	Museum Carnuntinum	Engraved Gem
3,362	Carnuntum 2005	113	Museum Carnuntinum	Engraved Gem
3,363	Carnuntum 2005	121	Museum Carnuntinum	Engraved Gem
3,364	Carnuntum 2005	122	Museum Carnuntinum	Engraved Gem
3,365	Carnuntum 2005	128	Museum Carnuntinum	Engraved Gem
3,366	Carnuntum 2005	151	Museum Carnuntinum	Engraved Gem
3,367	Carnuntum 2005	165	Museum Carnuntinum	Engraved Gem
3,368	Carnuntum 2005	177	Museum Carnuntinum	Engraved Gem
3,369	Carnuntum 2005	197	Museum Carnuntinum	Engraved Gem
3,370	Carnuntum 2005	222	Museum Carnuntinum	Engraved Gem
3,371	Carnuntum 2005	248	Museum Carnuntinum	Engraved Gem
3,372	Carnuntum 2005	262	Museum Carnuntinum	Engraved Gem
3,373	Carnuntum 2005	271	Museum Carnuntinum	Engraved Gem
3,374	Carnuntum 2005	292	Museum Carnuntinum	Engraved Gem
3,375	Carnuntum 2005	304	Museum Carnuntinum	Engraved Gem
3,376	Carnuntum 2005	371	Museum Carnuntinum	Ring
3,377	Carnuntum 2005	378	Museum Carnuntinum	Engraved Gem
3,378	Carnuntum 2005	427	Museum Carnuntinum	Engraved Gem
3,379	Carnuntum 2005	477	Museum Carnuntinum	Ring
3,380	Carnuntum 2005	539	Museum Carnuntinum	Ring
3,381	Carnuntum 2005	541	Museum Carnuntinum	Engraved Gem
3,382	MFA online	62.1151	Museum of Fine Arts, Boston	Engraved Gem
3,383	MFA online	18.388	Museum of Fine Arts, Boston	Engraved Gem
3,384	Marshman 2016	136.01	Museum of London	Ring
3,385	Marshman 2016	118.13	Private Collection	Ring
3,386	Guiraud 1988/2008	65	Private Collection	Engraved Gem
3,387	RMO online	GS-00882	National Museum of Antiquities, Leiden	Engraved Gem
3,388	RMO online	GS-00885	National Museum of Antiquities, Leiden	Engraved Gem
3,389	RMO online	GS-00920	National Museum of Antiquities, Leiden	Engraved Gem
3,390	RMO online	GS-00921	National Museum of Antiquities, Leiden	Engraved Gem
3,391	RMO online	GS-00955	National Museum of Antiquities, Leiden	Engraved Gem
3,392	RMO online	GS-00956	National Museum of Antiquities, Leiden	Engraved Gem
3,393	RMO online	GS-00959	National Museum of Antiquities, Leiden	Engraved Gem
3,394	RMO online	GS-00962	National Museum of Antiquities, Leiden	Engraved Gem
3,395	RMO online	GS-00963	National Museum of Antiquities, Leiden	Engraved Gem
3,396	RMO online	GS-00971	National Museum of Antiquities, Leiden	Engraved Gem
3,397	RMO online	GS-00972	National Museum of Antiquities, Leiden	Engraved Gem

Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century AD	1	100	Austria	Carnuntum		Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum	Bronze	Carnelian
1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum	Iron	Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum	Silver	Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum	Gold	Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
2nd century AD	101	200	Austria	Carnuntum	Iron	Carnelian
2nd century AD	101	200	Austria	Carnuntum	Iron	Carnelian
2nd century AD	101	200	Austria	Carnuntum		Carnelian
50 BC - AD 50	-50	50				Carnelian
1st - 2nd century AD	1	200				Carnelian
2nd - 3rd century AD	101	300	Britain	London, Northen House, 19-29 Gresham Street	Broze	Carnelian
2nd - 3rd century AD	101	300	Britain	Witcombe	Gold	Carnelian
2nd - 3rd century AD	101	300	France	Hornaing		Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian
2nd - 3rd century AD	101	300				Carnelian

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3,398	RMO online	GS-00973	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,399	RMO online	GS-00974	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,400	RMO online	GS-00975	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,401	RMO online	GS-00976	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,402	RMO online	GS-00977	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,403	RMO online	GS-00978	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,404	RMO online	GS-00979	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,405	RMO online	GS-00981	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,406	RMO online	GS-00982	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,407	RMO online	GS-00983	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,408	RMO online	GS-00984	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,409	RMO online	GS-00985	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,410	RMO online	GS-00986	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,411	RMO online	GS-00987	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,412	RMO online	GS-00988	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,413	RMO online	GS-00989	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,414	RMO online	GS-00990	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,415	RMO online	GS-00991	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,416	RMO online	GS-00992	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,417	RMO online	GS-00993	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,418	RMO online	GS-00995	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,419	RMO online	GS-00996	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,420	RMO online	GS-00997	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,421	RMO online	GS-00998	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,422	RMO online	GS-01000	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,423	RMO online	GS-01002	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,424	RMO online	GS-01004	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,425	RMO online	GS-01005	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,426	RMO online	GS-01006	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,427	RMO online	GS-01007	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,428	RMO online	GS-01008	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,429	RMO online	GS-01009	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,430	RMO online	GS-01012	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,431	RMO online	GS-01025	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,432	RMO online	GS-01029	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,433	RMO online	GS-01030	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,434	RMO online	GS-01031	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,435	RMO online	GS-01033	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,436	RMO online	GS-01034	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,437	RMO online	GS-01035	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,438	RMO online	GS-01036	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,439	RMO online	GS-01037	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,440	RMO online	GS-01038	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,441	RMO online	GS-01039	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,442	RMO online	GS-01040	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,443	RMO online	GS-01041	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,444	RMO online	GS-01042	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,445	RMO online	GS-01044	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,446	RMO online	GS-01045	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,447	RMO online	GS-01046	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
3,448	RMO online	GS-01047	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,449	RMO online	GS-01048	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,450	RMO online	GS-01049	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,451	RMO online	GS-01051	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,452	RMO online	GS-01052	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,453	RMO online	GS-01053	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,454	RMO online	GS-01055	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,455	RMO online	GS-01056	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,456	RMO online	GS-01057	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,457	RMO online	GS-01058	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,458	RMO online	GS-01060	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,459	RMO online	GS-01061	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,460	RMO online	GS-01063	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,461	RMO online	GS-01064	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,462	RMO online	GS-01065	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,463	RMO online	GS-01066	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,464	RMO online	GS-01067	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,465	RMO online	GS-01068	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,466	RMO online	GS-01069	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,467	RMO online	GS-01073	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,468	RMO online	GS-01074	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,469	RMO online	GS-01075	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,470	RMO online	GS-01076	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,471	RMO online	GS-01077	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,472	RMO online	GS-01079	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,473	RMO online	GS-01080	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,474	Carnuntum 2005	656	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,475	Carnuntum 2005	684	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,476	Carnuntum 2005	846	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,477	Carnuntum 2005	854	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,478	Carnuntum 2005	871	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,479	Carnuntum 2005	994	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Carnelian
3,480	Carnuntum 2005	1026	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Carnelian
3,481	Carnuntum 2005	1085	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Carnelian
3,482	Carnuntum 2005	1006N	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,483	Carnuntum 2005	1047N	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,484	Carnuntum 2005	176N	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Silver	Carnelian
3,485	Carnuntum 2005	21a	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,486	Carnuntum 2005	40N	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Carnelian
3,487	Carnuntum 2005	857a	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,488	Carnuntum 2005	888a	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
3,489	Guiraud 1988/2008	200	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Chassenon		Carnelian
3,490	Guiraud 1988/2008	213	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Esbarres		Carnelian
3,491	Guiraud 1988/2008	221	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Puissalicon		Carnelian
3,492	Guiraud 1988/2008	277	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Pécy		Carnelian
3,493	Guiraud 1988/2008	402	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Arpheuilles		Carnelian
3,494	Guiraud 1988/2008	434	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Augers-En-Brie		Carnelian
3,495	Guiraud 1988/2008	515	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Montélimar		Carnelian
3,496	Guiraud 1988/2008	721	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Fréjus		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
3,497	Carnuntum 2005	45	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,498	Carnuntum 2005	62	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,499	Carnuntum 2005	67	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,500	Carnuntum 2005	68	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,501	Carnuntum 2005	69	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,502	Carnuntum 2005	77	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,503	Carnuntum 2005	83	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,504	Carnuntum 2005	117	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,505	Carnuntum 2005	118	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,506	Carnuntum 2005	157	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,507	Carnuntum 2005	162	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,508	Carnuntum 2005	178	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,509	Carnuntum 2005	187	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Carnelian
3,510	Carnuntum 2005	201	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,511	Carnuntum 2005	249	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,512	Carnuntum 2005	319	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Carnelian
3,513	Carnuntum 2005	335	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,514	Carnuntum 2005	421	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,515	Carnuntum 2005	509	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,516	Carnuntum 2005	510	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,517	Guiraud 1988/2008	180	Société Archéologique, Montpellier	Ring	2nd - 3rd century AD	101	300	France	Montpellier	Gold	Carnelian
3,518	AG Munich	2659	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300	Egypt			Carnelian
3,519	AG Munich	2479	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,520	AG Munich	2504	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,521	AG Munich	2505	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,522	AG Munich	2540	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,523	AG Munich	2560	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,524	AG Munich	2561	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,525	AG Munich	2601	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,526	AG Munich	2753	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,527	AG Munich	2617	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,528	AG Munich	2648	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,529	AG Munich	2452	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,530	AG Munich	2660	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,531	AG Munich	2687	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,532	AG Munich	2690	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,533	AG Munich	2693	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,534	AG Munich	2697	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,535	AG Munich	2727	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,536	AG Munich	2739	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,537	AG Munich	2785	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,538	AG Munich	2833	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,539	AG Munich	2844	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,540	AG Munich	2850	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,541	AG Munich	2857	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,542	AG Munich	2875	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,543	AG Munich	2885	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,544	AG Munich	2588	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,545	Berlin 2007	418	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	101				Carnelian
3,546	Berlin 2007	419	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	101				Carnelian

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3,547	Berlin 2007	498	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
3,548	AGD Braunschweig	500	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,549	AGD Braunschweig	516	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,550	Berlin 2007	553	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Carnelian
3,551	Berlin 2007	634	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
3,552	AGD Hannover	470	Museum August Kestner-Hannover	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
3,553	AGD Hannover	481	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,554	AGD Hannover	491	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,555	AGD Hannover	569	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,556	AGD Hannover	575	Museum August Kestner-Hannover	Engraved Gem	40 - 30 BC	-40	-30				Carnelian
3,557	AGD Hannover	608	Museum August Kestner-Hannover	Engraved Gem	40 BC	-40	-40				Carnelian
3,558	AGD Hannover	609	Museum August Kestner-Hannover	Engraved Gem	40 BC	-40	-40				Carnelian
3,559	AGD Hannover	612	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,560	AGD Hannover	621	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,561	AGD Hannover	623	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Sardonyx
3,562	AGD Hannover	624	Museum August Kestner-Hannover	Engraved Gem	early 1st century AD	1	25				Carnelian
3,563	AGD Hannover	625	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,564	AGD Hannover	627	Museum August Kestner-Hannover	Engraved Gem	100 - 50 BC	-100	-50				Carnelian
3,565	AGD Hannover	630	Museum August Kestner-Hannover	Engraved Gem	100 - 50 BC	-100	-50				Carnelian
3,566	AGD Hannover	632	Museum August Kestner-Hannover	Engraved Gem	mid 1st century BC	-75	-25				Carnelian
3,567	AGD Hannover	636	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,568	AGD Hannover	644	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,569	AGD Hannover	645	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,570	AGD Hannover	648	Museum August Kestner-Hannover	Engraved Gem	100 - 50 BC	-100	-50				Carnelian
3,571	AGD Hannover	651	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,572	AGD Hannover	660	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 100	-50	100				Carnelian
3,573	AGD Hannover	663	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,574	AGD Hannover	668	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,575	AGD Hannover	669	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,576	AGD Hannover	670	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,577	AGD Hannover	671	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,578	AGD Hannover	675	Museum August Kestner-Hannover	Engraved Gem	100 - 50 BC	-100	-50				Carnelian
3,579	AGD Hannover	677	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,580	AGD Hannover	683	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,581	AGD Hannover	685	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,582	AGD Hannover	687	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,583	AGD Hannover	688	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,584	AGD Hannover	690	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,585	AGD Hannover	693	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,586	AGD Hannover	694	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,587	AGD Hannover	695	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,588	AGD Hannover	696	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,589	AGD Hannover	697	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Sardonyx
3,590	AGD Hannover	698	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,591	AGD Hannover	699	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,592	AGD Hannover	700	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,593	AGD Hannover	702	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
3,594	AGD Hannover	703	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,595	AGD Hannover	707	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian

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3,596	AGD Hannover	709	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,597	AGD Hannover	710	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Sardonyx
3,598	AGD Hannover	711	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 10	-50	10				Carnelian
3,599	Berlin 2007	361	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
3,600	Berlin 2007	363	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-75	-25				Carnelian
3,601	Berlin 2007	366	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-10	-1				Carnelian
3,602	Berlin 2007	367	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-10	-1				Carnelian
3,603	AGD Kassel	125	Museumslandschaft Hessen Kassel	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
3,604	BM online	1917,0601.2723	British Museum	Necklace	AD 100 - 200	100	200			Gold	Carnelian
3,605	Carnuntum 2005	527	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,606	Guiraud 1988/2008	922	Private Collection	Engraved Gem	2nd - 4th century AD	101	400	France	Piolenc		Carnelian
3,607	RMO online	GS-01081	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,608	RMO online	GS-01082	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,609	RMO online	GS-01086	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,610	RMO online	GS-01123	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,611	RMO online	GS-01130	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,612	RMO online	GS-01139	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,613	RMO online	GS-01141	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,614	RMO online	GS-01143	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,615	RMO online	GS-01144	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Carnelian
3,616	MFA online	98.753	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Sardonyx
3,617	BM online	1981,0905.10	British Museum	Earrings	1st century AD	1	100	Crimea	Kerch	Gold	Garnet
3,618	BM online	1866,0504.50	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Garnet
3,619	BM online	1980,0201.104	British Museum	Earrings	1st - 2nd century AD	1	200			Gold	Garnet
3,620	BM online	1814,0704.1154	British Museum	Earrings	1st - 2nd century AD	1	200			Gold	Garnet
3,621	BM online	1878,0315.1	British Museum	Ring	1st century AD	1	100	Britain	Selsey Bill	Gold	Garnet
3,622	BM online	1814,0704.1153	British Museum	Earrings	1st - 2nd century AD	1	200			Gold	Garnet
3,623	BM online	1917,0501.748	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
3,624	BM online	1866,0504.64	British Museum	Ring	2nd century BC - 2nd century AD	-200	200	Greece	Corfu	Gold	Garnet
3,625	BM online	1917,0501.722	British Museum	Ring	late 1st - 2nd century AD	75	200	Greece	Crete	Gold	Garnet
3,626	BM online	1917,0501.770	British Museum	Ring	3rd century AD	201	300	Egypt		Gold	Garnet
3,627	BM online	1896,1018.1	British Museum	Ring	1st century BC	-100	-1	Cyprus		Gold	Garnet
3,628	BM online	1872,0604.174	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
3,629	BM online	1872,0604.518	British Museum	Earring	1st century AD	1	100			Gold	Garnet
3,630	BM online	1872,0604.609	British Museum	Earring	2nd century AD	101	200			Gold	Garnet
3,631	BM online	1872,0604.668	British Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Garnet
3,632	BM online	1872,0604.371	British Museum	Ring	2nd - 3rd century AD	101	300			Gold	Garnet
3,633	BM online	1917,0601.2602	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Garnet
3,634	BM online	1881,0824.1	British Museum	Necklace	AD 100 - 300	100	300			Gold	Garnet
3,635	BM online	1899,0218.6	British Museum	Earring	2nd century AD	101	200			Gold	Garnet
3,636	BM online	1917,0601.2583	British Museum	Earrings	2nd - 3rd century AD	101	300			Gold	Garnet
3,637	AGD Göttingen	369	Archaologischen Institut der Universitat Göttingen	Engraved Gem	2nd -3rd century AD	101	300				Carnelian
3,638	Marshman 2016	16.29	Arbeia Roman Fort & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Shields		Carnelian
3,639	Marshman 2016	17.95	Arbeia Roman Fort & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Shields		Carnelian
3,640	Marshman 2016	21.26	Arbeia Roman Fort & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Shields		Carnelian
3,641	Marshman 2016	9.30	Braintree Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Kelvedon		Carnelian
3,642	Marshman 2016	25.09	Ashmolean Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chinham Hill		Carnelian

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3,643	Marshman 2016	71.01	Ashmolean Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Shrospshire (Wroxeter?)		Carnelian
3,644	Marshman 2016	49.19	Barbican House Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Sussex?		Carnelian
3,645	BM online	1894,1101.169	British Museum	Earrings	AD 100 - 200	100	200			Gold	Garnet
3,646	Marshman 2016	14.16	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Great Chesterford	Silver	Carnelian
3,647	Marshman 2016	21.13	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Slay Hill Saltings		Carnelian
3,648	Marshman 2016	32.33	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Stonea Grange		Carnelian
3,649	Marshman 2016	74.03	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Milton-Next-Sittingbourne	Gold	Carnelian
3,650	Marshman 2016	104.19	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Windsor	Silver	Carnelian
3,651	Marshman 2016	32.10	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Slay Hill Saltings	Silver	Carnelian
3,652	Marshman 2016	104.27	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Colchester	Silver	Carnelian
3,653	Marshman 2016	25.18	Buckinghamshire County Museum, Alyesbury	Ring	late 1st - 2nd century AD	75	200	Britain	Margiovinium (Nr Fenny Stratford)	Iron	Carnelian
3,654	Marshman 2016	16.30	Chester Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chester		Carnelian
3,655	Marshman 2016	15.04	Colchester Castle Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Colchester		Carnelian
3,656	Marshman 2016	25.13	Corbridge Roman Site & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Corbridge		Carnelian
3,657	Marshman 2016	25.43	Corbridge Roman Site & Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Corbrige	Silver	Carnelian
3,658	Marshman 2016	8.33	Corinium Museum, Cirencester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Cirencester		Carnelian
3,659	Marshman 2016	33.00	Corinium Museum, Cirencester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Cirencester, Insula Vi, Building 3		Carnelian
3,660	Marshman 2016	17.37	Craven Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Dowkabottom		Carnelian
3,661	Xanten 1987/1994	116	des Rheinischen Landesmuseums Bonn	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
3,662	Xanten 1987/1994	154	des Rheinischen Landesmuseums Bonn	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,663	Marshman 2016	14.59	English Heritage Store	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Carnelian
3,664	Marshman 2016	25.17	English Heritage Store Atcham	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter, Bath/ Macellum		Carnelian
3,665	Marshman 2016	70.16	English Heritage Store Atcham	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter, Bath Basilica		Carnelian
3,666	Marshman 2016	15.02	English Heritage Store, Atcham	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Carnelian
3,667	Marshman 2016	16.04	English Heritage Store, Atcham	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Carnelian
3,668	Marshman 2016	102.10	English Heritage Store, Atcham	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Carnelian
3,669	Marshman 2016	30.04	Falkirk Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Mumrills, Annexe		Carnelian
3,670	Marshman 2016	104.05	Falkirk Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Camelon	Silver	Carnelian
3,671	Getty Online	82.AN.162.71	J. Paul Getty Museum	Ring	2nd century AD	101	200			Bronze	Carnelian
3,672	Getty Online	83.AN.437.36	J. Paul Getty Museum	Engraved Gem	mid 1st century BC	-75	-25	Italy			Carnelian
3,673	Marshman 2016	30.02	Glamorgan & Gwent Archaelogical Trust	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon, Vicus		Carnelian
3,674	Marshman 2016	26.00	Grosvenor Museum, Chester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chester?		Carnelian
3,675	Marshman 2016	33.02	H. Sheldon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London, Southwark		Carnelian

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3,676	Marshman 2016	23.00	Hawick Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Chester, Chollerford	Silver	Carnelian
3,677	Hendler 2016	10	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
3,678	Hendler 2016	18	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
3,679	Hendler 2016	27	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
3,680	Hendler 2016	35	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
3,681	Hendler 2016	38	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
3,682	Marshman 2016	9.08	Housesteads Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Housteads		Carnelian
3,683	Marshman 2016	32.71	Housesteads Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Housesteads		Carnelian
3,684	Marshman 2016	15.05	Hunterian Museum, Glasgow	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Leckie		Carnelian
3,685	Marshman 2016	32.00	Jewry Wall Museum, Leicester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Leicester Jewry Wall		Carnelian
3,686	Marshman 2016	30.01	Letchworth Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Braughing		Carnelian
3,687	Marshman 2016	21.03	Liverpool Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Canterbury		Carnelian
3,688	Marshman 2016	32.28	Lunt Roman Fort Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Lunt Fort, Baginton		Carnelian
3,689	Marshman 2016	49.01	Luton Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Chalgrave/ Toddington Boundary	Silver	Carnelian
3,690	Xanten 1987/1994	121	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
3,691	Xanten 1987/1994	125	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
3,692	Xanten 1987/1994	129	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Carnelian
3,693	Xanten 1987/1994	181	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,694	Xanten 1987/1994	184	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,695	Xanten 1987/1994	186	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,696	Xanten 1987/1994	187	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,697	Xanten 1987/1994	192	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,698	Xanten 1987/1994	193	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,699	Xanten 1987/1994	202	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
3,700	Marshman 2016	109.01	Malton Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Malton		Carnelian

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3,701	Marshman 2016	71.03	Montrose Museum & Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Seaton Of Usan		Carnelian
3,702	Marshman 2016	32.73	Mueum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London, Watling Court		Carnelian
3,703	Marshman 2016	9.35	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Carnelian
3,704	Marshman 2016	17.43	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Carnelian
3,705	Marshman 2016	25.08	Museum of London	Ring	late 1st - 2nd century AD	75	200	Britain	London, Walbrook	Iron	Carnelian
3,706	Marshman 2016	32.17	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London, 72-80 Cheapside, 83-84 Queen Street, 9-12 Pancras Lane, Ec2 And Ec4		Carnelian
3,707	Marshman 2016	89.15	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London, 1-6 Milk Street		Carnelian
3,708	Marshman 2016	31.06	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Hardknot		Carnelian
3,709	Marshman 2016	105.13	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Chester, Praetorium Baths	Silver	Carnelian
3,710	Marshman 2016	1.31	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Cramond		Carnelian
3,711	Marshman 2016	9.22	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Richborough		Carnelian
3,712	Marshman 2016	14.14	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Harlow		Carnelian
3,713	Marshman 2016	17.11	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Thornbury		Carnelian
3,714	Marshman 2016	17.32	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Porth Dafarch		Carnelian
3,715	Marshman 2016	21.15	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Beckfoot		Carnelian
3,716	Marshman 2016	25.04	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Canterbury, St. Augustine'S Abbey		Carnelian
3,717	Marshman 2016	31.04	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Beauport Park		Carnelian
3,718	Marshman 2016	39.02	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Alcester		Carnelian
3,719	Marshman 2016	100.22	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Hockwold-Cum-Wilton	Silver	Carnelian
3,720	Marshman 2016	104.06	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Field Of Loshpot Lane, Kirk Deighton		Carnelian
3,721	Marshman 2016	105.14	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Winchester		Carnelian
3,722	Marshman 2016	1.20	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Cramond		Carnelian
3,723	Marshman 2016	1.23	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Carnelian
3,724	Marshman 2016	68.03	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Mumrills		Carnelian
3,725	Marshman 2016	25.51	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Bearsden		Carnelian
3,726	Marshman 2016	32.35	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead, South Annex		Carnelian
3,727	Marshman 2016	1.06	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Castlecary		Carnelian
3,728	Marshman 2016	4.06	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Carnelian
3,729	Marshman 2016	8.04	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Carnelian

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3,730	Marshman 2016	8.31	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Weymouth		Carnelian
3,731	Marshman 2016	11.00	National Museum of Scotland, Edinburgh	Ring	late 1st - 2nd century AD	75	200	Britain	Culbin Sands	Silver	Carnelian
3,732	Marshman 2016	16.570	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Carnelian
3,733	Marshman 2016	16.740	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Carnelian
3,734	Marshman 2016	17.12	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Inveresk		Carnelian
3,735	Marshman 2016	21.24	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Carnelian
3,736	Marshman 2016	26.08	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Inveresk Gate		Carnelian
3,737	Marshman 2016	31.41	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead, Near Bath		Carnelian
3,738	Marshman 2016	86.00	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Carnelian
3,739	Marshman 2016	21.10	National Museum of Wales	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Holt		Carnelian
3,740	Marshman 2016	25.50	National Museum of Wales	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Holt		Carnelian
3,741	Marshman 2016	31.11	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Carnelian
3,742	Marshman 2016	32.07	National Roman Legion Museum, Caerleon	Ring	late 1st - 2nd century AD	75	200	Britain	Caerleon	Iron	Carnelian
3,743	Marshman 2016	85.13	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon, Vicus		Carnelian
3,744	Marshman 2016	1.09	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Carnelian
3,745	Marshman 2016	9.36	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Carnelian
3,746	Marshman 2016	16.78	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Carnelian
3,747	Marshman 2016	23.03	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Carnelian
3,748	Marshman 2016	17.02	Newport Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerwent		Carnelian
3,749	Marshman 2016	3.12	Norwich Castle Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Brampton		Carnelian
3,750	Marshman 2016	80.00	Norwich Castle Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caistor St. Edmund		Carnelian
3,751	Marshman 2016	25.41	Oxfordshire County Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	North Leigh, Bridewell Farm.		Carnelian
3,752	Marshman 2016	32.20	Perth Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Ardoch		Carnelian
3,753	Marshman 2016	4.00	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Dragonby		Carnelian
3,754	Marshman 2016	17.36	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chalgrove		Carnelian
3,755	Marshman 2016	17.50	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Frilford		Carnelian
3,756	Marshman 2016	21.48	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Canterbury		Carnelian
3,757	Marshman 2016	33.01	Private Collection of H. Sands	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Owmby		Carnelian
3,758	Marshman 2016	110.00	Private Collection of Major General Sir George F. Johnson	Ring	late 1st - 2nd century AD	75	200	Britain	Castlesteads	Gold	Carnelian
3,759	Marshman 2016	32.21	Reading Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Sichester		Carnelian
3,760	Marshman 2016	120.03	Reading Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Silchester		Carnelian
3,761	Marshman 2016	20.01	Rutland County Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Thistleton	Silver	Carnelian
3,762	AGD Berlin	370	Staatliche Museen zu Berlin	Ring	late 1st - 2nd century AD	75	200			Iron	Carnelian
3,763	Berlin 2007	377	Staatliche Museen zu Berlin	Engraved Gem	early 1st century BC	-100	-75				Carnelian
3,764	Berlin 1975	Tafel 29. 4	Staatliche Museen zu Berlin	Necklace	2nd century AD	101	200			Gold	Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
3,765	Berlin 1975	Tafel 59. 35-36	Staatliche Museen zu Berlin	Ring	3rd century AD	201	300			Gold	Sardonyx
3,766	Marshman 2016	21.44	The Collection Museum, Lincoln	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Lincolnshire		Carnelian
3,767	Marshman 2016	23.02	The Collection Museum, Lincoln	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	West Real		Carnelian
3,768	Marshman 2016	8.01	The Higgins Museum, Bedford	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Ruxox		Carnelian
3,769	Marshman 2016	107.03	The Okney Museum, Kirkwall	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	The Howe		Carnelian
3,770	Marshman 2016	105.07	Towcester Museum & Visitor center	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Towcester, Alchester Road Suburb		Carnelian
3,771	Marshman 2016	21.16	Tullie House Museum, Carlisle	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Carlisle		Carnelian
3,772	V&A online	485-1871	Victoria & Albert Museum	Engraved Gem	3rd century AD	201	300				Agate
3,773	Marshman 2016	7.00	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Carnelian
3,774	Marshman 2016	17.39	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Carnelian
3,775	Marshman 2016	17.42	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Carnelian
3,776	Marshman 2016	32.36	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Carnelian
3,777	Marshman 2016	32.72	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Carnelian
3,778	Marshman 2016	33.03	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Carnelian
3,779	Marshman 2016	67.16	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Carnelian
3,780	Marshman 2016	105.10	Ware Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Hundson	Silver	Carnelian
3,781	Marshman 2016	21.27	Winchester City Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Winchester		Carnelian
3,782	Wright 2001	18	Wright Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Syria	Aleppo		Carnelian
3,783	Marshman 2016	22.07	Yorkshire Museum, York	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York		Carnelian
3,784	Marshman 2016	32.70	Yorkshire Museum, York	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York, Church Street Sewer		Carnelian
3,785	Marshman 2016	35.00	Yorkshire Museum, York	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York, Church Street Sewer		Carnelian
3,786	Marshman 2016	31.46	Yorkshire Museum, York	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York, Chuch Street		Carnelian
3,787	Marshman 2016	70.14	Yorkshire Museum, York	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York, Bedern Site		Carnelian
3,788	Marshman 2016	100.07	Yorkshire Museum, York	Ring	late 1st - 2nd century AD	75	200	Britain	Newton Kyme	Iron	Carnelian
3,789	Marshman 2016	21.05	Private Collection	Engraved Gem	AD 75 - 158	75	158	Britain	Bearsden		Carnelian
3,790	Marshman 2016	129.02	The Beverly Collection at Alnwick Castle	Engraved Gem	2nd century AD	101	200	Britain	High Rochester		Carnelian
3,791	Berlin 2007	383	Staatliche Museen zu Berlin	Engraved Gem	40 - 50 BC	-50	-40				Carnelian
3,792	Berlin 2007	385	Staatliche Museen zu Berlin	Engraved Gem	43 BC	-43	-43				Carnelian
3,793	Berlin 2007	389	Staatliche Museen zu Berlin	Engraved Gem	30 BC	-30	-30				Carnelian
3,794	Berlin 2007	396	Staatliche Museen zu Berlin	Engraved Gem	AD 209	209	209				Carnelian
3,795	Berlin 2007	397	Staatliche Museen zu Berlin	Engraved Gem	AD 209	209	209				Carnelian
3,796	Berlin 2007	401	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
3,797	Berlin 2007	403	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
3,798	Berlin 2007	407	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
3,799	Berlin 2007	408	Staatliche Museen zu Berlin	Engraved Gem	AD 1 - 50	1	50				Carnelian
3,800	Berlin 2007	409	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
3,801	Ashmolean Online	AN1941.536	Ashmolean Museum	Engraved Gem	2nd century AD	101	200				Carnelian
3,802	Carnuntum 2005	573	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,803	Carnuntum 2005	584	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian

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3,804	Marshman 2016	96.04	British Museum	Ring	2nd century AD	101	200	Britain	Slay Hills Saltings	Silver	Carnelian
3,805	Snettisham 1997	112	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,806	Snettisham 1997	113	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,807	Snettisham 1997	114	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,808	Snettisham 1997	115	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,809	Snettisham 1997	116	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,810	Snettisham 1997	117	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,811	Snettisham 1997	118	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,812	Snettisham 1997	119	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,813	Snettisham 1997	120	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,814	Snettisham 1997	121	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,815	Snettisham 1997	122	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,816	Snettisham 1997	123	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,817	Snettisham 1997	124	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,818	Snettisham 1997	125	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,819	Snettisham 1997	126	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,820	Snettisham 1997	127	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,821	Snettisham 1997	128	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,822	Snettisham 1997	129	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,823	Snettisham 1997	130	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,824	Snettisham 1997	131	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,825	Snettisham 1997	132	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,826	Snettisham 1997	133	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,827	Snettisham 1997	134	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,828	Snettisham 1997	135	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,829	Snettisham 1997	136	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,830	Snettisham 1997	137	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,831	Snettisham 1997	138	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,832	Snettisham 1997	139	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,833	Snettisham 1997	140	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,834	Snettisham 1997	141	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,835	Snettisham 1997	142	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,836	Snettisham 1997	143	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,837	Snettisham 1997	144	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,838	Snettisham 1997	145	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,839	Snettisham 1997	146	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,840	Snettisham 1997	147	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,841	Snettisham 1997	148	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,842	Snettisham 1997	149	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,843	Snettisham 1997	150	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,844	Snettisham 1997	151	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,845	Snettisham 1997	152	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,846	Snettisham 1997	153	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,847	Snettisham 1997	154	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,848	Snettisham 1997	155	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,849	Snettisham 1997	156	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,850	Snettisham 1997	157	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,851	Snettisham 1997	158	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,852	Snettisham 1997	159	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian

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3,853	Snettisham 1997	160	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,854	Snettisham 1997	161	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,855	Snettisham 1997	162	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,856	Snettisham 1997	163	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,857	Snettisham 1997	164	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,858	Snettisham 1997	165	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,859	Snettisham 1997	166	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,860	Snettisham 1997	167	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,861	Snettisham 1997	168	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,862	Snettisham 1997	169	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,863	Snettisham 1997	170	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,864	Snettisham 1997	171	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,865	Snettisham 1997	172	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,866	Snettisham 1997	173	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,867	Snettisham 1997	174	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,868	Snettisham 1997	175	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,869	Snettisham 1997	176	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,870	Snettisham 1997	177	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,871	Snettisham 1997	178	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,872	Snettisham 1997	179	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,873	Snettisham 1997	180	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,874	Snettisham 1997	181	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,875	Snettisham 1997	182	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,876	Snettisham 1997	183	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,877	Snettisham 1997	184	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,878	Snettisham 1997	185	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,879	Snettisham 1997	186	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,880	Snettisham 1997	187	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,881	Snettisham 1997	188	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,882	Snettisham 1997	189	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,883	Snettisham 1997	190	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,884	Snettisham 1997	191	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,885	Snettisham 1997	192	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,886	Snettisham 1997	193	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,887	Snettisham 1997	194	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,888	Snettisham 1997	195	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,889	Snettisham 1997	196	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,890	Snettisham 1997	197	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,891	Snettisham 1997	198	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,892	Snettisham 1997	199	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,893	Snettisham 1997	200	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,894	Snettisham 1997	201	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,895	Snettisham 1997	202	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,896	Snettisham 1997	203	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,897	Snettisham 1997	204	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,898	Snettisham 1997	205	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,899	Snettisham 1997	206	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,900	Snettisham 1997	207	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,901	Snettisham 1997	208	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,902	Snettisham 1997	209	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian

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3,903	Snettisham 1997	210	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,904	Snettisham 1997	211	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,905	Snettisham 1997	212	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,906	Snettisham 1997	213	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,907	Snettisham 1997	214	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,908	Snettisham 1997	215	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Snettisham		Carnelian
3,909	Snettisham 1997	222	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,910	Snettisham 1997	223	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,911	Snettisham 1997	224	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,912	Snettisham 1997	225	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,913	Snettisham 1997	226	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,914	Snettisham 1997	227	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,915	Snettisham 1997	228	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,916	Snettisham 1997	229	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,917	Snettisham 1997	230	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,918	Snettisham 1997	231	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,919	Snettisham 1997	232	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,920	Snettisham 1997	233	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,921	Snettisham 1997	234	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,922	Snettisham 1997	235	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,923	Snettisham 1997	236	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,924	Snettisham 1997	237	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,925	Snettisham 1997	238	British Museum	Ring	2nd century AD	101	200	Britain	Snettisham	Silver	Carnelian
3,926	Marshman 2016	144.34	Canterbury Heritage Museum	Ring	2nd century AD	101	200	Britain	Canterbury Marlow	Silver	Carnelian
3,927	Guiraud 1988/2008	196	Centre Archéologique du Var à Toulon	Engraved Gem	2nd century AD	101	200	France	Taradeau		Carnelian
3,928	Guiraud 1988/2008	128	Centre Archéologique Ribemont-sur-Ancre	Engraved Gem	2nd century AD	101	200	France	Saint-Rémy-De-Provence		Carnelian
3,929	Guiraud 1988/2008	414	Chapelle des Lazaristes, Collection des Pères Lazaristes	Engraved Gem	2nd century AD	101	200	France	Lyon		Carnelian
3,930	Guiraud 1988/2008	56	Departmental Museum of Ancient Art and Contemporary, Épinal	Engraved Gem	2nd century AD	101	200	France	Grand		Carnelian
3,931	Guiraud 1988/2008	247	Dépôt de fouilles de Gaujac	Engraved Gem	2nd century AD	101	200	France	Rezé		Carnelian
3,932	Guiraud 1988/2008	390	Dépôt de fouilles, Angers	Engraved Gem	2nd century AD	101	200	France	Angers		Carnelian
3,933	Guiraud 1988/2008	304	Dépôt de fouilles, Thonon	Ring	2nd century AD	101	200	France	Thonon	Gold	Carnelian
3,934	Marshman 2016	129.01	English Heritage Store Atcham	Engraved Gem	2nd century AD	101	200	Britain	Wroxeter		Carnelian
3,935	Marshman 2016	138.00	English Heritage Store Atcham	Engraved Gem	2nd century AD	101	200	Britain	Wroxeter, Baths/ Macellum		Carnelian
3,936	Israel online	76.42.2433	The Israel Museum, Jerusalem	Engraved Gem	2nd century AD	101	200				Carnelian
3,937	Israel online	90.24.399	The Israel Museum, Jerusalem	Engraved Gem	2nd century AD	101	200				Carnelian
3,938	Israel online	90.24.402	The Israel Museum, Jerusalem	Engraved Gem	2nd century AD	101	200				Carnelian
3,939	Getty Online	84.AN.1.49	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Carnelian
3,940	Getty Online	81.AN.106.9	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Carnelian
3,941	Getty Online	79.AN.126.4	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Carnelian
3,942	Getty Online	79.AN.27.3	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Carnelian
3,943	Getty Online	85.AN.444.5	J. Paul Getty Museum	Engraved Gem	second quarter of the 2nd century AD	175	200				Carnelian
3,944	Hermitage Online	22094	Hermitage Museum	Engraved Gem	2nd century AD	101	200				Amethyst
3,945	Berlin 2007	644	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
3,946	Berlin 2007	648	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian

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3,947	Berlin 2007	649	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
3,948	Berlin 2007	653	Staatliche Museen zu Berlin	Engraved Gem	1 - 50 BC	-50	-1				Carnelian
3,949	Berlin 2007	655	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Carnelian
3,950	Berlin 2007	656	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
3,951	Carnuntum 2005	653	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,952	Carnuntum 2005	688	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
3,953	Carnuntum 2005	690	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Carnelian
3,954	AG Vienna	1712	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Carnelian
3,955	AG Vienna	1757	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Carnelian
3,956	Met Online	81.6.77	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
3,957	Met Online	81.6.89	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
3,958	Met Online	81.6.52	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (green)
3,959	Met Online	81.6.193	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (green)
3,960	Guiraud 1988/2008	62	Musée archaéologique, Nîmes	Engraved Gem	2nd century AD	101	200	France	Le Chastellard-Delardiers		Carnelian
3,961	Guiraud 1988/2008	571	Musée Archéologique Hyères	Engraved Gem	2nd century AD	101	200	France	Hyères		Carnelian
3,962	Guiraud 1988/2008	74	Musée Archéologique, Lyon	Engraved Gem	2nd century AD	101	200	France	Laon		Carnelian
3,963	Guiraud 1988/2008	312	Musée Archéologique, Vaison	Engraved Gem	2nd century AD	101	200	France	Vaison-La-Romaine		Carnelian
3,964	Guiraud 1988/2008	881	Musée Bertrand	Engraved Gem	2nd century AD	101	200	France	Indre		Carnelian
3,965	Guiraud 1988/2008	318	Musée Château de Montbéliard	Engraved Gem	2nd century AD	101	200	France	Mandeure		Carnelian
3,966	Guiraud 1988/2008	783	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring	2nd century AD	101	200	France	Angerville	Gold	Carnelian
3,967	Guiraud 1988/2008	807	Musée d'Archéologique, Nice	Ring	2nd century AD	101	200	France	Cimiez	Gold	Carnelian
3,968	Guiraud 1988/2008	608	Musée d'Art et d'Histoire, Metz	Engraved Gem	2nd century AD	101	200	France	Metz		Carnelian
3,969	Guiraud 1988/2008	185	Musée de la Diana, Montbrison	Ring	2nd century AD	101	200	France	Chalain-D'Uzore	Gold	Carnelian
3,970	Guiraud 1988/2008	714	Musée de la Société Archéologique, Avesnes-sur-Helpe	Engraved Gem	2nd century AD	101	200	France	Bavay		Carnelian
3,971	Guiraud 1988/2008	32	Musée Denon	Engraved Gem	2nd century AD	101	200	France	Chalon-Sur-Saône		Carnelian
3,972	Guiraud 1988/2008	129	Musée Départemental des Vosges	Ring	2nd century AD	101	200	France	Grand	Gold	Carnelian
3,973	Guiraud 1988/2008	171	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	2nd century AD	101	200	France	Vienne		Carnelian
3,974	Guiraud 1988/2008	349	Musée du Périgord	Engraved Gem	2nd century AD	101	200	France	Périgueux		Carnelian
3,975	Guiraud 1988/2008	271	Musée Quentovic	Engraved Gem	2nd century AD	101	200	France	Étaples		Carnelian
3,976	Guiraud 1988/2008	885	Musée Rolin, Autun, Autun	Engraved Gem	2nd century AD	101	200	France	Autun		Carnelian
3,977	Bologna 1987	130 (inv. Gl. 262)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,978	Bologna 1987	140 (inv. Gl. 260)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,979	Bologna 1987	142 (inv. Gl. 329)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,980	Bologna 1987	157 (inv. Gl. 88)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,981	Bologna 1987	158 (inv. Gl. 128)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,982	Bologna 1987	164 (inv. Gl. 51)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,983	Bologna 1987	174 (inv. Gl. 110)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,984	Bologna 1987	175 (inv. Gl. 152)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,985	Bologna 1987	182 (inv. Gl. 26)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,986	Bologna 1987	191 (inv. Gl. 102)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,987	Bologna 1987	227 (inv. Gl. 122)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,988	Bologna 1987	233 (inv. Gl. 112)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,989	Bologna 1987	234 (inv. Gl. 134)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,990	Bologna 1987	239 (inv. Ori 119)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian

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3,991	Bologna 1987	242 (inv. Gl. 50)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Carnelian
3,992	AGD Hannover	751	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
3,993	AGD Hannover	753	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chalcedony
3,994	AGD Hannover	754	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chalcedony
3,995	AGD Hannover	757	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
3,996	AGD Hannover	758	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
3,997	AGD Hannover	761	Museum August Kestner-Hannover	Engraved Gem	10 BC - AD 50	-10	50				Chrysoprase
3,998	AGD Hannover	762	Museum August Kestner-Hannover	Engraved Gem	10 BC - 1st century AD	-10	100				Carnelian
3,999	AGD Hannover	764	Museum August Kestner-Hannover	Engraved Gem	AD 1 - 50	1	50				Onyx (Nicolo)
4,000	AGD Hannover	766	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,001	AGD Hannover	768	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,002	AGD Hannover	769	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Sardonyx
4,003	AGD Hannover	770	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,004	AGD Hannover	771	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,005	AGD Hannover	773	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
4,006	AGD Hannover	774	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
4,007	AGD Hannover	775	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
4,008	AGD Hannover	777	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,009	AGD Hannover	778	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
4,010	AGD Hannover	779	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,011	AGD Hannover	780	Museum August Kestner-Hannover	Engraved Gem		1	100				Sardonyx
4,012	AGD Hannover	781	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,013	AGD Hannover	783	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,014	AGD Hannover	785	Museum August Kestner-Hannover	Engraved Gem	1st century BC - 1st century AD	-100	100				Agate
4,015	AGD Hannover	786	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,016	AGD Hannover	792	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,017	AGD Hannover	795	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chalcedony
4,018	AGD Hannover	797	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chalcedony
4,019	AGD Hannover	798	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Jasper
4,020	AGD Hannover	800	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,021	AGD Hannover	803	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,022	AGD Hannover	805	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,023	AGD Hannover	806	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,024	AGD Hannover	809	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
4,025	AGD Hannover	813	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,026	AGD Hannover	815	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Jasper (Heliotrope)
4,027	AGD Hannover	815E	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Jasper
4,028	AGD Hannover	816	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,029	AGD Hannover	821	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,030	AGD Hannover	822	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,031	AGD Hannover	825	Museum August Kestner-Hannover	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,032	AGD Hannover	826	Museum August Kestner-Hannover	Engraved Gem	1st -2nd century AD	1	200				Carnelian
4,033	AGD Hannover	827	Museum August Kestner-Hannover	Engraved Gem	first half of the 1st century AD	1	50				Carnelian
4,034	AGD Hannover	829	Museum August Kestner-Hannover	Engraved Gem	first half of the 1st century AD	1	50				Carnelian
4,035	Carnuntum 2005	754	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,036	Carnuntum 2005	755	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,037	Carnuntum 2005	763	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,038	Carnuntum 2005	791	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,039	Carnuntum 2005	819	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian

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4,040	Carnuntum 2005	833	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,041	Carnuntum 2005	841	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,042	Carnuntum 2005	857	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,043	Carnuntum 2005	878	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,044	Carnuntum 2005	911	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Carnelian
4,045	Carnuntum 2005	949	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,046	Carnuntum 2005	959	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,047	Carnuntum 2005	974	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
4,048	Carnuntum 2005	976	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,049	Carnuntum 2005	997	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,050	Carnuntum 2005	999	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,051	Carnuntum 2005	1030	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,052	Carnuntum 2005	1054	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,053	Carnuntum 2005	1055	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,054	Carnuntum 2005	1090	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,055	Carnuntum 2005	1192	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,056	Carnuntum 2005	699N	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,057	Carnuntum 2005	926a	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,058	Berlin 2007	422	Staatliche Museen zu Berlin	Engraved Gem	1 - 50 BC	-50	-1				Carnelian
4,059	AGD Hamburg	54	Museum für Kunst und Gewerbe Hamburg	Engraved Gem	2nd century AD	101	200				Agate
4,060	MFA online	98.754	Museum of Fine Arts, Boston	Engraved Gem	AD 50	50	50				Sardonyx
4,061	MFA online	99.368	Museum of Fine Arts, Boston	Engraved Gem	late 2nd - 3rd century AD	175	300				Carnelian
4,062	MFA online	99.101	Museum of Fine Arts, Boston	Engraved Gem	50 - 25 BC	-50	-25				Onyx
4,063	Marshman 2016	49.06	Private Collection	Engraved Gem	2nd century AD	101	200	Britain	Baldock		Carnelian
4,064	Marshman 2016	100.12	Private Collection	Ring	2nd century AD	101	200	Britain	Wrotham	Silver	Carnelian
4,065	Guiraud 1988/2008	86	Private Collection	Engraved Gem	2nd century AD	101	200	France	Ribemont-Sur-Ancre		Carnelian
4,066	Guiraud 1988/2008	157	Private Collection	Engraved Gem	2nd century AD	101	200	France	Ribemont-Sur-Ancre		Carnelian
4,067	Guiraud 1988/2008	218	Private Collection	Engraved Gem	2nd century AD	101	200	France	Limoges		Carnelian
4,068	Carnuntum 2005	1137	Museum Carnuntinum	Earring	2nd - 4th century AD	101	400	Austria	Carnuntum	Gold	Carnelian
4,069	RMO online	GS-00774	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Carnelian
4,070	RMO online	GS-00787	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200	Turkey			Carnelian
4,071	RMO online	GS-00792	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Carnelian
4,072	RMO online	GS-00848	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Carnelian
4,073	RMO online	GS-00861	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Carnelian
4,074	RMO online	GS-00881	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Carnelian
4,075	RMO online	GS-00888	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Carnelian
4,076	Marshman 2016	144.24	National Museum of Scotland, Edinburgh	Engraved Gem	2nd century AD	101	200	Britain	Newstead, Near Mansio	Carnelian	Carnelian
4,077	Marshman 2016	137.02	Oxford Archaeology/National Heritage	Ring	2nd century AD	101	200	Britain	Higgham Ferrers	Iron	Carnelian
4,078	Guiraud 1988/2008	582	Palais des Archevêques de Narbonne	Engraved Gem	2nd century AD	101	200	France	Narbonne		Carnelian
4,079	Carnuntum 2005	1138	Museum Carnuntinum	Earring	2nd - 4th century AD	101	400	Austria	Carnuntum	Gold	Carnelian
4,080	Carnuntum 2005	172	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,081	Carnuntum 2005	180	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,082	Carnuntum 2005	182	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,083	Carnuntum 2005	184	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,084	Carnuntum 2005	192	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,085	Carnuntum 2005	195	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian

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4,086	Carnuntum 2005	198	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,087	Carnuntum 2005	217	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,088	Carnuntum 2005	220	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,089	Carnuntum 2005	226	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,090	Guiraud 1988/2008	20	Private Collection	Engraved Gem	2nd century AD	101	200	France	Le Fief-Sauvin		Carnelian
4,091	Guiraud 1988/2008	120	Private Collection	Engraved Gem	2nd century AD	101	200	France	Vaudou-En-Brie		Carnelian
4,092	Guiraud 1988/2008	170	Private Collection	Engraved Gem	2nd century AD	101	200	France	Les Souils		Carnelian
4,093	Guiraud 1988/2008	251	Private Collection	Engraved Gem	2nd century AD	101	200	France	Saint-Chéron		Carnelian
4,094	Guiraud 1988/2008	405	Private Collection	Engraved Gem	2nd century AD	101	200	France	Chézieux		Carnelian
4,095	Guiraud 1988/2008	580	Private Collection	Engraved Gem	2nd century AD	101	200	France	Naitré		Carnelian
4,096	Guiraud 1988/2008	585	Private Collection	Ring	2nd century AD	101	200	France	Saint-Cyr-Sur-Mer	Iron	Carnelian
4,097	Guiraud 1988/2008	604	Private Collection	Engraved Gem	2nd century AD	101	200	France	Azille		Carnelian
4,098	Guiraud 1988/2008	237	Private Collection	Engraved Gem	2nd century AD	101	200	France	Puissalicon		Carnelian
4,099	Carnuntum 2005	275	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,100	Carnuntum 2005	278	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,101	Carnuntum 2005	322	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,102	Carnuntum 2005	345	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,103	Carnuntum 2005	346	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,104	Carnuntum 2005	351	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,105	Carnuntum 2005	353	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,106	Carnuntum 2005	361	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,107	Carnuntum 2005	369	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,108	Carnuntum 2005	380	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,109	Carnuntum 2005	384	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,110	Carnuntum 2005	388	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,111	Carnuntum 2005	389	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,112	Carnuntum 2005	400	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,113	Carnuntum 2005	406	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,114	Marshman 2016	129.04	Private Collection	Ring	2nd century AD	101	200	Britain	Faversham	Gold	Carnelian
4,115	AG Munich	2446	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,116	AG Munich	2466	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,117	AG Munich	2468	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,118	AG Munich	2469	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,119	AG Munich	2470	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,120	AG Munich	2474	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,121	AG Munich	2477	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,122	AG Munich	2480	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,123	AG Munich	2482	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,124	AG Munich	2485	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,125	AG Munich	2489	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,126	AG Munich	2495	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,127	AG Munich	2501	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,128	AG Munich	2502	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,129	AG Munich	2503	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,130	AG Munich	2510	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,131	AG Munich	2511	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,132	AG Munich	2513	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,133	AG Munich	2521	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian

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4,134	AG Munich	2527	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,135	AG Munich	2530	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,136	AG Munich	2558	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,137	AG Munich	2564	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,138	AG Munich	2605	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,139	AG Munich	2644	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,140	AG Munich	2652	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,141	AG Munich	2695	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,142	AG Munich	2715	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,143	AG Munich	2718	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,144	AG Munich	2736	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,145	AG Munich	2752	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,146	AG Munich	2756	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,147	AG Munich	2757	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,148	AG Munich	2770	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,149	AG Munich	2783	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,150	AG Munich	2801	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,151	AG Munich	2802	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,152	AG Munich	2803	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,153	AG Munich	2804	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,154	AG Munich	2805	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,155	AG Munich	2806	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,156	AG Munich	2808	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,157	AG Munich	2473	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,158	AG Munich	2811	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,159	AG Munich	2812	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,160	AG Munich	2828	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,161	AG Munich	2830	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,162	AG Munich	2839	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,163	AG Munich	2840	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,164	AG Munich	2848	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,165	AG Munich	2859	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,166	AG Munich	2860	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,167	AG Munich	2862	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,168	AG Munich	2876	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,169	AG Munich	2877	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Carnelian
4,170	AGD Berlin	430	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
4,171	Berlin 2007	432	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,172	Berlin 2007	439	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,173	Berlin 2007	440	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,174	AGD Berlin	557	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
4,175	Berlin 2007	442	Staatliche Museen zu Berlin	Engraved Gem	1 - 50 BC	-50	-1				Carnelian
4,176	Berlin 2007	443	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,177	AGD Berlin	444	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
4,178	Berlin 2007	448	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,179	AGD Kassel	82	Staatlichen Kunstsammulngen Kassel	Engraved Gem	2nd century AD	101	200				Jasper
4,180	Berlin 2007	456	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,181	AGD Kassel	86	Staatlichen Kunstsammulngen Kassel	Engraved Gem	2nd century AD	101	200				Jasper

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4,182	Berlin 2007	469	Staatliche Museen zu Berlin	Engraved Gem	50 - 125 BC	-50	-125				Carnelian
4,183	Berlin 2007	473	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,184	AGD Kassel	88	Museumslandschaft Hessen Kassel	Engraved Gem	2nd century AD	101	200				Carnelian
4,185	AGD Kassel	94	Museumslandschaft Hessen Kassel	Engraved Gem	2nd century AD	101	200				Carnelian
4,186	Berlin 2007	481	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,187	Berlin 2007	484	Staatliche Museen zu Berlin	Engraved Gem	50 - 100 BC	-100	-50				Carnelian
4,188	AGD Kassel	95	Museumslandschaft Hessen Kassel	Engraved Gem	2nd century AD	101	200				Carnelian
4,189	Berlin 2007	493	Staatliche Museen zu Berlin	Engraved Gem	early 1st century AD	1	25				Carnelian
4,190	AGD Kassel	85	Museumslandschaft Hessen Kassel	Engraved Gem	2nd century AD	101	200				Carnelian
4,191	Carnuntum 2005	426	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,192	Aquileia 1966	8 (inv. 24596)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,193	Aquileia 1966	203 (inv. 24722)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,194	Aquileia 1966	222 (inv. 24527)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,195	Aquileia 1966	254 (inv. R. C. 1169)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,196	Aquileia 1966	350 (inv. 48596)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,197	Aquileia 1966	351 (inv. 26414)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,198	Aquileia 1966	476 (inv. 24676)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,199	Aquileia 1966	572 (inv. 24670)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,200	Aquileia 1966	587 (inv.24873)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,201	Aquileia 1966	628 (inv. 24546)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,202	Aquileia 1966	653 (inv. 25404)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Carnelian
4,203	Thorvaldsens online	i1009	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd century AD	101	200				Carnelian
4,204	Thorvaldsens online	i1005	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd century AD	101	200				Carnelian
4,205	Berlin 2007	497	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,206	Berlin 2007	636	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
4,207	Berlin 2007	640	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Carnelian
4,208	AGD Kassel	107	Museumslandschaft Hessen Kassel	Engraved Gem	1st century AD	1	100				Carnelian
4,209	MFA online	27.753	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
4,210	MFA online	01.7597	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Onyx
4,211	Hendler 2016	100	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
4,212	Aquileia 1996	5 (inv. 1124/114)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,213	Aquileia 1996	10 (inv. 1158/70)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,214	Aquileia 1996	23 (inv. 1241/146)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,215	Aquileia 1996	25 (inv. 1188/175)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,216	Aquileia 1996	53 (inv. 1248/319)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,217	Aquileia 1996	66 (inv. 1243/91)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian

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4,218	Aquileia 1996	72 (inv. 1213/84)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,219	Aquileia 1996	148 (inv. 910/384)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,220	BM online	1981,0905.13	British Museum	Earrings	2nd century AD	101	200	Ukraine	Olbia	Gold	Garnet
4,221	RMO online	GS-00667	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,222	RMO online	GS-00672	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,223	RMO online	GS-00676	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,224	RMO online	GS-00677	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,225	RMO online	GS-00680	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,226	RMO online	GS-00695	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,227	RMO online	GS-00781	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
4,228	Hendler 2016	87	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Carnelian
4,229	Hendler 2016	125	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Carnelian
4,230	Hendler 2016	130	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Carnelian
4,231	Aquileia 1996	46 (inv. 1199/20)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - early 3rd century AD	75	300				Carnelian
4,232	BM online	1981,0905.15	British Museum	Earrings	3rd century AD	201	300			Gold	Garnet
4,233	BM online	1772,0314.51	British Museum	Ring	3rd century AD	201	300			Gold	Garnet
4,234	BM online	119583	British Museum	Engraved Gem	3rd century AD	201	300				Garnet
4,235	Thorvaldsens online	i1538	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
4,236	AGD Kassel	79	Museumslandschaft Hessen Kassel	Engraved Gem	3rd century AD	201	300				Carnelian
4,237	Marshman 2016	122.18	Museum of London	Engraved Gem	early - Mid 2nd century AD	101	175	Britain	London, Southwark, 1-7 St. Thomas Street		Carnelian
4,238	Marshman 2016	116.03	Private Collection	Engraved Gem	early - Mid 2nd century AD	101	175	Britain	Bothwelthhaugh		Carnelian
4,239	CHRE	7446	Private Collection	Ring	AD 117 - 270	117	270	Luxembourg	Altrier	Silver	Carnelian
4,240	Getty Online	85.AN.370.63	J. Paul Getty Museum	Engraved Gem	mid 1st century BC	-75	-25				Carnelian
4,241	AGD Berlin	513	Staatliche Museen zu Berlin	Engraved Gem	mid 2nd century AD	126	150	Turkey	Samsun		Carnelian
4,242	Berlin 2007	514	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,243	AGD Göttingen	515	Archaologischen Institut der Universitat Göttingen	Engraved Gem	mid 2nd century AD	126	150				Carnelian
4,244	Aquileia 1966	217 (inv. R. C. 1258)	The National Archaeological Museum of Aquileia	Engraved Gem	AD 138 - 193	138	193	Italy	Aquileia		Carnelian
4,245	Hague 1978	207	Royal Coin Cabinet, The Hague	Engraved Gem	50 - 1 BC	-50	-1	Italy	Rome		Carnelian
4,246	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Carnelian
4,247	BM online	1917,0501.786	British Museum	Ring	3rd century AD	201	300			Gold	Garnet
4,248	BM online	1872,0604.192	British Museum	Ring	3rd century AD	201	300			Gold	Garnet
4,249	Marshman 2016	75.02	Cliffe Castle Museum, Keighley	Ring	mid - late 2nd century AD	150	200	Britain	Silsden	Iron	Carnelian
4,250	AG Vienna	1769	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Egypt			Carnelian
4,251	AG Vienna	1786	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Carnelian
4,252	Aquileia 1996	45 (inv. 1277/271)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	mid 2nd - 3rd century AD	150	300				Carnelian
4,253	AGD Hannover	401	Museum August Kestner-Hannover	Engraved Gem	mid 1st century BC	-75	-25				Carnelian
4,254	Aquileia 1966	495 (inv. 24763)	The National Archaeological Museum of Aquileia	Engraved Gem	mid - late 2nd century AD	150	200	Italy	Aquileia		Carnelian
4,255	Met Online	49.21.1	Metropolitan Museum of Art, New York	Engraved Gem	1st - 2nd century AD	1	200				Amethyst

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4,256	Marshman 2016	68.06	University of Reading	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Silchester, Insula Ix		Carnelian
4,257	Marshman 2016	22.15	National Roman Legion Museum, Caerleon	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Caerleon		Carnelian
4,258	Marshman 2016	17.10	Reading Museum	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Silchester		Carnelian
4,259	Marshman 2016	16.580	Tullie House Museum, Carlisle	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Ravenglass		Carnelian
4,260	Marshman 2016	8.05	Vindolanda Site Museum	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Chesterholm		Carnelian
4,261	Marshman 2016	96.01	Wroxeter Site Museum	Ring	mid - late 2nd century AD	150	200	Britain	Wroxeter	Silver	Carnelian
4,262	Marshman 2016	31.40	Llulingstone Site Museum	Ring	mid - late 2nd century AD	150	200	Britain	Llulingstone	Gold	Carnelian
4,263	Marshman 2016	25.05	English Heritage Store Atcham	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Wroxeter		Carnelian
4,264	Marshman 2016	32.09	North Lincolnshire Museum, Scunthorpe	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Staniwells Farm, Field 0, Hibaldstown		Carnelian
4,265	Marshman 2016	49.05	The Higgins Museum, Bedford	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Thurleigh		Carnelian
4,266	Aquileia 1966	209 (inv. 25272)	The National Archaeological Museum of Aquileia	Engraved Gem	mid - late 2nd century AD	150	200	Italy	Aquileia		Carnelian
4,267	Marshman 2016	16.35	Norwich Castle Museum	Ring	AD 150	150	150	Britain	Weybourne	Silver	Carnelian
4,268	Snettisham 1997	216	British Museum	Engraved Gem	AD 150 - 160	150	160	Britain	Snettisham		Carnelian
4,269	Snettisham 1997	217	British Museum	Engraved Gem	AD 150 - 160	150	160	Britain	Snettisham		Carnelian
4,270	Snettisham 1997	218	British Museum	Engraved Gem	AD 150 - 160	150	160	Britain	Snettisham		Carnelian
4,271	Snettisham 1997	219	British Museum	Engraved Gem	AD 150 - 160	150	160	Britain	Snettisham		Carnelian
4,272	Snettisham 1997	220	British Museum	Engraved Gem	AD 150 - 160	150	160	Britain	Snettisham		Carnelian
4,273	Snettisham 1997	221	British Museum	Engraved Gem	AD 150 - 160	150	160	Britain	Snettisham		Carnelian
4,274	Carnuntum 2005	432	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,275	RMO online	GS-01153	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 2nd century AD	150	200				Carnelian
4,276	Thorvaldsens online	i151	Thorvaldsens Museum, Copenhagen	Engraved Gem	mid 2nd - 4th century AD	150	400				Carnelian
4,277	Thorvaldsens online	i1011	Thorvaldsens Museum, Copenhagen	Engraved Gem	mid 2nd - 4th century AD	150	400				Carnelian
4,278	Marshman 2016	23.04	English Heritage Store Atcham	Engraved Gem	mid 2nd - 3rd century AD	150	300	Britain	Wroxeter		Carnelian
4,279	Marshman 2016	39.06	Chester Site Museum	Engraved Gem	mid 2nd - early 3rd century AD	150	225	Britain	Chester		Carnelian
4,280	V&A online	235-1865	Victoria & Albert Museum	Ring	200 - 50 BC	-200	-50			Gold	Carnelian
4,281	Met Online	81.6.57	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
4,282	Marshman 2016	66.09	Private Collection	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Aldborough		Carnelian
4,283	Marshman 2016	131.00	Painted House Museum, Dover	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Dover, Classis Britannica Fort Baths		Carnelian
4,284	Marshman 2016	39.04	English Heritage Store Atcham	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Wroxeter		Carnelian
4,285	Marshman 2016	81.03	English Heritage Store Atcham	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Wroxeter		Carnelian
4,286	Marshman 2016	9.09	Painted House Museum, Dover	Engraved Gem	mid 2nd century - early 3rd century AD	150	225	Britain	Dover		Carnelian
4,287	Marshman 2016	17.33	British Museum	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Castlethorpe		Carnelian
4,288	Marshman 2016	39.07	English Heritage Store Atcham	Engraved Gem	Mid 2nd century AD	150	175	Britain	Wroxeter		Carnelian
4,289	Marshman 2016	3.14	English Heritage Store Atcham	Engraved Gem	AD 150	150	150	Britain	Wroxeter		Carnelian
4,290	Guiraud 1988/2008	136	Musée Alise-Sainte-Reine	Engraved Gem	AD 150	150	150	France	Alésia		Carnelian
4,291	Marshman 2016	122.28	Private Collection	Engraved Gem	Mid 2nd century AD	150	175	Britain	Braughing, Skeleton Green		Carnelian
4,292	Marshman 2016	9.38	National Museum of Scotland, Edinburgh	Engraved Gem	AD 150	150	150	Britain	Inveresk		Carnelian
4,293	Marshman 2016	31.13	National Roman Legion Museum, Caerleon	Engraved Gem	Mid 2nd century AD	150	175	Britain	Caerleon		Carnelian
4,294	Marshman 2016	1.28	Tullie House Museum, Carlisle	Engraved Gem	AD 150	150	150	Britain	Carlisle		Carnelian
4,295	Wright 2001	7	Wright Collection	Engraved Gem	mid - late 2nd century AD	150	200	Serbia	Belgrade		Carnelian
4,296	AG Vienna	1996	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Carnelian

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4,297	Marshman 2016	124.01	British Museum	Engraved Gem	AD 161 - 180	161	180	Britain	Senettisham		Carnelian
4,298	Marshman 2016	125.11	British Museum	Engraved Gem	AD 161 - 180	161	180	Britain	Senettisham		Carnelian
4,299	Marshman 2016	133.00	British Museum	Engraved Gem	AD 161 - 180	161	180	Britain	Senettisham		Carnelian
4,300	Marshman 2016	139.00	British Museum	Engraved Gem	AD 161 - 180	161	180	Britain	Senettisham		Carnelian
4,301	AGD Berlin	543	Staatliche Museen zu Berlin	Engraved Gem	AD 222 - 235	222	235				Carnelian
4,302	Berlin 2007	519	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-75	-25				Carnelian
4,303	AGD Hannover	931	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
4,304	BM online	1901,0225.2	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
4,305	BM online	1917,0501.529.+	British Museum	Ring	1st century BC - 1st century AD	-100	100			Gold	Garnet
4,306	Marshman 2016	25.14	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd century AD	175	200	Britain	Caerleon		Carnelian
4,307	Aquileia 1996	54 (inv. 916/346)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd - 3rd century AD	175	300				Carnelian
4,308	Aquileia 1996	47 (inv. 1138/152)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd - early 3rd century AD	175	225				Carnelian
4,309	Aquileia 1996	136 (inv. 1178/167)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd century AD	175	200				Carnelian
4,310	Marshman 2016	31.42	Brampton Museum & Art gallery	Engraved Gem	late 2nd century AD	175	200	Britain	Newcastle Under Lyme, Chesterton Fort		Carnelian
4,311	Marshman 2016	108.02	British Museum	Ring	late 2nd - 3rd century AD	175	300	Britain	Lacock	Silver	Carnelian
4,312	Bologna 1987	159 (inv. Gl. 55)	Museo Civico Archeologico di Bologna	Engraved Gem	late 2nd - 3rd century AD	175	300				Carnelian
4,313	Marshman 2016	126.00	Buckinghamshire County Museum, Alyesbury	Ring	late 2nd - 3rd century AD	175	300	Britain	West Wycomby	Silver	Carnelian
4,314	Marshman 2016	4.08	Clifton Park Museum, Rotherham	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Templeborough		Carnelian
4,315	Marshman 2016	17.10	Colchester Castle Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Colchester		Carnelian
4,316	Guiraud 1988/2008	80	Musée Annecy	Ring	late 2nd - 3rd century AD	175	300	France	Annecy	Gold	Carnelian
4,317	Marshman 2016	25.02	English Heritage Store Atcham	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Wroxeter		Carnelian
4,318	Marshman 2016	25.15	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Wanborough		Carnelian
4,319	Marshman 2016	104.21	British Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Ellerker	Silver	Carnelian
4,320	Marshman 2016	104.09	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Ricbchester, Bath House		Carnelian
4,321	Marshman 2016	107.14	Peterborough City Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Water Newton, Nr		Carnelian
4,322	Marshman 2016	105.15	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Sheerness	Bronze	Carnelian
4,323	Marshman 2016	107.04	York Archaeological Trust	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	York, 24-30 Tanner Row (General Accident)		Carnelian
4,324	Marshman 2016	1.18	Chester Archaelogical Society	Ring	late 2nd - early 3rd century AD	175	225	Britain	Chester	Silver	Carnelian
4,325	Marshman 2016	1.03	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Bourton-On-The-Water	Gold	Carnelian
4,326	Aquileia 1966	101 (inv. 24468)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Carnelian
4,327	Aquileia 1966	855 (inv. 25568)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Carnelian
4,328	Aquileia 1966	1150 (inv. 24619)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Carnelian
4,329	Aquileia 1966	1206 (inv. 25934)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Carnelian
4,330	Marshman 2016	20.07	Birmingham Museum & Art Gallery	Ring	late 2nd - early 3rd century AD	175	225	Britain	Overbury Park	Silver	Carnelian
4,331	Marshman 2016	11.01	Corbridge Roman Site & Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Corbridge		Carnelian

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4,332	Marshman 2016	17.51	Doncaster Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Rossington Bridge		Carnelian
4,333	Marshman 2016	9.19	Dorchester County Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Dorchester	Bronze	Carnelian
4,334	Marshman 2016	66.10	Dorchester County Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Maiden Castle		Carnelian
4,335	Marshman 2016	32.43	English Heritage Store Atcham	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Wroxeter, Bath/ Macellum		Carnelian
4,336	Marshman 2016	17.44	Gascoin Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Shouldham	Bronze	Carnelian
4,337	Marshman 2016	32.48	Great North Museum Hancock, Newcastle upon Tyne	Ring	late 2nd - early 3rd century AD	175	225	Britain	Hadrian'S Wall Area		Carnelian
4,338	Marshman 2016	17.57	Hull & East Riding Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Mill Farm	Silver	Carnelian
4,339	Marshman 2016	31.10	Ipswich Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Akenham		Carnelian
4,340	Marshman 2016	9.02	Museum of Gloucester	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Gloucester		Carnelian
4,341	Marshman 2016	4.09	Museum of London	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	London		Carnelian
4,342	Marshman 2016	21.43	Museum of Somerset, Taunton	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Catsgore		Carnelian
4,343	Marshman 2016	31.02	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Titchmarch	Silver	Carnelian
4,344	Marshman 2016	31.07	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Bletsoe	Silver	Carnelian
4,345	Marshman 2016	31.16	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Abbes Rodin	Bronze	Carnelian
4,346	Marshman 2016	132.00	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Lincoln	Gold	Carnelian
4,347	Marshman 2016	14.66	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Alveston	Bronze	Carnelian
4,348	Marshman 2016	20.08	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Ribchester		Carnelian
4,349	Marshman 2016	144.42	National Roman Legion Museum, Caerleon	Ring	late 2nd - early 3rd century AD	175	225	Britain	Caerleon	Bronze	Carnelian
4,350	Marshman 2016	9.27	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Caerleon		Carnelian
4,351	Marshman 2016	9.28	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Caerleon		Carnelian
4,352	Marshman 2016	8.07	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Wanborough		Carnelian
4,353	Marshman 2016	8.09	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Castlesteads		Carnelian
4,354	Marshman 2016	9.58	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Owmby	Bronze	Carnelian
4,355	Marshman 2016	21.49	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Saint Albans		Carnelian
4,356	Marshman 2016	31.01	Private Collection of H. Beavis-Harrison	Ring	late 2nd - early 3rd century AD	175	225	Britain	Aldborough	Silver	Carnelian
4,357	Marshman 2016	14.34	South Shields Museum & Art Gallery	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	South Shields		Carnelian
4,358	Marshman 2016	13.04	The Collection Museum, Lincoln	Ring	late 2nd - early 3rd century AD	175	225	Britain	Sleaford	Silver	Carnelian
4,359	Marshman 2016	32.38	The Collection Museum, Lincoln	Ring	late 2nd - early 3rd century AD	175	225	Britain	Caythorpe	Silver	Carnelian
4,360	Marshman 2016	32.39	Verulamium Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Saint Albans		Carnelian
4,361	Marshman 2016	1.37	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Carnelian
4,362	Marshman 2016	20.06	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Carnelian
4,363	Marshman 2016	21.17	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Carnelian
4,364	Marshman 2016	8.15	Worcester City Art Gallery & Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Droitwich		Carnelian
4,365	Marshman 2016	17.19	York Archaeological Trust	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	York		Carnelian
4,366	Marshman 2016	14.03	Yorkshire Museum, York	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	York		Carnelian
4,367	Marshman 2016	14.54	Yorkshire Museum, York	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	York		Carnelian
4,368	Marshman 2016	122.20	Barbican House Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Sussex?		Carnelian
4,369	Marshman 2016	39.17	British Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Thetford		Carnelian
4,370	Marshman 2016	32.74	British Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	London	Silver	Carnelian
4,371	Marshman 2016	57.01	Corbridge Roman Site & Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Corbridge		Carnelian
4,372	Marshman 2016	98.00	Corinium Museum, Cirencester	Ring	late 2nd - 3rd century AD	175	300	Britain	Cirencester Outside Bath Gate	Silver	Carnelian
4,373	Marshman 2016	122.13	English Heritage Fort Brockurst Store	Ring	late 2nd - 3rd century AD	175	300	Britain	Witcombe	Silver	Carnelian
4,374	Marshman 2016	32.01	English Heritage Store Atcham	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Wrxeter		Carnelian

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4,375	Marshman 2016	117.03	English Heritage Store Atcham	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Wroxeter		Carnelian
4,376	Marshman 2016	124.02	English Heritage Store Atcham	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Wroxeter		Carnelian
4,377	Marshman 2016	97.00	Grosvenor Museum, Chester	Ring	late 2nd - 3rd century AD	175	300	Britain	Chester, Newgate/ Pepper Street Excavation	Silver	Carnelian
4,378	Marshman 2016	31.48	Housesteads Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Housestead		Carnelian
4,379	Marshman 2016	83.08	Hull & East Riding Museum	Ring	late 2nd - 3rd century AD	175	300	Britain	Weighton Common, Market Weighton	Silver	Carnelian
4,380	Marshman 2016	39.10	Museum of Gloucester	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Weston-Under-Penyard		Carnelian
4,381	Marshman 2016	73.00	Museum of Gloucester	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Weton-Under-Penyard		Carnelian
4,382	Marshman 2016	122.29	Museum of London	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	London, Southwark,M Tabard Square		Carnelian
4,383	Marshman 2016	79.01	Museum of London	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	London, Southwark, King'S Reach, Winchester		Carnelian
4,384	Marshman 2016	32.11	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Attleborough	Gilt Broze	Carnelian
4,385	Marshman 2016	67.12	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Lincoln, Flaxengate		Carnelian
4,386	Marshman 2016	70.06	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Piercebridge	Silver	Carnelian
4,387	Marshman 2016	71.02	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Ribchester, Bath House		Carnelian
4,388	Marshman 2016	83.12	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Narford	Bronze	Carnelian
4,389	Marshman 2016	122.12	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Kingsclere	Silver	Carnelian
4,390	Marshman 2016	122.19	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Barmby Moore	Silver	Carnelian
4,391	Marshman 2016	124.00	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Osbournby	Silver	Carnelian
4,392	Marshman 2016	139.01	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Drayton Park, Lowick	Silver	Carnelian
4,393	Marshman 2016	139.02	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Cochester, Cymbeline Meadows	Bronze	Carnelian
4,394	Marshman 2016	88.07	National Museum of Wales	Ring	late 2nd - 3rd century AD	175	300	Britain	Rhostryfan	Silver	Carnelian
4,395	Marshman 2016	39.08	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Caerleon		Carnelian
4,396	Marshman 2016	41.03	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Carlaeon		Carnelian
4,397	Marshman 2016	70.13	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Caerleon		Carnelian
4,398	Marshman 2016	72.02	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Caerleon		Carnelian
4,399	Marshman 2016	122.27	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Caerleon		Carnelian
4,400	Marshman 2016	46.02	Oxfordshire County Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Wilcote		Carnelian
4,401	Marshman 2016	117.09	Painted House Museum, Dover	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Dover, Classis Britannica Fort Baths		Carnelian
4,402	Marshman 2016	67.15	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Wroxeter		Carnelian

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4,403	Marshman 2016	85.15	Segedunum Roman Fort & Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Wallsend		Carnelian
4,404	Marshman 2016	32.03	Tullie House Museum, Carlisle	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Carlisle, Annetwell Stree		Carnelian
4,405	Marshman 2016	100.06	Verulamium Museum	Ring	late 2nd - 3rd century AD	175	300	Britain	Gorhambury	Silver	Carnelian
4,406	Marshman 2016	83.11	Vindolanda Site Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Chesterholm (Vindolanda), Vicus		Carnelian
4,407	Marshman 2016	132.04	York Archaeological Trust	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	York, Wellington Road, Stakis Hotel		Carnelian
4,408	Marshman 2016	25.40	Private Collection	Ring	late 2nd - early 3rd Century AD	175	225	Britain	Cruckton	Silver	Carnelian
4,409	Marshman 2016	25.48	Private Collection	Ring	late 2nd - early 3rd Century AD	175	225	Britain	Winterborne Kingstone	Bronze	Carnelian
4,410	Marshman 2016	25.20	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd Century AD	175	225	Britain	Caerleon		Carnelian
4,411	Marshman 2016	144.33	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	South Cambridgeshire'	Silver	Carnelian
4,412	Marshman 2016	144.36	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Earl'S Croome	Silver	Carnelian
4,413	Marshman 2016	38.01	Dorman Museum, Middlesbrough	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Middlesbrough, Landsowne Road		Carnelian
4,414	Marshman 2016	66.20	English Heritage Store Atcham	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Wroxeter, Bath/ Macellum		Carnelian
4,415	Marshman 2016	39.00	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Caistor Sait Edmund	Gilt Bronze	Carnelian
4,416	Naples 1994	198 (inv. 26407/568)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	late 2nd - mid 3rd century AD	175	250				Carnelian
4,417	Bologna 1987	254 (inv. Gl. 25)	Museo Civico Archeologico di Bologna	Engraved Gem	late 2nd century AD	175	200				Carnelian
4,418	Aquileia 1966	224 (inv. 24471)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd century AD	175	200	Italy	Aquileia		Carnelian
4,419	Marshman 2016	105.09	British Museum	Ring	late 2nd century AD	175	200	Britain	Slay Hills Saltings	Silver	Carnelian
4,420	Marshman 2016	9.55	British Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Lincolnshire		Carnelian
4,421	Marshman 2016	16.06	British Museum	Ring	late 2nd century AD	175	200	Britain	Slay Hill Saltings	Silver	Carnelian
4,422	Marshman 2016	32.18	Colchester Castle Museum	Ring	late 2nd century AD	175	200	Britain	Colchester, St. Mary'S Hospital	Iron	Carnelian
4,423	Marshman 2016	16.31	Colchester Castle Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Colchester		Carnelian
4,424	Marshman 2016	17.85	Harlow Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Harlow		Carnelian
4,425	Marshman 2016	9.56	Housesteads Site Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Housteads		Carnelian
4,426	Marshman 2016	91.04	Private Collection	Ring	late 2nd century AD	175	200	Britain	Mildenhall?	Silver	Carnelian
4,427	Marshman 2016	93.06	Private Collection	Ring	late 2nd century AD	175	200	Britain	Great Walsingham	Silver	Carnelian
4,428	Marshman 2016	31.05	Private Collection	Ring	late 2nd century AD	175	200	Britain	Knutsford	Silver	Carnelian
4,429	Marshman 2016	14.24	Private Collection	Ring	late 2nd century AD	175	200	Britain	Mucking	Silver	Carnelian
4,430	Marshman 2016	17.58	Private Collection	Ring	late 2nd century AD	175	200	Britain	Moor Lane	Silver	Carnelian
4,431	Marshman 2016	32.26	Newport Museum	Ring	late 2nd century AD	175	200	Britain	Caerwent	Iron With Gold Collet	Carnelian
4,432	Marshman 2016	21.31	Northampton Archaeology	Engraved Gem	late 2nd century AD	175	200	Britain	Syresham		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
4,433	Marshman 2016	32.44	Norwich Castle Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Hockwold-Cum-Wilton		Carnelian
4,434	Marshman 2016	91.01	Roman Alcester Museum	Ring	late 2nd century AD	175	200	Britain	Alcester, Southrn Suburbs	Silver	Carnelian
4,435	Marshman 2016	32.57	Tullie House Museum, Carlisle	Ring	late 2nd century AD	175	200	Britain	Carlisle, English Street Picture House	White Metal (Lead?)	Carnelian
4,436	Wright 2001	21	Wright Collection	Engraved Gem	late 2nd century AD	175	200	Turkey	Trapezus		Carnelian
4,437	Marshman 2016	25.39	Private Collection	Ring	late 2nd century AD	175	200	Britain	Great Walsingham	Silver	Carnelian
4,438	Marshman 2016	25.10	Private Collection of C.N. White	Ring	late 2nd century AD	175	200	Britain	Dunsmore	Silver	Carnelian
4,439	Marshman 2016	39.01	Arbeia Roman Fort & Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	South Shields		Carnelian
4,440	Met Online	81.6.105	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
4,441	AGD Hannover	932	Museum August Kestner-Hannover	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
4,442	Marshman 2016	23.09	National Roman Legion Museum, Caerleon	Engraved Gem	AD 193 - 235	193	235	Britain	Caerleon		Carnelian
4,443	BM online	1917,0501.1311	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Bronze	Garnet
4,444	CHRE	7163	Private Collection	Ring	AD 198 - 268	198	268	France	Saint-Boil	Gold	Carnelian
4,445	CHRE	7163	Private Collection	Ring	AD 198 - 268	198	268	France	Saint-Boil	Gold	Carnelian
4,446	CHRE	7163	Private Collection	Ring	AD 198 - 268	198	268	France	Saint-Boil	Silver	Carnelian
4,447	CHRE	7163	Private Collection	Ring	AD 198 - 268	198	268	France	Saint-Boil	Silver	Carnelian
4,448	Guiraud 1988/2008	222	Musée Barrois, Bar-le-Duc	Engraved Gem	late 2nd - mid 3rd century AD	175	250	France	Naix-Aux-Forges		Carnelian
4,449	Met Online	81.6.53	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
4,450	Marshman 2016	113.02	Private Collection	Engraved Gem	early 3rd century AD	201	225	Britain	Burgh Castle		Carnelian
4,451	Marshman 2016	66.00	Private Collection	Ring	early 3rd century AD	201	225	Britain	Kingthorpe	Bronze	Carnelian
4,452	Marshman 2016	39.13	Private Collection of F.A. Powell	Ring	early 3rd century AD	201	225	Britain	Colchester, Temple Of Claudius	Gold	Carnelian
4,453	Éauze 1996	7E	Archaeological Museum / The Treasure of Eauze	Engraved Gem	3rd century AD	201	300	France	Éauze		Carnelian
4,454	Éauze 1996	5E	Archaeological Museum / The Treasure of Eauze	Engraved Gem	3rd century AD	201	300	France	Éauze		Carnelian
4,455	Berlin 2007	520	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-75	-25			Gold	Carnelian
4,456	Bologna 1987	143 (inv. Gl. 255)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,457	Bologna 1987	208 (inv. Gl. 59)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,458	Bologna 1987	209 (inv. Gl. 83)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,459	Bologna 1987	213 (inv. Gl. 294)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,460	Bologna 1987	215 (inv. Gl. 69)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,461	Bologna 1987	223 (inv. Gl. 330)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,462	Bologna 1987	224 (inv. Gl. 236)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,463	Bologna 1987	217 (inv. Gl. 90)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,464	Carnuntum 2005	434	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,465	Carnuntum 2005	440	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,466	Carnuntum 2005	441	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,467	Carnuntum 2005	462	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,468	Carnuntum 2005	471	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,469	Carnuntum 2005	523	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,470	Thorvaldsens online	i1286	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,471	Thorvaldsens online	i678	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,472	Thorvaldsens online	i253	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,473	Thorvaldsens online	i1594	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian

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4,474	Thorvaldsens online	i214	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,475	Thorvaldsens online	i524	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,476	Thorvaldsens online	i1605	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,477	Thorvaldsens online	i1591	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,478	Thorvaldsens online	i1681	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,479	Thorvaldsens online	i676	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,480	Thorvaldsens online	i1592	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,481	Thorvaldsens online	i1593	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Carnelian
4,482	Thorvaldsens online	i1633	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,483	Thorvaldsens online	i1614	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,484	Thorvaldsens online	i1645	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,485	Thorvaldsens online	i650	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,486	Thorvaldsens online	i626	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,487	Thorvaldsens online	i1288	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,488	Thorvaldsens online	i1634	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,489	Thorvaldsens online	i1539	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,490	Thorvaldsens online	i1508	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,491	Thorvaldsens online	i213	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,492	Thorvaldsens online	i327	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,493	Thorvaldsens online	i115	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,494	Thorvaldsens online	i1499	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,495	Thorvaldsens online	i1671	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,496	Thorvaldsens online	i488	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,497	Thorvaldsens online	i1604	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,498	Thorvaldsens online	i457	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,499	Thorvaldsens online	i1603	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,500	Thorvaldsens online	i1642	Thorvaldsens Museum, Copenhagen	engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,501	Thorvaldsens online	i1088	Thorvaldsens Museum, Copenhagen	engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,502	Thorvaldsens online	i1429	Thorvaldsens Museum, Copenhagen	engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,503	Thorvaldsens online	i1613	Thorvaldsens Museum, Copenhagen	engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,504	Thorvaldsens online	i735	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,505	Thorvaldsens online	i1588	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Carnelian
4,506	Thorvaldsens online	i1589	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,507	Thorvaldsens online	i794	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,508	Thorvaldsens online	i795	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Carnelian
4,509	Thorvaldsens online	i1552	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,510	Thorvaldsens online	i1628	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,511	Thorvaldsens online	i1620	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,512	Thorvaldsens online	i154	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,513	Thorvaldsens online	i604	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				carnelian
4,514	Thorvaldsens online	i1661	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,515	Thorvaldsens online	i148	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,516	Thorvaldsens online	i587	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,517	Thorvaldsens online	i111	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,518	Thorvaldsens online	i120	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,519	Thorvaldsens online	i1621	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,520	Thorvaldsens online	i1638	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,521	Thorvaldsens online	i173	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,522	Thorvaldsens online	i410	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,523	Thorvaldsens online	i1640	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian

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4,524	Thorvaldsens online	i1651	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,525	Thorvaldsens online	i1566	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,526	Thorvaldsens online	i1650	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,527	Thorvaldsens online	i503	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,528	Thorvaldsens online	i1629	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,529	Thorvaldsens online	i647	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,530	Thorvaldsens online	i645	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,531	Thorvaldsens online	i648	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,532	Thorvaldsens online	i402	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Carnelian
4,533	Thorvaldsens online	i1599	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,534	Thorvaldsens online	i1643	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,535	Thorvaldsens online	i1622	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,536	Thorvaldsens online	i204	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Carnelian
4,537	Thorvaldsens online	i1010	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,538	Thorvaldsens online	i1631	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,539	Thorvaldsens online	i1630	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,540	Thorvaldsens online	i1610	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,541	Thorvaldsens online	i556	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,542	Thorvaldsens online	i559	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,543	Thorvaldsens online	i569	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400			Iron	Carnelian
4,544	Thorvaldsens online	i1437	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,545	Thorvaldsens online	i1159	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,546	Thorvaldsens online	i1161	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,547	Thorvaldsens online	i1624	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,548	Thorvaldsens online	i1656	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,549	Thorvaldsens online	i1673	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Carnelian
4,550	Thorvaldsens online	i1601	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Carnelian
4,551	Thorvaldsens online	i82	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,552	Thorvaldsens online	i1597	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,553	Thorvaldsens online	i1648	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,554	Thorvaldsens online	i1602	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
4,555	Hendler 2016	392	Hendler Collection	Ring	late 2nd - early 4th century AD	175	325	Israel	Caesarea	Silver	Carnelian
4,556	Aquileia 1996	120 (inv. 121/947)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd - early 4th century AD	175	325				Carnelian
4,557	Hendler 2016	395	Hendler Collection	Ring	3rd - 5th century AD	201	500	Israel	Caesarea	Silver	Carnelian
4,558	Aquileia 1996	105 (inv. 1176/412)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd - 3rd century AD	175	300				Carnelian
4,559	Marshman 2016	3.16	English Heritage Store Atcham	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Wroxeter		Carnelian
4,560	Marshman 2016	14.39	Private Collection	Ring	late 2nd - 3rd century AD	175	300	Britain	Torksey	Silver	Carnelian
4,561	Marshman 2016	8.39	Great North Museum Hancock, Newcastle upon Tyne	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Newcastle		Carnelian
4,562	Marshman 2016	21.34	Harborough Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Drayton		Carnelian
4,563	AG Vienna	1800	Kunsthistorisches Museum Wien	Engraved Gem	AD 150 - 250	150	250	Italy	Rome		Carnelian
4,564	Xanten 1987/1994	160	LVR-Archäologischer Park Xanten	Engraved Gem	late 2nd - 3rd century AD	175	300	Germany	Andere Fundorte / Ohne Fundort		Carnelian
4,565	Marshman 2016	21.18	Manchester City Art Gallery	Ring	late 2nd - 3rd century AD	175	300	Britain	Manchester	Silver	Carnelian
4,566	Marshman 2016	21.33	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Ditchingham		Carnelian
4,567	Marshman 2016	21.46	Norwich Castle Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Brampton		Carnelian
4,568	Marshman 2016	8.34	Richborough Site Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Richborough		Carnelian

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4,569	Berlin 1975	Tafel 30. 6	Staatliche Museen zu Berlin	Necklace	mid 2nd century AD	125	175			Gold	Garnet
4,570	Getty Online	83.AM.227.1	J. Paul Getty Museum	Bracelet	AD 379 - 395	375	395			Gold	Emerald
4,571	Berlin 2007	521	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25			Gold	Carnelian
4,572	Marshman 2016	9.05	Vindolanda Site Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Chesterholm		Carnelian
4,573	Marshman 2016	13.08	Vindolanda Site Museum	Ring	late 2nd - 3rd century AD	175	300	Britain	Chesterholm	Silver	Carnelian
4,574	Marshman 2016	20.02	Vindolanda Site Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Chesterholm		Carnelian
4,575	Marshman 2016	8.36	Wiltshire Heritage Museum, Devizes	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Roundway Down		Carnelian
4,576	Marshman 2016	14.02	Yorkshire Museum, York	Ring	late 2nd - 3rd century AD	175	300	Britain	York	Gold	Carnelian
4,577	BM online	1881,0824.40	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Cyprus	Salamis		Carnelian
4,578	BM online	1867,0507.544	British Museum	Engraved Gem	AD 200 - 225	200	225				Carnelian
4,579	Naples 1994	216 (inv. 26054/216)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	3rd century AD	201	300				Carnelian
4,580	Naples 1994	214 (inv. 27184/1323)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	3rd century AD	201	300				Carnelian
4,581	Bologna 1987	149 (inv. Gl. 301)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Carnelian
4,582	Bologna 1987	161 (inv. Gl. 116)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Carnelian
4,583	Bologna 1987	178 (inv. Gl. 323)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Carnelian
4,584	Bologna 1987	180 (inv. Gl. 60)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Carnelian
4,585	Bologna 1987	203 (inv. Gl. 37)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Carnelian
4,586	Bologna 1987	207 (inv. Gl. 82)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Carnelian
4,587	Bologna 1987	230 (inv. Ori 153)	Museo Civico Archeologico di Bologna	Ring	3rd century AD	201	300			Bronze	Carnelian
4,588	Aquileia 1966	33 (inv. 25274)	The National Archaeological Museum of Aquileia	Engraved Gem	3rd century AD	201	300	Italy	Aquileia		Carnelian
4,589	BM online	1881,0824.12	British Museum	Engraved Gem	1st century AD	1	100	Cyprus	Salamis		Carnelian
4,590	BM online	1896,1018.3	British Museum	Engraved Gem	1st century AD	1	100	Cyprus	Salamis		Carnelian
4,591	BM online	1880.3548	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Afghanistan	Kabul		Carnelian
4,592	BM online	AF.455	British Museum	Engraved Gem	2nd century AD	101	200	Britain	Great Chesterford		Carnelian
4,593	BM online	1872,0604.158	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
4,594	BM online	1905,1026.2	British Museum	Earring	150 - 50 BC	-150	-50			Gold	Garnet
4,595	BM online	1879,0115.5	British Museum	Earring	150 - 50 BC	-150	-50			Gold	Garnet
4,596	MFA online	01.7535	Museum of Fine Arts, Boston	Ring	1st century BC - 4th century AD	-100	400			Gold	Onyx
4,597	MFA online	02.273	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 4th century AD	-100	400				Onyx
4,598	MFA online	2.277	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Onyx
4,599	MFA online	99.366	Museum of Fine Arts, Boston	Ring	1st century AD	1	100			Gold	Onyx
4,600	BM online	1905,1026.1	British Museum	Necklace	150 - 50 BC	-150	-50	Syria	Damascus	Gold	Garnet
4,601	BM online	1872,0604.549	British Museum	Earring	2nd - 1st century BC	-200	-1	Italy		Gold	Garnet
4,602	BM online	1917,0501.754	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
4,603	BM online	1917,0501.760	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
4,604	AGD Göttingen	523	Archaologischen Institut der Universitat Göttingen	Engraved Gem	3rd century AD	201	300				Carnelian
4,605	Berlin 2007	524	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-25	-1				Carnelian
4,606	Berlin 2007	530	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,607	Berlin 2007	533	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,608	AGD Göttingen	537	Archaologischen Institut der Universitat Göttingen	Engraved Gem	3rd century AD	201	300				Carnelian
4,609	Berlin 2007	538	Staatliche Museen zu Berlin	Engraved Gem	1 - 50 BC	-50	-1				Carnelian
4,610	Ashmolean Online	AN1890.275	Ashmolean Museum	Engraved Gem	3rd century AD	201	300				Carnelian

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4,611	Marshman 2016	130.01	Barbican House Museum	Engraved Gem	3rd century AD	201	300	Britain	Hassocks		Carnelian
4,612	Marshman 2016	83.05	British Museum	Ring	3rd century AD	201	300	Britain	Stonea Grange	Silver	Carnelian
4,613	Marshman 2016	132.02	British Museum	Ring	3rd century AD	201	300	Britain	Stapleford, Gogmagog Hills	Gold	Carnelian
4,614	BM online	1866,0504.62	British Museum	Ring	2nd century BC - 2nd century AD	-200	200		Corfu	Gold	Garnet
4,615	BM online	1872,0604.552	British Museum	Earring	2nd - 1st century BC	-200	-1			Gold	Garnet
4,616	BM online	1917,0501.746	British Museum	Ring	2nd century BC - 2nd century AD	-200	200	Syria	Latakia	Gold	Garnet
4,617	BM online	1980,0201.101	British Museum	Earring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
4,618	Marshman 2016	41.01	British Museum	Engraved Gem	3rd century AD	201	300	Britain	Colchester		Carnelian
4,619	Marshman 2016	31.15	Canterbury Heritage Museum	Ring	3rd century AD	201	300	Britain	Denton With Wooton	Gold	Carnelian
4,620	Marshman 2016	118.09	Canterbury Heritage Museum	Ring	3rd century AD	201	300	Britain	Canterbury, Marlow	Silver & Gold Collet	Carnelian
4,621	Marshman 2016	32.04	Chester Site Museum	Engraved Gem	3rd century AD	201	300	Britain	Chester		Carnelian
4,622	Marshman 2016	83.00	Colchester Castle Museum	Ring	3rd century AD	201	300	Britain	Colchester, 'Alienated Land', Colchester Garrison	Silver	Carnelian
4,623	Marshman 2016	70.05	Corinium Museum, Cirencester	Ring	3rd century AD	201	300	Britain	Coneygar Farm, Quennington	Silver	Carnelian
4,624	Guiraud 1988/2008	11	Dépôt de fouilles, Ehl	Engraved Gem	3rd century AD	201	300	France	Grand		Carnelian
4,625	Guiraud 1988/2008	146	Dépôt, Groupe de Secherches Archéologiques	Engraved Gem	3rd century AD	201	300	France	Cours-Les-Cosne		Carnelian
4,626	Marshman 2016	130.00	English Heritage Store Atcham	Engraved Gem	3rd century AD	201	300	Britain	Wroxeter		Carnelian
4,627	Marshman 2016	83.01	English Heritage Store, Atcham	Engraved Gem	3rd century AD	201	300	Britain	Wroxeter, Bath Basilica		Carnelian
4,628	Getty Online	82.AN.162.56	J. Paul Getty Museum	Engraved Gem	1st century BC	-100	-1	Italy			Carnelian
4,629	Marshman 2016	122.16	Grosvenor Museum, Chester	Ring	3rd century AD	201	300	Britain	Farndon, Monument Farm, Lane End Field	Silver	Carnelian
4,630	Marshman 2016	39.05	Hanpshire Museum Service	Engraved Gem	3rd century AD	201	300	Britain	Kimpton, Manor Farm		Carnelian
4,631	Berlin 2007	660	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
4,632	Marshman 2016	31.52	Hunterian Museum, Glasgow	Engraved Gem	3rd century AD	201	300	Britain	Dryburgh, Riverside Field		Carnelian
4,633	Carnuntum 2005	528	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,634	Carnuntum 2005	535	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,635	Carnuntum 2005	552	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,636	Carnuntum 2005	589	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,637	Carnuntum 2005	592	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,638	Carnuntum 2005	602	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,639	Carnuntum 2005	617	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,640	Carnuntum 2005	637	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,641	Carnuntum 2005	641	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,642	Carnuntum 2005	691	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian

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4,643	Carnuntum 2005	698	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,644	Carnuntum 2005	724	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,645	Carnuntum 2005	728	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,646	Carnuntum 2005	781	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,647	Marshman 2016	32.05	Leeds City Museum	Ring	3rd century AD	201	300	Britain	Micklefield	Silver	Carnelian
4,648	Marshman 2016	138.01	Lydney Park Site Museum	Ring	3rd century AD	201	300	Britain	Lydney Park	Gilt Bronze	Carnelian
4,649	Met Online	81.6.56	Metropolitan Museum of Art, New York	Engraved Gem	1st - 3rd century AD	1	300				Chalcedony
4,650	Met Online	81.6.168	Metropolitan Museum of Art, New York	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
4,651	Met Online	81.6.127	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
4,652	Met Online	50.43	Metropolitan Museum of Art, New York	Engraved Gem	AD 101 - 150	101	150				Carnelian
4,653	Met Online	81.6.47	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
4,654	Guiraud 1988/2008	140	Musée d'Art et d'Histoire, Genève	Ring	3rd century AD	201	300	France	Saint-Genis	Gold	Carnelian
4,655	Guiraud 1988/2008	60II	Musée Dobrée, Nantes	Ring	3rd century AD	201	300			Bronze	Carnelian
4,656	Guiraud 1988/2008	195	Musée Rieckotter	Ring	3rd century AD	201	300	France	Néris-Les-Bains	Gold	Carnelian
4,657	AGD Hannover	839	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
4,658	AGD Hannover	844	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,659	AGD Hannover	846	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,660	AGD Hannover	848	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,661	AGD Hannover	850	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,662	AGD Hannover	851	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,663	AGD Hannover	852	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,664	AGD Hannover	853	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,665	AGD Hannover	856	Museum August Kestner-Hannover	Engraved Gem	AD 1- 50	1	50				Carnelian
4,666	AGD Hannover	861	Museum August Kestner-Hannover	Engraved Gem	AD 1- 50	1	50				Jasper
4,667	AGD Hannover	863	Museum August Kestner-Hannover	Engraved Gem	AD 1- 50	1	50				Chalcedony
4,668	AGD Hannover	864	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
4,669	AGD Hannover	865	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,670	AGD Hannover	866	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 50	-50	50				Carnelian
4,671	AGD Hannover	869	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
4,672	AGD Hannover	871	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,673	AGD Hannover	872	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,674	AGD Hannover	873	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 100	-50	100				Chrysoprase
4,675	AGD Hannover	874	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,676	AGD Hannover	875	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,677	AGD Hannover	877	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
4,678	AGD Hannover	880	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
4,679	AGD Hannover	883	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
4,680	AGD Hannover	886	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,681	AGD Hannover	887	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,682	AGD Hannover	888	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,683	AGD Hannover	890	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
4,684	AGD Hannover	891	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 50	-50	50				Carnelian
4,685	AGD Hannover	892	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Amethyst
4,686	AGD Hannover	895	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 50	-50	50				Carnelian
4,687	Carnuntum 2005	806	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,688	Carnuntum 2005	847	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,689	Carnuntum 2005	860	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,690	Carnuntum 2005	861	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,691	Carnuntum 2005	862	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian

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4,692	Carnuntum 2005	880	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,693	Carnuntum 2005	888	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,694	Carnuntum 2005	889	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,695	Carnuntum 2005	900	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,696	Carnuntum 2005	901	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,697	Carnuntum 2005	920	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,698	Carnuntum 2005	930	Museum Carnuntinum	Ring	3rd century AD	201	300	Austria	Carnuntum	Bronze	Carnelian
4,699	Carnuntum 2005	931	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,700	Carnuntum 2005	935	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,701	Carnuntum 2005	950	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,702	Carnuntum 2005	1018	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,703	Carnuntum 2005	1019	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,704	Carnuntum 2005	297N	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,705	Carnuntum 2005	973N	Museum Carnuntinum	Ring	3rd century AD	201	300	Austria	Carnuntum	Gold	Carnelian
4,706	Carnuntum 2005	435	Museum Carnuntinum	Ring	3rd - 4th century AD	201	400	Austria	Carnuntum	Iron	Carnelian
4,707	Carnuntum 2005	1119	Museum Carnuntinum	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
4,708	Carnuntum 2005	1130	Museum Carnuntinum	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
4,709	Carnuntum 2005	593	Museum Carnuntinum	Engraved Gem	3rd - 4th century AD	301	400	Austria	Carnuntum		Carnelian
4,710	Carnuntum 2005	597	Museum Carnuntinum	Engraved Gem	3rd - 4th century AD	301	400	Austria	Carnuntum		Carnelian
4,711	Carnuntum 2005	658	Museum Carnuntinum	Engraved Gem	4th century AD	301	400	Austria	Carnuntum		Carnelian
4,712	Carnuntum 2005	96	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
4,713	Carnuntum 2005	299	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
4,714	Carnuntum 2005	855	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,715	Carnuntum 2005	239	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,716	Carnuntum 2005	290	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,717	Carnuntum 2005	349	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,718	Carnuntum 2005	446	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,719	Carnuntum 2005	524	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,720	Carnuntum 2005	894	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,721	Carnuntum 2005	1037	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,722	Carnuntum 2005	659	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	AD 150 - 160	150	160	Austria	Carnuntum		Carnelian
4,723	Carnuntum 2005	284	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,724	Carnuntum 2005	285	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,725	Carnuntum 2005	336	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,726	Carnuntum 2005	347	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,727	Carnuntum 2005	387	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,728	Carnuntum 2005	404	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian

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4,729	Carnuntum 2005	442	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,730	Carnuntum 2005	479	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,731	Carnuntum 2005	587	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,732	Carnuntum 2005	619	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,733	Carnuntum 2005	692	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,734	Berlin 2007	557	Staatliche Museen zu Berlin	Engraved Gem	early 1st century AD	1	25				Carnelian
4,735	AGD Hamburg	71	Museum für Kunst und Gewerbe Hamburg	Engraved Gem	3rd century AD	201	300				Carnelian
4,736	AGD Hamburg	52	Museum für Kunst und Gewerbe Hamburg	Engraved Gem	3rd century AD	201	300				Carnelian
4,737	Berlin 2007	570	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,738	Berlin 2007	571	Staatliche Museen zu Berlin	Engraved Gem	17 - 30 BC	-30	-17				Carnelian
4,739	Berlin 2007	573	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	101				Carnelian
4,740	Marshman 2016	83.07	Museum of London	Ring	3rd century AD	201	300	Britain	London, Coleman Street	Bronze	Carnelian
4,741	Marshman 2016	71.16	Private Collection	Ring	3rd century AD	201	300	Britain	Piercebridge	Silver	Carnelian
4,742	Marshman 2016	83.02	Private Collection	Ring	3rd century AD	201	300	Britain	Caerwent	Silver	Carnelian
4,743	Marshman 2016	83.10	Private Collection	Ring	3rd century AD	201	300	Britain	Halstock	Bronze	Carnelian
4,744	Marshman 2016	81.12	Private Collection	Ring	3rd century AD	201	300	Britain	Nettleton	Silver	Carnelian
4,745	Marshman 2016	105.01	Private Collection	Ring	3rd century AD	201	300	Britain	Copley Hill	Silver	Carnelian
4,746	Marshman 2016	130.03	Private Collection	Ring	3rd century AD	201	300	Britain	St. Albans, Cememtery Near Nw Gate	Silver	Carnelian
4,747	Marshman 2016	49.11	Private Collection	Engraved Gem	3rd century AD	201	300	Britain	Atworth		Carnelian
4,748	Guiraud 1988/2008	67	Private Collection	Ring	3rd century AD	201	300	France	Sault-Du-Rhône	Gold	Carnelian
4,749	RMO online	GS-01003	National Museum of Antiquities, Leiden	Engraved Gem	3rd century AD	201	300				Carnelian
4,750	Marshman 2016	130.02	North Lincolnshire Museum, Scunthorpe	Ring	3rd century AD	201	300	Britain	Kirmington Aerodrome	Silver	Carnelian
4,751	Marshman 2016	83.04	Norwich Castle Museum	Ring	3rd century AD	201	300	Britain	Caistor St. Edmund	Silver	Carnelian
4,752	Carnuntum 2005	797	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,753	Carnuntum 2005	895	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,754	Carnuntum 2005	973	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,755	Carnuntum 2005	982	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,756	Carnuntum 2005	313	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
4,757	Carnuntum 2005	412	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
4,758	Carnuntum 2005	756	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
4,759	Carnuntum 2005	1134	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian

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4,760	Carnuntum 2005	233	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
4,761	Carnuntum 2005	543	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
4,762	Carnuntum 2005	30	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
4,763	Carnuntum 2005	123	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,764	Carnuntum 2005	357	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,765	Carnuntum 2005	603	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,766	Carnuntum 2005	683	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,767	Carnuntum 2005	686	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,768	Carnuntum 2005	1049	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,769	Carnuntum 2005	28	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,770	Carnuntum 2005	155	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,771	Carnuntum 2005	188	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,772	Carnuntum 2005	329	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,773	Carnuntum 2005	372	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,774	Carnuntum 2005	457	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,775	Marshman 2016	89.28	Private Collection of H. Sands	Engraved Gem	3rd century AD	201	300	Britain	Kirmington		Carnelian
4,776	Marshman 2016	83.03	Private Collection of J. S. Washer	Engraved Gem	3rd century AD	201	300	Britain	Wanborough		Carnelian
4,777	AG Munich	2458	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,778	AG Munich	2463	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,779	AG Munich	2472	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,780	AG Munich	2478	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,781	AG Munich	2484	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,782	AG Munich	2486	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,783	AG Munich	2493	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,784	AG Munich	2497	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,785	AG Munich	2514	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,786	AG Munich	2516	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,787	AG Munich	2517	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,788	Getty Online	81.AN.106.3	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (green)
4,789	AG Munich	2519	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,790	AG Munich	2524	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,791	AG Munich	2525	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,792	AG Munich	2526	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,793	AG Munich	2535	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,794	AG Munich	2542	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,795	AG Munich	2545	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,796	AG Munich	2546	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,797	AG Munich	2551	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian

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4,798	AG Munich	2552	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,799	AG Munich	2553	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,800	AG Munich	2554	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,801	Getty Online	84.AN.1.43	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (red)
4,802	AG Munich	2562	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,803	AG Munich	2567	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,804	AG Munich	2573	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,805	AG Munich	2574	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,806	AG Munich	2581	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,807	AG Munich	2582	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,808	AG Munich	2583	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,809	AG Munich	2584	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,810	AG Munich	2585	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,811	AG Munich	2592	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,812	AG Munich	2594	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,813	AG Munich	2596	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,814	AG Munich	2599	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,815	AG Munich	2608	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,816	AG Munich	2609	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,817	AG Munich	2610	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,818	AG Munich	2615	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,819	AG Munich	2619	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,820	AG Munich	2620	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,821	AG Munich	2623	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,822	AG Munich	2625	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,823	AG Munich	2631	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,824	AG Munich	2417	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,825	AG Munich	2633	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,826	AG Munich	2635	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,827	AG Munich	2636	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,828	AG Munich	2639	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,829	AG Munich	2643	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,830	AG Munich	2645	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,831	AG Munich	2647	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,832	AG Munich	2672	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,833	AG Munich	2674	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,834	AG Munich	2675	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,835	AG Munich	2686	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,836	AG Munich	2688	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,837	AG Munich	2694	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,838	AG Munich	2699	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,839	AG Munich	2701	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,840	AG Munich	2702	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,841	AG Munich	2703	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,842	AG Munich	2704	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,843	AG Munich	2721	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,844	AG Munich	2722	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,845	AG Munich	2732	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,846	AG Munich	2737	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,847	AG Munich	2740	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian

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4,848	AG Munich	2775	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,849	AG Munich	2786	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,850	AG Munich	2787	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,851	AG Munich	2788	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,852	AG Munich	2865	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,853	AG Munich	2824	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Carnelian
4,854	Berlin 2007	576	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Carnelian
4,855	Berlin 2007	579	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-25	-1				Carnelian
4,856	Berlin 2007	582	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
4,857	Berlin 2007	591	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-75	-25				Carnelian
4,858	Berlin 2007	595	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,859	Berlin 2007	602	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
4,860	Berlin 2007	611	Staatliche Museen zu Berlin	Engraved Gem	25 - 50 BC	-50	-25				Carnelian
4,861	Berlin 2007	618	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Carnelian
4,862	Thorvaldsens online	i1618	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd century AD	201	300				Carnelian
4,863	Thorvaldsens online	i1066	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd century AD	201	300				Carnelian
4,864	Marshman 2016	96.02	Tullie House Museum, Carlisle	Ring	3rd century AD	201	300	Britain	Brougham	Silver	Carnelian
4,865	Marshman 2016	117.04	Tullie House Museum, Carlisle	Ring	3rd century AD	201	300	Britain	Brougham	Gold	Carnelian
4,866	Met Online	1999.362	Metropolitan Museum of Art, New York	Ring	AD 1 - 50	1	50				Chalcedony
4,867	Marshman 2016	83.06	Vindolanda Site Museum	Engraved Gem	3rd century AD	201	300	Britain	Chesterholm (Vindolanda)		Carnelian
4,868	Marshman 2016	124.07	Vindolanda Site Museum	Engraved Gem	3rd century AD	201	300	Britain	Chesterholm (Vindolanda)		Carnelian
4,869	Marshman 2016	132.03	Vindolanda Site Museum	Ring	3rd century AD	201	300	Britain	Chesterholm (Vindolanda)	Gold	Carnelian
4,870	Marshman 2016	117.01	Wroxeter Site Museum	Ring	3rd century AD	201	300	Britain	Wroxeter	Bronze	Carnelian
4,871	Marshman 2016	31.47	York Archaeological Trust	Engraved Gem	3rd century AD	201	300	Britain	York, 16-22 Coppergate		Carnelian
4,872	Marshman 2016	83.09	York St John University	Engraved Gem	3rd century AD	201	300	Britain	York, Mount Cementery		Carnelian
4,873	Marshman 2016	116.01	York St John University	Ring	3rd century AD	201	300	Britain	York, Railway Station Cementery	Gold	Carnelian
4,874	Marshman 2016	88.03	Yorkshire Museum, York	Ring	3rd century AD	201	300	Britain	East Lutton	Silver	Carnelian
4,875	Marshman 2016	98.01	Yorkshire Museum, York	Ring	3rd century AD	201	300	Britain	York, Clifton, White House	Gold	Carnelian
4,876	Getty Online	80.AN.132.2	J. Paul Getty Museum	Engraved Gem	3rd century AD	201	300				Carnelian
4,877	Marshman 2016	122.22	Arbeia Roman Fort & Museum	Engraved Gem	3rd century AD	201	300	Britain	Soth Shields		Carnelian
4,878	Marshman 2016	139.04	University of Reading	Engraved Gem	3rd century AD	201	300	Britain	Silchester, Insula Ix		Carnelian
4,879	Marshman 2016	26.02	Bignor Roman Villa and Museum	Ring	3rd century AD	201	300	Britain	Bignor	Gold	Carnelian
4,880	Marshman 2016	32.69	Private Collection	Engraved Gem	3rd century AD	201	300	Britain	Frocester		Carnelian
4,881	AG Munich	2799	Staatliche Antikensammlungen, Munich	Engraved Gem	AD 200	200	200				Carnelian
4,882	Carnuntum 2005	784	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,883	AGD Hannover	942	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 50	-50	50				Carnelian
4,884	Marshman 2016	9.03	Corinium Museum, Cirencester	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Cirencester		Carnelian
4,885	Met Online	41.160.487	Metropolitan Museum of Art, New York	Engraved Gem	1st - 2nd century AD	1	200				Onyx
4,886	Marshman 2016	66.05	Private Collection	Ring	AD 209 - 211	209	211	Britain	Castlesteads	Metal	Carnelian
4,887	Berlin 2007	628	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Carnelian
4,888	CHRE	9170	Private Collection	Ring	AD 218 - 244	218	244	Romania	A□ el	Silver	Carnelian
4,889	CHRE	9170	Private Collection	Ring	AD 218 - 244	218	244	Romania	A□ el	Silver	Carnelian

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4,890	Aquileia 1966	241 (inv. 24643)	The National Archaeological Museum of Aquileia	Engraved Gem	AD 220 - 230	220	230	Italy	Aquileia		Carnelian
4,891	Berlin 2007	631	Staatliche Museen zu Berlin	Engraved Gem	late 2nd - 1st century BC	-125	-1				Carnelian
4,892	CHRE	8746	Private Collection	Ring	AD 225 - 227	225	227	France	Annecy	Silver	Carnelian
4,893	CHRE	3106	Private Collection	Ring	AD 237	237	237	Germany	Pfünz	Silver	Carnelian
4,894	CHRE	3106	Private Collection	Engraved Gem	AD 237	237	237	Germany	Pfünz		Carnelian
4,895	AGD Hannover	1248	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Garnet
4,896	Guiraud 1988/2008	558	Palais des Archevêques de Narbonne	Engraved Gem	mid - late 3rd century AD	250	300	France	Montlaurés		Carnelian
4,897	CHRE	3908	Private Collection	Ring	AD 253 - 260	253	260	France	St. Genis-Pouilly	Gold	Carnelian
4,898	CHRE	3886	Private Collection	Ring	AD 260 - 269	260	269	France	Sault-Brénaz	Silver	Carnelian
4,899	CHRE	4936	Private Collection	Engraved Gem	AD 260 - 293	260	293	Algeria	Timgad 1910		Carnelian
4,900	CHRE	4936	Private Collection	Engraved Gem	AD 260 - 293	260	293	Algeria	Timgad 1910		Carnelian
4,901	Berlin 2007	632	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-75	-25				Carnelian
4,902	Guiraud 1988/2008	83	Private Collection	Engraved Gem	AD 270 - 476	274	476	France	Vermand		Carnelian
4,903	Wright 2001	25	Wright Collection	Engraved Gem	late 3rd - 4th century AD	275	300				Carnelian
4,904	Marshman 2016	89.14	British Museum	Ring	late 3rd - 4th century AD	275	400	Britain	Ashwell End	Gold	Carnelian
4,905	Marshman 2016	108.00	Private Collection	Engraved Gem	late 3rd century AD	275	300	Britain	Ribchester		Carnelian
4,906	Guiraud 1988/2008	315	Private Collection	Engraved Gem	late 3rd century AD	275	300	France	Neuville-Sur-Ain		Carnelian
4,907	CHRE	4097	Private Collection	Ring	AD 287	287	287	France	Neuville-Sur-Ain	Gold	Carnelian
4,908	Carnuntum 2005	1036	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,909	Marshman 2016	17.96	Private Collection	Engraved Gem	late 3rd - 4th century AD	275	400	Britain	Hoxne		Carnelian
4,910	Guiraud 1988/2008	931	Dépôt de fouilles, Escolives	Engraved Gem	4th century AD	301	400	France	Escolives		Carnelian
4,911	Guiraud 1988/2008	779	Musée de l'Unterlinden	Ring	4th century AD	301	400	France	Horbourg	Gold	Carnelian
4,912	Guiraud 1988/2008	929	Private Collection	Engraved Gem	4th century AD	301	400	France	Vermand		Carnelian
4,913	Thorvaldsens online	i1014	Thorvaldsens Museum, Copenhagen	Engraved Gem	4th century AD	301	400				Carnelian
4,914	CHRE	21	Private Collection	Ring	AD 367 - 378	367	378	Britain	East Harptree	Silver	Carnelian
4,915	CHRE	4744	Private Collection	Engraved Gem	AD 383 - 388	383	388	Britain	Thetford 1962		Carnelian
4,916	Met Online	11.195.7	Metropolitan Museum of Art, New York	Engraved Gem	AD 37 - 43	37	43				Onyx
4,917	BM online	1890,0601.91	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Carnelian
4,918	Carnuntum 2005	1095	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
4,919	Carnuntum 2005	81	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,920	Carnuntum 2005	82	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,921	Carnuntum 2005	317	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,922	Carnuntum 2005	327	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,923	Carnuntum 2005	348	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,924	Carnuntum 2005	517	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,925	Carnuntum 2005	796	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,926	Carnuntum 2005	829	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,927	Carnuntum 2005	881	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
4,928	Carnuntum 2005	896	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,929	Carnuntum 2005	972	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
4,930	Carnuntum 2005	260	NA	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,931	Carnuntum 2005	582	Private Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Austria	Carnuntum		Carnelian
4,932	Carnuntum 2005	1255	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,933	Carnuntum 2005	1256	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,934	Carnuntum 2005	1257	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,935	Carnuntum 2005	1258	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,936	Carnuntum 2005	1259	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,937	Carnuntum 2005	1260	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,938	Carnuntum 2005	1261	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,939	Carnuntum 2005	1262	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,940	Carnuntum 2005	1263	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,941	Carnuntum 2005	1264	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,942	Carnuntum 2005	1265	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,943	Carnuntum 2005	1266	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,944	Carnuntum 2005	1267	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,945	Carnuntum 2005	1268	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,946	Carnuntum 2005	1269	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,947	Carnuntum 2005	1270	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,948	Carnuntum 2005	1271	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,949	Carnuntum 2005	1274	Private Collection	Ring	1st - 4th century AD	1	399	Austria	Carnuntum	Bronze	Carnelian
4,950	Carnuntum 2005	1275	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,951	Carnuntum 2005	1276	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,952	Carnuntum 2005	1277	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,953	Carnuntum 2005	1278	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,954	Carnuntum 2005	1279	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
4,955	Carnuntum 2005	42	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
4,956	Carnuntum 2005	102	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
4,957	Carnuntum 2005	125	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
4,958	Carnuntum 2005	270	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
4,959	Carnuntum 2005	382	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Carnelian
4,960	Fitzwilliam 1994	138	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
4,961	Fitzwilliam 1994	139	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
4,962	Fitzwilliam 1994	140	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Jasper
4,963	Fitzwilliam 1994	141	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Agate
4,964	Fitzwilliam 1994	145	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
4,965	Fitzwilliam 1994	153	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
4,966	Fitzwilliam 1994	154	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
4,967	Carnuntum 2005	24	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,968	Carnuntum 2005	43	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,969	Carnuntum 2005	52	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,970	Carnuntum 2005	74	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,971	Carnuntum 2005	75	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,972	Carnuntum 2005	85	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,973	Carnuntum 2005	97	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,974	Carnuntum 2005	111	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,975	Carnuntum 2005	159	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,976	Carnuntum 2005	174	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian

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4,977	Carnuntum 2005	211	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,978	Carnuntum 2005	234	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,979	Carnuntum 2005	261	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,980	Carnuntum 2005	267	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Bronze	Carnelian
4,981	Carnuntum 2005	268	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,982	Carnuntum 2005	269	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,983	Carnuntum 2005	310	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,984	Carnuntum 2005	386	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Silver	Carnelian
4,985	Carnuntum 2005	391	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,986	Carnuntum 2005	450	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,987	Carnuntum 2005	502	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,988	Carnuntum 2005	540	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,989	Carnuntum 2005	564	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Silver	Carnelian
4,990	Carnuntum 2005	640	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,991	Carnuntum 2005	668	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,992	Carnuntum 2005	669	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,993	Carnuntum 2005	685	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,994	Carnuntum 2005	727	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,995	Carnuntum 2005	811	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,996	Carnuntum 2005	877	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,997	Carnuntum 2005	968	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,998	Carnuntum 2005	1078	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
4,999	Carnuntum 2005	1086	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
5,000	Carnuntum 2005	1126	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
5,001	Carnuntum 2005	1007a	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Bronze	Carnelian
5,002	Carnuntum 2005	207N	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Silver	Carnelian
5,003	Carnuntum 2005	263a	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
5,004	Carnuntum 2005	30a	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
5,005	Carnuntum 2005	361a	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Carnelian
5,006	Carnuntum 2005	49a	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
5,007	Carnuntum 2005	16	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,008	Carnuntum 2005	37	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,009	Carnuntum 2005	49	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,010	Carnuntum 2005	50	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,011	Carnuntum 2005	54	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,012	Carnuntum 2005	64	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,013	Carnuntum 2005	65	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,014	Carnuntum 2005	72	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,015	Carnuntum 2005	73	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,016	Carnuntum 2005	78	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,017	Carnuntum 2005	90	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,018	Carnuntum 2005	98	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,019	Carnuntum 2005	114	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,020	Carnuntum 2005	115	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,021	Carnuntum 2005	124	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,022	Carnuntum 2005	139	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,023	Carnuntum 2005	153	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,024	Carnuntum 2005	158	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,025	Carnuntum 2005	167	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,026	Carnuntum 2005	232	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian

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5,027	Carnuntum 2005	235	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,028	Carnuntum 2005	300	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,029	Carnuntum 2005	331	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,030	Carnuntum 2005	341	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,031	Carnuntum 2005	342	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,032	Carnuntum 2005	390	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,033	Carnuntum 2005	425	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,034	Carnuntum 2005	451	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Carnelian
5,035	Carnuntum 2005	461	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,036	Carnuntum 2005	470	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,037	Carnuntum 2005	483	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,038	Carnuntum 2005	495	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,039	Carnuntum 2005	538	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,040	Carnuntum 2005	565	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,041	Carnuntum 2005	571	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,042	Carnuntum 2005	580	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,043	Carnuntum 2005	634	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,044	Carnuntum 2005	646	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,045	Carnuntum 2005	651	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,046	Carnuntum 2005	674	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,047	Carnuntum 2005	716	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,048	Carnuntum 2005	720	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,049	Carnuntum 2005	721	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,050	Carnuntum 2005	744	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,051	Carnuntum 2005	773	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Carnelian
5,052	Carnuntum 2005	778	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,053	Carnuntum 2005	800	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,054	Carnuntum 2005	804	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,055	Carnuntum 2005	879	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,056	Carnuntum 2005	898	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,057	Carnuntum 2005	910	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Carnelian
5,058	Carnuntum 2005	919	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,059	Carnuntum 2005	924	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,060	Carnuntum 2005	954	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,061	Carnuntum 2005	987	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,062	Carnuntum 2005	998	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,063	Carnuntum 2005	1002	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,064	Carnuntum 2005	1006	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,065	Carnuntum 2005	1012	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,066	Carnuntum 2005	1024	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Carnelian
5,067	Carnuntum 2005	1025	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Carnelian
5,068	Carnuntum 2005	1042	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,069	Carnuntum 2005	1045	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,070	Carnuntum 2005	1050	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,071	Carnuntum 2005	1056	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,072	Carnuntum 2005	1057	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,073	Carnuntum 2005	1069	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,074	Carnuntum 2005	1070	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,075	Carnuntum 2005	1124	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,076	Carnuntum 2005	220a	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
5,077	Carnuntum 2005	250N	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,078	Carnuntum 2005	341a	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,079	Carnuntum 2005	473a	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Carnelian
5,080	Carnuntum 2005	783a	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,081	Carnuntum 2005	970a	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Carnelian
5,082	Carnuntum 2005	1120	Private Collection	Engraved Gem	2nd - 4th century AD	101	400	Austria	Carnuntum		Carnelian
5,083	Carnuntum 2005	667	Private Collection	Engraved Gem	early - mid 3rd century AD	201	250	Austria	Carnuntum		Carnelian
5,084	Carnuntum 2005	35	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,085	Carnuntum 2005	150	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,086	Carnuntum 2005	156	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,087	Carnuntum 2005	183	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,088	Carnuntum 2005	191	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,089	Carnuntum 2005	199	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,090	Carnuntum 2005	221	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,091	Carnuntum 2005	228	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,092	Carnuntum 2005	244	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,093	Carnuntum 2005	250	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,094	Carnuntum 2005	279	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,095	Carnuntum 2005	306	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,096	Carnuntum 2005	307	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,097	Carnuntum 2005	308	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,098	Carnuntum 2005	315	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,099	Carnuntum 2005	316	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Carnelian
5,100	Carnuntum 2005	338	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,101	Carnuntum 2005	362	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,102	Carnuntum 2005	365	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,103	Carnuntum 2005	373	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,104	Carnuntum 2005	385	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,105	Carnuntum 2005	401	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,106	Carnuntum 2005	405	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,107	Carnuntum 2005	417	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,108	Carnuntum 2005	429	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,109	Carnuntum 2005	438	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,110	Carnuntum 2005	443	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,111	Carnuntum 2005	464	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,112	Carnuntum 2005	474	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,113	Carnuntum 2005	485	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,114	Carnuntum 2005	488	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,115	Carnuntum 2005	489	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,116	Carnuntum 2005	507	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,117	Carnuntum 2005	513	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,118	Carnuntum 2005	575	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Silver	Carnelian
5,119	Carnuntum 2005	577	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,120	Carnuntum 2005	643	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,121	Carnuntum 2005	676	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,122	Carnuntum 2005	679	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,123	Carnuntum 2005	701	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,124	Carnuntum 2005	707	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,125	Carnuntum 2005	725	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,126	Carnuntum 2005	741	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian

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5,127	Carnuntum 2005	777	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,128	Carnuntum 2005	787	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,129	Carnuntum 2005	807	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,130	Carnuntum 2005	812	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,131	Carnuntum 2005	868	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,132	Carnuntum 2005	882	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,133	Carnuntum 2005	883	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,134	Carnuntum 2005	892	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,135	Carnuntum 2005	912	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Silver	Carnelian
5,136	Carnuntum 2005	951	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,137	Carnuntum 2005	953	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,138	Carnuntum 2005	967	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Bronze	Carnelian
5,139	Carnuntum 2005	980	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,140	Carnuntum 2005	986	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,141	Carnuntum 2005	990	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,142	Carnuntum 2005	992	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,143	Carnuntum 2005	1010	Private Collection	Earring	3rd century AD	201	300	Austria	Carnuntum	Gold	Carnelian
5,144	Carnuntum 2005	1013	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,145	Carnuntum 2005	1052	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Carnelian
5,146	Carnuntum 2005	1058	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,147	Carnuntum 2005	1089	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,148	Carnuntum 2005	1102	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,149	Carnuntum 2005	546a	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,150	Carnuntum 2005	1051	Private Collection	Ring	3rd - 4th century AD	201	400	Austria	Carnuntum	Gold	Carnelian
5,151	Carnuntum 2005	1131	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
5,152	Carnuntum 2005	1133	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Carnelian
5,153	Carnuntum 2005	1136	Private Collection	Ring	3rd - 4th century AD	201	400	Austria	Carnuntum	Iron	Carnelian
5,154	Carnuntum 2005	662	Private Collection	Engraved Gem	AD 201 - 210	210	210	Austria	Carnuntum		Carnelian
5,155	Carnuntum 2005	665	Private Collection	Engraved Gem	AD 210	210	210	Austria	Carnuntum		Carnelian
5,156	Carnuntum 2005	175	Stieglitz Museum, Saint Petersburg	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Carnelian
5,157	Carnuntum 2005	1272	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
5,158	Carnuntum 2005	1273	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
5,159	Carnuntum 2005	1280	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Carnelian
5,160	Carnuntum 2005	46	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Carnelian
5,161	Carnuntum 2005	569	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,162	Carnuntum 2005	218	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,163	Carnuntum 2005	398	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,164	Carnuntum 2005	419	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,165	Carnuntum 2005	790	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,166	Carnuntum 2005	824	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,167	Carnuntum 2005	903	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian

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5,168	Carnuntum 2005	961	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,169	Carnuntum 2005	213	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,170	Carnuntum 2005	616	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Carnelian
5,171	Carnuntum 2005	265	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,172	Carnuntum 2005	286	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,173	Carnuntum 2005	449	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Carnelian
5,174	BM online	1906,0312.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Egypt	Arsinoe		Carnelian
5,175	RMO online	GS-00198	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 1st century BC	-200	-1				Carnelian
5,176	Thorvaldsens online	i142	Thorvaldsens Museum, Copenhagen	Ring	100 - 30 BC	-100	-30			Iron	Carnelian
5,177	Thorvaldsens online	i1041	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,178	Thorvaldsens online	i709	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,179	Thorvaldsens online	i1265	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,180	Thorvaldsens online	i342	Thorvaldsens Museum, Copenhagen	Ring	100 - 30 BC	-100	-30			Iron	Carnelian
5,181	Thorvaldsens online	i526	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,182	Thorvaldsens online	i1158	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,183	Thorvaldsens online	i1150	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,184	Thorvaldsens online	i369	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,185	Thorvaldsens online	i139	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,186	Thorvaldsens online	i1666	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,187	Thorvaldsens online	i833	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,188	Thorvaldsens online	i1183	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,189	Thorvaldsens online	i591	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Carnelian
5,190	Guiraud 1988/2008	803	British Museum	Ring	1st century BC	-100	-1	France	Rhin	Gold	Carnelian
5,191	Xanten 1987/1994	209	LVR-Archäologischer Park Xanten	Engraved Gem	1st century BC	-100	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
5,192	RMO online	GS-00199	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Carnelian
5,193	RMO online	GS-00201	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Carnelian
5,194	RMO online	GS-00291	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Carnelian
5,195	RMO online	GS-00292	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Carnelian
5,196	RMO online	GS-00298	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Carnelian
5,197	RMO online	GS-00301	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Carnelian
5,198	RMO online	GS-00303	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Carnelian
5,199	Guiraud 1988/2008	800	Palais des Archevêques de Narbonne	Engraved Gem	1st century BC	-100	-1	France	Montlaurés		Carnelian
5,200	Marshman 2016	66.17	South Shields Museum & Art Gallery	Engraved Gem	1st century BC	-100	-1	Britain	South Shields?		Carnelian
5,201	Marshman 2016	42.03	Verulamium Museum	Engraved Gem	1st century BC	-100	-1	Britain	Saint Albans		Carnelian
5,202	Marshman 2016	46.00	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Britain	Colchester	Iron	Carnelian
5,203	Naples 1994	115 (inv. 25912/719)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,204	Naples 1994	120 (inv. 25886/54)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,205	Naples 1994	123 (inv. 25858/206)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,206	Naples 1994	125 (inv. 26168/329)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,207	Naples 1994	133 (inv. 25842/10)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,208	Naples 1994	154 (inv. 26762/397 ori)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian

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5,209	Naples 1994	167 (inv. 25889/57)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,210	Naples 1994	200 (inv. 26062/224)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,211	Naples 1994	209 (inv. 25901/68)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,212	Naples 1994	226 (inv. 27171/1310)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,213	Naples 1994	236 (inv. 25944/111)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,214	Naples 1994	237 (inv. 25969/136)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,215	Naples 1994	238 (inv. 26122/284)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,216	Naples 1994	240 (inv. 27261/1399)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,217	Naples 1994	243 (inv. 25946/113)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,218	Naples 1994	263 (inv. 26722/883)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,219	Naples 1994	265 (inv. 26141/303)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,220	Naples 1994	272 (inv. 27135/1274)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
5,221	Marshman 2016	112.00	The Novium Museum, Chichester	Engraved Gem	1st century BC - 1st century AD	-100	100	Britain	Chichester, Wool Store Site, Chapel Street		Carnelian
5,222	BM online	1953,0831.7	British Museum	Necklace	AD 175 - 180	175	180	Turkey	Miletopolis	Gold	Carnelian
5,223	BM online	1872,0604.671	British Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Carnelian
5,224	BM online	2005,0815.34	British Museum	Engraved Gem	2nd century AD	101	200				Carnelian
5,225	BM online	2005,0815.35	British Museum	Engraved Gem	2nd century AD	101	200				Carnelian
5,226	BM online	1966,0107.7	British Museum	Engraved Gem	4th century AD	301	400				Carnelian
5,227	BM online	1814,0704.1355	British Museum	Ring	2nd - 1st century BC	-200	-1			Gold	Carnelian
5,228	Naples 1983	273 (inv. 113864)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 3rd century AD	-100	300	Italy	Paestum		Carnelian
5,229	Naples 1983	73 (inv. 109595)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Herculaneum		Carnelian
5,230	Naples 1983	87 (inv. 27635)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,231	Naples 1983	264 (inv. 158842)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,232	Naples 1983	5 (inv. 161586)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,233	Naples 1983	41 (inv. 158790)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,234	Naples 1983	125 (inv. 158739)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,235	Naples 1983	146 (inv. 158802)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,236	Naples 1983	177 (inv. 110821)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,237	Naples 1983	212 (inv. 26041)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,238	Naples 1983	270 (inv. 158772)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian

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5,239	Naples 1983	38 (inv. 27638)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,240	Naples 1983	76 (inv. 158786)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,241	Naples 1983	166 (inv. 138114)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Carnelian
5,242	Xanten 1987/1994	81	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century BC	-100	-50	Germany	Fürstenberg And Its Environs		Carnelian
5,243	Hendler 2016	109	Hendler Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Israel	Caesarea		Carnelian
5,244	Hendler 2016	159	Hendler Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Israel	Caesarea		Carnelian
5,245	Xanten 1987/1994	86	LVR-Archäologischer Park Xanten	Engraved Gem	mid 1st century BC	-75	-25	Germany	Fürstenberg And Its Environs		Carnelian
5,246	Xanten 1987/1994	168	LVR-Archäologischer Park Xanten	Engraved Gem	mid 1st century BC	-75	-25	Germany	Andere Fundorte / Ohne Fundort		Carnelian
5,247	Xanten 1987/1994	216	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 1st century BC	-50	-1	Germany	Andere Fundorte / Ohne Fundort		Carnelian
5,248	RMO online	GS-00341	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 1st century BC	-50	-1				Carnelian
5,249	RMO online	GS-00345	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 1st century BC	-50	-1				Carnelian
5,250	RMO online	GS-00346	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 1st century BC	-50	-1				Carnelian
5,251	RMO online	GS-00424	National Museum of Antiquities, Leiden	Engraved Gem	mid 1st century BC - early 1st century AD	-50	25				Carnelian
5,252	RMO online	GS-00418	National Museum of Antiquities, Leiden	Engraved Gem	mid 1st century BC - early 1st century AD	-50	25				Carnelian
5,253	RMO online	GS-00422	National Museum of Antiquities, Leiden	Engraved Gem	mid 1st century BC - early 1st century AD	-50	25				Carnelian
5,254	Bologna 1987	42 (inv. Ori 145)	Museo Civico Archeologico di Bologna	Ring	mid 1st century BC - early 1st century AD	-50	25			Gold	Carnelian
5,255	Thorvaldsens online	i1240	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Carnelian
5,256	Thorvaldsens online	i1651	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,257	Thorvaldsens online	i699	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,258	Thorvaldsens online	i386	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,259	Thorvaldsens online	i1672	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,260	Thorvaldsens online	i773	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,261	Thorvaldsens online	i1229	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,262	Thorvaldsens online	i416	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,263	Thorvaldsens online	i1391	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Carnelian
5,264	RMO online	GS-00256	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century BC	-25	-1				Carnelian
5,265	RMO online	GS-00253	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century BC	-25	-1				Carnelian
5,266	RMO online	GS-00255	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century BC	-25	-1				Carnelian
5,267	RMO online	GS-00390	National Museum of Antiquities, Leiden	Engraved Gem	last 1st century BC - 1st quarter 1st century AD	-25	25				Carnelian

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5,268	Bologna 1987	63 (inv. Gl. 143)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century BC - early 1st century AD	-25	25				Carnelian
5,269	Xanten 1987/1994	12	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st century BC - early 1st century AD	-25	25	Germany	Fürstenberg And Its Environs		Carnelian
5,270	Xanten 1987/1994	63	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st century BC - 1st century AD	-25	100	Germany	Fürstenberg And Its Environs		Carnelian
5,271	Hendler 2016	52	Hendler Collection	Engraved Gem	1st - mid 3rd century AD	1	250	Israel	Caesarea		Carnelian
5,272	Xanten 1987/1994	154a	des Rheinischen Landesmuseums Bonn	Engraved Gem	1st - 2nd century AD	1	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
5,273	Hendler 2016	85	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
5,274	Hendler 2016	28	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
5,275	Hendler 2016	41	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
5,276	Hendler 2016	50	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
5,277	Hendler 2016	67	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Carnelian
5,278	RMO online	GS-00570	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
5,279	RMO online	GS-00898	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
5,280	BM online	1890,0601.100	British Museum	Ring	1st - 3rd century AD	1	300			Gold	Carnelian
5,281	BM online	1756,0102.97	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Carnelian
5,282	BM online	1894,0803.56	British Museum	Ring	2nd century AD	101	200	Britain	Slay Hill Saltings	Silver	Carnelian
5,283	BM online	1925,0209.1	British Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Welbeck Abbey		Carnelian
5,284	Guiraud 1988/2008	336	British Museum	Ring	1st - 3rd century AD	1	300	France	Amiens	Gold	Carnelian
5,285	Hendler 2016	197	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
5,286	Hendler 2016	160	Hendler Collection	Engraved Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Carnelian
5,287	Fitzwilliam 1994	218a	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
5,288	Marshman 2016	14.31	Private Collection	Ring	1st - 4th century AD	1	400	Britain	Newcastle	Gold	Carnelian
5,289	Marshman 2016	69.01	Reading Museum	Engraved Gem	1st - early 2nd century AD	1	125	Britain	Silchester		Carnelian
5,290	Hendler 2016	94	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Carnelian
5,291	Hendler 2016	53	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Carnelian
5,292	Xanten 1987/1994	43	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Fürstenberg And Its Environs		Carnelian
5,293	Xanten 1987/1994	177	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Carnelian
5,294	Guiraud 1988/2008	73	Musée Archéologique, Dijon	Engraved Gem	1st century AD	1	100	France	Mont Beauvray		Carnelian
5,295	Guiraud 1988/2008	16	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	1st century AD	1	100	France	Vienne		Carnelian
5,296	RMO online	GS-00812	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Carnelian
5,297	RMO online	GS-00506	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Carnelian
5,298	RMO online	GS-00572	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Carnelian
5,299	RMO online	GS-00636	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Carnelian
5,300	RMO online	GS-00647	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Carnelian
5,301	Xanten 1987/1994	24	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century AD	1	50	Germany	Fürstenberg And Its Environs		Carnelian
5,302	Marshman 2016	1.41	British Museum	Engraved Gem	early 1st century AD	1	25	Britain	York		Carnelian

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5,303	RMO online	GS-01162	National Museum of Antiquities, Leiden	Engraved Gem	early - mid 1st century AD	1	50				Carnelian
5,304	Naples 1994	205 (inv. 25872/40)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	AD 15 - 20	15	20				Carnelian
5,305	Getty Online	84.AN.990	J. Paul Getty Museum	Engraved Gem	AD 1 - 50	1	50				Carnelian
5,306	Xanten 1987/1994	21	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 1st century AD	50	100	Germany	Fürstenberg And Its Environs		Carnelian
5,307	Marshman 2016	121.04	Bridport Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Waddon Hill		Carnelian
5,308	CHRE	7315	Private Collection	Ring	AD 54 - 269	54	269	France	Sauvagny	Gold	Carnelian
5,309	CHRE	7315	Private Collection	Ring	AD 54 - 269	54	269	France	Sauvagny	Gold	Carnelian
5,310	CHRE	7315	Private Collection	Ring	AD 54 - 269	54	269	France	Sauvagny	Gold	Carnelian
5,311	CHRE	7315	Private Collection	Ring	AD 54 - 269	54	269	France	Sauvagny	Gold And Silver	Carnelian
5,312	Marshman 2016	4.16	Dumfries Burgh Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Carzield		Carnelian
5,313	Marshman 2016	84.09	Bristol Museum & Art Gallery	Ring	late 1st - early 2nd century AD	75	125	Britain	Charterhouse-On-Mendip	Iron	Carnelian
5,314	Marshman 2016	71.08	Ipswich Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Hacheston	Iron	Carnelian
5,315	Marshman 2016	41.00	Museum of London	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	London, Thames Exchange Building, 78 Upper Thames Street		Carnelian
5,316	Marshman 2016	125.05	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Carnelian
5,317	Marshman 2016	125.07	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
5,318	Marshman 2016	129.00	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
5,319	Marshman 2016	71.21	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
5,320	Marshman 2016	107.02	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Carnelian
5,321	Hendler 2016	45	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Carnelian
5,322	Hendler 2016	51	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Carnelian
5,323	Hendler 2016	62	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Carnelian
5,324	Bologna 1987	229 (inv. Gl. 223)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
5,325	RMO online	GS-01028	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
5,326	RMO online	GS-01043	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
5,327	BM online	1866,0504.98	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Garnet
5,328	BM online	1772,0314.74	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Garnet
5,329	BM online	1879,0115.13	British Museum	Earrings	AD 200	200	200			Gold	Garnet
5,330	BM online	1879,0115.12	British Museum	Earrings	AD 200	200	200			Gold	Garnet
5,331	Hendler 2016	154	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
5,332	Hendler 2016	17	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
5,333	Xanten 1987/1994	183	LVR-Archäologischer Park Xanten	Ring	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort	Iron	Carnelian

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5,334	Marshman 2016	23.01	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caernarfon (Segontium)		Carnelian
5,335	Marshman 2016	122.25	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Sprinhead, Ebbsfleet River	Gold Collet	Carnelian
5,336	Marshman 2016	102.02	Verulamium Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Saint Albans, Follie Lane	Iron	Carnelian
5,337	BM online	2005,0815.10	British Museum	Bead	2nd century AD	101	200				Carnelian
5,338	Thorvaldsens online	i1007	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd century AD	101	200				Carnelian
5,339	Hendler 2016	96	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Carnelian
5,340	Aquileia 1996	65 (inv. 1278/189)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Carnelian
5,341	Hendler 2016	103	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Carnelian
5,342	Hendler 2016	120	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Carnelian
5,343	Marshman 2016	3.01	South Shields Museum & Art Gallery	Engraved Gem	mid - late 2nd century AD	150	200	Britain	South Shields		Carnelian
5,344	Xanten 1987/1994	189	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 2nd century AD	150	200	Germany	Andere Fundorte / Ohne Fundort		Carnelian
5,345	Aquileia 1996	100 (inv. 1309/33)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd - 3rd century AD	175	300				Carnelian
5,346	Marshman 2016	122.21	Birmingham Museum & Art Gallery	Ring	late 2nd - early 3rd century AD	175	300	Britain	Beckford	Iron	Carnelian
5,347	Marshman 2016	8.60	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Ribchester		Carnelian
5,348	Marshman 2016	16.86	Norwich Castle Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Caistor St. Edmund		Carnelian
5,349	Marshman 2016	66.08	Colchester Castle Museum	Ring	late 2nd - 3rd century AD	175	300	Britain	Colchester Balkerne Gate	Base Silver	Carnelian
5,350	Marshman 2016	26.04	Private Collection of M. Hicks	Engraved Gem	late 2nd - early 3rd Century AD	175	225	Britain	Callington		Carnelian
5,351	Thorvaldsens online	i662	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
5,352	Thorvaldsens online	i1632	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Carnelian
5,353	Marshman 2016	17.10	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Felixstowe		Carnelian
5,354	BM online	1985,0201.191	British Museum	Engraved Gem	AD 43 - 410	201	300				Carnelian
5,355	BM online	2003,0901.5	British Museum	Brooch	AD 43 - 410	201	300			Gold	Carnelian
5,356	BM online	1892,0901.1362	British Museum	Engraved Gem	AD 43 - 410	201	300	Britain	Hod Hill		Carnelian
5,357	Guiraud 1988/2008	204	British Museum	Engraved Gem	3rd century AD	201	300	France	Sud De La France		Carnelian
5,358	Marshman 2016	81.05	Private Collection	Ring	3rd century AD	201	300	Britain	Dover, St Martin Le Grand	Silver & Gold Collet	Carnelian
5,359	CHRE	4936	Private Collection	Ring	AD 260 - 293	260	293	Algeria	Timgad 1910	Gold	Carnelian
5,360	CHRE	8608	Private Collection	Ring	AD 132 - 256	132	256	France	Nivolas-Vermelle	Gold	Carnelian
5,361	BM online	1856,0425.7	British Museum	Ring	3rd - 4th century AD	201	400				Carnelian (Sard)
5,362	BM online	1917,0501.407	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
5,363	BM online	1872,0604.929	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
5,366	MFA online	13.235	Museum of Fine Arts, Boston	Ring	1st century BC - 1st century AD	-100	100			Gold	Lapis Lazuli
5,367	MFA online	99.108	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
5,368	MFA online	99.105	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
5,369	BM online	1872,0604.575	British Museum	Earring	3rd century AD	201	300			Gold	Carnelian, Emerald
5,370	Met Online	95.16.13	Metropolitan Museum of Art, New York	Necklace	1st century AD	1	100			Gold	Carnelian, Emerald, Garnet, Onyx

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5,371	AG Vienna	1887	Kunsthistorisches Museum Wien	Engraved Gem	AD 150 - 250	150	250	Egypt			Amethyst
5,372	BM online	1917,0601.2709	British Museum	Necklace	1st - 3rd century AD	1	300			Gold	Carnelian, Garnet, Pearl
5,373	V&A online	8737&A-1863	Victoria & Albert Museum	Earring	1st - 4th century AD	1	400			Gold	Carnelian, Emerald, Garnet
5,374	Met Online	74.51.3794	Metropolitan Museum of Art, New York	Earring	1st - 2nd century AD	1	200			Gold	Pearl
5,375	Carnuntum 2005	4	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chalcedony
5,376	Carnuntum 2005	11	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chalcedony
5,377	Carnuntum 2005	22	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,378	Carnuntum 2005	1302	Museum Carnuntinum	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Chalcedony
5,379	Carnuntum 2005	733	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Chalcedony
5,380	Carnuntum 2005	1035	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Chalcedony
5,381	Carnuntum 2005	718	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Silver	Chalcedony
5,382	Carnuntum 2005	5	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,383	Carnuntum 2005	15	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,384	Carnuntum 2005	18	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,385	Carnuntum 2005	20	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,386	Carnuntum 2005	768	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Chalcedony
5,387	Carnuntum 2005	34	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,388	Carnuntum 2005	38	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,389	Carnuntum 2005	86	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,390	Carnuntum 2005	229	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,391	Carnuntum 2005	856	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,392	Carnuntum 2005	996	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,393	Carnuntum 2005	1040	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chalcedony
5,394	Carnuntum 2005	822	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,395	Carnuntum 2005	1	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Chalcedony
5,396	Carnuntum 2005	1041	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chalcedony
5,397	Carnuntum 2005	14	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,398	Getty Online	85.AN.370.82	J. Paul Getty Museum	Ring	2nd - 3rd century AD	101	300			Gold	Carnelian
5,399	Getty Online	84.AN.1.36	J. Paul Getty Museum	Engraved Gem	first half of the 1st century AD	1	50				Agate
5,400	Getty Online	78.AN.322.2	J. Paul Getty Museum	Ring	2nd century AD	101	200			Gold	Jasper (Red)
5,401	Getty Online	84.AN.1.61	J. Paul Getty Museum	Ring	2nd - 3rd century AD	101	300			Gold	Agate
5,402	Getty Online	83.AN.437.39	J. Paul Getty Museum	Engraved Gem	mid 1st century BC	-75	-25	Italy		Gold	Carnelian
5,403	Getty Online	84.AN.1.58	J. Paul Getty Museum	Ring	first half of the 2nd century AD	101	150			Gold	Jasper (Red)
5,404	Marshman 2016	27.00	Grosvenor Museum, Chester	Ring	3rd - 1st century BC	-300	-1	Britain	Chester?	Broze	Chalcedony
5,405	AGD Berlin	504	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Chrysoprase
5,406	AGD Berlin	529	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Chrysoprase
5,407	Berlin 2007	528	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Sardonyx
5,408	Berlin 2007	453	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Sardonyx
5,409	Guiraud 1988/2008	673	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	2nd - 1st century BC	-200	-1	France	Cavaillon		Chalcedony
5,410	Hague 1978	491	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy			Amethyst
5,411	Hague 1978	492	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy			Amethyst
5,412	AGD Hannover	501	Museum August Kestner-Hannover	Engraved Gem	10 - 1 BC	-10	-1				Carnelian

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
5,413	AGD Hannover	507	Museum August Kestner-Hannover	Engraved Gem	100 - 90 BC	-110	-90				Onyx (Nicolo)
5,414	Hague 1978	503	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,415	Hague 1978	504	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,416	Hague 1978	505	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,417	Hague 1978	501	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Amethyst
5,418	Hague 1978	499	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Amethyst
5,419	Hague 1978	497	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Garnet
5,420	AGD Berlin	495	Staatliche Museen zu Berlin	Engraved Gem	40 BC	-40	-40				Chalcedony
5,421	AGD Berlin	424	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,422	Ashmolean Online	AN1941.287	Ashmolean Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Agate
5,423	Getty Online	79.AN.126.8	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Chalcedony
5,424	Getty Online	85.AN.370.43	J. Paul Getty Museum	Engraved Gem	1st century BC	-100	-1	Italy			Chalcedony
5,425	Hague 1978	494	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy			Chrysoprase
5,426	Hague 1978	495	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy			Chrysoprase
5,427	Hague 1978	496	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy			Chrysoprase
5,428	Guiraud 1988/2008	811	Musée Briord	Ring	1st century BC	-100	-1	France	Briord	Gold	Chalcedony
5,429	Guiraud 1988/2008	38	Musée Sainte-Croix	Engraved Gem	1st century BC	-100	-1	France	Poitiers		Chalcedony
5,430	AGD Hannover	434	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
5,431	AGD Hannover	454	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
5,432	AGD Hannover	136	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,433	Ashmolean Online	AN1941.260	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Agate
5,434	Hague 1978	112	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Carnelian
5,435	Chabouillet 1858	Camée.89 Number of deposit: Chabouillet.70	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Chalcedony
5,436	AG Munich	2331	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,437	AG Munich	2374	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,438	AG Munich	2391	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,439	AG Munich	2398	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,440	AG Munich	2409	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,441	AG Munich	2416	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,442	AG Munich	2417	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,443	Hague 1978	505	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,444	Hague 1978	507	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,445	de Clercq 1891-1912	3193	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Chalcedony
5,446	de Clercq 1891-1912	2911	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Chalcedony
5,447	de Clercq 1891-1912	2907	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
5,448	de Clercq 1891-1912	2937	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Chalcedony
5,449	de Clercq 1891-1912	2992	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
5,450	de Clercq 1891-1912	3004	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
5,451	de Clercq 1891-1912	3006	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Chalcedony
5,452	de Clercq 1891-1912	3119	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
5,453	de Clercq 1891-1912	3210	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
5,454	de Clercq 1891-1912	3374	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
5,455	Naples 1983	120 (inv. 158851)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Chalcedony
5,456	Naples 1983	269 (inv. 109571)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Chalcedony
5,457	Naples 1983	338 (inv. 155872)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Herculaneum		Chalcedony

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5,458	Naples 1983	349 (inv. 115497)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Chalcedony
5,459	Hague 1978	508	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,460	AGD Hannover	958	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
5,461	AGD Berlin	371	Staatliche Museen zu Berlin	Engraved Gem	early 1st century BC	-100	-1				Chalcedony
5,462	AGD Hannover	993	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chalcedony
5,463	AGD Berlin	392	Staatliche Museen zu Berlin	Engraved Gem	early 1st century BC	-100	-90				Chrysoprase
5,464	Hague 1978	965	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
5,465	Ashmolean Online	AN1941.267	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Agate
5,466	Ashmolean Online	ANFortnum.FR.298	Ashmolean Museum	Ring	3rd century AD	201	300			Gold	Chalcedony
5,467	Getty Online	83.AN.437.57	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Chalcedony
5,468	Ashmolean Online	ANFortnum.FR.173	Ashmolean Museum	Ring	AD 1 - 50	1	50			Gold	Onyx (Nicolo)
5,469	Berlin 2007	276	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-60	-40				Chalcedony
5,470	Xanten 1987/1994	77	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 1st century BC	-50	-1	Germany	Fürstenberg And Its Environs		Chalcedony
5,471	RMO online	GS-00366	National Museum of Antiquities, Leiden	Engraved Gem	mid 1st century BC - 1st century AD	-50	100				Chalcedony
5,472	AGD Hannover	218	Museum August Kestner-Hannover	Engraved Gem	late 2nd - early 1st century BC	-110	75				Chalcedony
5,473	Hendler 2016	46	Hendler Collection	Engraved Gem	mid 1st century BC - 1st century AD	-50	100	Israel	Caesarea		Chalcedony
5,474	Hague 1978	193	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Carnelian
5,475	RMO online	GS-00391	National Museum of Antiquities, Leiden	Engraved Gem	mid 1st century BC - early 1st century AD	-50	25				Chalcedony
5,476	Hague 1978	509	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,477	AG Vienna	1612	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Chrysoprase
5,478	Xanten 1987/1994	62	LVR-Archäologischer Park Xanten	Engraved Gem	mid 1st century BC - mid 1st century AD	-50	50	Germany	Fürstenberg And Its Environs		Chalcedony
5,479	Hague 1978	209	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Egypt	Cairo		Carnelian
5,480	AGD Berlin	463	Staatliche Museen zu Berlin	Ring	AD 50 - 100	50	100			Gold	Chrysoprase
5,481	AGD Berlin	496	Staatliche Museen zu Berlin	Engraved Gem	40 BC - AD 1	-40	1				Chalcedony
5,482	AGD Berlin	460	Staatliche Museen zu Berlin	Engraved Gem	30 - 20 BC	-30	-20				Chrysoprase
5,483	Xanten 1987/1994	150	LVR-Archäologischer Park Xanten	Engraved Gem	30 BC	-30	-30	Germany	Andere Fundorte / Ohne Fundort		Chalcedony
5,484	Hague 1978	510	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,485	Hague 1978	511	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,486	Hague 1978	513	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,487	Hague 1978	519	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,488	Hague 1978	522	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,489	Hague 1978	523	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,490	Hague 1978	526	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,491	Hague 1978	527	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,492	Thorvaldsens online	i610	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,493	Thorvaldsens online	i495	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,494	Thorvaldsens online	i633	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,495	Thorvaldsens online	i701	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony

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5,496	Thorvaldsens online	i703	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,497	Thorvaldsens online	i1380	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,498	Thorvaldsens online	i157	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,499	Thorvaldsens online	i1550	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,500	Thorvaldsens online	i1635	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,501	Thorvaldsens online	i1133	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,502	Thorvaldsens online	i1206	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,503	Thorvaldsens online	i1489	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,504	Thorvaldsens online	i509	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,505	Thorvaldsens online	i494	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,506	Thorvaldsens online	i516	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,507	Thorvaldsens online	i442	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,508	Thorvaldsens online	i587	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,509	Thorvaldsens online	i588	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,510	Thorvaldsens online	i590	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,511	Thorvaldsens online	i762	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,512	Thorvaldsens online	i1020	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,513	Thorvaldsens online	i796	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,514	Thorvaldsens online	i100	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,515	Thorvaldsens online	i94	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,516	Thorvaldsens online	i89	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,517	Thorvaldsens online	i692	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,518	Thorvaldsens online	i690	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,519	Thorvaldsens online	i1177	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,520	Thorvaldsens online	i1616	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,521	Thorvaldsens online	i540	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,522	Thorvaldsens online	i649	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,523	Thorvaldsens online	i607	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony

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5,524	Thorvaldsens online	i756	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,525	Thorvaldsens online	i382	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,526	Thorvaldsens online	i663	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,527	Thorvaldsens online	i1155	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,528	Thorvaldsens online	i413	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,529	Thorvaldsens online	i727	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,530	Thorvaldsens online	i433	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,531	Thorvaldsens online	i371	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,532	Thorvaldsens online	i432	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,533	Thorvaldsens online	i667	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,534	Thorvaldsens online	i85	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,535	Thorvaldsens online	i638	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,536	Thorvaldsens online	i870	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,537	Thorvaldsens online	i563	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,538	Thorvaldsens online	i927	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,539	Thorvaldsens online	i1609	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,540	Thorvaldsens online	i567	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,541	Thorvaldsens online	i1434	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,542	Thorvaldsens online	i1163	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,543	Thorvaldsens online	i1092	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,544	Thorvaldsens online	i1647	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,545	Thorvaldsens online	i1849	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,546	Thorvaldsens online	i698	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,547	Thorvaldsens online	i530	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Chalcedony
5,548	Aquileia 1996	1 (inv. 1275/406)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century BC - 1st century AD	-25	100				Chalcedony
5,549	Bologna 1987	44 (inv. Gl. 87)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century BC - early 1st century AD	-25	25				Chalcedony
5,550	Hague 1978	191	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Italy	Rome		Agate
5,551	Thorvaldsens online	i2109	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,552	Hendler 2016	31	Hendler Collection	Engraved Gem	1st - early 2nd century AD	1	125	Israel	Caesarea		Chalcedony
5,553	BM online	1917,0501.505	British Museum	Ring	3rd - 4th century AD	201	400	Egypt		Gold	Sardonyx

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5,554	BM online	AF.416	British Museum	Ring	3rd century AD	201	300	Britain	York	Gold	Sardonyx
5,555	BM online	1824,0301.21	British Museum	Engraved Gem	AD 211 - 212	211	212				Sardonyx
5,556	BM online	AF.417	British Museum	Ring	3rd century AD	201	300	Britain	Mersham	Gold	Sardonyx
5,557	Hague 1978	486	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	-100	-1				Chrysoprase
5,558	Hague 1978	488	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	-100	-1				Chrysoprase
5,559	Hague 1978	489	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	-100	-1				Chrysoprase
5,560	Hague 1978	540	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Turquoise
5,561	Hague 1978	541	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Amethyst
5,562	Hague 1978	543	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Britain	Backworth		Chrysoprase
5,563	Hague 1978	544	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200	Britain	Backworth		Chrysoprase
5,564	Hague 1978	545	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200	Britain	Carlisle		Chrysoprase
5,565	Xanten 1987/1994	240	der Katholischen Kirchengemeinde St. Viktor	Engraved Gem	1st - 2nd century AD	1	200	Germany	Andere Fundorte / Ohne Fundort		Chalcedony
5,566	Getty Online	83.AN.353.3	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,567	Getty Online	82.AN.162.43	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,568	Getty Online	84.AN.1.72	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Chalcedony
5,569	Hendler 2016	136	Hendler Collection	ring	1st - 2nd century AD	1	200	Israel	Caesarea	Iron	Chalcedony
5,570	Hendler 2016	141	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Chalcedony
5,571	Hendler 2016	3	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Chalcedony
5,572	Hendler 2016	80	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Chalcedony
5,573	Hague 1978	547	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,574	Guiraud 1988/2008	730	Musée Bertrand	Engraved Gem	1st - 2nd century AD	1	200	France	Indre		Chalcedony
5,575	RMO online	GS-00671	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,576	RMO online	GS-00682	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,577	RMO online	GS-00683	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,578	RMO online	GS-00684	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,579	RMO online	GS-00685	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,580	RMO online	GS-00686	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,581	RMO online	GS-00769	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,582	RMO online	GS-00775	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,583	RMO online	GS-00800	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,584	RMO online	GS-00806	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,585	RMO online	GS-00810	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,586	RMO online	GS-00816	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,587	RMO online	GS-00845	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,588	RMO online	GS-00846	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,589	RMO online	GS-00852	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,590	RMO online	GS-00889	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,591	RMO online	GS-00958	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,592	Hague 1978	548	Royal Coin Cabinet, The Hague	Engraved Gem	Engraved Gem	1	300				Chrysoprase
5,593	BM online	AF.418	British Museum	Ring	3rd - 4th century AD	201	400	Britain	Bradwell	Gold	Sardonyx
5,594	BM online	1917,0501.818	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,595	BM online	1772,0314.148.1	British Museum	Bead	1st - 4th century AD	1	400				Sardonyx
5,596	BM online	1917,0501.572	British Museum	Ring	4th century AD	301	400			Gold	Sardonyx
5,597	BM online	1924,0514.5	British Museum	Pendant	3rd century AD	201	300			Gold	Sardonyx
5,598	BM online	1924,0514.2	British Museum	Engraved Gem	3rd century AD	201	300	France	Arras		Sardonyx
5,599	BM online	1917,0501.1181	British Museum	Ring	3rd - 5th century AD	201	500			Silver	Sardonyx
5,600	BM online	1872,0604.677	British Museum	Necklace	3rd century AD	201	300			Silver	Sardonyx
5,601	BM online	1917,0501.819	British Museum	Ring	3rd century AD	201	300	Egypt	Fayum	Gold	Sardonyx

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5,602	BM online	1917,0501.553	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,603	BM online	1917,0501.532	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,604	BM online	1917,0501.517	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,605	BM online	1872,0604.190	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,606	BM online	1872,0604.326	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,607	BM online	1856,1226.1386	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,608	BM online	1917,0501.807	British Museum	Ring	3rd - 5th century AD	201	500			Gold	Sardonyx
5,609	BM online	1880.3583	British Museum	Engraved Gem	2nd - 5th century AD	101	500	Italy	Rome		Sardonyx
5,610	BM online	1894,1101.166	British Museum	Engraved Gem	AD 100 - 300	100	300				Sardonyx
5,611	BM online	1890,0601.43	British Museum	Engraved Gem	2nd century AD	101	200				Sardonyx
5,612	BM online	1953,0831.6	British Museum	Ring	2nd century AD	101	200	Greece	Miletopolis	Gold	Sardonyx
5,613	BM online	1953,0831.8	British Museum	Engraved Gem	2nd century AD	101	200	Greece	Miletopolis		Sardonyx
5,614	BM online	1904,0204.506	British Museum	Ring	2nd - 3rd century AD	101	300			Silver	Sardonyx
5,615	BM online	1772,0314.119	British Museum	Engraved Gem	1st - 4th century AD	1	400				Sardonyx
5,616	BM online	1872,0604.176	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
5,617	Hague 1978	927	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Garnet
5,618	Hague 1978	963	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd century AD	101	300				Garnet
5,619	Hague 1978	974	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
5,620	Hague 1978	526	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,621	Hague 1978	980	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd century AD	101	300	Lebanon	Sidon		Agate
5,622	AG Vienna	1615	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300				Chrysoprase
5,623	AG Vienna	1631	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Chrysoprase
5,624	AG Vienna	1633	Kunsthistorisches Museum Wien	Engraved Gem	AD 50 - 200	50	200				Chrysoprase
5,625	AG Vienna	1635	Kunsthistorisches Museum Wien	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,626	AG Vienna	1690	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Chrysoprase
5,627	AG Vienna	1694	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Chrysoprase
5,628	Hendler 2016	221	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Chalcedony
5,629	Hendler 2016	237	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Chalcedony
5,630	Hendler 2016	238	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Chalcedony
5,631	Hendler 2016	239	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Chalcedony
5,632	Hendler 2016	240	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Chalcedony
5,633	Hendler 2016	66	Hendler Collection	Engraved Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Chalcedony
5,634	Met Online	20.235	Metropolitan Museum of Art, New York	Earring	1st century AD	1	100			Gold	Pearl
5,635	Fitzwilliam 1994	219	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Jasper (brown)
5,636	Fitzwilliam 1994	220	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
5,637	Fitzwilliam 1994	221	Fitzwilliam Museum	Engraved Gem	50 BC - AD 50	-50	50				Carnelian (sard)
5,638	Fitzwilliam 1994	222	Fitzwilliam Museum	Engraved Gem	100 - 75 BC	-100	-75				Onyx (Nicolo)
5,639	El-Kachab 1963	2	Private Collection	Engraved Gem	1st - 3rd century AD	1	300	Egypt	Alexandria		Chalcedony
5,640	El-Kachab 1963	9	Private Collection	Engraved Gem	1st - 3rd century AD	1	300	Egypt	Alexandria		Chalcedony
5,641	El-Kachab 1963	14	Private Collection	Engraved Gem	1st - 3rd century AD	1	300	Egypt	Alexandria		Chalcedony
5,642	Marshman 2016	144.10	National Museum of Scotland, Edinburgh	Engraved Gem	1st - 4th century AD	1	400	Britain	Newstead		Chalcedony
5,643	Hendler 2016	105	Hendler Collection	Engraved Gem	1st - early 2nd century AD	1	125	Israel	Caesarea		Chalcedony
5,644	AGD Berlin	369	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century AD	25	75				Chrysoprase
5,645	AGD Berlin	375	Staatliche Museen zu Berlin	Engraved Gem	first quarter of the 1st century AD	1	25				Chrysoprase
5,646	AGD Berlin	451	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Chrysoprase
5,647	Marshman 2016	116.07	Bristol Museum & Art Gallery	Engraved Gem	1st century AD	1	100	Britain	Sea Mills		Chalcedony
5,648	Hague 1978	204	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Onyx (Nicolo)
5,649	Getty Online	79.AN.126.6	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony

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5,650	Getty Online	84.AN.1.78	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Chalcedony
5,651	Getty Online	79.AN.8.4	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,652	Getty Online	82.AN.162.42	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Chalcedony
5,653	Getty Online	83.AN.437.19	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Chalcedony
5,654	Hendler 2016	115	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Chalcedony
5,655	AG Vienna	1705	Kunsthistorisches Museum Wien	Engraved Gem	1st - 2nd century AD	1	200	Italy	Rome		Chrysoprase
5,656	AG Vienna	1836	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Chrysoprase
5,657	Xanten 1987/1994	199	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Chalcedony
5,658	Met Online	21.291.1	Metropolitan Museum of Art, New York	Necklace	1st century AD	1	100			Gold	Pearl
5,659	Aquileia 1996	3 (inv. 1261/99)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century AD	1	100				Chalcedony
5,660	Aquileia 1996	101 (inv. 1303/233)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century AD	1	100				Chalcedony
5,661	Pompeii 1987	51	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Chrysoprase
5,662	Pompeii 1987	54	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Chrysoprase
5,663	Pompeii 1987	55	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Chrysoprase
5,664	Pompeii 1987	58	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Chrysoprase
5,665	Vesuvius 1997	132 (inv. 37)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem	1st century AD	1	100	Italy	Pompeii		Chalcedony
5,666	Pompeii 1987	3	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Oplontis	Gold	Chalcedony
5,667	Bologna 1987	110 (inv. Gl. 111)	Museo Civico Archeologico di Bologna	Engraved Gem	1st century AD	1	100				Chalcedony
5,668	AGD Berlin	435	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Chalcedony
5,669	Met Online	L.2015.72.38	Metropolitan Museum of Art, New York	Ring	4th century AD	301	400			Gold	Garnet
5,670	RMO online	GS-00813	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,671	RMO online	GS-00473	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,672	RMO online	GS-00474	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,673	RMO online	GS-00476	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,674	RMO online	GS-00477	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,675	RMO online	GS-00478	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,676	RMO online	GS-00479	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,677	RMO online	GS-00480	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,678	RMO online	GS-00482	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,679	RMO online	GS-00484	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,680	RMO online	GS-00486	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,681	RMO online	GS-00488	National Museum of Antiquities, Leiden	Ring	1st century AD	1	100			Gold	Chalcedony
5,682	RMO online	GS-00489	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,683	RMO online	GS-00493	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,684	RMO online	GS-00494	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,685	RMO online	GS-00495	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,686	RMO online	GS-00496	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,687	RMO online	GS-00502	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,688	RMO online	GS-00509	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,689	RMO online	GS-00510	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,690	RMO online	GS-00511	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,691	RMO online	GS-00513	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony

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5,692	RMO online	GS-00518	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,693	RMO online	GS-00519	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,694	RMO online	GS-00522	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,695	RMO online	GS-00523	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,696	RMO online	GS-00526	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,697	RMO online	GS-00527	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,698	RMO online	GS-00528	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,699	RMO online	GS-00529	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,700	RMO online	GS-00533	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,701	RMO online	GS-00534	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,702	RMO online	GS-00535	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,703	RMO online	GS-00536	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,704	RMO online	GS-00538	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,705	RMO online	GS-00539	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,706	RMO online	GS-00543	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,707	RMO online	GS-00544	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,708	RMO online	GS-00545	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,709	RMO online	GS-00547	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,710	RMO online	GS-00548	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,711	RMO online	GS-00549	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,712	RMO online	GS-00550	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,713	RMO online	GS-00552	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,714	RMO online	GS-00553	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,715	RMO online	GS-00556	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,716	RMO online	GS-00557	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,717	RMO online	GS-00559	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,718	RMO online	GS-00561	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,719	RMO online	GS-00562	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,720	RMO online	GS-00563	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,721	RMO online	GS-00568	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,722	RMO online	GS-00569	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Chalcedony
5,723	Fitzwilliam Online	60243	Fitzwilliam Museum	Necklace	1st - 3rd century AD	1	300			Gold	Turquoise
5,724	Carnuntum 2005	1099	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,725	Thorvaldsens online	i276	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century AD	1	100				Chalcedony
5,726	Thorvaldsens online	i1595	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century AD	1	100				Chalcedony
5,727	Hague 1978	549	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy			Chrysoprase
5,728	Met Online	81.6.203	Metropolitan Museum of Art, New York	Ring	3rd - 4th century AD	201	400			Gold	Garnet
5,729	Hague 1978	550	Royal Coin Cabinet, The Hague	Ring	1st century AD	1	100				Chrysoprase
5,730	Aquileia 1996	117 (inv. 745/63)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	early - mid 1st century AD	1	50				Chalcedony
5,731	Hague 1978	558	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Russia	Armavir, (Large "Bolshoy" Barrow)	Gold	Amethyst
5,732	Marshman 2016	38.02	British Museum	Ring	1st century AD	1	100	Britain	Thetford	Gold	Chalcedony
5,733	Avisseau-Broustet and Vollenweider 2003	81 (inv. Camée. 251 bis)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 10 - 14	10	20	Italy	Rome		Chalcedony
5,734	AGD Berlin	492	Staatliche Museen zu Berlin	Engraved Gem	AD 20 - 30	20	30				Chrysoprase
5,735	Guzzo 2003	I.61	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	AD 37 -100	37	100	Italy	Herculaneum	Gold	Chalcedony

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5,736	AG Vienna	1837	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Chrysoprase
5,737	Ashmolean Online	AN1927.518	Ashmolean Museum	Engraved Gem	AD 43 - 410	43	410	Britain	Fenny Stratford, Buckinghamshire		Onyx (Nicolo)
5,738	AGD Berlin	468	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Chrysoprase
5,739	Aquileia 1996	98 (inv. 1174/381)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	mid - late 1st century AD	50	100				Chalcedony
5,740	Hendler 2016	65	Hendler Collection	Engraved Gem	AD 50 - 99	50	100	Israel	Caesarea		Chalcedony
5,741	Marshman 2016	124.04	English Heritage Store Atcham	Engraved Gem	Mid 1st century AD	50	75	Britain	Richborough		Chalcedony
5,742	Marshman 2016	41.25	Museum of Somerset, Taunton	Engraved Gem	Mid 1st century AD	50	75	Britain	Ham Hill		Chalcedony
5,743	Marshman 2016	107.01	Museum of Somerset, Taunton	Engraved Gem	Mid 1st century AD	50	75	Britain	Ham Hill		Chalcedony
5,744	Guiraud 1988/2008	343	Private Collection	Ring	mid 1st century AD	50	50	France	Apt	Iron	Chalcedony
5,745	Thorvaldsens online	i1001	Thorvaldsens Museum, Copenhagen	Engraved Gem	AD 54 - 68	54	68				Chalcedony
5,746	Hague 1978	852	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,747	Hague 1978	853	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Garnet
5,748	RMO online	GS-00531	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century AD	75	100				Chalcedony
5,749	RMO online	GS-00807	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century AD	75	100				Chalcedony
5,750	RMO online	GS-00770	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Chalcedony
5,751	RMO online	GS-00772	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Chalcedony
5,752	Aquileia 1996	64 (inv. 1166/402)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century AD	75	100				Chalcedony
5,753	Benaki 1999	Benaki Museum: ΓΕ 1644	Benaki Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Chalcedony
5,754	Benaki 1999	Benaki Museum: ΓΕ 1657	Benaki Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Chalcedony
5,755	Benaki 1999	Benaki Museum: ΓΕ 1658	Benaki Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Chalcedony
5,756	Benaki 1999	Benaki Museum: ΓΕ 1685	Benaki Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Chalcedony
5,757	Marshman 2016	1.30	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Catterick		Chalcedony
5,758	Marshman 2016	21.07	Richborough Site Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Richborough		Chalcedony
5,759	Marshman 2016	79.03	Chester Archaelogical Society	Ring	late 1st - early 2nd century AD	75	125	Britain	Chester, Crook Street	Iron	Chalcedony
5,760	Marshman 2016	125.08	Chester Archaelogical Society	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chester, Ampitheatre		Chalcedony
5,761	Marshman 2016	39.09	Chester Archaelogical Society	Ring	late 1st - early 2nd century AD	75	125	Britain	Chester, Abbey Green	Iron	Chalcedony
5,762	Marshman 2016	52.00	Corbridge Roman Site & Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Red House (Near Corbridge)	Iron	Chalcedony
5,763	Marshman 2016	125.10	Vindolanda Site Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Chesterholm (Vindolanda)	Silver	Chalcedony
5,764	Marshman 2016	120.04	Yorkshire Museum, York	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	York		Chalcedony
5,765	Marshman 2016	109.03	Grosvenor Museum, Chester	Engraved Gem	late 1st century AD	75	100	Britain	Chester, Praetorium (Old Market Hall Site)		Chalcedony
5,766	Israel online	76.42.2462	The Israel Museum, Jerusalem	Engraved Gem	late 1st century AD	75	100	Jordan			Chalcedony
5,767	Marshman 2016	71.10	Grosvenor Museum, Chester	Ring	late 1st century AD	75	100	Britain	Chester, Praetorium	Iron Ring Bound In Silver Wire	Chalcedony
5,768	Marshman 2016	84.01	Hendon Library	Engraved Gem	late 1st century AD	75	100	Britain	Brockley Hill		Chalcedony
5,769	Marshman 2016	34.01	Museum of Archaeology & Anthropology, Cambridge	Engraved Gem	late 1st century AD	75	100	Britain	Sea Mills		Chalcedony
5,770	Hague 1978	917	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd AD	101	300				Sapphire

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5,771	Marshman 2016	120.05	Museum of London	Ring	late 1st century AD	75	100	Britain	London, Walbrook, Bluckerbury House	Iron	Chalcedony
5,772	Marshman 2016	120.12	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Chalcedony
5,773	Hague 1978	918	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd AD	101	300				Amethyst
5,774	MFA online	27.755	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
5,775	CHRE	6283	Private Collection	Ring	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Chalcedony
5,776	CHRE	6283	Private Collection	Ring	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Chalcedony
5,777	CHRE	6283	Private Collection	Ring	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Chalcedony
5,778	CHRE	6283	Private Collection	Ring	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Chalcedony
5,779	CHRE	6283	Private Collection	Ring	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Chalcedony
5,780	CHRE	6283	Private Collection	Ring	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Chalcedony
5,781	CHRE	6283	Private Collection	Ring	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Chalcedony
5,782	Marshman 2016	1.17	Newport Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Caerleon	Iron	Chalcedony
5,783	Marshman 2016	30.00	The Pottery Museum, Stoke on Trent	Ring	early 2nd century AD	101	125	Britain		Iron	Chalcedony
5,784	Hendler 2016	73	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Chalcedony
5,785	Bologna 1987	163 (inv. Ori 152)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300			Bronze	Chalcedony
5,786	Bologna 1987	165 (inv. Gl. 192)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,787	Bologna 1987	166 (inv. Gl. 184)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,788	Benaki 1999	Benaki Museum: ΓΕ 1664	Benaki Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Caerleon		Chalcedony
5,789	Benaki 1999	Benaki Museum: ΓΕ 1629	Benaki Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Caerleon		Chalcedony
5,790	Hague 1978	552	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,791	Hague 1978	553	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,792	Hague 1978	556	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Hungary			Chrysoprase
5,793	Getty Online	81.AN.11.1	J. Paul Getty Museum	Engraved Gem	3rd century AD	201	300				Chalcedony
5,794	AG Vienna	1363	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Lapis Lazuli
5,795	RMO online	GS-00919	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,796	RMO online	GS-00957	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,797	RMO online	GS-00960	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,798	RMO online	GS-00999	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,799	RMO online	GS-01054	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,800	RMO online	GS-01070	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,801	RMO online	GS-01072	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,802	RMO online	GS-01078	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,803	AG Munich	2492	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,804	AG Munich	2496	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,805	AG Munich	2717	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,806	AG Munich	2831	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,807	AGD Hannover	712	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 10	-50	10				Carnelian
5,808	AGD Hannover	713	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 10	-50	10				Carnelian
5,809	AGD Hannover	715	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 100	-50	100				Carnelian
5,810	Hague 1978	557	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	pakistan			Chrysoprase

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5,811	RMO online	GS-01113	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Chalcedony
5,812	RMO online	GS-01129	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Chalcedony
5,813	RMO online	GS-01137	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Chalcedony
5,814	RMO online	GS-01140	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Chalcedony
5,815	Berlin 2007	191	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Chalcedony
5,816	Marshman 2016	1.26	Ashmolean Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Nr Fenny Stratford		Chalcedony
5,817	Hendler 2016	82	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Chalcedony
5,818	Berlin 2007	630	Staatliche Museen zu Berlin	Engraved Gem	late 2nd - 1st century BC	-110	-1				Chalcedony
5,819	Xanten 1987/1994	111	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Chalcedony
5,820	AGD Hannover	998	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
5,821	AGD Hannover	999	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
5,822	AGD Hannover	1001	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
5,823	Marshman 2016	124.05	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Wanborough	Iron	Chalcedony
5,824	Marshman 2016	1.04	National Museum of Scotland, Edinburgh	Ring	late 1st - 2nd century AD	75	200	Britain	Newstead	Iron	Chalcedony
5,825	Marshman 2016	17.49	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Dryburgh		Chalcedony
5,826	Marshman 2016	33.04	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Chalcedony
5,827	Marshman 2016	14.53	Norwich Castle Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Highnam		Chalcedony
5,828	Marshman 2016	49.15	Richborough Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Richborough		Chalcedony
5,829	Marshman 2016	1.07	Schrewsbury Museum & Art Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Chalcedony
5,830	Berlin 2007	583	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,831	Marshman 2016	1.29	Wakefield Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Castleford		Chalcedony
5,832	Guiraud 1988/2008	1	British Museum	Engraved Gem	2nd century AD	101	200	France	Vaison-La Romaine		Chalcedony
5,833	Hague 1978	810	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,834	Hague 1978	813	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,835	Hague 1978	815	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Garnet
5,836	Marshman 2016	84.11	Corbridge Roman Site & Museum	Engraved Gem	2nd century AD	101	200	Britain	Corbridge		Chalcedony
5,837	Hague 1978	527	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy	Rome		Chrysoprase
5,838	AGD Berlin	513	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Agate
5,839	AGD Berlin	563	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Chalcedony
5,840	AG Vienna	1370	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
5,841	AG Vienna	1728	Kunsthistorisches Museum Wien	Engraved Gem	AD 212 - 217	212	217	Egypt			Aquamarine
5,842	Guiraud 1988/2008	423	Le Logis-de-Berre	Ring	2nd century AD	101	200	France	Les Granges-Gontardes	Gold	Chalcedony
5,843	Guiraud 1988/2008	226	Musée Barrois, Bar-le-Duc	Engraved Gem	2nd century AD	101	200	France	Naix-Aux-Forges		Chalcedony
5,844	Bologna 1987	167 (inv. Gl. 149)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Chalcedony
5,845	Bologna 1987	188 (inv. Gl. 210)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Chalcedony
5,846	Guiraud 1988/2008	291	Private Collection	Ring	2nd century AD	101	200	France	Templeux-La-Fosse	Gold	Chalcedony
5,847	RMO online	GS-00886	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Chalcedony
5,848	AG Munich	2448	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,849	AG Munich	2450	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,850	AG Munich	2451	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,851	AG Munich	2467	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,852	AG Munich	2550	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony

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5,853	AG Munich	2565	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,854	AG Munich	2566	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,855	AG Munich	2712	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,856	AG Munich	2827	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Chalcedony
5,857	Aquileia 1966	9 (inv. 25412)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Chalcedony
5,858	Hague 1978	528	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy	Rome		Chrysoprase
5,859	Marshman 2016	139.03	Yorkshire Museum, York	Engraved Gem	2nd century AD	101	200	Britain	York, Church Street Sewer		Chalcedony
5,860	Hague 1978	529	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy	Rome		Chrysoprase
5,861	RMO online	GS-00675	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Chalcedony
5,862	Hague 1978	531	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy	Rome		Chrysoprase
5,863	AGD Hannover	1121	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Garnet
5,864	AG Vienna	1732	Kunsthistorisches Museum Wien	Engraved Gem	4th - 6th century AD	301	600				Sapphire
5,865	Hague 1978	533	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy	Rome		Chrysoprase
5,866	Aquileia 1996	34 (inv. 1270/341)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd century AD	175	200				Chalcedony
5,867	Bologna 1987	160 (inv. Gl. 35)	Museo Civico Archeologico di Bologna	Engraved Gem	late 2nd - 3rd century AD	175	300				Chalcedony
5,868	Hague 1978	534	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy	Rome		Chrysoprase
5,869	Marshman 2016	107.19	Museum of Gloucester	Ring	late 2nd century AD	175	200	Britain	Wickwar	Silver & Gold	Chalcedony
5,870	Berlin 2007	144	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Chalcedony
5,871	Hague 1978	535	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Italy	Rome		Chrysoprase
5,872	Bologna 1987	181 (inv. Gl. 106)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,873	Thorvaldsens online	i1654	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Chalcedony
5,874	Thorvaldsens online	i1590	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,875	Thorvaldsens online	i623	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,876	Thorvaldsens online	i677	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,877	Thorvaldsens online	i713	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,878	Thorvaldsens online	i637	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,879	Thorvaldsens online	i1612	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,880	Thorvaldsens online	i1662	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,881	Thorvaldsens online	i1663	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
5,882	Aquileia 1966	13 (inv. 25427)	The National Archaeological Museum of Aquileia	Engraved Gem	3rd century AD	201	300	Italy	Aquileia		Chalcedony
5,883	Éauze 1996	12.6A	Archaeological Museum / The Treasure of Eauze	Engraved Gem	3rd century AD	201	300	France	Éauze		Chalcedony
5,884	Hague 1978	686	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,885	Hague 1978	697	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Amethyst
5,886	Hague 1978	775	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,887	Hague 1978	800	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,888	Hague 1978	806	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,889	Hague 1978	807	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,890	Hague 1978	809	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Amethyst
5,891	Hague 1978	566	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Amethyst
5,892	Hague 1978	568	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Emerald
5,893	Hague 1978	569	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,894	Hague 1978	574	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Amethyst
5,895	Hague 1978	630	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
5,896	Hague 1978	632	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Amethyst
5,897	Hague 1978	668	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Amethyst

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5,898	Hague 1978	671	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,899	Hague 1978	675	Royal Coin Cabinet, The Hague	Engraved Gem	2nd century AD	100	200				Chrysoprase
5,900	Hague 1978	679	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Amethyst
5,901	Hague 1978	682	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,902	Hague 1978	683	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,903	Hague 1978	684	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,904	Hague 1978	685	Royal Coin Cabinet, The Hague	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
5,905	Hague 1978	478	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Iran			Chrysoprase
5,906	Hague 1978	479	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Iran			Chrysoprase
5,907	AG Vienna	1372	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300				Lapis Lazuli
5,908	Hague 1978	480	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Iran			Chrysoprase
5,909	Guiraud 1988/2008	81.6.292	Musée Archéologique, Rouen	Earring	3rd century AD	201	300	France	Eure; Haye-Malherbe (La)	Gold	Chalcedony
5,910	Guiraud 1988/2008	365	Musée Rieckotter	Engraved Gem	3rd century AD	201	300	France	Néris-Les-Bains		Chalcedony
5,911	AGD Berlin	546	Staatliche Museen zu Berlin	Engraved Gem	first quarter of the 3rd century AD	201	225				Chalcedony
5,912	AG Munich	2454	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,913	AG Munich	2455	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,914	AG Munich	2456	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,915	AG Munich	2494	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,916	AG Munich	2536	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,917	AG Munich	2539	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,918	AG Munich	2541	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,919	AG Munich	2579	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,920	AG Munich	2607	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,921	AG Munich	2638	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,922	AG Munich	2789	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Chalcedony
5,923	AGD Berlin	535	Staatliche Museen zu Berlin	Engraved Gem	late 3rd century AD	275	300				Agate
5,924	Hague 1978	482	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Iran			Chrysoprase
5,925	Naples 1994	213 (inv. 26087/249)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	AD 238	238	238				Chalcedony
5,926	AG Vienna	2536	Kunsthistorisches Museum Wien	Engraved Gem	late 1st century BC	-10	-1	Italy	Rome		Lapis Lazuli
5,927	Hague 1978	477	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Iran			Chrysoprase
5,928	BM Online	1981,0201.41	British Museum	Engraved Gem	AD 193 - 235	193	235	Britain	Thetford		Carnelian
5,929	CHRE	4717	Private Collection	Engraved Gem	late 3rd - 4th century AD	275	400	Tunisia	Carthage I Hill Of St Louis		Chalcedony
5,930	Hague 1978	475	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100	Britain	Thetford		Chrysoprase
5,931	Hague 1978	469	Royal Coin Cabinet, The Hague	Engraved Gem	25 - 1 BC	-25	-1	Britain	Thetford		Chrysoprase
5,932	Éauze 1996	13A	Archaeological Museum / The Treasure of Eauze	Bead	3rd century AD	201	300	France	Éauze		Chalcedony
5,933	Carnuntum 2005	2	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Chalcedony
5,934	Carnuntum 2005	3	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Chalcedony
5,935	Carnuntum 2005	7	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Chalcedony
5,936	Carnuntum 2005	301	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Chalcedony
5,937	Carnuntum 2005	12	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chalcedony
5,938	Carnuntum 2005	545	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chalcedony
5,939	Carnuntum 2005	918	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chalcedony
5,940	Carnuntum 2005	13	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,941	Carnuntum 2005	17	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,942	Carnuntum 2005	59	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony

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5,943	Carnuntum 2005	533	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,944	Carnuntum 2005	329a	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chalcedony
5,945	Carnuntum 2005	1022	Private Collection	Engraved Gem	2nd-4th century AD	101	400	Austria	Carnuntum		Chalcedony
5,946	Carnuntum 2005	36	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,947	Carnuntum 2005	93	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,948	Carnuntum 2005	94	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,949	Carnuntum 2005	476	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,950	Carnuntum 2005	816	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,951	Carnuntum 2005	1031	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,952	Carnuntum 2005	1043	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,953	Carnuntum 2005	17a	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chalcedony
5,954	Carnuntum 2005	26	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Chalcedony
5,955	Carnuntum 2005	859	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Chalcedony
5,956	AG Munich	520	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Chalcedony
5,957	AG Munich	771	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Chalcedony
5,958	AG Munich	807	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Chalcedony
5,959	AG Munich	808	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Chalcedony
5,960	AG Munich	813	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Chalcedony
5,961	AG Munich	796	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Chalcedony
5,962	Ashmolean Online	AN1890.247	Ashmolean Museum	Engraved Gem	1st - 2nd century AD	1	200				Jasper
5,963	Getty Online	82.AN.162.23	J. Paul Getty Museum	Engraved Gem	late 2nd - early 1st century BC	-125	-75	Italy			Chalcedony
5,964	Getty Online	82.AN.162.58	J. Paul Getty Museum	Engraved Gem	2nd - 3rd century AD	101	300				Chalcedony
5,965	Getty Online	82.AN.162.41	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Chalcedony
5,966	Hague 1978	195	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Carnelian
5,967	AG Munich	615	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,968	AG Munich	897	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,969	AG Munich	890	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,970	AG Munich	770	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-100	-1				Chalcedony
5,971	AG Munich	986	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,972	AG Munich	987	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,973	AG Munich	1007	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,974	AG Munich	1008	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,975	AG Munich	1011	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,976	AG Munich	2268	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Chalcedony
5,977	AG Munich	2290	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
5,978	Hague 1978	196	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Carnelian
5,979	Getty Online	84.AN.1.86	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Chalcedony
5,980	Getty Online	84.AN.1.73	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Chalcedony
5,981	Bologna 1987	162 (inv. Gl. 153)	Museo Civico Archeologico di Bologna	Engraved Gem	late 2nd - 3rd century AD	175	300				Chalcedony
5,982	Getty Online	79.AN.8.1	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
5,983	Carnuntum 2005	19	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
5,984	Carnuntum 2005	60	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
5,985	Carnuntum 2005	767	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
5,986	Carnuntum 2005	61	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
5,987	Carnuntum 2005	314	Kunsthistorisches Museum Wien	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Chrysoprase
5,988	Carnuntum 2005	1300	Museum Carnuntinum	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Chrysoprase
5,989	Carnuntum 2005	55	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Chrysoprase
5,990	Carnuntum 2005	10	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
5,991	Carnuntum 2005	242	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase

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5,992	Carnuntum 2005	339	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
5,993	Carnuntum 2005	504	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
5,994	Carnuntum 2005	1039	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
5,995	Carnuntum 2005	89	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
5,996	Carnuntum 2005	171	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
5,997	Carnuntum 2005	328	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
5,998	Carnuntum 2005	340	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
5,999	Carnuntum 2005	834	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,000	Carnuntum 2005	383	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,001	Carnuntum 2005	905	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,002	Carnuntum 2005	809	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
6,003	Carnuntum 2005	215	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,004	Carnuntum 2005	635	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,005	Carnuntum 2005	1067	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,006	Carnuntum 2005	95	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,007	Carnuntum 2005	193	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,008	Carnuntum 2005	243	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,009	Carnuntum 2005	352	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,010	Ashmolean Online	AN1892.1446	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Chrysoprase
6,011	Wright 2001	14	Wright Collection	Engraved Gem	1st century BC	-100	-1	Turkey	Istambul		Chrysoprase
6,012	Guiraud 1988/2008	57	Dépôt, Mandeure	Engraved Gem	1st century BC - 1st century AD	-100	100	France	Mandeure		Chrysoprase
6,013	Guiraud 1988/2008	666	Musée Archéologique, Dijon	Engraved Gem	1st century BC - 1st century AD	-100	100	France	Mont Beuvray		Chrysoprase
6,014	Naples 1994	73 (inv. 25938/105)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Chrysoprase
6,015	Naples 1994	138 (inv. 25926/93)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Chrysoprase
6,016	Marshman 2016	65.00	The Novium Museum, Chichester	Engraved Gem	1st century BC - 1st century AD	-100	100	Britain	Chichester, Chapel Street		Chrysoprase
6,017	Hague 1978	538	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
6,018	Naples 1983	100 (inv. 111783)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Chrysoprase
6,019	Wright 2001	36	Wright Collection	Engraved Gem	early 1st century BC - 1st century AD	-75	100	Croatia	Zagreb		Chrysoprase
6,020	AG Vienna	1852	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Chrysoprase
6,021	AG Vienna	1878	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Chrysoprase
6,022	Getty Online	84.AN.1.57	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Chalcedony
6,023	Guiraud 1988/2008	364	Musée Archéologique, Nimes	Ring	mid 1st century BC - mid 1st century AD	-50	50	France	Nimes	Gold	Chrysoprase
6,024	Aquileia 1966	70 (inv. 26139)	The National Archaeological Museum of Aquileia	Engraved Gem	43 BC - AD 18	-43	18	Italy	Aquileia		Chrysoprase
6,025	Aquileia 1966	750 (inv. 25498)	The National Archaeological Museum of Aquileia	Engraved Gem	43 BC - AD 18	-43	18	Italy	Aquileia		Chrysoprase
6,026	Marshman 2016	89.23	English Heritage Store, Atcham	Engraved Gem	43 BC - AD 18	-43	18	Britain	Wroxeter, Bath Basilica		Chrysoprase

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6,027	Marshman 2016	24.00	York Minister Collection	Engraved Gem	43 BC - AD 18	-43	18	Britain	York, Minister Site (Principia)		Chrysoprase
6,028	Aquileia 1996	84 (inv. 1251/97)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century BC - 1st century AD	-25	100				Chrysoprase
6,029	Guiraud 1988/2008	90	Staatliche Museen, Berlin-Ouest	Engraved Gem	late 1st century BC	-25	-1	France	Reims		Chrysoprase
6,030	Aquileia 1966	835 (inv. 25501)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st century BC - early 1st century AD	-25	25	Italy	Aquileia		Chrysoprase
6,031	Bologna 1987	58 (inv. Gl. 85)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century BC - early 1st century AD	-25	25				Chrysoprase
6,032	Getty Online	80.AN.43.3	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
6,033	Guiraud 1988/2008	647	Musée Archéologique, Dijon	Engraved Gem	1st - 2nd century AD	1	200	France	Mont Beuvray		Chrysoprase
6,034	Guiraud 1988/2008	93	Musée Archéologique, Rouen	Engraved Gem	1st - 2nd century AD	1	200	France	Rouen		Chrysoprase
6,035	Guiraud 1988/2008	550	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	1st - 2nd century AD	1	200	France	Lyon		Chrysoprase
6,036	Wright 2001	13	Wright Collection	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
6,037	Wright 2001	23	Wright Collection	Engraved Gem	1st - 2nd century AD	1	200	Syria	Antioch		Chrysoprase
6,038	Guiraud 1988/2008	906	Musée Alise-Sainte-Reine	Engraved Gem	1st - 3rd century AD	1	300	France	Alésia		Chrysoprase
6,039	Fitzwilliam 1994	223	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
6,040	Getty Online	81.AN.39.2	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Chalcedony
6,041	Getty Online	83.AN.437.54	J. Paul Getty Museum	Engraved Gem	AD 100 - 250	100	250				Chalcedony (Green)
6,042	Getty Online	85.AN.370.80	J. Paul Getty Museum	Engraved Gem	AD 1 - 25	1	25			Silver	Amethyst
6,043	Getty Online	85.AN.444.2	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Chalcedony
6,044	Hendler 2016	59	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Chrysoprase
6,045	Guiraud 1988/2008	681	Musée Archéologique, Dijon	Engraved Gem	1st century AD	1	100	France	Mont Beuvray		Chrysoprase
6,046	Guiraud 1988/2008	671	Musée du Périgord	Engraved Gem	1st century AD	1	100	France	Périgueux		Chrysoprase
6,047	Guiraud 1988/2008	58	Musée Ingres, Montauban	Engraved Gem	1st century AD	1	100	France	Montauban		Chrysoprase
6,048	Guiraud 1988/2008	546	Musée, Alise-Sainte-Reine	Engraved Gem	1st century AD	1	100	France	Alésia		Chrysoprase
6,049	Vesuvius 1997	117 (inv. 39593)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem	1st century AD	1	100	Italy	Pompeii		Chrysoprase
6,050	Pinarius 1975	14 (inv. 158770)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century AD	1	100	Italy	Pompeii		Chrysoprase
6,051	Bologna 1987	80 (inv. Gl. 248)	Museo Civico Archeologico di Bologna	Engraved Gem	1st century AD	1	100				Chrysoprase
6,052	Fitzwilliam 1994	287	Fitzwilliam Museum	Engraved Gem	2nd century AD	101	200	Greece	Athens		Onyx (Nicolo)
6,053	Guiraud 1988/2008	453	Palais des Archevêques de Narbonne	Engraved Gem	1st century AD	1	100	France	Hérault		Chrysoprase
6,054	Guzzo 2003	IV.51	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Chrysoprase
6,055	Hague 1978	249	Royal Coin Cabinet, The Hague	Engraved Gem	25 - 1 BC	-25	-1				Chrysoprase
6,056	Aquileia 1966	817 (inv. 24645)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Chrysoprase
6,057	Guiraud 1988/2008	179	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	early 1st century AD	1	25	France	Lyon		Chrysoprase
6,058	Marshman 2016	84.12	Verulamium Museum	Engraved Gem	AD 18-75	18	75	Britain	Gorhambury		Chrysoprase
6,059	Marshman 2016	23.07	Museum of Gloucester	Engraved Gem	mid 1st - 2nd century AD	50	200	Britain	Gloucester New Market Hall		Chrysoprase
6,060	Marshman 2016	106.00	Fishbourne Site Museum	Ring	Mid 1st century AD	50	75	Britain	Fishbourne	Gold	Chrysoprase
6,061	Marshman 2016	26.06	Warwickshire County Museum	Ring	Mid 1st century AD	50	75	Britain	Dunton, Nr Curdworth	Gold	Chrysoprase
6,062	Guiraud 1988/2008	306	Dépôt de fouilles, Mâlain	Engraved Gem	late 1st century AD	75	100	France	Mâlain		Chrysoprase
6,063	Bologna 1987	95 (inv. Gl. 79)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st - early 2nd century AD	75	125				Chrysoprase
6,064	Marshman 2016	16.590	Chester Archaelogical Society	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chester		Chrysoprase
6,065	Marshman 2016	31.03	Colchester Castle Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Colchester High Street		Chrysoprase

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6,066	Marshman 2016	8.21	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Chrysoprase
6,067	Marshman 2016	14.67	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Chrysoprase
6,068	Marshman 2016	16.50	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Chrysoprase
6,069	Marshman 2016	16.54	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Chrysoprase
6,070	Marshman 2016	16.55	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Chrysoprase
6,071	Marshman 2016	47.01	Colchester Castle Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Colchester High Street		Chrysoprase
6,072	Marshman 2016	61.00	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Beauport Park		Chrysoprase
6,073	Marshman 2016	135.06	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon	Prase	Chrysoprase
6,074	Marshman 2016	81.02	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Chrysoprase
6,075	Marshman 2016	85.02	Ribshester Roman Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Ribshester	Gold	Chrysoprase
6,076	Marshman 2016	84.13	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Chrysoprase
6,077	Bologna 1987	101 (inv. Gl. 204)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century AD	75	100				Chrysoprase
6,078	Getty Online	83.AM.228.3	J. Paul Getty Museum	Ring	AD 379 - 395	379	395			Gold	Carnelian
6,079	Marshman 2016	14.65	Museum of Gravesend Historical Society	Engraved Gem	late 1st century AD	75	100	Britain	Springhead		Chrysoprase
6,080	Marshman 2016	14.64	Private Collection	Engraved Gem	late 1st century AD	75	100	Britain	Canterbury		Chrysoprase
6,081	Marshman 2016	120.07	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Chrysoprase
6,082	Marshman 2016	34.02	Newport Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerwent		Chrysoprase
6,083	Marshman 2016	14.01	Painted House Museum, Dover	Engraved Gem	late 1st century AD	75	100	Britain	Richborough		Chrysoprase
6,084	Marshman 2016	120.00	University of Reading	Engraved Gem	late 1st century AD	75	100	Britain	Silchester, Insula		Chrysoprase
6,085	Marshman 2016	34.00	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Chrysoprase
6,086	Marshman 2016	30.03	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Newstead		Chrysoprase
6,087	Bologna 1987	205 (inv. Gl. 237)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Chrysoprase
6,088	Xanten 1987/1994	158	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Chrysoprase
6,089	Xanten 1987/1994	159	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Chrysoprase
6,090	Marshman 2016	49.16	Camarthean County Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Llandovery	Gold	Chrysoprase
6,091	Marshman 2016	104.07	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Chrysoprase
6,092	Guiraud 1988/2008	156	Musée Archéologique, Bavay	Engraved Gem	2nd century AD	101	200	France	Bavay		Chrysoprase
6,093	Bologna 1987	176 (inv. Gl. 247)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Chrysoprase
6,094	Bologna 1987	184 (inv. Gl. 107)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Chrysoprase
6,095	Bologna 1987	190 (inv. Gl. 254)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Chrysoprase
6,096	Bologna 1987	196 (inv. Gl. 328)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Chrysoprase
6,097	Bologna 1987	152 (inv. Ori 113)	Museo Civico Archeologico di Bologna	Ring	2nd century AD	101	200			Gold	Chrysoprase
6,098	Carnuntum 2005	1298	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Chrysoprase

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6,099	Guiraud 1988/2008	99	Private Collection	Engraved Gem	2nd century AD	101	200	France	Izernore		Chrysoprase
6,100	Hendler 2016	91	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Chrysoprase
6,101	Marshman 2016	120.16	National Roman Legion Museum, Caerleon	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Caerleon		Chrysoprase
6,102	Marshman 2016	100.21	Richborough Site Museum	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Richborough		Chrysoprase
6,103	Marshman 2016	13.10	Reading Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Silchester		Chrysoprase
6,104	Marshman 2016	4.20	Reading Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Silchester		Chrysoprase
6,105	AGD Berlin	516	Staatliche Museen zu Berlin	Engraved Gem	early 2nd century - 1st quarter of the 4th century AD	101	325				Chrysoprase
6,106	Marshman 2016	126.04	Colchester Castle Museum	Engraved Gem	3rd century AD	201	300	Britain	Colchester High Street		Chrysoprase
6,107	Guiraud 1988/2008	142	Musée Rolin, Autun, Autun	Engraved Gem	3rd century AD	201	300	France	Autun		Chrysoprase
6,108	Fitzwilliam 1994	157	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
6,109	Hague 1978	468	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Chrysoprase
6,110	Carnuntum 2005	588	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
6,111	Carnuntum 2005	769	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Chrysoprase
6,112	Carnuntum 2005	827	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
6,113	Carnuntum 2005	844	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
6,114	Carnuntum 2005	995	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
6,115	Carnuntum 2005	242a	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Chrysoprase
6,116	Carnuntum 2005	88	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,117	Carnuntum 2005	91	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,118	Carnuntum 2005	343	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,119	Carnuntum 2005	757	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,120	Carnuntum 2005	772	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Chrysoprase
6,121	Carnuntum 2005	585	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,122	Carnuntum 2005	1021	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Chrysoprase
6,123	Carnuntum 2005	1299	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Chrysoprase
6,124	Carnuntum 2005	1301	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Chrysoprase
6,125	BM online	1917,0501.407	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
6,126	BM online	1917,0501.392	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
6,127	BM online	1917,0501.790	British Museum	Ring	3rd century AD	201	300			Gold	Diamond
6,128	BM online	1917,0501.789	British Museum	Ring	3rd century AD	201	300			Gold	Diamond
6,129	BM online	1926,0407.24	British Museum	Ring	3rd century AD	201	300			Gold	Diamond
6,130	BM online	1872,0604.197	British Museum	Ring	3rd century AD	201	300			Gold	Diamond
6,131	BM online	1917,0501.785	British Museum	Ring	3rd century AD	201	300	Syria		Gold	Diamond
6,132	BM online	1872,0604.20	British Museum	Ring	3rd century AD	201	300			Gold	Diamond
6,133	Met Online	L.2015.73.4	Metropolitan Museum of Art, New York	Ring	mid 3rd - early 4th century AD	250	325			Gold	Diamond
6,134	BM online	1901.0225.2	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
6,135	BM online	1917,0501.778	British Museum	Ring	3rd century AD	201	300	Syria	Tartus	Gold	Diamond, Garnet, Sapphire
6,136	BM online	1872,0604.332	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Emerald
6,137	BM online	1772,0314.56	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Emerald
6,138	BM online	1872,0604.333	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Emerald
6,139	Penn Online	29-128-1047	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st century BC - 4th century AD	-100	400	Greece			Emerald
6,140	Walters Online	57.1552	Walters Art Museum	Earring	2nd century AD	101	200			Gold	Garnet, Pearl

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6,141	BM online	1867,0508.442	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Emerald
6,142	Penn Online	29-128-892	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st century BC - 1st century AD	-100	100	Syria	Tartus		Emerald
6,143	AGD Berlin	560	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200			Gold	Emerald
6,144	AGD Hannover	731	Museum August Kestner-Hannover	Engraved Gem	second half of the 1st century BC - 1st century AD	-50	100				Garnet
6,145	RMO online	GS-00315	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 1st century BC	-50	-1				Emerald
6,146	MFA online	1981.288	Museum of Fine Arts, Boston	Bracelet	1st century BC - 1st century AD	-100	100	Egypt		Gold	Emerald
6,147	MFA online	1981.287	Museum of Fine Arts, Boston	Bracelet	1st century BC - 1st century AD	-100	100	Egypt		Gold	Emerald
6,148	Thorvaldsens online	i188	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Emerald
6,149	Thorvaldsens online	i360	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Emerald
6,150	Thorvaldsens online	i256	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Emerald
6,151	BM online	1980,0201.115	British Museum	Earring	2nd century AD	101	200			Gold	Emerald
6,152	BM online	1886,0401.1714	British Museum	Bead	30 BC - AD 300	-30	300				Emerald
6,153	Met Online	25.78.90	Metropolitan Museum of Art, New York	Engraved Gem	AD 200 - 210	200	210				Emerald
6,154	Met Online	23.2.40	Metropolitan Museum of Art, New York	Ring	2nd century AD	101	200			Gold	Emerald
6,155	Met Online	21.29.2	Metropolitan Museum of Art, New York	Necklace	1st - 2nd century AD	1	200			Gold	Emerald
6,156	BM online	JE33552	British Museum	Bead	30 BC - AD 300	-30	300				Emerald
6,157	BM online	1877,0910.26	British Museum	Ring	1st - 3rd century AD	1	300			Gold	Emerald
6,158	BM online	2510	British Museum	Bead	30 BC - AD 250	-30	250				Emerald
6,159	BM online	1980,0201.123	British Museum	Necklace	1st - 3rd century AD	1	300			Gold	Emerald
6,160	BM online	1917,0501.80	British Museum	Ring	3rd century AD	201	300			Gold	Sapphire
6,161	Penn Online	29-128-2059	The University of Pennsylvania Museum of Archaeology and Anthropology	Ring	1st - 3rd century AD	1	300			Silver	Emerald
6,162	V&A online	8753-1863	Victoria & Albert Museum	Earring	AD 200 - 300	200	300			Gold	Garnet, Pearl
6,163	Hague 1978	148	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
6,164	Hague 1978	150	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
6,165	Hague 1978	151	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
6,166	BM online	2508	British Museum	Bead	30 BC - AD 300	-30	300	Egypt	Naukratis		Emerald
6,167	BM online	1867,0508.478	British Museum	Bracelet	1st century AD	1	100			Gold	Emerald
6,168	BM online	1856,1226.1405	British Museum	Earring	1st century AD	1	100	Italy	Naples	Gold	Emerald
6,169	Getty Online	82.AN.162.39	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Emerald
6,170	BM online	1814,0704.1516a	British Museum	Engraved Gem	1st - 2nd century AD	1	200			Gold	Emerald
6,171	AG Vienna	206	Kunsthistorisches Museum Wien	Engraved Gem	mid 1st century AD	-75	-25	Italy	Oplontis		Amethyst
6,172	Pompeii 1987	8	Museo Archaeologico Nazionale di Napoli (MANN)	Necklace	1st century AD	1	100	Italy	Oplontis	Gold	Emerald
6,173	Pompeii 1987	9	Museo Archaeologico Nazionale di Napoli (MANN)	Necklace	1st century AD	1	100	Italy	Oplontis	Gold	Emerald
6,174	Pompeii 1987	14	Museo Archaeologico Nazionale di Napoli (MANN)	Pendant	1st century AD	1	100	Italy	Oplontis	Gold	Emerald
6,175	Pompeii 1987	23	Museo Archaeologico Nazionale di Napoli (MANN)	Bracelet	1st century AD	1	100	Italy	Oplontis	Gold	Emerald
6,176	Pompeii 1987	24	Museo Archaeologico Nazionale di Napoli (MANN)	Bracelet	1st century AD	1	100	Italy	Oplontis	Gold	Emerald
6,177	Pompeii 1987	50	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Emerald
6,178	Guzzo 2003	IV.54	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Emerald
6,179	Guzzo 2003	IV.89	Museo Archaeologico Nazionale di Napoli (MANN)	Necklace	1st century AD	1	100	Italy	Pompeii	Gold	Emerald

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6,180	Guzzo 2003	IV.322	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Emerald
6,181	MFA online	69.1211	Museum of Fine Arts, Boston	Engraved Gem	AD 100 - 300	1	300				Amethyst
6,182	CHRE	9701	Private Collection	Ring	1st Century AD	1	100	Italy	Pompeii Via Di Mercurio E	Gold	Emerald
6,183	Guzzo 2003	I.112	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Emerald
6,184	Guzzo 2003	IV.26	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Emerald
6,185	Guzzo 2003	IV.504	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Emerald
6,186	Guzzo 2003	IV.53	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Emerald
6,187	AGD Berlin	559	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Emerald
6,188	Guzzo 2003	III.1	Museo Archeologico Territoriale di Terzigno	Necklace	early - mid 1st century AD	1	50	Italy	Terzigno	Gold	Emerald
6,189	CHRE	9701	Private Collection	Ring	1st century AD	1	100	Italy	Pompeii Via Di Mercurio E	Gold	Emerald
6,190	BM online	1814,0704.1366	British Museum	Ring	1st - 3rd century AD	1	300			Gold	Garnet
6,191	Guzzo 2003	I.65	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	AD 37 - 100	37	100	Italy	Herculaneum	Gold	Emerald
6,192	CHRE	14756	Colchester Castle Museum	Ring	AD 41 - 54	41	54	Britain	Colchester High Street	Gold	Emerald
6,193	CHRE	14756	Colchester Castle Museum	Ring	AD 41 - 54	41	54	Britain	Colchester High Street	Gold	Emerald
6,194	CHRE	14756	Colchester Castle Museum	Ring	AD 41 - 54	41	54	Britain	Colchester High Street	Gold	Emerald
6,195	CHRE	2910	Private Collection	Necklace	AD 69 - 315	69	315	France	Beaurains	Gold	Emerald
6,196	CHRE	6283	Private Collection	Necklace	AD 98 - 253	98	253	France	Saint-Paul-De-Varax	Gold	Emerald
6,197	AG Vienna	2028	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Amethyst
6,198	BM online	1814,0704.1203	British Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Emerald
6,199	BM online	1917,0601.2730	British Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Emerald
6,200	BM online	1872,0604.669	British Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Emerald
6,201	BM online	1917,0501.844	British Museum	Necklace	3rd century AD	201	300			Gold	Garnet
6,202	Marshman 2016	25.16	Museum of London	Ring	late 1st - 2nd century AD	75	200	Britain	London Thames Foreshore	Gold	Emerald
6,203	BM online	1772,0314.87	British Museum	Earring	2nd century AD	101	200			Gold	Emerald
6,204	BM online	1856,0425.3	British Museum	Ring	3rd - 4th century AD	201	400			Gold	Emerald
6,205	Met Online	40.9.11	Metropolitan Museum of Art, New York	Necklace	2nd century AD	101	200	Egypt		Gold	Emerald
6,206	BM online	1917,0601.2680	British Museum	Earring	1st - 2nd century AD	1	200			Gold	Emerald
6,207	Ashmolean Online	ANFortnum.FR.210	Ashmolean Museum	Ring	3rd - 5th century AD	201	500			Gold	Emerald
6,208	CHRE	2875	Private Collection	Necklace	AD 138 - 255	138	255	Hungary	Balozsameggyes	Gold	Emerald
6,209	CHRE	2875	Private Collection	Earring	AD 138 - 255	138	255	Hungary	Balozsameggyes	Gold	Emerald
6,210	CHRE	5785	Private Collection	Earring	AD 160 - 168	160	168	France	Montaure	Gold	Emerald
6,211	CHRE	3813	Private Collection	Earring	AD 161 - 268	161	268	France	Mons-Boubert	Gold	Emerald
6,212	Hendler 2016	254	Hendler Collection	Blank Gem	2nd - mid 4th century AD	201	350	Israel	Caesarea		Emerald
6,213	Hendler 2016	255	Hendler Collection	Blank Gem	2nd - mid 4th century AD	201	350	Israel	Caesarea		Emerald
6,214	BM online	1981,0201.5	British Museum	Ring	4th century AD	301	400	Britain	Thetford	Gold	Amethyst, Emerald, Garnet
6,215	V&A online	8802-1863	Victoria & Albert Museum	Brooch	1st - 4th century AD	1	400			Gold	Emerald
6,216	Berlin 2007	465	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Emerald

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6,217	Hendler 2016	253	Hendler Collection	Blank Gem	late 2nd - early 4th century AD	175	325	Israel	Caesarea		Emerald
6,218	Berlin 1975	Tafel 59. 31-32	Staatliche Museen zu Berlin	Ring	3rd-4th century AD	201	400			Gold	Emerald
6,219	Berlin 1975	Tafel 50. 2	Staatliche Museen zu Berlin	Earring	3rd century AD	201	300			Gold	Emerald
6,220	BM online	1981,0905.10	British Museum	Earring	1st century AD	1	100			Gold	Garnet
6,221	BM online	1865,0712.198	British Museum	Engraved Gem	1st 3rd century AD	1	300				Emerald
6,222	BM online	1907,0520.29	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Garnet
6,223	Éauze 1996	1A	Archaeological Museum / The Treasure of Eauze	Necklace	3rd century AD	201	300	France	Éauze	Gold	Emerald
6,224	Éauze 1996	2A	Archaeological Museum / The Treasure of Eauze	Necklace	3rd century AD	201	300	France	Éauze	Gold	Emerald
6,225	Éauze 1996	12.1A	Archaeological Museum / The Treasure of Eauze	Bead	3rd century AD	201	300	France	Éauze		Emerald
6,226	Éauze 1996	4B	Archaeological Museum / The Treasure of Eauze	Earring	3rd century AD	201	300	France	Éauze	Gold	Emerald
6,227	Éauze 1996	1D	Archaeological Museum / The Treasure of Eauze	Ring	3rd century AD	201	300	France	Éauze	Gold	Emerald
6,228	Hague 1978	152	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
6,229	BM online	1924,0514.11	British Museum	Necklace	3rd century AD	201	300	France	Beaurains	Gold	Emerald
6,230	BM online	1924,0514.12	British Museum	Necklace	3rd century AD	201	300	France	Beaurains	Gold	Emerald
6,231	Met Online	57.17	Metropolitan Museum of Art, New York	Engraved Gem	1st - 2nd century AD	1	200				Emerald
6,232	Met Online	20.239	Metropolitan Museum of Art, New York	Necklace	3rd century AD	201	300			Gold	Emerald
6,233	Met Online	1995.539.10a	Metropolitan Museum of Art, New York	Earring	2nd - 1st century AD	-200	-1			Gold	Emerald
6,234	CHRE	8609	Private Collection	Brooch	AD 222 - 249	222	249	France	Optevoz	Gold	Emerald
6,235	Penn Online	17276	The University of Pennsylvania Museum of Archaeology and Anthropology	Ring	AD 235 - 238	235	238			Gold	Emerald
6,236	CHRE	3493	Private Collection	Necklace	AD 238 - 259	238	259	France	Vaise	Gold	Emerald
6,237	CHRE	3403	Private Collection	Necklace	AD 254 - 256	254	256	Hungary	Rábakovácsi	Gold	Emerald
6,238	CHRE	3403	Private Collection	Necklace	AD 254 - 256	254	256	Hungary	Rábakovácsi	Gold	Emerald
6,239	CHRE	6317	Private Collection	Earring	AD 268 - 318	268	318	France	Lyon	Gold	Emerald
6,240	CHRE	6317	Private Collection	Earring	AD 268 - 318	268	318	France	Lyon	Gold	Emerald
6,241	BM online	1917,0501.485	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
6,242	BM online	1917,0501.423	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
6,243	BM online	1872,0604.174	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Garnet
6,244	Hermitage Online	21454	Hermitage Museum	Engraved Gem	1st century BC	1	100				Amethyst
6,245	Ashmolean Online	ANFortnum.FR.210	Ashmolean Museum	Ring	3rd - 5th century AD	201	500			Gold	Emerald
6,246	CHRE	4744	Private Collection	Ring	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Emerald
6,247	CHRE	4744	Private Collection	Ring	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Emerald
6,248	CHRE	4744	Private Collection	Ring	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Emerald
6,249	CHRE	2910	Private Collection	Necklace	AD 69 - 315	69	315	France	Beaurains	Gold	Emerald
6,250	BM online	1862,0729.4	British Museum	Ring	3rd century AD	201	300			Gold	Emerald Sapphire
6,251	V&A online	501-1871	Victoria & Albert Museum	Ring	3rd century AD	201	300			Gold	Emerald Sapphire
6,252	BM online	1884,0614.7	British Museum	Earring	early - mid 1st century BC	-100	-50	Syria		Gold	Emerald, Garnet, Pearl
6,253	Hague 1978	153	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
6,254	CHRE	3493	Private Collection	Earring	AD 238 - 259	238	259	France	Vaise	Gold	Emerald, Garnet, Pearl
6,255	Walters Online	57.1675	Walters Art Museum	Earring	3rd century AD	201	300			Gold	Garnet, Pearl
6,256	Getty Online	83.AM.228	J. Paul Getty Museum	Ring	AD 250 - 400	250	400			Gold	Pearl

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
6,257	Guzzo 2003	IV.524	Soprintendenza Archeologica di Pompei	Necklace	1st century AD	1	100	Italy	Pompeii	Gold	Emerald, Pearl
6,258	BM online	AF.323	British Museum	Necklace	4th century AD	301	400			Gold	Emerald, Pearl, Sapphire
6,259	Walters Online	42.1008	Walters Art Museum	Ring	4th century AD	301	400			Gold	Sapphire
6,260	Éauze 1996	4A	Archaeological Museum / The Treasure of Eauze	Necklace	3rd century AD	201	300	France	Éauze	Gold	Emerald, Sapphire, Pearl
6,261	Penn Online	29-128-2028	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st century BC - 1st century AD	-100	100				Emerald
6,262	BM online	1879,0115.4	British Museum	Earring	early - mid 1st century BC	-100	-50	Syria	Tortosa	Gold	Emerald, Garnet
6,263	BM online	1879,1-15.5	British Museum	Earring	early - mid 1st century BC	-100	-50	Syria	Tortosa	Gold	Emerald, Garnet
6,264	Walters Online	57.386	Walters Art Museum	Necklace	late 2nd - 1st century BC	-150	-1	Greece		Gold	Emerald, Amethyst, Chalcedony, Pearl
6,265	BM online	1924,0514.13	British Museum	Necklace	3rd century AD	201	300			Gold	Emerald, Garnet
6,266	AG Vienna	533	Kunsthistorisches Museum Wien	Engraved Gem	late 1st century BC - early 1st century AD	-10	10	Croatia	Siscia (Sisak)		Garnet
6,267	Met Online	1995.539.10b	Metropolitan Museum of Art, New York	Earring	2nd - 1st century AD	-200	-1			Gold	Emerald
6,268	Hague 1978	155	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Agate
6,269	AG Vienna	464	Kunsthistorisches Museum Wien	Engraved Gem	late 1st century BC	-10	-1				Garnet
6,270	Met Online	L.2015.72.3	Metropolitan Museum of Art, New York	Ring	4th - 5th century AD	301	500			Gold	Garnet, Sapphire
6,271	Met Online	L.2015.72.40	Metropolitan Museum of Art, New York	Ring	4th - 5th century AD	301	500			Gold	Emerald, Garnet
6,272	Getty Online	84.AN.1.53	J. Paul Getty Museum	Engraved Gem	2nd - 1st century BC	-100	-1				Garnet
6,273	Israel online	1973-940	The Israel Museum, Jerusalem	Brooch	AD 220 - 250	220	250	Israel	Nahal Raqafot, Jerusalem	Gold	Emerald, Garnet, Onyx
6,274	Penn Online	29-128-953	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Southern District, Aleppo		Emerald
6,275	Penn Online	29-128-1887	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Southern District, Aleppo		Emerald
6,276	CHRE	4717	Private Collection	Necklace	late 3rd - 4th century AD	275	400	Tunisia	Carthage I Hill Of St Louis	Gold	Emerald, Pearl, Sapphire
6,277	CHRE	4717	Private Collection	Earring	late 3rd - 4th century AD	275	400	Tunisia	Carthage I Hill Of St Louis	Gold	Emerald, Pearl, Sapphire
6,278	BM online	1862,0729.4	British Museum	Ring	3rd century AD	201	300	Britain		Gold	Emerald, Sapphire
6,279	BM online	OA.789	British Museum	Pendant	4th - 6th century AD	301	600			Gold	Emerald, Sapphire
6,280	BM online	1917,0501.859	British Museum	Ring	3rd century AD	201	300	Britain		Gold	Emerald
6,281	CHRE	2910	Private Collection	Necklace	AD 69 - 315	69	315	France	Beaurains	Gold	Emerald, Garnet
6,282	V&A online	44-1894	Victoria & Albert Museum	Earring	2nd century BC - 2nd century AD	-200	200			Gold	Emerald, Garnet, Pearl

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6,283	BM online	1904,0706.2	British Museum	Bracelet	1st century AD	1	100	Egypt	Ashmounein	Gold	Emerald, Pearl
6,284	AG Vienna	213	Kunsthistorisches Museum Wien	Engraved Gem	50 - 1 BC	-50	-1	Italy	Pompeii		Amethyst
6,285	BM online	1892,1103.120	British Museum	Engraved Gem	1st - 5th century AD	1	500			Gold	Garnet
6,286	BM online	1879,0115.5	British Museum	Earring	150 - 50 BC	101	300			Gold	Emerald, Pearl
6,287	CHRE	4928	Private Collection	Earring	AD 155 - 234	155	234	Algeria	Tazoult 1906	Silver	Emerald, Pearl
6,288	Éauze 1996	3B	Archaeological Museum / The Treasure of Eauze	Earring	3rd century AD	201	300	France	Éauze	Gold	Emerald, Pearl
6,289	Éauze 1996	5B	Archaeological Museum / The Treasure of Eauze	Earring	3rd century AD	201	300	France	Éauze	Gold	Emerald, Pearl
6,290	BM online	1872,0604.583	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Emerald, Pearl
6,291	Berlin 1975	Tafel 50. 1	Staatliche Museen zu Berlin	Earring	3rd century AD	201	300			Gold	Emerald, Pearl
6,292	CHRE	3788	Private Collection	Chain	AD 260 - 274	260	274	France	Macon I	Gold	Emerald, Pearl
6,293	Met Online	40.143	Metropolitan Museum of Art, New York	Engraved Gem	AD 208 - 209	208	209				Carnelian
6,294	CHRE	6329	Private Collection	Necklace	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Emerald, Pearl
6,295	CHRE	3409	Private Collection	Necklace	AD 222 - 248	222	228	France	Rouen	Gold And Silver	Emerald, Pearl
6,296	CHRE	8609	Private Collection	Necklace	AD 222 - 249	222	249	France	Optevoz	Gold	Emerald, Pearl
6,297	CHRE	3493	Private Collection	Earring	AD 238 - 259	238	259	France	Vaise	Gold	Emerald, Pearl
6,298	CHRE	6317	Private Collection	Necklace	AD 268 - 318	268	318	France	Lyon	Gold	Emerald, Pearl
6,299	V&A online	8733&A-1863	Victoria & Albert Museum	Earring	1st - 4th century AD	1	400			Gold	Emerald, Pearl, Sapphire
6,300	V&A online	8736&A-1863	Victoria & Albert Museum	Earring	1st - 4th century AD	1	400			Gold	Emerald, Pearl, Sapphire
6,301	BM online	1903,0717.20	British Museum	Bracelet	3rd century AD	201	300			Gold	Emerald, Pearl, Sapphire
6,302	BM online	1917,0501.798	British Museum	Ring	3rd century AD	201	300			Gold	Emerald, Pearl, Sapphire
6,303	BM online	AF.324-325	British Museum	Earring	4th century AD	301	400			Gold	Emerald, Pearl, Sapphire
6,304	Hague 1978	283	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Egypt	Xois (Sakha, Kafr El-Sheikh), Carnarvon		Garnet
6,305	MFA online	27.752	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Sardonyx
6,306	Alexandria 2009	SCA 293	Alexandria National Museum	Pendant	3rd - 1st century BC	-300	-1	Egypt	Heraklion	Gold	Garnet
6,307	AG Munich	2406	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100	Egypt	Alexandria		Garnet
6,308	Ashmolean Online	ANFortnum.FR.180	Ashmolean Museum	Ring	3rd century AD	201	300			Silver	Garnet
6,309	Ashmolean Online	ANFortnum.FR.167	Ashmolean Museum	Ring	27 BC - AD 395	-300	-1			Gold	Garnet
6,310	Ashmolean Online	AN1890.237	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Garnet

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6,311	BM online	1917,0501.72	British Museum	Ring	323 - 31 BC	-323	-31	Crete		Gold	Garnet
6,312	Met Online	10.130.1427	Metropolitan Museum of Art, New York	Ring	200 - 30 BC	-200	-30			Gold	Garnet
6,313	Met Online	21.88.84	Metropolitan Museum of Art, New York	Earring	2nd - 3rd century AD	101	300			Gold	Garnet
6,314	Hague 1978	205	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Jasper
6,315	RMO online	GS-00202	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 1st century BC	-200	-1				Garnet
6,316	AG Munich	422	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Garnet
6,317	BM online	1872,0604.550	British Museum	Earring	2nd - 1st century BC	-200	-1	Italy	Sicily	Gold	Garnet
6,318	BM online	1905,1026.3	British Museum	Earring	150 - 50 BC	-150	-50	Syria	Damascus	Gold	Garnet
6,319	BM online	1917,0501.730	British Museum	Ring	2nd century BC - 2nd century AD	-200	200	Egypt		Gold	Garnet
6,320	AGD Berlin	370	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Garnet
6,321	BM online	1917,0501.1291	British Museum	Ring	323 - 31 BC	-323	-31			Bronze	Garnet
6,322	Getty Online	78.AN.341.3	J. Paul Getty Museum	Ring	2nd century AD	101	200			Bronze	Carnelian
6,323	Getty Online	84.AN.1.64	J. Paul Getty Museum	Ring	3rd - 4th century AD	201	400			Silver	Jasper (red)
6,324	Met Online	L.201572.45	Metropolitan Museum of Art, New York	Ring	2nd–1st century BC	-200	-1			Gold	Garnet
6,325	BM online	1958,0722.40	British Museum	Earring	150 - 50 BC	-150	-50	Syria			Garnet
6,326	BM online	1958,0722.30	British Museum	Earring	150 - 50 BC	-150	-50			Gold	Garnet
6,327	BM online	1917,0601.2647	British Museum	Earring	3rd century AD	201	300			Gold	Garnet, Pearl
6,328	Walters Online	42.1445	Walters Art Museum	Engraved Gem	1st century BC - 3rd century AD	-100	300				Lapis Lazuli
6,329	Walters Online	42.109	Walters Art Museum	Ring	late 1st century BC	-25	-1			Gold	Garnet
6,330	Getty Online	83.AN.256.7	J. Paul Getty Museum	Engraved Gem	2nd - 1st century BC	-100	-1				Garnet
6,331	Walters Online	42.1342	Walters Art Museum	Engraved Gem	late 1st century BC	-25	-1			Gold	Carnelian
6,332	Ashmolean Online	AN1873.165	Ashmolean Museum	Earring	50 BC - AD 395	-50	395			Gold	Garnet
6,333	Ashmolean Online	AN1948.118	Ashmolean Museum	Earring	AD 50 - 120	50	120	Hungary		Gold	Garnet
6,334	Ashmolean Online	AN1896-1908.G.462	Ashmolean Museum	Earring	50 BC - AD 395	-50	395			Gold	Garnet
6,335	AG Munich	2826	Staatliche Antikensammlungen, Munich	Engraved Gem	4th century AD	301	400				Garnet
6,336	BM online	1872,0604.994	British Museum	Earring	3rd century AD	201	300			Gold	Garnet, Pearl
6,337	Ashmolean Online	ANOldfield.12	Ashmolean Museum	Earring	50 BC - AD 395	-50	395	Cyprus	Idalion	Gold	Garnet
6,338	Ashmolean Online	AN1890.248	Ashmolean Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Garnet
6,339	BM online	1872,0604.458	British Museum	Ring	323 - 31 BC	-323	-31			Bronze	Garnet
6,340	Getty Online	82.AN.162.88	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200				Garnet
6,341	Hermitage Online	21459	Hermitage Museum	Ring	1st century BC	-100	-1			Gold	Amethyst
6,342	Hermitage Online	21552	Hermitage Museum	Engraved Gem	1st century AD	1	100				Amethyst
6,343	AGD Berlin	360	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Garnet
6,344	Met Online	74.51.3402	Metropolitan Museum of Art, New York	Earring	2nd–1st century BC	-200	-1			Gold	Emerald, Garnet
6,345	Met Online	74.51.3401	Metropolitan Museum of Art, New York	Earring	2nd–1st century BC	-200	-1			Gold	Emerald, Garnet
6,346	Met Online	2005.278	Metropolitan Museum of Art, New York	Ring	2nd–1st century BC	-200	-1			Gold	Garnet
6,347	Met Online	11.196.3	Metropolitan Museum of Art, New York	Engraved Gem	15 BC - AD 68	-15	68				Carnelian
6,348	Guiraud 1988/2008	689	Musée Archéologique, Brenteuil-sur-Noye	Engraved Gem	1st century BC	-100	-1	France	Vendeuil-Caply		Garnet
6,349	MFA online	2.272	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
6,350	MFA online	99.368	Museum of Fine Arts, Boston	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
6,351	MFA online	99.107	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
6,352	AG Munich	622	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Garnet
6,353	AG Munich	935	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Garnet
6,354	AGD Göttingen	55	Archaologischen Institut der Universitat Göttingen	Engraved Gem	1st century AD	1	100				Emerald
6,355	AG Munich	2611	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 4th century AD	201	400				Garnet

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6,356	Hendler 2016	15	Hendler Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Israel	Caesarea		Garnet
6,357	Naples 1994	140 (inv. 26117/279)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
6,358	Naples 1994	219 (inv. 27303/1441)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
6,359	MFA online	13.244	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Garnet
6,360	Marshman 2016	81.14	Private Collection	Ring	1st century BC - 1st century AD	-100	100	Britain	London, Walbrook, Just N. Of City Wall	Gold	Garnet
6,361	AGD Berlin	449	Staatliche Museen zu Berlin	Ring	1st century BC - 1st century AD	-100	100			Gold	Garnet
6,362	AGD Berlin	508	Staatliche Museen zu Berlin	Ring	1st century BC - 1st century AD	-100	100			Gold	Garnet
6,363	AGD Hannover	831	Museum August Kestner-Hannover	Engraved Gem	late 1st century BC - 1st century AD	-10	100				Amethyst
6,364	AGD Hannover	838	Museum August Kestner-Hannover	Ring	1st century AD	1	100			Gold	Garnet
6,365	BM online	1917,0501.466	British Museum	Ring	323 - 31 BC	-323	-31				Garnet
6,366	de Clercq 1891-1912	3223	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Garnet
6,367	de Clercq 1891-1912	2887	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,368	de Clercq 1891-1912	2923	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Iraq	Baghdad		Garnet
6,369	de Clercq 1891-1912	2894	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,370	de Clercq 1891-1912	2900	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,371	de Clercq 1891-1912	2904	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,372	de Clercq 1891-1912	2922	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,373	de Clercq 1891-1912	2927	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,374	de Clercq 1891-1912	2935	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,375	de Clercq 1891-1912	2965	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,376	de Clercq 1891-1912	2941	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,377	de Clercq 1891-1912	2945	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,378	de Clercq 1891-1912	2947	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,379	de Clercq 1891-1912	2954	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,380	de Clercq 1891-1912	2958	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,381	de Clercq 1891-1912	2960	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,382	de Clercq 1891-1912	2971	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,383	de Clercq 1891-1912	2973	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,384	de Clercq 1891-1912	2979	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,385	de Clercq 1891-1912	2990	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,386	de Clercq 1891-1912	2988	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,387	de Clercq 1891-1912	2993	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,388	de Clercq 1891-1912	2991	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,389	de Clercq 1891-1912	3009	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,390	de Clercq 1891-1912	3027	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,391	de Clercq 1891-1912	3055	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,392	de Clercq 1891-1912	3029	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,393	de Clercq 1891-1912	3032	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Israel	Banias		Garnet
6,394	de Clercq 1891-1912	3033	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,395	de Clercq 1891-1912	3035	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,396	de Clercq 1891-1912	3040	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,397	de Clercq 1891-1912	3047	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,398	de Clercq 1891-1912	3051	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,399	de Clercq 1891-1912	3069	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,400	de Clercq 1891-1912	3082	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet

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6,401	de Clercq 1891-1912	3083	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,402	de Clercq 1891-1912	3088	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,403	de Clercq 1891-1912	3090	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,404	de Clercq 1891-1912	3097	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,405	de Clercq 1891-1912	3092	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,406	de Clercq 1891-1912	3095	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,407	de Clercq 1891-1912	3115	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,408	de Clercq 1891-1912	3105	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,409	de Clercq 1891-1912	3118	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,410	de Clercq 1891-1912	3156	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,411	de Clercq 1891-1912	3133	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,412	de Clercq 1891-1912	3161	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,413	de Clercq 1891-1912	3169	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,414	de Clercq 1891-1912	3167	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,415	de Clercq 1891-1912	3168	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,416	de Clercq 1891-1912	3171	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,417	de Clercq 1891-1912	3186	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,418	de Clercq 1891-1912	3181	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,419	de Clercq 1891-1912	3197	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,420	de Clercq 1891-1912	3207	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,421	de Clercq 1891-1912	3236	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,422	de Clercq 1891-1912	3209	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,423	de Clercq 1891-1912	3241	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,424	de Clercq 1891-1912	3252	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,425	de Clercq 1891-1912	3255	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,426	de Clercq 1891-1912	3293	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,427	de Clercq 1891-1912	3288	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,428	de Clercq 1891-1912	3290	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,429	de Clercq 1891-1912	3315	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,430	de Clercq 1891-1912	3317	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Garnet
6,431	de Clercq 1891-1912	3329	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,432	de Clercq 1891-1912	3328	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,433	de Clercq 1891-1912	3341	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,434	de Clercq 1891-1912	3342	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,435	de Clercq 1891-1912	3344	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,436	de Clercq 1891-1912	3351	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,437	de Clercq 1891-1912	3366	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,438	de Clercq 1891-1912	3352	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,439	de Clercq 1891-1912	3359	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,440	de Clercq 1891-1912	3362	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,441	de Clercq 1891-1912	3363	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,442	de Clercq 1891-1912	3367	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,443	de Clercq 1891-1912	3368	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,444	de Clercq 1891-1912	3379	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Garnet
6,445	de Clercq 1891-1912	3372	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Garnet
6,446	de Clercq 1891-1912	3380	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Garnet
6,447	de Clercq 1891-1912	3381	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Garnet
6,448	de Clercq 1891-1912	3383	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Garnet
6,449	Berlin 1975	Tafel 50. 13	Staatliche Museen zu Berlin	Earring	3rd century AD	201	300			Gold	Garnet

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6,450	Berlin 1975	Tafel 52. 3	Staatliche Museen zu Berlin	Earring	1st - 2nd century AD	1	201			Gold	Garnet
6,451	AGD Hannover	845	Museum August Kestner-Hannover	Engraved Gem	AD 1 - 50	1	50				Amethyst
6,452	AGD Hannover	862	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Amethyst
6,453	AGD Hannover	1090	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Garnet
6,454	AGD Hannover	1248	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Garnet
6,455	AGD Hannover	1335	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Garnet
6,456	AGD Göttingen	183	Archaologischen Institut der Universitat Göttingen	Engraved Gem	early 3rd century AD	201	225				Amethyst
6,457	Berlin 1975	Tafel 59. 13-14	Staatliche Museen zu Berlin	Ring	1st century AD	1	100			Gold	Chrysoprase
6,458	Berlin 1975	Tafel 59. 23-24	Staatliche Museen zu Berlin	Ring	1st century AD	1	100			Gold	Jasper
6,459	Naples 1983	8 (inv. 155867)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Herculaneum		Garnet
6,460	Naples 1983	333 (inv. 115489)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Garnet
6,461	Naples 1983	341 (inv. 158834)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Garnet
6,462	de Ridder 1924	73II	Musée du Louvre	Ring	early - mid 1st century BC	-100	-50			Gold	Garnet
6,463	MFA online	18.512	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Garnet
6,464	Hendler 2016	376	Hendler Collection	Ring	1st century BC - 1st century AD	-100	100	Israel	Caesarea	Gold	Garnet
6,465	Hendler 2016	263	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Garnet
6,466	Ashmolean Online	AN1892.1312	Ashmolean Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Garnet
6,467	Walters Online	42.103	Walters Art Museum	Ring	1st century BC	-100	-1			Gold	Garnet
6,468	AG Vienna	1146	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
6,469	Walters Online	42.1106	Walters Art Museum	Ring	2nd - 1st century BC	-200	-1			Gold	Garnet
6,470	MFA online	21.1213	Museum of Fine Arts, Boston	Ring	3rd century AD	201	300			Gold	Garnet
6,471	Wright 2001	10	Wright Collection	Engraved Gem	mid 1st century BC - mid 1st century AD	-50	50				Garnet
6,472	RMO online	GS-00203	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 1st century BC	-50	-1				Garnet
6,473	Ashmolean Online	AN1892.1308	Ashmolean Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Garnet
6,474	de Clercq 1891-1912	3225	Musée du Louvre	Engraved Gem	43 BC - AD 18	-43	18	Syria	Homs		Garnet
6,475	Thorvaldsens online	i212	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Garnet
6,476	RMO online	GS-00244	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century BC	-25	-1				Garnet
6,477	RMO online	GS-00269	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century BC	-25	-1				Garnet
6,478	AGD Hannover	1351	Museum August Kestner-Hannover	Engraved Gem	AD 1 - 50	1	50				Amethyst
6,479	Hague 1978	148	Royal Coin Cabinet, The Hague	Engraved Gem	200 BC - AD 50	-200	50				Agate
6,480	Hague 1978	161	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Agate
6,481	BM online	1917,0501.723	British Museum	Ring	2nd century BC - 2nd century AD	-200	200	Crete		Gold	Garnet
6,482	BM online	1917,0501.818	British Museum	Ring	3rd century AD	201	300			Gold	Garnet, Pearl
6,483	BM online	1899,0218.8	British Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Amethyst, Garnet, Pearl
6,484	Hendler 2016	48	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Garnet
6,485	MFA online	27.710	Museum of Fine Arts, Boston	Engraved Gem	2nd - 1st century BC	-200	-1				Garnet
6,486	RMO online	GS-00815	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Garnet
6,487	RMO online	GS-00853	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Garnet
6,488	Getty Online	78.AN.322.1	J. Paul Getty Museum	Ring	2nd - 3rd century AD	101	300			Bronze	Jasper
6,489	Wright 2001	9	Wright Collection	Engraved Gem	1st - 2nd century AD	1	200	Turkey	Giresun		Garnet
6,490	BM online	1917,0601.2464	British Museum	Earring	3rd century AD	201	300			Gold	Garnet, Pearl
6,491	BM online	1917,0501.1458	British Museum	Ring	323 - 31 BC	-323	-31			Gold	Garnet

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6,492	BM online	1917,0501.387	British Museum	Ring	323 - 31 BC	-323	-31			Gold	Garnet
6,493	BM online	1880.3576	British Museum	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,494	Hendler 2016	165	Hendler Collection	Engraved Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Garnet
6,495	Hendler 2016	260	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Garnet
6,496	Hendler 2016	261	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Garnet
6,497	Hendler 2016	262	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Garnet
6,498	Hendler 2016	267	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Garnet
6,499	Fitzwilliam 1994	224	Fitzwilliam Museum	Engraved Gem	10 - 1 BC	-10	-1				Carnelian
6,500	Met Online	81.6.31	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC	-100	-1				Garnet
6,501	Met Online	41.160.693	Metropolitan Museum of Art, New York	Engraved Gem	2nd century BC - 3rd century AD	-200	300				Garnet
6,502	Hendler 2016	264	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,503	Hendler 2016	265	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,504	Hendler 2016	273	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,505	Hendler 2016	274	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,506	Hendler 2016	275	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,507	Hendler 2016	276	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,508	Hendler 2016	277	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,509	Hendler 2016	278	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,510	Hendler 2016	279	Hendler Collection	Blank Gem	1st - 4th century AD	1	400	Israel	Caesarea		Garnet
6,511	Hendler 2016	158	Hendler Collection	Engraved Gem	1st - early 2nd century AD	1	125	Israel	Caesarea		Garnet
6,512	Ashmolean Online	AN1953.52	Ashmolean Museum	Ring	1st century AD	1	100	Italy		Gold	Garnet
6,513	Hague 1978	561	Royal Coin Cabinet, The Hague	Engraved Gem	1st century AD	1	100				Chrysoprase
6,514	BM online	1866,0504.71	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
6,515	BM online	1866,0504.64	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
6,516	BM online	1872,0604.352	British Museum	Ring	323 - 31 BC	-323	-31			Bronze	Garnet
6,517	BM online	1917,0501.724	British Museum	Ring	2nd century BC - 2nd century AD	-200	200	Egypt		Gold	Garnet
6,518	BM online	2856,1226.1393	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
6,519	BM online	1872,0604.53	British Museum	Earring	1st century AD	1	100			Gold	Garnet
6,520	BM online	1917,0501.368	British Museum	Ring	323 - 31 BC	-323	-31			Gold	Garnet
6,521	Getty Online	82.AN.162.90	J. Paul Getty Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
6,522	Hendler 2016	88	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Garnet
6,523	Hendler 2016	128	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Garnet
6,524	AGD Berlin	507	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem	1st century AD	1	100				Garnet
6,525	Berlin 2007	160	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Garnet
6,526	Met Online	97.28.8	Metropolitan Museum of Art, New York	Earring	1st century BC - 3rd century AD	-100	300			Gold	Garnet
6,527	Met Online	81.6.138	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,528	Met Online	81.6.103	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,529	Pompeii 1987	52	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Garnet
6,530	Pompeii 1987	57	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Garnet
6,531	Guzzo 2003	IV.12	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Garnet
6,532	Guzzo 2003	IV.24	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Garnet
6,533	Guzzo 2003	IV.317	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Garnet

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6,534	RMO online	GS-00497	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Garnet
6,535	RMO online	GS-00637	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Garnet
6,536	Guzzo 2003	I.128	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Garnet
6,537	Guzzo 2003	IV.392	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Garnet
6,538	Guzzo 2003	IV.518	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Garnet
6,539	AGD Hannover	765	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
6,540	Met Online	81.6.66	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,541	Marshman 2016	14.32	British Museum	Ring	mid - late 1st century AD	50	75	Britain	Colchester	Gold	Garnet
6,542	Marshman 2016	78.05	Great North Museum Hancock, Newcastle upon Tyne	Ring	late 1st - early 2nd century AD	75	125	Britain	Housesteads	Gold	Garnet
6,543	MFA online	27.734	Museum of Fine Arts, Boston	Engraved Gem	100 BC	-100	-100				Garnet
6,544	V&A online	M.44-1963	Victoria & Albert Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Garnet
6,545	Bologna 1987	154 (inv. Gl. 78)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Garnet
6,546	Bologna 1987	197 (inv. Gl. 325)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Garnet
6,547	Bologna 1987	198 (inv. Gl. 334)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Garnet
6,548	Ashmolean Online	AN1890.257	Ashmolean Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Garnet
6,549	Hermitage Online	21458	Hermitage Museum	Engraved Gem	1st century AD	1	100				Amethyst
6,550	Met Online	81.6.39	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,551	RMO online	GS-00994	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Garnet
6,552	AG Munich	2498	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Garnet
6,553	AG Munich	2814	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Garnet
6,554	BM online	1917,0501.1311	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Bronze	Garnet
6,555	AG Vienna	440	Kunsthistorisches Museum Wien	Engraved Gem	late 1st century BC - early 1st century AD	-10	10	Greece	Thessaloniki (Salonica)		Garnet
6,556	AG Vienna	372	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC	-100	-1	Slovakia	Ostrovany		Garnet
6,557	AGD Hannover	1002	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
6,558	Getty Online	85.AN.370.77	J. Paul Getty Museum	Ring	2nd - 1st century BC	-200	-1			Gold	Garnet
6,559	V&A online	M.36-1967	Victoria & Albert Museum	Ring	2nd - 3rd century AD	101	300			Gold	Garnet
6,560	Ashmolean Online	AN1892.1509	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Garnet
6,561	BM online	1865,0712.21	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Garnet
6,562	BM online	1895,0621.5	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Carnelian
6,563	BM online	1923,0401.240	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
6,564	Met Online	74.51.4248	Metropolitan Museum of Art, New York	Ring	1st century BC - 3rd century AD	-100	300			Gold	Garnet
6,565	Met Online	74.51.4260	Metropolitan Museum of Art, New York	Ring	1st century BC - 3rd century AD	-100	300			Gold	Garnet
6,566	Met Online	74.51.4261	Metropolitan Museum of Art, New York	Ring	1st century BC - 1st century AD	-100	100			Gold	Garnet
6,567	Bologna 1987	141 (inv. Gl. 316)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Garnet
6,568	Bologna 1987	241 (inv. Gl. 220)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Garnet
6,569	AG Munich	2807	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Garnet
6,570	Hermitage Online	21456	Hermitage Museum	Ring	1st century BC - 1st century AD	-100	100			Gold	Amethyst
6,571	Hendler 2016	266	Hendler Collection	Blank Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Garnet
6,572	Met Online	21.88.47	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,573	CHRE	5785	Private Collection	Ring	AD 160 - 168	160	168	France	Montaure	Gold	Garnet
6,574	Marshman 2016	118.18	Jewry Wall Museum, Leicester	Ring	late 2nd - 3rd century AD	175	300	Britain	Leicester, Jewry Wall	Gold	Garnet
6,575	Hermitage Online	21450	Hermitage Museum	Ring	1st century BC - 1st century AD	-100	100			Gold	Amethyst
6,576	de Clercq 1891-1912	3226	Musée du Louvre	Engraved Gem	AD 193 - 217	193	217	Iraq	Baghdad		Garnet
6,577	Bologna 1987	210 (inv. Gl. 315)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,578	Bologna 1987	211 (inv. Gl. 312)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,579	Bologna 1987	212 (inv. Gl. 299)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,580	Bologna 1987	214 (inv. Gl. 331)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,581	Bologna 1987	216 (inv. Gl. 317)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet

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6,582	Bologna 1987	218 (inv. Gl. 114)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,583	Bologna 1987	219 (inv. Gl. 318)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,584	Bologna 1987	220 (inv. Gl. 108)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,585	Bologna 1987	221 (inv. Gl. 293)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,586	Bologna 1987	222 (inv. Gl. 326)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,587	Bologna 1987	225 (inv. Gl. 263)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,588	Bologna 1987	226 (inv. Gl. 320)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,589	Bologna 1987	236 (inv. Gl. 109)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,590	Thorvaldsens online	i1121	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,591	Thorvaldsens online	i1357	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Garnet
6,592	Getty Online	82.AN.162.39	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Emerald
6,593	Berlin 1975	Tafel 59. 21-22	Staatliche Museen zu Berlin	Ring	3rd century AD	201	300			Gold	Chrysoprase
6,594	Berlin 1975	Tafel 59. 23-24	Staatliche Museen zu Berlin	Ring	3rd century AD	201	300			Gold	Aquamarine
6,595	Berlin 1975	Tafel 59. 17-20	Staatliche Museen zu Berlin	Ring	3rd century AD	201	300			Gold	Garnet
6,596	AGD Göttingen	152	Archaologischen Institut der Universitat Göttingen	Engraved Gem	4th century AD	301	400				Garnet
6,597	AGD Braunschweig	59	Braunschweig	Engraved Gem	1st century AD	1	100				Garnet
6,598	Éauze 1996	12.3A	Archaeological Museum / The Treasure of Eauze	Bead	3rd century AD	201	300	France	Éauze		Garnet
6,599	Ashmolean Online	ANFortnum.FR.137	Ashmolean Museum	Ring	2nd - 1st century BC	-200	-1			Metal	Garnet
6,600	Hague 1978	162	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Agate
6,601	Hague 1978	163	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
6,602	BM online	1917,0501.756	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
6,603	Met Online	22.139.42	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC	-100	-1				Garnet
6,604	Met Online	52.97	Metropolitan Museum of Art, New York	Necklace	1st-2nd century AD	1	200			Gold	Garnet, Pearl
6,605	Met Online	81.6.165	Metropolitan Museum of Art, New York	Engraved Gem	1st - 3rd century AD	-100	300				Garnet
6,606	Met Online	98.11.40	Metropolitan Museum of Art, New York	Earring	1st - 3rd century AD	-100	300			Gold	Garnet
6,607	Met Online	48.12.1	Metropolitan Museum of Art, New York	Engraved Gem	43 - 42 BC	-43	-42				Garnet
6,608	Met Online	1992.263.10	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	-100				Garnet
6,609	Met Online	41.160.932	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,610	Met Online	41.160.1045	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Garnet
6,611	Guiraud 1988/2008	68II	Musée Archéologique, Rouen	Ring	3rd century AD	201	300	France	Eure, Haye-Malherbe	Gold	Garnet
6,612	MFA online	01.7559	Museum of Fine Arts, Boston	Engraved Gem	mid 1st century BC	-50	-50				Garnet
6,613	AG Munich	2624	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Garnet
6,614	V&A online	469-1871	Victoria & Albert Museum	Ring	3rd century AD	201	300			Gold	Garnet
6,615	Israel online	1973-944	The Israel Museum, Jerusalem	Ring	AD 220 - 250	220	250	Israel	Nahal Raqafot, Jerusalem	Gold	Garnet
6,616	CHRE	3908	Private Collection	Necklace	AD 253 - 260	253	260	France	St. Genis-Pouilly	Gold	Garnet
6,617	CHRE	6317	Private Collection	Necklace	AD 268 - 318	268	318	France	Lyon	Gold	Garnet
6,618	de Ridder 1924	75II	Musée du Louvre	Ring	late 3rd century AD	275	300			Gold	Garnet
6,619	Ashmolean Online	AN1962.431	Ashmolean Museum	Ring	1st century BC	-100	-1			Gold	Garnet
6,620	BM online	1981,0201.80	British Museum	Ring	4th century AD	301	400	Britain	Thetford	Gold	Garnet
6,621	BM online	1981,0201.23	British Museum	Ring	4th century AD	301	400	Britain	Thetford	Gold	Garnet
6,622	BM online	1872,0604.67	British Museum	Necklace	2nd - 3rd century AD	101	300			Gold	Garnet
6,623	BM online	1897,0316.10	British Museum	Necklace	AD 100 - 200	100	200	Egypt		Gold	Garnet
6,624	RMO online	GS-01151	National Museum of Antiquities, Leiden	Ring	3rd - 5th century	201	500			Silver	Garnet

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6,625	Naples 1994	161 (inv. 27151/1290)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
6,626	Berlin 1975	Tafel 32. 2	Staatliche Museen zu Berlin	Earring	3rd century AD	201	300			Gold	Garnet
6,627	CHRE	3813	Private Collection	Necklace	AD 161 - 268	161	268	France	Mons-Boubert	Gold	Garnet
6,628	CHRE	4744	Private Collection	Ring	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Garnet
6,629	CHRE	4744	Private Collection	Ring	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Garnet
6,630	CHRE	4744	Private Collection	Ring	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Garnet
6,631	CHRE	4744	Private Collection	Pendant	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Garnet
6,632	BM online	1994,1210.1	British Museum	Ring	125 - 75 BC	-125	-75			Gold	Garnet, Sapphire
6,633	BM online	1917,0501.82	British Museum	Ring	3rd century AD	201	300			Gold	Garnet, Sapphire, Sardonyx
6,634	BM online	1890,0601.60	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Garnet
6,635	BM online	1986,1115.1	British Museum	Bracelet	3rd century AD	201	300			Gold	Amethyst, Emerald, Garnet
6,636	V&A online	475	Victoria & Albert Museum	Ring	2nd century AD	101	200			Gold	Garnet, Sapphire
6,637	BM online	1867,0508.462	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Chrysoprase, Garnet, Sapphire
6,638	BM online	1867,0508.463	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Chrysoprase, Garnet, Sapphire
6,639	BM online	1872,0604.663	British Museum	Necklace	1st - 4th century AD	1	400			Gold	Garnet
6,640	Hendler 2016	375	Hendler Collection	Brooch	1st - 2nd century AD	1	200	Israel	Caesarea	Gold	Garnet, Pearl
6,641	Met Online	21.88.85	Metropolitan Museum of Art, New York	Earring	2nd - 3rd century AD	101	300			Gold	Garnet
6,642	Walters Online	57.1553	Walters Art Museum	Earring	2nd century AD	101	200			Gold	Garnet, Pearl
6,643	BM online	1981,0905.5	British Museum	Earring	323 - 31 BC	-323	-31			Gold	Garnet
6,644	BM online	1981,0905.4	British Museum	Earring	323 - 31 BC	-323	-31			Gold	Garnet
6,645	BM online	1872,0604.1105	British Museum	Earring	200 - 30 BC	-200	-30			Gold	Garnet
6,646	BM online	1872,0604.532	British Museum	Earring	200 - 30 BC	-200	-30			Gold	Garnet
6,647	BM online	1917,0501.740	British Museum	Ring	2nd century BC - 2nd century AD	-200	200	Syria	Tortosa	Gold	Garnet
6,648	V&A online	M.10&A-1966	Victoria & Albert Museum	Earring	AD 100 - 200	100	200			Gold	Pearl
6,649	Éauze 1996	3A	Archaeological Museum / The Treasure of Eauze	Necklace	3rd century AD	201	300	France	Éauze	Gold	Garnet, Pearl
6,650	BM online	1896,1018.1	British Museum	Ring	1st century BC	-100	-1			Gold	Garnet
6,651	BM online	1917,0501.748	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Garnet
6,652	Getty Online	83.AN.437.52	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	201	400				Jasper
6,653	BM online	1884,0614.7	British Museum	Earring	150 - 50 BC	-150	-50	Syria	Tortosa	Gold	Garnet, Pearl
6,654	BM online	1917,0501.843	British Museum	Ring	150 - 50 BC	-150	-50			Gold	Amethyst, Garnet
6,655	BM online	1917,0601.2646	British Museum	Earring	3rd century AD	201	300			Gold	Garnet, Pearl
6,656	BM online	1917,0501.842	British Museum	Ring	3rd century AD	201	300			Gold	Garnet, Pearl
6,657	Israel online	1973-941	The Israel Museum, Jerusalem	Earring	AD 220 - 250	220	250	Israel	Nahal Raqafot, Jerusalem	Gold	Garnet, Pearl

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6,658	BM online	1772,0314.167-169	British Museum	Ring	1st - 4th century AD	1	400			Gold	Pearl, Sapphire
6,659	BM online	1917,0501.85	British Museum	Ring	3rd century AD	201	300			Gold	Chrysoprase, Sapphire
6,660	BM online	1862,0729.30	British Museum	Ring	3rd - 4th century AD	201	400			Gold	Sapphire
6,661	BM online	1917,0501.857	British Museum	Ring	AD 300	300	300			Gold	Chrysoprase, Garnet, Sapphire, Carnelian
6,662	Getty Online	84.AN.1.65	J. Paul Getty Museum	Ring	3rd century AD	201	300			Silver	Jasper
6,663	Getty Online	84.AN.1.63	J. Paul Getty Museum	Ring	2nd century AD	101	200			Iron	Jasper
6,664	Getty Online	83.AN.437.38	J. Paul Getty Museum	Ring	2nd century AD	101	200			Gold	Jasper (red)
6,665	ÄM&P online	9850	Ägyptisches Museum und Papyrussammlung	Engraved Gem	2nd - 3rd century AD	101	300	Egypt			Jasper
6,666	ÄM&P online	9780	Ägyptisches Museum und Papyrussammlung	Engraved Gem	2nd century AD	101	200	Egypt			Carnelian
6,667	ÄM&P online	9819	Ägyptisches Museum und Papyrussammlung	Engraved Gem	1st century AD	1	100	Egypt			Jasper
6,668	ÄM&P online	9820	Ägyptisches Museum und Papyrussammlung	Engraved Gem	1st century AD	1	100	Egypt			Jasper
6,669	ÄM&P online	9823	Ägyptisches Museum und Papyrussammlung	Engraved Gem	1st century AD	1	100	Egypt			Jasper
6,670	AG Munich	2766	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 4th century AD	201	400				Jasper
6,671	MFA online	01.7598	Museum of Fine Arts, Boston	Ring	1st century BC	-100	-1			Gold	Garnet
6,672	MFA online	99.364	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Garnet
6,673	MFA online	99.365	Museum of Fine Arts, Boston	Engraved Gem	3rd century AD	201	300				Garnet
6,674	RMO online	GS-00205	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 1st century BC	-200	-1				Jasper
6,675	AG Munich	526	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Jasper
6,676	Ashmolean Online	AN1921.1232	Ashmolean Museum	Engraved Gem	AD 100 - 200	100	200				Jasper
6,677	Ashmolean Online	ANFortnum.FR.163	Ashmolean Museum	Ring	2nd century AD	101	200			Iron	Jasper
6,678	Thorvaldsens online	i1213	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Jasper
6,679	Berlin 2007	507	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Jasper (red)
6,680	Berlin 2007	108	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Jasper (red)
6,681	AGD Hannover	254	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 1	-50	-1				Chrysoprase
6,682	AGD Hannover	251	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Jasper
6,683	MFA online	66.319	Museum of Fine Arts, Boston	Pendant	AD 300 - 400	300	400			Gold	Garnet
6,684	MFA online	23.591	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Jasper
6,685	MFA online	27.715	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Jasper
6,686	MFA online	01.7595	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Jasper
6,687	MFA online	98.724	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Jasper
6,688	MFA online	01.7575	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Jasper
6,689	Guiraud 1988/2008	890	Private Collection	Engraved Gem	1st century BC	-100	-1	France	Rougnat		Jasper
6,690	RMO online	GS-00312	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Jasper
6,691	AG Munich	903	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Jasper
6,692	AG Munich	915	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Jasper
6,693	AG Munich	979	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Jasper
6,694	AG Munich	2182	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Jasper
6,695	AG Munich	2720	Staatliche Antikensammlungen, Munich	Engraved Gem	4th century AD	301	400				Jasper
6,696	AG Munich	2224	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Jasper
6,697	AG Munich	2229	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Jasper
6,698	BM online	1936,0721.9	British Museum	Engraved Gem	AD 200	200	200				Jasper

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6,699	Hendler 2016	14	Hendler Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Israel	Caesarea		Jasper
6,700	Hendler 2016	29	Hendler Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Israel	Caesarea		Jasper
6,701	Naples 1994	277 (inv. 27043/1198)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,702	Naples 1994	309 (inv. 26715/876)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Pompeii (?)		Jasper
6,703	Naples 1994	286 (inv. 26761/393)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,704	AG Munich	2289	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,705	AG Munich	2291	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,706	AG Munich	2304	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,707	AG Munich	2313	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,708	AG Munich	2948	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,709	AG Munich	2348	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,710	AG Munich	2351	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,711	AG Munich	2367	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,712	AG Munich	2373	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,713	AG Munich	2384	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,714	AG Munich	2419	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,715	AG Munich	2428	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,716	AG Munich	2429	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,717	AG Munich	2438	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,718	BM online	1993,0206.5	British Museum	Engraved Gem	2nd - 4th century AD	101	400				Jasper
6,719	Met Online	74.51.3793	Metropolitan Museum of Art, New York	Earring	1st - 2nd century AD	1	200			Gold	Pearl
6,720	de Clercq 1891-1912	2969	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper
6,721	de Clercq 1891-1912	3220	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper
6,722	Naples 1983	249 (inv. 155882)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper
6,723	Naples 1983	260 (inv. 27652)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper
6,724	Naples 1983	52 (inv. 113741)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper
6,725	Naples 1983	80 (inv. 27642)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper
6,726	Naples 1983	161 (inv. 27658)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper
6,727	Naples 1983	227 (inv. 155882)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Herculaneum		Jasper
6,728	Naples 1983	246 (inv. 27657)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper
6,729	Naples 1983	298 (inv. 109594)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Herculaneum		Jasper
6,730	Naples 1983	334 (inv. 158749)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper
6,731	Berlin 2007	463	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC - 1st century AD	-50	100				Jasper (green)
6,732	Berlin 2007	208	Staatliche Museen zu Berlin	Engraved Gem	early 1st century AD	1	10				Jasper (red)
6,733	MFA online	01.7585	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Jasper
6,734	Ashmolean Online	AN1941.303	Ashmolean Museum	Engraved Gem	2nd century AD	101	200				Jasper
6,735	Ashmolean Online	AN1941.264	Ashmolean Museum	Engraved Gem	2nd century AD	101	200				Jasper
6,736	Berlin 2007	391	Staatliche Museen zu Berlin	Engraved Gem	AD 130 - 138	130	138				Jasper (red)
6,737	AGD Hannover	514	Museum August Kestner-Hannover	Engraved Gem	mid - late 1st century BC	-50	-1				Carnelian
6,738	MFA online	13.233	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Jasper

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6,739	V&A online	231-1865	Victoria & Albert Museum	Ring	31 - 14 BC	-31	-14			Gold	Jasper
6,740	Thorvaldsens online	i520	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,741	Thorvaldsens online	i695	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,742	Thorvaldsens online	i1513	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,743	Thorvaldsens online	i1573	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,744	Thorvaldsens online	i1574	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,745	Thorvaldsens online	i1475	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,746	Thorvaldsens online	i1427	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,747	Thorvaldsens online	i1473	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,748	Thorvaldsens online	i1507	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,749	Thorvaldsens online	i407	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,750	Thorvaldsens online	i496	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,751	Thorvaldsens online	i1186	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,752	Thorvaldsens online	i1487	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,753	Thorvaldsens online	i763	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,754	Thorvaldsens online	i747	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,755	Thorvaldsens online	i749	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,756	Thorvaldsens online	i137	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,757	Thorvaldsens online	i1270	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,758	Thorvaldsens online	i844	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,759	Thorvaldsens online	i1166	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Jasper
6,760	Thorvaldsens online	i1352	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Jasper
6,761	MFA online	1972.962	Museum of Fine Arts, Boston	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Jasper
6,762	RMO online	GS-01169	National Museum of Antiquities, Leiden	Engraved Gem	late 1st century BC	-25	-1				Jasper
6,763	Hendler 2016	74	Hendler Collection	Engraved Gem	late 1st century BC - 1st century AD	-25	100	Israel	Caesarea		Jasper
6,764	BM online	1879,0115.9	British Museum	Engraved Gem	323 BC - AD 30	-323	30				Jasper
6,765	BM online	1987,0212.346	British Museum	Engraved Gem	1st century BC	-100	-1				Jasper
6,766	BM online	1867,0508.41	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Jasper
6,767	BM online	1917,0501.13	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Bronze	Jasper
6,768	Hendler 2016	2	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Jasper
6,769	Hendler 2016	20	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Jasper
6,770	Berlin 2007	65	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
6,771	AG Vienna	1862	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper (yellow)
6,772	AGD Hannover	554	Museum August Kestner-Hannover	Engraved Gem	late 2nd - early 1st century BC	-110	-90				Carnelian
6,773	AGD Hannover	559	Museum August Kestner-Hannover	Engraved Gem	100 - 50 BC	-100	-50				Carnelian
6,774	MFA online	18.351	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Jasper
6,775	MFA online	18.353	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,776	MFA online	18.360	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,777	MFA online	18.364	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Jasper (red)
6,778	MFA online	18.372	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)
6,779	RMO online	GS-00778	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,780	RMO online	GS-00831	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,781	RMO online	GS-00871	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,782	RMO online	GS-00872	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,783	RMO online	GS-00894	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,784	RMO online	GS-00895	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,785	RMO online	GS-01170	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,786	AG Munich	2589	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,787	AG Munich	2590	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,788	AG Munich	2656	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,789	AG Munich	2713	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,790	AG Munich	2730	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,791	AG Munich	2735	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,792	AG Munich	2743	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,793	AG Munich	2763	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,794	AG Munich	2864	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,795	AG Munich	2868	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,796	AG Munich	2760	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
6,797	Berlin 2007	71	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)
6,798	Hague 1978	164	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
6,799	BM online	1872,0604.168	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Jasper
6,800	BM online	1842,0728.131	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Jasper
6,801	BM online	1917,0501.440	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Jasper
6,802	BM online	1917,0501.448	British Museum	Ring	1st century BC - 2nd century AD	-100	200		Tartus	Gold	Jasper
6,803	BM online	1987,0212.521	British Museum	Engraved Gem	1st century BC - 2nd century AD	-100	200				Jasper
6,804	BM online	1917,0501.1179	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Silver	Jasper
6,805	BM online	1814,0704.1529	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper
6,806	BM online	1902,1213.1	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,807	BM online	1917,0501.1176	British Museum	Engraved Gem	1st - 3rd century AD	1	300			Silver	Jasper
6,808	BM online	1865,0712.73	British Museum	Engraved Gem	1st century BC - 3rd century AD	-100	300			Iron	Jasper
6,809	BM online	1867,0507.724	British Museum	Engraved Gem	40 - 30 BC	-40	-30				Jasper
6,810	BM online	2506.21	British Museum	Bead	30 BC - AD 300	-30	300	Egypt	Naukratis		Jasper
6,811	BM online	1923,0401.292	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,812	BM online	1923,0401.327	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,813	BM online	1842,0728.4	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,814	BM online	1923,0401.176	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,815	BM online	1923,0401.348	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,816	BM online	1799,0521.20	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,817	BM online	1938,0317.3	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,818	BM online	1923,0401.346	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,819	BM online	1923,0401.332	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,820	BM online	1923,0401.307	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper

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6,821	BM online	1923,0401.290	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,822	BM online	1987,0212.526	British Museum	Engraved Gem	1st century AD	1	100				Jasper
6,823	BM online	1987,0212.295	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,824	BM online	1890,0601.87	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,825	BM online	1923,0401.196	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,826	BM online	1923,0401.257	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,827	BM online	1867,0507.520	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,828	BM online	1923,0401.181	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,829	BM online	1814,0704.1360	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,830	BM online	1923,0401.275	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,831	BM online	1867,0507.458	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,832	BM online	1901,0227.2	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,833	BM online	1814,0704.1378	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,834	BM online	1923,0401.339	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,835	BM online	1923,0401.310	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,836	BM online	1917,0501.1459	British Museum	Ring	1st - 3rd century AD	1	300			Iron	Jasper
6,837	BM online	1814,0704.1628	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,838	BM online	1814,0704.1627	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,839	BM online	1867,0507.588	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,840	BM online	1917,0501.587	British Museum	Ring	1st - 3rd century AD	1	300			Gold	Jasper
6,841	BM online	1917,0501.1471	British Museum	Ring	1st - 3rd century AD	1	300			Iron	Jasper
6,842	BM online	1889,01810.17	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,843	BM online	1814,0704.1467	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,844	BM online	1814,0704.1359	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,845	BM online	1799,0521.3	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Cyprus			Jasper
6,846	BM online	1923,0401.281	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper (green)
6,847	BM online	1814,0704.1435	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper (black)
6,848	BM online	1923,0401.214	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,849	BM online	1842,0728.5	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,850	BM online	1980,0101.9	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,851	BM online	1923,0401.265	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,852	BM online	1923,0401.205	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,853	BM online	1814,0704.1455	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,854	BM online	1814,0704.1635	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,855	BM online	1923,0401.30	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,856	BM online	1987,0212.534	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,857	BM online	1867,0507.225	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,858	BM online	1923,0401.340	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,859	BM online	1814,0704.1345	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,860	BM online	1814,0704.1457	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,861	BM online	1865,0712.223	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,862	BM online	1799,0521.34	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,863	BM online	1867,0507.490	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,864	BM online	1879,0617.2	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,865	BM online	1756,0102.63	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,866	BM online	1867,0507.293	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,867	BM online	1889,0810.3	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,868	BM online	1865,0712.222	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,869	BM online	1814,0704.1347	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,870	BM online	1879,0617.6	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper

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6,871	BM online	1868,0520.4	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,872	BM online	1904,0204.557	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,873	BM online	1872,0604.1374	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,874	BM online	1938,0317.4	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Jasper
6,875	BM online	1842,0728.10	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,876	BM online	1772,0315.487	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,877	BM online	1799,0521.30	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,878	BM online	1867,0507.54	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,879	BM online	1872,0604.1373	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,880	BM online	1799,0521.17	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,881	BM online	1799,0521.13	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,882	BM online	1867,0507.9.+	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,883	BM online	1859,01716.8	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,884	BM online	1888,1020.40	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,885	BM online	1899,1201.64	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,886	BM online	1799,0521.11	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,887	BM online	1889,0810.13	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,888	BM online	1867,0507.460	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,889	BM online	1874,0305.58	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,890	BM online	1890,0601.151	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,891	BM online	1867,0507.623	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,892	BM online	1756,0102.132	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,893	BM online	1889,0810.42	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,894	BM online	1842,0728.8	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,895	BM online	1872,0604.1360	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,896	BM online	1814,0704.1461	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,897	BM online	1872,0604.14	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,898	BM online	1867,0507.57	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,899	BM online	1889,0810.14	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,900	BM online	1867,0507.27	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,901	BM online	1907,0516.1	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Italy			Jasper
6,902	BM online	1917,1211.1	British Museum	Engraved Gem	1st - 3rd century AD	1	300			Metal - Modern	Jasper
6,903	BM online	1859,0301.126	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,904	BM online	1904,0204.552	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,905	BM online	1756,0102.26	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,906	BM online	1859,0301.121	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Cyprus			Jasper
6,907	BM online	1872,0604.1346	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,908	BM online	1899,1201.65	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,909	BM online	1886,0830.1	British Museum	Engraved Gem	1st - 3rd century AD	1	300			Gold	Jasper
6,910	BM online	1867,0507.630	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,911	BM online	1814,0704.1375	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,912	BM online	1888,1012.4	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Egypt	Fayum		Jasper
6,913	BM online	1814,0704.1356	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,914	BM online	1867,0507.704	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,915	BM online	1890,0601.57	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,916	BM online	1867,0507.630	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,917	BM online	1842,0728.70	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,918	AG Vienna	2450	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC - 1st century AD	-100	100				Emerald
6,919	BM online	1756,0102.44	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
6,920	BM online	1814,0704.15	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,921	BM online	1772,0315.40	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,922	BM online	1867,0507.61	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,923	BM online	1906,1022.12	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Egypt	Oxyrhynchus		Jasper
6,924	BM online	1867,0507.549	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,925	BM online	1814,0704.1428	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,926	BM online	1772,0315.40	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,927	BM online	1814,0704.14	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,928	BM online	1889,0810.26	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,929	BM online	1867,0507.609	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,930	BM online	1909,1117.10	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,931	BM online	1872,0604.14	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,932	BM online	1867,0507.59	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,933	BM online	1867,0507.302	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,934	BM online	1867,0507.220	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,935	BM online	1756,0102.14	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,936	BM online	1867,0507.57	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,937	BM online	1861,0628.37	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,938	BM online	1923,0401.153	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,939	BM online	1923,0401.717	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,940	BM online	1921,0711.90	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,941	BM online	1881,0824.15	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Cyprus	Salamis		Jasper
6,942	BM online	1881,0824.14	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Cyprus	Salamis		Jasper
6,943	BM online	1917,0501.15	British Museum	Ring	2nd century AD	101	200			Iron	Jasper
6,944	AG Vienna	1995	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,945	AG Vienna	2005	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,946	AG Vienna	1702	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper (red)
6,947	AG Vienna	2071	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,948	AG Vienna	472	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Jasper (red)
6,949	AG Vienna	1738	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,950	AG Vienna	1779	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,951	AG Vienna	1806	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,952	AG Vienna	1811	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,953	Fitzwilliam 1994	225	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
6,954	RMO online	GS-01168	National Museum of Antiquities, Leiden	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,955	El-Kachab 1963	10	Private Collection	Engraved Gem	1st - 3rd century AD	1	300	Egypt	Alexandria		Jasper
6,956	AG Munich	2881	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 3rd century AD	1	300				Jasper
6,957	MFA online	18.348	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper (green)
6,958	MFA online	1.7599	Museum of Fine Arts, Boston	Ring	1st century AD	1	100			Gold	Jasper (red)
6,959	BM online	1885,0417.5	British Museum	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
6,960	Hendler 2016	116	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Jasper
6,961	Berlin 2007	399	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper (red)
6,962	Berlin 2007	544	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)
6,963	Berlin 2007	551	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
6,964	Met Online	74.51.3782	Metropolitan Museum of Art, New York	Earring	1st - 2nd century AD	1	200			Gold	Pearl
6,965	Berlin 2007	606	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper (red)
6,966	Berlin 2007	607	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)
6,967	MFA online	09.536	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)
6,968	MFA online	52.536	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper (green)
6,969	MFA online	64.492	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper (blue)

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6,970	MFA online	63.1522	Museum of Fine Arts, Boston	Engraved Gem	1st - 2nd century AD	1	200				Jasper (green)
6,971	Guiraud 1988/2008	813	Private Collection	Engraved Gem	1st century AD	1	100	France	Doulezon		Jasper
6,972	RMO online	GS-00627	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Jasper
6,973	RMO online	GS-00628	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Jasper
6,974	RMO online	GS-00629	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Jasper
6,975	AG Munich	2347	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Jasper
6,976	AG Munich	2353	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Jasper
6,977	AG Munich	2371	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Jasper
6,978	AG Munich	2443	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Jasper
6,979	AG Munich	2444	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Jasper
6,980	AGD Berlin	430	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper (black)
6,981	Berlin 2007	629	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)
6,982	Berlin 2007	638	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
6,983	Berlin 2007	646	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper
6,984	Berlin 2007	647	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
6,985	Berlin 2007	665	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
6,986	AGD Berlin	365	Staatliche Museen zu Berlin	Engraved Gem	first half of the 1st century AD	-100	-50				Jasper (red)
6,987	AGD Berlin	509	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper (red)
6,988	Berlin 2007	603	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper (yellow)
6,989	Met Online	74.51.3787	Metropolitan Museum of Art, New York	Earring	1st - 2nd century AD	1	200			Gold	Pearl
6,990	Aquileia 1966	119 (inv. 26140)	The National Archaeological Museum of Aquileia	Engraved Gem	early - mid 1st century AD	1	50	Italy	Aquileia		Jasper
6,991	MFA online	1972.961	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Jasper (red)
6,992	MFA online	69.1212	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Jasper (red)
6,993	AG Vienna	1994	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
6,994	Met Online	74.51.3795	Metropolitan Museum of Art, New York	Earring	1st - 2nd century AD	1	200			Gold	Pearl
6,995	MFA online	1.7565	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Jasper
6,996	AG Vienna	1824	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
6,997	CHRE	12985	Private Collection	Engraved Gem	AD 75 - 276	75	276	France	Rennes 1881		Jasper
6,998	Aquileia 1966	1281 (inv. NA)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st - early 2nd century AD	75	125	Italy	Aquileia		Jasper
6,999	Aquileia 1966	1490 (inv. 26094)	The National Archaeological Museum of Aquileia	Engraved Gem	late 1st - early 2nd century AD	75	125	Italy	Aquileia		Jasper
7,000	Marshman 2016	122.03	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Jasper
7,001	MFA online	18.367	Museum of Fine Arts, Boston	Ring	2nd - 3rd century AD	101	300			Silver	Jasper
7,002	Marshman 2016	53 5/1946.356 (Montague Collection, no. 219, p.20)	Royal Albert Memorial Museum, Exeter	Engraved Gem	2nd - early 3rd century AD	101	225	Egypt	Alexandria		Jasper
7,003	Hermitage Online	9517	Hermitage Museum	Ring	1st century BC	-100	-1	Italy	Rome	Gold	Emerald
7,004	AG Vienna	1842	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper (red)
7,005	MFA online	23.589	Museum of Fine Arts, Boston	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,006	Hague 1978	165	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
7,007	Hague 1978	166	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
7,008	Hague 1978	167	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
7,009	Hague 1978	168	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
7,010	Hague 1978	169	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
7,011	Hague 1978	170	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Agate
7,012	Hague 1978	178	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Britain	Caerleon		Carnelian
7,013	Hague 1978	179	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Carnelian

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7,014	Hague 1978	180	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Carnelian
7,015	Hague 1978	143	Royal Coin Cabinet, The Hague	Engraved Gem	200 BC - AD 50	-200	50	Britain	Caerleon		Amethyst
7,016	Hague 1978	124	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Carnelian
7,017	Hague 1978	123	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Sardonyx
7,018	Guiraud 1988/2008	307	Dépôt de fouilles, Mâlain	Engraved Gem	2nd - 3rd century AD	101	300	France	Mâlain		Jasper
7,019	Chabouillet 1858	Inv.58.2098 Chabouillet 2098	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Rome	Gold	Jasper
7,020	AG Vienna	1897	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,021	Met Online	25.192.1	Metropolitan Museum of Art, New York	Necklace	1st - 2nd century AD	1	200			Gold	Emerald, Pearl
7,022	Met Online	20.234	Metropolitan Museum of Art, New York	Earring	1st century AD	1	100			Gold	Pearl
7,023	Met Online	15.43.339	Metropolitan Museum of Art, New York	Earring	30 BC - AD 364	-30	364			Gold	Pearl
7,024	Met Online	22.139.66	Metropolitan Museum of Art, New York	Necklace	1st century BC - 1st century AD	-100	100			Gold	Carnelian, Pearl
7,025	Met Online	74.51.3810	Metropolitan Museum of Art, New York	Earring	1st century BC - 4th century AD	-100	400			Gold	Pearl
7,026	Met Online	81.6.195	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,027	Met Online	81.6.171	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,028	Met Online	81.6.112	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,029	Met Online	81.6.142	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,030	Met Online	81.6.153	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,031	Met Online	81.6.151	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,032	Met Online	81.6.110	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,033	Met Online	81.6.88	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,034	Met Online	81.6.95	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,035	Met Online	25.78.97	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,036	Guiraud 1988/2008	921	Musée d'Assier, Feurs	Engraved Gem	2nd - 3rd century AD	101	300	France	Feurs		Jasper
7,037	RMO online	GS-00868	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,038	RMO online	GS-00870	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,039	RMO online	GS-00951	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,040	RMO online	GS-00952	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,041	RMO online	GS-00953	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,042	RMO online	GS-00954	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,043	RMO online	GS-00968	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,044	RMO online	GS-01015	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,045	RMO online	GS-01071	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,046	AG Munich	2460	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,047	AG Munich	2476	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,048	AG Munich	2598	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,049	AG Munich	2655	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,050	AG Munich	2670	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,051	AG Munich	2678	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,052	AG Munich	2698	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,053	AG Munich	2729	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,054	AG Munich	2748	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,055	AG Munich	2750	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,056	AG Munich	2754	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,057	AG Munich	2853	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,058	AG Munich	2771	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,059	AGD Hannover	716	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
7,060	AGD Hannover	718	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian

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7,061	AGD Hannover	719	Museum August Kestner-Hannover	Engraved Gem	1st century BC	1	100				Sardonyx
7,062	AGD Hannover	723	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
7,063	AGD Hannover	724	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
7,064	AGD Hannover	725	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
7,065	AGD Hannover	726	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
7,066	AGD Hannover	727	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
7,067	AGD Hannover	728	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
7,068	AGD Hannover	729	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Agate
7,069	AGD Hannover	730	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Carnelian
7,070	AGD Berlin	562	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (black)
7,071	AGD Berlin	526	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,072	AG Vienna	1951	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,073	BM online	1890,0601.126	British Museum	Engraved Gem	2nd century AD	101	200				Jasper
7,074	BM online	1867,0507.566	British Museum	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,075	BM online	1990,1201.10	British Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Warlington	Iron	Jasper
7,076	BM online	1923,0401.24	British Museum	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,077	BM online	AF.454	British Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Bartlow		Jasper
7,078	BM online	1814,0704.14	British Museum	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,079	BM online	1923,0401.25	British Museum	Engraved Gem	2nd century AD	101	200				Jasper
7,080	MFA online	65.3	Museum of Fine Arts, Boston	Engraved Gem	2nd century AD	101	200				Jasper
7,081	MFA online	72.870	Museum of Fine Arts, Boston	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (yellow)
7,082	RMO online	GS-01116	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper
7,083	MFA online	52.533	Museum of Fine Arts, Boston	Engraved Gem	2nd century AD	101	200				Jasper
7,084	Hendler 2016	49	Hendler Collection	Engraved Gem	late 1st - mid 3rd century AD	75	250	Israel	Caesarea		Jasper
7,085	BM online	1886,0909.5	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Lebanon	Tyre		Jasper
7,086	BM online	1879,0115.18	British Museum	Ring	3rd century AD	201	300			Gold	Jasper
7,087	BM online	1917,0501.15	British Museum	Bead	2nd century AD	101	200	Britain	Malton		Jasper
7,088	BM online	1917,0501.560	British Museum	Ring	3rd century AD	201	300			Gold	Jasper
7,089	BM online	1988,0401.10	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Sandy Lodge		Jasper
7,090	BM online	1880,0619.6	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,091	BM online	1867,0507.541	British Museum	Engraved Gem	3rd century AD	201	300				Jasper
7,092	BM online	1856,0425.20	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,093	BM online	1856,0425.19	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,094	BM online	1856,0425.17	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,095	BM online	1856,0425.16	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,096	BM online	1856,0425.21	British Museum	Engraved Gem	3rd - 4th century AD	201	400	Britain	Essex		Jasper
7,097	BM online	1856,0425.4	British Museum	Engraved Gem	3rd - 4th century AD	201	400	Britain	Cambridge	Gold	Jasper
7,098	AGD Berlin	564	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,099	BM online	1772,0315.492	British Museum	Engraved Gem	AD 250	250	250	Britain	North Yorkshire, Malton		Jasper
7,100	Getty Online	85.AN.370.36	J. Paul Getty Museum	Engraved Gem	1st - 4th century AD	1	400				Jasper (green)
7,101	Hendler 2016	21	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Jasper
7,102	AGD Berlin	555	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,103	AGD Berlin	552	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,104	AGD Hannover	1003	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,105	AGD Hannover	1005	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
7,106	AG Vienna	534	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Jasper
7,107	AGD Hannover	1008	Museum August Kestner-Hannover	Engraved Gem	10 BC - AD 10	-10	10				Carnelian
7,108	AGD Hannover	1009	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,109	AGD Hannover	1011	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian

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7,110	AGD Hannover	1012	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,111	AGD Hannover	1013	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,112	AGD Hannover	1014	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 50	-50	50				Carnelian
7,113	AGD Hannover	1015	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,114	AGD Hannover	1017	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Sardonyx
7,115	AGD Hannover	1018	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 50	-50	50				Carnelian
7,116	AGD Hannover	1020	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Jasper
7,117	AGD Hannover	1021	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,118	AGD Hannover	1022	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Sardonyx
7,119	MFA online	1972.964	Museum of Fine Arts, Boston	Engraved Gem	AD 100 - 300	100	300				Jasper
7,120	MFA online	69.1201	Museum of Fine Arts, Boston	Ring	2nd century AD	101	200				Jasper
7,121	Marshman 2016	31.44	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Aldborough		Jasper
7,122	Marshman 2016	67.00	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Berkamstead, Cow Roast (?)		Jasper
7,123	Marshman 2016	24.01	National Roman Legion Museum, Caerleon	Ring	late 1st - 2nd century AD	75	200	Britain	Caerleon, Prysg Field	Iron	Jasper
7,124	AGD Berlin	483	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper (red)
7,125	AGD Berlin	551	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,126	AGD Berlin	540	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,127	AGD Berlin	537	Staatliche Museen zu Berlin	Engraved Gem	late 2nd century AD	175	200				Jasper (red)
7,128	AGD Berlin	517	Staatliche Museen zu Berlin	Engraved Gem	3rd century AD	201	300				Jasper (red)
7,129	AGD Berlin	486	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Jasper (red)
7,130	Berlin 2007	645	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (brown)
7,131	Guiraud 1988/2008	649	Chapelle des Lazaristes, Collection des Pères Lazaristes	Engraved Gem	2nd century AD	101	200	France	Lyon		Jasper
7,132	Guiraud 1988/2008	6	Chapelle des Lazaristes, Collection des Pères Lazaristes	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Rome		Sapphire
7,133	Hermitage Online	22006	Hermitage Museum	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,134	Berlin 2007	482	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper
7,135	Chabouillet 1858	Camée.286; Chabouillet.237	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,136	AG Vienna	1966	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,137	AG Vienna	1978	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,138	AG Vienna	2001	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,139	AG Vienna	2023	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,140	AG Vienna	2077	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,141	AG Vienna	2083	Kunsthistorisches Museum Wien	Engraved Gem	AD 150 - 200	150	200	Egypt			Jasper
7,142	AG Vienna	2086	Kunsthistorisches Museum Wien	Engraved Gem	1st - 2nd century AD	1	200	Egypt			Jasper
7,143	Met Online	41.160.563	Metropolitan Museum of Art, New York	Engraved Gem	2nd century BC - 3rd century AD	-200	300				Jasper (red)
7,144	Berlin 2007	202	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,145	Berlin 2007	572	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (yellow/red)
7,146	MFA online	1997.174	Museum of Fine Arts, Boston	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,147	MFA online	0.375	Museum of Fine Arts, Boston	Ring	2nd century AD	101	200			Silver	Jasper
7,148	MFA online	1.7577	Museum of Fine Arts, Boston	Engraved Gem	AD 136	136	136				Jasper
7,149	RMO online	GS-00740	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Jasper
7,150	RMO online	GS-00818	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Jasper
7,151	RMO online	GS-00867	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Jasper
7,152	AG Munich	2447	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,153	AG Munich	2471	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,154	AG Munich	2570	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper

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7,155	AG Munich	2506	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,156	AG Munich	2538	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,157	AG Munich	2559	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,158	AG Munich	2490	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,159	AG Munich	2591	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,160	AG Munich	2604	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,161	AG Munich	2666	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,162	AG Munich	2696	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,163	AG Munich	2706	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200	Greece	Athens		Jasper
7,164	AG Munich	2711	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,165	AG Munich	2716	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,166	AG Munich	2749	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,167	AG Munich	2755	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,168	AG Munich	2765	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,169	AG Munich	2810	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,170	AG Munich	2829	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,171	AG Munich	2849	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,172	AG Munich	2856	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,173	AG Munich	2863	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,174	AG Munich	2878	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Jasper
7,175	Berlin 2007	670	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (green)
7,176	Berlin 2007	171	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,177	Berlin 2007	183	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,178	Berlin 2007	353	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,179	Berlin 2007	410	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,180	Berlin 2007	421	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,181	Berlin 2007	472	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,182	Aquileia 1966	656 (inv. 48186)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper
7,183	Thorvaldsens online	i291	Thorvaldsens Museum, Copenhagen	Ring	2nd century AD	101	200			Silver	Jasper
7,184	Thorvaldsens online	i1075	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd century AD	101	200				Jasper
7,185	MFA online	2000.991	Museum of Fine Arts, Boston	Engraved Gem	mid 2nd - 3rd century AD	150	300				Jasper
7,186	Thorvaldsens online	i1679	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd - 4th century AD	101	400				Jasper
7,187	Thorvaldsens online	i1678	Thorvaldsens Museum, Copenhagen	Ring	2nd - 4th century AD	101	400			Iron	Jasper
7,188	Berlin 2007	610	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,189	MFA online	2000.992	Museum of Fine Arts, Boston	Engraved Gem	mid 2nd - 3rd century AD	150	300				Jasper
7,190	MFA online	03.1010	Museum of Fine Arts, Boston	Engraved Gem	AD 250 - 400	250	400				Jasper
7,191	MFA online	52.535	Museum of Fine Arts, Boston	Engraved Gem	4th century AD	301	400				Jasper
7,192	AGD Hannover	925	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,193	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Jasper
7,194	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Jasper
7,195	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Jasper
7,196	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Jasper
7,197	AG Vienna	2089	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper

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7,198	AG Vienna	2101	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper
7,199	AGD Hannover	1159	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
7,200	AGD Hannover	1190	Museum August Kestner-Hannover	Engraved Gem	late 1st century BC - 1st century AD	-10	100				Lapis Lazuli
7,201	AGD Hannover	1192	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Lapis Lazuli
7,202	AGD Hannover	1218	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Garnet
7,203	AGD Hannover	1242	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 25	1	100				Garnet
7,204	AG Vienna	2102	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Jasper
7,205	Marshman 2016	66.26	National Museum of Wales	Engraved Gem	Mid 2nd century AD	150	175	Britain	Holt		Jasper
7,206	AG Vienna	241	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC	-100	-1				Jasper
7,207	AGD Hannover	926	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,208	Berlin 2007	400	Staatliche Museen zu Berlin	Engraved Gem	AD 160 - 170	160	170				Jasper (red)
7,209	Aquileia 1996	186 (inv. 927/112)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd century AD	175	200				Jasper
7,210	Aquileia 1966	1269 (inv. 25962)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Jasper
7,211	Marshman 2016	91.03	Museum of Archaeology & Anthropology, Cambridge	Ring	late 2nd - 3rd century AD	175	300	Britain	Fleam Dyke, Fulbourn	Silver	Jasper
7,212	Marshman 2016	66.22	National Museum of Scotland, Edinburgh	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Newstead		Jasper
7,213	AG Vienna	2027	Kunsthistorisches Museum Wien	Engraved Gem	AD 150 - 250 AD	150	250				Jasper
7,214	AGD Hannover	198	Museum August Kestner-Hannover	Engraved Gem	late 2nd - mid 3rd century AD	175	250				Carnelian
7,215	AGD Hannover	1040	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
7,216	AGD Hannover	1041	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
7,217	AGD Hannover	1042	Museum August Kestner-Hannover	Engraved Gem	late 1st century BC - first half of the 1st century AD	-10	50				Sardonyx
7,218	Guiraud 1988/2008	700	Centre de recherches archéologiques, Saint Marcel	Ring	early - mid 3rd century AD	201	250	France	Saint-Marcel	Gold	Jasper
7,219	Marshman 2016	49.13	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Britain	Standish		Jasper
7,220	RMO online	GS-01178	National Museum of Antiquities, Leiden	Engraved Gem	late 2nd - 3rd century AD	175	300				Jasper
7,221	Thorvaldsens online	i1616	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,222	Thorvaldsens online	i625	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,223	Thorvaldsens online	i1515	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,224	Thorvaldsens online	i1550	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Jasper
7,225	Thorvaldsens online	i159	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,226	Thorvaldsens online	i1444	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,227	Thorvaldsens online	i456	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,228	Thorvaldsens online	i1583	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,229	Thorvaldsens online	i1658	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,230	Thorvaldsens online	i1619	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,231	Thorvaldsens online	i738	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Jasper
7,232	Thorvaldsens online	i1319	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,233	Thorvaldsens online	i1657	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Jasper
7,234	Berlin 2007	561	Staatliche Museen zu Berlin	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (red)
7,235	BM online	AF.452	British Museum	Engraved Gem	2nd century AD	101	200				Jasper
7,236	BM online	2002,0501.1	British Museum	Ring	2nd - 3rd century AD	101	300	Britain	Wroxeter	Gold	Jasper
7,237	Berlin 2007	667	Staatliche Museen zu Berlin	Engraved Gem	3rd century AD	201	300				Jasper (yellow)
7,238	AG Vienna	396	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Jasper
7,239	Berlin 2007	541	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,240	Berlin 2007	542	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,241	Met Online	41.160.713	Metropolitan Museum of Art, New York	Earring	1st century BC - 3rd century AD	-100	300				Jasper (red)
7,242	Met Online	41.160.706	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Jasper (black)

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7,243	Met Online	07.286.124	Metropolitan Museum of Art, New York	Engraved Gem	AD 1 - 50	1	50				Jasper (black)
7,244	Met Online	26.7.831	Metropolitan Museum of Art, New York	Earring	3rd century AD	201	300	Egypt		Gold	Jasper (green)
7,245	Met Online	41.160.638	Metropolitan Museum of Art, New York	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,246	AGD Hannover	897	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
7,247	AGD Hannover	898	Museum August Kestner-Hannover	Ring	50 BC - AD 50	-50	50			Gold	Carnelian
7,248	AGD Hannover	899	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
7,249	Berlin 2007	509	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,250	AG Munich	2457	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,251	AG Munich	2461	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,252	AG Munich	2508	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,253	AG Munich	2515	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,254	AG Munich	2518	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,255	AG Munich	2522	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,256	AG Munich	2543	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,257	AG Munich	2544	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,258	AG Munich	2563	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,259	AG Munich	2575	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,260	AG Munich	2587	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,261	AG Munich	2593	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,262	AG Munich	2595	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,263	AG Munich	2646	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,264	AG Munich	2651	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,265	AG Munich	2657	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,266	AG Munich	2773	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Jasper
7,267	AG Munich	2673	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,268	Berlin 2007	540	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Jasper (red)
7,269	Thorvaldsens online	i1013	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd century AD	201	300				Jasper
7,270	BM online	1936,0721.10	British Museum	Engraved Gem	AD 200	200	200				Jasper
7,271	AG Munich	2813	Staatliche Antikensammlungen, Munich	Engraved Gem	AD 200	200	200				Jasper
7,272	Berlin 2007	392	Staatliche Museen zu Berlin	Engraved Gem	AD 147 - 149	147	149				Jasper (red)
7,273	AG Munich	2459	Staatliche Antikensammlungen, Munich	Engraved Gem	AD 238	238	238				Jasper
7,274	BM online	1936,0721.11	British Museum	Engraved Gem	AD 200	200	200				Jasper
7,275	Fitzwilliam 1994	159	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Chalcedony
7,276	Carnuntum 2005	23	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper
7,277	Ashmolean Online	ANFortnum.FR.165	Ashmolean Museum	Ring	AD 100 - 200	-100	-1	Italy	Rome	Gold	Jasper
7,278	Ashmolean Online	ANFortnum.FR.297	Ashmolean Museum	Ring	3rd century AD	201	300			Copper	Jasper
7,279	Ashmolean Online	ANFortnum.FR.714	Ashmolean Museum	Ring	2nd century AD	101	200			Silver	Jasper
7,280	Ashmolean Online	AN1941.299	Ashmolean Museum	Engraved Gem	2nd century AD	101	200	Albania	Scodra		Jasper
7,281	Ashmolean Online	AN1941.293	Ashmolean Museum	Engraved Gem	AD 180 - 183	180	183	Albania	Scodra		Jasper
7,282	Ashmolean Online	AN1941.253	Ashmolean Museum	Engraved Gem	2nd century AD	101	200	Croatia	Solin		Jasper (red)
7,283	Ashmolean Online	AN1890.268	Ashmolean Museum	Engraved Gem	1st century AD	1	100				Jasper
7,284	RMO online	GS-00625	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Jasper
7,285	RMO online	GS-01022	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper
7,286	RMO online	GS-01126	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper
7,287	RMO online	GS-01127	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper
7,288	RMO online	GS-01128	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper
7,289	RMO online	GS-01135	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper
7,290	RMO online	GS-01138	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper
7,291	Thorvaldsens online	i775	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper
7,292	Ashmolean Online	AN1941.254	Ashmolean Museum	Engraved Gem	2nd century AD	101	200	Croatia	Solin		Jasper

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
7,293	CHRE	8668	Private Collection	Pendant	AD 81 -244	81	244	France	Vinay	Brass	Jasper
7,294	Guiraud 1988/2008	884	Palais des Archevêques de Narbonne	Engraved Gem	1st century BC	-100	-1	France	Montlaurés		Jasper (Black)
7,295	Naples 1994	249 (inv. 26608/769)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Black)
7,296	Naples 1994	280 (inv. 27211/1349)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Black)
7,297	de Clercq 1891-1912	3098	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Jasper (Black)
7,298	de Clercq 1891-1912	3138	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Black)
7,299	Hendler 2016	229	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Jasper (Black)
7,300	Hendler 2016	233	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Jasper (Black)
7,301	Getty Online	83.AN.437.23	J. Paul Getty Museum	Engraved Gem	mid 1st century BC	-75	-50				Jasper (Black)
7,302	Getty Online	84.AN.1.55	J. Paul Getty Museum	Engraved Gem	mid 1st century BC	-75	-50				Jasper (Black)
7,303	Guiraud 1988/2008	548	Musée Archéologique, Fréjus	Ring	1st - 2nd century AD	1	200	France	Fréjus	Iron	Jasper (Black)
7,304	Guiraud 1988/2008	551	Musée Rolin, Autun, Autun	Engraved Gem	1st - 2nd century AD	1	200	France	Autun		Jasper (Black)
7,305	Berlin 2007	223	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Jasper (red)
7,306	Hendler 2016	228	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Jasper (Black)
7,307	Guiraud 1988/2008	246	Musées Royaux d'Art ed d'Histoire	Engraved Gem	1st - 3rd century AD	1	300	France	Bavay		Jasper (Black)
7,308	Guiraud 1988/2008	287	Société Archéologique, Montpellier	Ring	1st - 3rd century AD	1	300	France	Ambrussum	Iron	Jasper (Black)
7,309	Guiraud 1988/2008	868	Dépôt de fouilles de Mâlain	Ring	1st century AD	1	100	France	Mâlain	Iron	Jasper (Black)
7,310	Guiraud 1988/2008	860	Musée Archéologique, Apt	Ring	1st century AD	1	100	France	Le Chastellard-De-Lardiers		Jasper (Black)
7,311	Guiraud 1988/2008	89	Musée Archéologique, Châtillon-sur-Seine	Engraved Gem	1st century AD	1	100	France	Les Tremblois		Jasper (Black)
7,312	Guiraud 1988/2008	296	Private Collection	Engraved Gem	1st century AD	1	100	France	Narbonne		Jasper (Black)
7,313	Aquileia 1966	834 (inv. 25501)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Jasper (Black)
7,314	Aquileia 1966	1217 (inv. 25300)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Jasper (Black)
7,315	Marshman 2016	144.11	Vindolanda Site Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Chesterholm (Vindolanda)	Iron	Jasper (Black)
7,316	Marshman 2016	84.10	Private Collection	Ring	late 1st - early 2nd century AD	75	125	Britain	Bainbridge		Jasper (Black)
7,317	Marshman 2016	34.03	Vindolanda Site Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chesterholm (Vindolanda)		Jasper (Black)
7,318	Marshman 2016	84.02	Vindolanda Site Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chesterholm (Vindolanda)		Jasper (Black)
7,319	Marshman 2016	67.04	Wall Site Museum	Ring	late 1st century AD	75	100	Britain	Wall	Iron	Jasper (Black)
7,320	Marshman 2016	25.21	National Museum of Scotland, Edinburgh	Ring	AD 96 - 192	96	192	Britain	Philipaug	Gold	Jasper (Black)
7,321	Hendler 2016	23	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Jasper (Black)
7,322	Guiraud 1988/2008	351	Musée Rolin, Autun, Autun	Engraved Gem	2nd - 3rd century AD	101	300	France	Autun		Jasper (Black)
7,323	Hendler 2016	108	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Jasper (Black)
7,324	Guiraud 1988/2008	732	Centre de recherches archéologiques, Saint Marcel	Ring	2nd century AD	101	200	France	Saint-Marcel	Gold	Jasper (Black)
7,325	Getty Online	77.AN.34	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (Black)
7,326	Getty Online	81.AN.106.5	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (Black)
7,327	Hendler 2016	97	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	225	Israel	Caesarea		Jasper (Black)
7,328	Hendler 2016	134	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Jasper (Black)
7,329	Carnuntum 2005	506	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (bloodstone)
7,330	Carnuntum 2005	1023	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (bloodstone)

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7,331	Carnuntum 2005	607	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (bloodstone)
7,332	Carnuntum 2005	399	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (bloodstone)
7,333	Carnuntum 2005	409	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (bloodstone)
7,334	Carnuntum 2005	273	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (bloodstone)
7,335	Carnuntum 2005	893	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (bloodstone)
7,336	Carnuntum 2005	1008	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (bloodstone)
7,337	Carnuntum 2005	326	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (bloodstone)
7,338	Carnuntum 2005	750	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Jasper (bloodstone)
7,339	Carnuntum 2005	609	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (bloodstone)
7,340	Carnuntum 2005	511	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,341	Carnuntum 2005	764	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,342	Carnuntum 2005	219	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,343	Carnuntum 2005	969	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,344	Carnuntum 2005	403	Kunsthistorisches Museum Wien	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Jasper (brown)
7,345	Carnuntum 2005	413	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,346	Carnuntum 2005	542	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,347	Carnuntum 2005	765	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,348	Carnuntum 2005	917	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,349	Carnuntum 2005	932	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,350	Carnuntum 2005	984	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,351	Carnuntum 2005	1081	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,352	Carnuntum 2005	138	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,353	Carnuntum 2005	491	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,354	Carnuntum 2005	572	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Jasper (brown)
7,355	Carnuntum 2005	625	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,356	Carnuntum 2005	1092a	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,357	Carnuntum 2005	913	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,358	Carnuntum 2005	1091	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,359	Carnuntum 2005	743	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,360	Carnuntum 2005	929	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,361	Carnuntum 2005	330	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,362	Carnuntum 2005	723	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,363	Carnuntum 2005	897	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,364	Carnuntum 2005	922	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,365	Carnuntum 2005	551	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,366	Carnuntum 2005	554	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)

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7,367	Carnuntum 2005	713	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,368	Carnuntum 2005	775	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,369	Carnuntum 2005	780	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,370	Carnuntum 2005	793	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,371	Carnuntum 2005	1017	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,372	Carnuntum 2005	1072	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,373	Carnuntum 2005	1096	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,374	Carnuntum 2005	957	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,375	Carnuntum 2005	1101	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,376	Carnuntum 2005	1075	Private Collection	Ring	1st century AD	1	100	Austria	Carnuntum	Iron	Jasper (brown)
7,377	de Clercq 1891-1912	3206	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Jasper (Brown)
7,378	Fitzwilliam 1994	162	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
7,379	Fitzwilliam 1994	164	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Agate
7,380	Fitzwilliam 1994	165	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
7,381	Xanten 1987/1994	134	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Brown)
7,382	Carnuntum 2005	547	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,383	Carnuntum 2005	606	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,384	Carnuntum 2005	671	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Jasper (brown)
7,385	Carnuntum 2005	731	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,386	Carnuntum 2005	745	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,387	Carnuntum 2005	1061	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,388	Carnuntum 2005	1080	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,389	Carnuntum 2005	590a	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,390	Carnuntum 2005	621a	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,391	Carnuntum 2005	623a	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (brown)
7,392	Carnuntum 2005	761a	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Jasper (brown)
7,393	Carnuntum 2005	877a	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Jasper (brown)
7,394	Carnuntum 2005	566	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,395	Carnuntum 2005	631	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Jasper (brown)
7,396	Carnuntum 2005	672	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,397	Carnuntum 2005	831	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,398	Carnuntum 2005	944	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,399	Carnuntum 2005	964	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,400	Carnuntum 2005	1074	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Jasper (brown)
7,401	Carnuntum 2005	1092	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,402	Carnuntum 2005	1093	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,403	Carnuntum 2005	1074a	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,404	Carnuntum 2005	661	Private Collection	Engraved Gem	AD 150 - 170	150	170	Austria	Carnuntum		Jasper (brown)
7,405	Carnuntum 2005	661a	Private Collection	Engraved Gem	AD 150 - 170	150	170	Austria	Carnuntum		Jasper (brown)
7,406	Carnuntum 2005	661b	Private Collection	Engraved Gem	AD 150 - 170	150	170	Austria	Carnuntum		Jasper (brown)
7,407	Carnuntum 2005	664	Private Collection	Engraved Gem	AD 200 - 215	200	215	Austria	Carnuntum		Jasper (brown)

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7,408	Carnuntum 2005	512	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,409	Carnuntum 2005	515	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,410	Carnuntum 2005	516	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,411	Carnuntum 2005	697	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,412	Carnuntum 2005	801	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Jasper (brown)
7,413	Carnuntum 2005	899	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,414	Carnuntum 2005	902	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,415	Carnuntum 2005	936	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,416	Carnuntum 2005	952	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,417	Carnuntum 2005	1073	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,418	Carnuntum 2005	1129	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Jasper (brown)
7,419	Carnuntum 2005	875	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (brown)
7,420	Carnuntum 2005	1118	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 4th century AD	101	400	Austria	Carnuntum		Jasper (brown)
7,421	Carnuntum 2005	595	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	AD 150	150	150	Austria	Carnuntum		Jasper (brown)
7,422	Carnuntum 2005	288	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,423	Carnuntum 2005	695	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,424	Carnuntum 2005	700	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (brown)
7,425	Carnuntum 2005	925	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Ring	3rd century AD	201	300	Austria	Carnuntum	Silver	Jasper (brown)
7,426	Carnuntum 2005	418	Private Collection of Unif. Prof. Bachmayr. Vienna	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,427	Carnuntum 2005	109	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (green)
7,428	Carnuntum 2005	706	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (green)
7,429	Carnuntum 2005	397	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,430	Carnuntum 2005	414	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Jasper (green)
7,431	Getty Online	82.AN.162.69	J. Paul Getty Museum	Engraved Gem	1st century BC	-100	-1				Jasper (green)
7,432	Naples 1994	223 (inv. 26500/661)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,433	Naples 1994	271 (inv. 27936/1191)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,434	Naples 1994	276 (inv. 27030/1185)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,435	Naples 1994	278 (inv. 27034/1189)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,436	Naples 1994	282 (inv. 27035/1190)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,437	Naples 1994	285 (inv. 27026/1181)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,438	Naples 1994	291 (inv. 27037/1192)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,439	Naples 1994	298 (inv. 27040/1195)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Green)
7,440	de Clercq 1891-1912	3151	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Jasper (green)
7,441	de Clercq 1891-1912	2892	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (green)
7,442	de Clercq 1891-1912	2910	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (green)
7,443	de Clercq 1891-1912	2918	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (green)
7,444	de Clercq 1891-1912	3192	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Iraq	Baghdad		Jasper (green)

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
7,445	de Clercq 1891-1912	2952	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (green)
7,446	de Clercq 1891-1912	3017	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (green)
7,447	de Clercq 1891-1912	3112	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (green)
7,448	de Clercq 1891-1912	3145	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (green)
7,449	de Clercq 1891-1912	3146	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (green)
7,450	Hendler 2016	84	Hendler Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Israel	Caesarea		Jasper (green)
7,451	Hendler 2016	22	Hendler Collection	Engraved Gem	mid 1st century BC - mid 1st century AD	-50	50	Israel	Caesarea		Jasper (green)
7,452	Aquileia 1966	126 (inv. 25105)	The National Archaeological Museum of Aquileia	Engraved Gem	43 BC - AD 18	-43	18	Italy	Aquileia		Jasper (green)
7,453	Guiraud 1988/2008	439	Dépôt de fouilles de Mâlain	Engraved Gem	1st - 2nd century AD	1	200	France	Mâlain		Jasper (green)
7,454	RMO online	GS-00763	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper (green)
7,455	AG Vienna	414	Kunsthistorisches Museum Wien	Engraved Gem	late 1st century BC - early 1st century AD	-25	25				Jasper (red)
7,456	AG Vienna	425	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Jasper (red)
7,457	Marshman 2016	79.00	Museum of London	Ring	1st - early 2nd century AD	1	125	Britain	London, Walbrook, National Safe Deposit Site 1873	Iron	Jasper (green)
7,458	Guiraud 1988/2008	20II	Musée Dobrée, Nantes	Ring	1st century AD	1	100	France	Talmond-Saint-Hilaire	Gold	Jasper (green)
7,459	Guiraud 1988/2008	859	Palais des Archevêques de Narbonne	Engraved Gem	1st century AD	1	100	France	Montlaurés		Jasper (green)
7,460	Aquileia 1966	768 (inv. 25986)	The National Archaeological Museum of Aquileia	Engraved Gem	early - mid 1st century AD	1	50	Italy	Aquileia		Jasper (green)
7,461	Guiraud 1988/2008	625	Musée Rolin, Autun, Autun	Ring	mid - late 1st century AD	50	100	France	Autun	Gold	Jasper (green)
7,462	Aquileia 1966	554 (inv. 26216)	The National Archaeological Museum of Aquileia	Engraved Gem	mid 1st century AD	50	75	Italy	Aquileia		Jasper (green)
7,463	Marshman 2016	71.11	National Museum of Scotland, Edinburgh	Ring	late 1st - early 2nd century AD	75	125	Britain	Strageath	Iron	Jasper (green)
7,464	Marshman 2016	111.00	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Jasper (green)
7,465	Marshman 2016	14.26	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Jasper (green)
7,466	Xanten 1987/1994	44	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Fürstenberg And Its Environs		Jasper (green)
7,467	Naples 1994	267 (inv. 26486/647)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (Green)
7,468	RMO online	GS-01018	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (green)
7,469	RMO online	GS-01019	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (green)
7,470	RMO online	GS-01026	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (green)
7,471	RMO online	GS-01094	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,472	RMO online	GS-01098	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,473	RMO online	GS-01100	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,474	RMO online	GS-01101	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,475	RMO online	GS-01102	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,476	RMO online	GS-01103	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,477	RMO online	GS-01106	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,478	RMO online	GS-01112	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)
7,479	RMO online	GS-01122	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (green)

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7,480	Marshman 2016	25.01	Dover Castle Unit HQ.	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Dover, Classis Britannica Fort Ii		Jasper (green)
7,481	Marshman 2016	4.14	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Jasper (green)
7,482	Marshman 2016	9.37	York Archaeological Trust	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York		Jasper (green)
7,483	Guiraud 1988/2008	49	Dépôt de fouilles, Escolives	Engraved Gem	2nd century AD	101	200	France	Les Souils		Jasper (green)
7,484	Guiraud 1988/2008	392	Dépôt de fouilles, Grand	Engraved Gem	2nd century AD	101	200	France	Grand		Jasper (green)
7,485	Getty Online	83.AN.437.24	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (green)
7,486	Getty Online	85.AN.370.37	J. Paul Getty Museum	Engraved Gem	1st - 4th century AD	1	400				Jasper (green)
7,487	Bologna 1987	153 (inv. Gl. 219)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (green)
7,488	Bologna 1987	244 (inv. Gl. 188)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (green)
7,489	RMO online	GS-00915	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Jasper (green)
7,490	Aquileia 1966	600 (inv. 25963)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Jasper (green)
7,491	Aquileia 1966	1263 (inv. 25931)	The National Archaeological Museum of Aquileia	Engraved Gem	late 2nd - early 3rd century AD	175	225	Italy	Aquileia		Jasper (green)
7,492	Marshman 2016	21.06	Colchester Castle Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Colchester		Jasper (green)
7,493	Marshman 2016	32.42	Corbridge Roman Site & Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Corbridge		Jasper (green)
7,494	Bologna 1987	252 (inv. Gl. 187)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Jasper (green)
7,495	Bologna 1987	253 (inv. Gl. 162)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Jasper (green)
7,496	Bologna 1987	148 (inv. Gl. 284)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Jasper (green)
7,497	Aquileia 1966	73 (inv. 25938)	The National Archaeological Museum of Aquileia	Engraved Gem	3rd century AD	201	300	Italy	Aquileia		Jasper (green)
7,498	Guiraud 1988/2008	878	Private Collection	Ring	1st half 4th century AD	301	350	France	Vermand	Gold	Jasper (green)
7,499	Marshman 2016	40.00	Great North Museum Hancock, Newcastle upon Tyne	Ring	4th century AD	301	400	Britain	Great Chester	Silver	Jasper (green)
7,500	Carnuntum 2005	344	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (green)
7,501	Carnuntum 2005	396	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (green)
7,502	Carnuntum 2005	794	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (green)
7,503	Carnuntum 2005	823	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Jasper (green)
7,504	Carnuntum 2005	1015	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (green)
7,505	Carnuntum 2005	92	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,506	Carnuntum 2005	230	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,507	Carnuntum 2005	402	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Jasper (green)
7,508	Carnuntum 2005	411	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,509	Carnuntum 2005	704	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,510	Carnuntum 2005	795	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,511	Carnuntum 2005	891	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Bronze	Jasper (green)
7,512	Carnuntum 2005	1011	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (green)
7,513	Naples 1994	220 (inv. 26517/678)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Grey)
7,514	Guiraud 1988/2008	879	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	4th century AD	301	400	France	Toulouse		Jasper (grey)
7,515	Guiraud 1988/2008	500	Musée Réattu, Arles	Engraved Gem	1st century BC	-100	-1	France	Arles		Jasper (bloodstone)
7,516	Naples 1994	268 (inv. 27044/1199)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Heliotrope)
7,517	Naples 1994	269 (inv. 27020/1175)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Heliotrope)
7,518	Naples 1994	270 (inv. 27232/1370)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Heliotrope)

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7,519	Naples 1994	275 (inv. 27018/1173)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Heliotrope)
7,520	Naples 1994	293 (inv. 27038/1193)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Heliotrope)
7,521	RMO online	GS-00367	National Museum of Antiquities, Leiden	Engraved Gem	mid 1st century BC - 1st century AD	-50	100				Jasper (bloodstone)
7,522	RMO online	GS-00247	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 1st century BC	-50	-1				Jasper (bloodstone)
7,523	Aquileia 1996	127 (inv. 887/73)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	last 1st century BC - early 1st century AD	-25	25				Jasper (bloodstone)
7,524	RMO online	GS-00626	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper (bloodstone)
7,525	RMO online	GS-00869	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper (bloodstone)
7,526	RMO online	GS-00873	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper (bloodstone)
7,527	BM online	1814,0704.1484	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Jasper (Heliotrope)
7,528	AG Vienna	377	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC	-100	-1				Jasper (Heliotrope)
7,529	Hendler 2016	225	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Jasper (bloodstone)
7,530	Guiraud 1988/2008	476	Musée Lautrec	Engraved Gem	1st - 3rd century AD	1	300	France	Brousse		Jasper (bloodstone)
7,531	RMO online	GS-00554	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Jasper (bloodstone)
7,532	RMO online	GS-00573	National Museum of Antiquities, Leiden	Ring	1st century AD	1	100			Gold	Jasper (bloodstone)
7,533	Aquileia 1966	324 (inv. 25927)	The National Archaeological Museum of Aquileia	Engraved Gem	1st century AD	1	100	Italy	Aquileia		Jasper (bloodstone)
7,534	Marshman 2016	49.18	National Museum of Wales	Ring	late 1st - early 2nd century AD	75	125	Britain	Loughor	Iron	Jasper (bloodstone)
7,535	Marshman 2016	32.06	National Roman Legion Museum, Caerleon	Ring	late 1st - early 2nd century AD	75	125	Britain	Caerleon	Iron	Jasper (bloodstone)
7,536	Marshman 2016	81.11	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Jasper (bloodstone)
7,537	Marshman 2016	81.00	Royal Albert Memorial Museum, Exeter	Engraved Gem	late 1st century AD	75	100	Britain	Tiverton, Bolham		Jasper (bloodstone)
7,538	Aquileia 1996	16 (inv. 1325/109	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 3rd century AD	75	300				Jasper (bloodstone)
7,539	Bologna 1987	134 (inv. Ori 140)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)
7,540	Bologna 1987	144 (inv. Gl. 67)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)
7,541	Bologna 1987	192 (inv. Gl. 101)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)
7,542	Bologna 1987	232 (inv. Gl. 125)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)
7,543	Bologna 1987	255 (inv. Gl. 234)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)
7,544	RMO online	GS-00950	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)
7,545	RMO online	GS-01023	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)
7,546	RMO online	GS-01024	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (bloodstone)

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7,547	RMO online	GS-01099	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (bloodstone)
7,548	RMO online	GS-01104	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (bloodstone)
7,549	RMO online	GS-01105	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (bloodstone)
7,550	RMO online	GS-01109	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (bloodstone)
7,551	RMO online	GS-01120	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (bloodstone)
7,552	RMO online	GS-01125	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (bloodstone)
7,553	RMO online	GS-01133	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (bloodstone)
7,554	Marshman 2016	17.35	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	London	Silver	Jasper (Heliotrope)
7,555	Getty Online	82.AN.162.95	J. Paul Getty Museum	Ring	late 1st - 2nd century AD	75	200	Italy			Jasper (bloodstone)
7,556	Marshman 2016	71.13	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Dryburgh Mains		Jasper (bloodstone)
7,557	Marshman 2016	25.00	National Museum of Wales	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Brecon		Jasper (bloodstone)
7,558	Getty Online	82.AN.162.78	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (bloodstone)
7,559	Getty Online	82.AN.162.61	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (bloodstone)
7,560	Getty Online	82.AN.162.60	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (bloodstone)
7,561	Getty Online	85.AN.370.35	J. Paul Getty Museum	Engraved Gem	1st - 4th century AD	1	400				Jasper (bloodstone)
7,562	Getty Online	84.AN.1.70	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Jasper (bloodstone)
7,563	AG Vienna	1634	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper (Heliotrope)
7,564	AG Vienna	456	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Jasper (red)
7,565	Guiraud 1988/2008	44	Musée Archéologique, Dijon	Engraved Gem	2nd century AD	101	200	France	Mont Beauvray		Jasper (bloodstone)
7,566	Bologna 1987	249 (inv. Gl. 198)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (bloodstone)
7,567	Guiraud 1988/2008	416	Palais des Archevêques de Narbonne	Engraved Gem	2nd century AD	101	200	France	Hérault		Jasper (bloodstone)
7,568	Hendler 2016	93	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Jasper (bloodstone)
7,569	Aquileia 1996	4 (inv. 1255/99)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (bloodstone)
7,570	RMO online	GS-00733	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (bloodstone)
7,571	Thorvaldsens online	i1680	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd - 4th century AD	101	400				Jasper (bloodstone)
7,572	Thorvaldsens online	i1681	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd - 4th century AD	101	400				Jasper (bloodstone)
7,573	Thorvaldsens online	i1227	Thorvaldsens Museum, Copenhagen	Engraved Gem	mid 2nd - 4th century AD	150	400				Jasper (bloodstone)
7,574	Marshman 2016	10.01	Reading Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Silchester		Jasper (bloodstone)

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7,575	Marshman 2016	40.04	Carmarthenshire Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Linney Burrows, Castlemartun		Jasper (bloodstone)
7,576	Marshman 2016	64.01	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Kingscotte, Chessalls		Jasper (bloodstone)
7,577	Marshman 2016	40.02	British Museum	Ring	late 2nd - 3rd century AD	175	300	Britain	Thetford	Gold	Jasper (Heliotrope)
7,578	Guiraud 1988/2008	487	Musée Réattu, Arles	Engraved Gem	early - mid 3rd century AD	201	250	France	Arles		Jasper (bloodstone)
7,579	Thorvaldsens online	i1285	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,580	Thorvaldsens online	i117	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,581	Thorvaldsens online	i300	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,582	Thorvaldsens online	i126	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,583	Thorvaldsens online	i1567	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,584	Thorvaldsens online	i172	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,585	Thorvaldsens online	i1564	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,586	Thorvaldsens online	i1440	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,587	Thorvaldsens online	i492	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,588	Thorvaldsens online	i1517	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
7,589	Marshman 2016	74.02	Private Collection	Engraved Gem	3rd century AD	201	300	Britain	Birdoswald		Jasper (bloodstone)
7,590	V&A online	1816-1869	Victoria & Albert Museum	Ring	AD 360 - 400	360	400			Gold	Agate, Onyx (Nicolo)
7,591	Marshman 2016	40.01	Reading Museum	Engraved Gem	3rd century AD	201	300	Britain	Silchester		Jasper (bloodstone)
7,592	Naples 1983	159 (inv. 158748)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Jasper (Heliotrope)
7,593	Carnuntum 2005	726	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Bronze	Jasper (orange)
7,594	Carnuntum 2005	991	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (orange)
7,595	Hendler 2016	58	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Jasper (Orange)
7,596	Carnuntum 2005	237	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (orange)
7,597	Carnuntum 2005	722	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (orange)
7,598	Carnuntum 2005	730	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Jasper (orange)
7,599	Carnuntum 2005	914	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (orange)
7,600	Carnuntum 2005	955	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (orange)
7,601	Carnuntum 2005	189	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (orange)
7,602	Carnuntum 2005	1088	Private Collection of Unif. Prof. Bachmayr. Vienna	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
7,603	Carnuntum 2005	1084	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Jasper (red)
7,604	Carnuntum 2005	583	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,605	Carnuntum 2005	923	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,606	Carnuntum 2005	1079	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,607	Carnuntum 2005	570	Kunsthistorisches Museum Wien	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Jasper (red)
7,608	Carnuntum 2005	770	Kunsthistorisches Museum Wien	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Jasper (red)
7,609	Carnuntum 2005	779	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,610	Carnuntum 2005	832	Kunsthistorisches Museum Wien	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Jasper (red)
7,611	Carnuntum 2005	840	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,612	Carnuntum 2005	1009	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,613	Carnuntum 2005	1014	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,614	Carnuntum 2005	224	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,615	Carnuntum 2005	298	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,616	Carnuntum 2005	675	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,617	Carnuntum 2005	719	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,618	Carnuntum 2005	776	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,619	Carnuntum 2005	958	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,620	Carnuntum 2005	1304	Museum Carnuntinum	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Jasper (red)
7,621	Carnuntum 2005	47	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Jasper (red)
7,622	Carnuntum 2005	245	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Jasper (red)
7,623	Carnuntum 2005	531	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Jasper (red)
7,624	Carnuntum 2005	164	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,625	Carnuntum 2005	508	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,626	Carnuntum 2005	532	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,627	Carnuntum 2005	568	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,628	Carnuntum 2005	600	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Jasper (red)
7,629	Carnuntum 2005	988	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,630	Carnuntum 2005	1063	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,631	Carnuntum 2005	1097	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,632	Carnuntum 2005	134	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,633	Carnuntum 2005	135	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,634	Carnuntum 2005	294	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,635	Carnuntum 2005	710	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,636	Carnuntum 2005	1066	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,637	Carnuntum 2005	1082	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,638	Carnuntum 2005	1083	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,639	Carnuntum 2005	1087	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,640	Carnuntum 2005	666	Museum Carnuntinum	Engraved Gem	AD 200	200	200	Austria	Carnuntum		Jasper (red)
7,641	Carnuntum 2005	179	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,642	Carnuntum 2005	238	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,643	Carnuntum 2005	473	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,644	Carnuntum 2005	480	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,645	Carnuntum 2005	742	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,646	Carnuntum 2005	805	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,647	Carnuntum 2005	853	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,648	Carnuntum 2005	257	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,649	Carnuntum 2005	789	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)

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7,650	Carnuntum 2005	828	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,651	Carnuntum 2005	848	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,652	Carnuntum 2005	660	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	AD 170	170	170	Austria	Carnuntum		Jasper (red)
7,653	Carnuntum 2005	350	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,654	Carnuntum 2005	420	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,655	Carnuntum 2005	904	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,656	Carnuntum 2005	759	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Jasper (red)
7,657	Carnuntum 2005	291	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,658	Carnuntum 2005	272	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,659	Carnuntum 2005	360	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,660	Carnuntum 2005	599	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,661	Carnuntum 2005	169	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,662	Carnuntum 2005	455	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,663	Carnuntum 2005	677	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,664	Carnuntum 2005	884	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
7,665	Carnuntum 2005	1303	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Jasper (red)
7,666	Carnuntum 2005	908	Private Collection	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Jasper (red)
7,667	Fitzwilliam 1994	166	Fitzwilliam Museum	Engraved Gem	20 BC	-20	-20				Carnelian
7,668	Fitzwilliam 1994	167	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
7,669	Carnuntum 2005	66	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,670	Carnuntum 2005	154	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,671	Carnuntum 2005	163	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,672	Carnuntum 2005	252	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,673	Carnuntum 2005	282	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,674	Carnuntum 2005	445	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,675	Carnuntum 2005	703	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,676	Carnuntum 2005	717	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,677	Carnuntum 2005	761	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,678	Carnuntum 2005	1062	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,679	Carnuntum 2005	1064	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,680	Carnuntum 2005	1068	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,681	Carnuntum 2005	1076	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (red)
7,682	Hendler 2016	151	Hendler Collection	Engraved Gem	2nd century BC - 2nd century AD	-200	200	Israel	Caesarea		Jasper (Red)
7,683	RMO online	GS-00300	National Museum of Antiquities, Leiden	Engraved Gem	1st century BC	-100	-1				Jasper (red)
7,684	Naples 1994	118 (inv. 26121/283)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Red)
7,685	Naples 1994	164 (inv. 26081/240? 243?)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Red)

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7,686	Naples 1994	221 (inv. 26723/884)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Red)
7,687	Naples 1994	254 (inv. 26391/552)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Red)
7,688	Naples 1994	294 (inv. 26324/485)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Red)
7,689	Hendler 2016	8	Hendler Collection	Engraved Gem	1st century BC - 2nd century AD	-100	200	Israel	Caesarea		Jasper (Red)
7,690	Guiraud 1988/2008	905	Musée Réattu	Engraved Gem	1st century BC - 3rd century AD	-100	300	France	Arles		Jasper (Red)
7,691	de Clercq 1891-1912	3150	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Jasper (Red)
7,692	de Clercq 1891-1912	2919	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Jasper (Red)
7,693	de Clercq 1891-1912	2986	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Jasper (Red)
7,694	de Clercq 1891-1912	2950	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,695	de Clercq 1891-1912	2976	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,696	de Clercq 1891-1912	3013	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Jasper (Red)
7,697	de Clercq 1891-1912	3034	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (Red)
7,698	de Clercq 1891-1912	3106	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (Red)
7,699	de Clercq 1891-1912	3071	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,700	de Clercq 1891-1912	3077	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,701	de Clercq 1891-1912	3079	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,702	de Clercq 1891-1912	3143	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (Red)
7,703	de Clercq 1891-1912	3187	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (Red)
7,704	de Clercq 1891-1912	3153	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,705	de Clercq 1891-1912	3175	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,706	de Clercq 1891-1912	3316	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (Red)
7,707	de Clercq 1891-1912	3204	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,708	de Clercq 1891-1912	3254	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Jasper (Red)
7,709	de Clercq 1891-1912	3326	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Jasper (Red)
7,710	Hendler 2016	149	Hendler Collection	Engraved Gem	1st century BC - mid 1st century AD	-100	50	Israel	Caesarea		Jasper (Red)
7,711	Hendler 2016	126	Hendler Collection	Engraved Gem	1st century BC - mid 1st century AD	-100	50	Israel	Caesarea		Jasper (Red)
7,712	Hendler 2016	121	Hendler Collection	ring	1st century BC - 3rd century AD	-100	300	Israel	Caesarea	Iron	Jasper (Red)
7,713	Hendler 2016	230	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Jasper (Red)
7,714	Hendler 2016	231	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Jasper (Red)
7,715	Aquileia 1996	14 (inv. 750/298)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century BC - early 1st century AD	-100	25				Jasper (Red)
7,716	Guiraud 1988/2008	523	Musée Archéologique, Bavay	Engraved Gem	mid - late 1st century BC	-50	-1	France	Bavay		Jasper (Red)
7,717	Guiraud 1988/2008	284	Private Collection	Engraved Gem	43 BC - AD 18	-43	18	France	Marloux		Jasper (Red)
7,718	Guiraud 1988/2008	448	Private Collection	Engraved Gem	late 1st century BC - 1st century AD	-25	100	France	Gièvres		Jasper (Red)
7,719	Guiraud 1988/2008	576	Société Archéologique, Béziers	Engraved Gem	late 1st century BC - early 1st century AD	-25	25	France	Béziers		Jasper (Red)
7,720	Hendler 2016	78	Hendler Collection	Engraved Gem	1st - early 2nd century AD	1	125	Israel	Caesarea		Jasper (Red)
7,721	Getty Online	85.AN.370.33	J. Paul Getty Museum	Engraved Gem	1st - 4th century AD	1	400				Jasper (Red)
7,722	Hendler 2016	146	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Jasper (Red)
7,723	Hendler 2016	157	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Jasper (Red)
7,724	Hendler 2016	4	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Jasper (Red)
7,725	Hermitage Online	17765	Hermitage Museum	Earring	1st century AD	1	100	Italy	Rome	Gold	Pearl
7,726	Guiraud 1988/2008	313	Musée Archéologique regional, Saint-Pere	Engraved Gem	1st - 2nd century AD	1	200	France	Fontaines-Salées		Jasper (Red)
7,727	Guiraud 1988/2008	578	Musée Archéologique, Bavay	Engraved Gem	1st - 2nd century AD	1	200	France	Bavay		Jasper (Red)

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7,728	Guiraud 1988/2008	243	Musée Archéologique, Lattes	Engraved Gem
7,729	Guiraud 1988/2008	220	Musée Archéologique, Mountmaurin	Engraved Gem
7,730	Guiraud 1988/2008	898	Musée Archéologique, Saintes	Engraved Gem
7,731	Guiraud 1988/2008	19	Musée Bertrand	Engraved Gem
7,732	Guiraud 1988/2008	48	Musée Ingres, Montauban	Engraved Gem
7,733	Guiraud 1988/2008	305	Musée Joseph Déchelette, Roanne	Engraved Gem
7,734	Guiraud 1988/2008	577	Musée Réattu, Arles	Engraved Gem
7,735	Guiraud 1988/2008	693	Musée Rolin, Autun, Autun	Engraved Gem
7,736	Carnuntum 2005	57	Private Collection	Engraved Gem
7,737	RMO online	GS-00758	National Museum of Antiquities, Leiden	Engraved Gem
7,738	RMO online	GS-00738	National Museum of Antiquities, Leiden	Engraved Gem
7,739	RMO online	GS-00739	National Museum of Antiquities, Leiden	Engraved Gem
7,740	RMO online	GS-00742	National Museum of Antiquities, Leiden	Engraved Gem
7,741	RMO online	GS-00745	National Museum of Antiquities, Leiden	Engraved Gem
7,742	RMO online	GS-00748	National Museum of Antiquities, Leiden	Engraved Gem
7,743	RMO online	GS-00749	National Museum of Antiquities, Leiden	Engraved Gem
7,744	RMO online	GS-00750	National Museum of Antiquities, Leiden	Engraved Gem
7,745	RMO online	GS-00751	National Museum of Antiquities, Leiden	Engraved Gem
7,746	RMO online	GS-00753	National Museum of Antiquities, Leiden	Engraved Gem
7,747	RMO online	GS-00754	National Museum of Antiquities, Leiden	Engraved Gem
7,748	RMO online	GS-00755	National Museum of Antiquities, Leiden	Engraved Gem
7,749	RMO online	GS-00756	National Museum of Antiquities, Leiden	Engraved Gem
7,750	RMO online	GS-00757	National Museum of Antiquities, Leiden	Engraved Gem
7,751	RMO online	GS-00759	National Museum of Antiquities, Leiden	Engraved Gem
7,752	RMO online	GS-00760	National Museum of Antiquities, Leiden	Engraved Gem
7,753	RMO online	GS-00761	National Museum of Antiquities, Leiden	Engraved Gem
7,754	RMO online	GS-00762	National Museum of Antiquities, Leiden	Engraved Gem
7,755	RMO online	GS-00764	National Museum of Antiquities, Leiden	Engraved Gem
7,756	RMO online	GS-00765	National Museum of Antiquities, Leiden	Engraved Gem
7,757	RMO online	GS-00766	National Museum of Antiquities, Leiden	Engraved Gem
7,758	RMO online	GS-00768	National Museum of Antiquities, Leiden	Engraved Gem
7,759	Carnuntum 2005	70	Private Collection	Engraved Gem
7,760	Fitzwilliam 1994	168	Fitzwilliam Museum	Engraved Gem
7,761	Fitzwilliam 1994	169	Fitzwilliam Museum	Engraved Gem
7,762	AG Vienna	437	Kunsthistorisches Museum Wien	Ring
7,763	Hendler 2016	164	Hendler Collection	Engraved Gem
7,764	Hendler 2016	226	Hendler Collection	Blank Gem
7,765	Hendler 2016	33	Hendler Collection	Engraved Gem
7,766	Guiraud 1988/2008	896	Musée Bertrand	Engraved Gem
7,767	Guiraud 1988/2008	919	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem
7,768	Guiraud 1988/2008	915	Musée gallo-romain de Lyon-Fourvière	Ring
7,769	Guiraud 1988/2008	916	Musée Lons-le-Saunier	Engraved Gem
7,770	Guiraud 1988/2008	895	Musée Sainte-Croix	Engraved Gem
7,771	Aquileia 1996	69 (inv. 1108/48)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem
7,772	Fitzwilliam 1994	226	Fitzwilliam Museum	Engraved Gem
7,773	Fitzwilliam 1994	227	Fitzwilliam Museum	Engraved Gem
7,774	Fitzwilliam 1994	228	Fitzwilliam Museum	Engraved Gem
7,775	Fitzwilliam 1994	229	Fitzwilliam Museum	Engraved Gem

Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st - 2nd century AD	1	200	France	Lattes		Jasper (Red)
1st - 2nd century AD	1	200	France	Mountmarin		Jasper (Red)
1st - 2nd century AD	1	200	France	Saintes		Jasper (Red)
1st - 2nd century AD	1	200	France	Giroux		Jasper (Red)
1st - 2nd century AD	1	200	France	Montauban		Jasper (Red)
1st - 2nd century AD	1	200	France	Roanne		Jasper (Red)
1st - 2nd century AD	1	200	France	Arles		Jasper (Red)
1st - 2nd century AD	1	200	France	Autun		Jasper (Red)
2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
1st - 2nd century AD	1	200	

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7,776	Fitzwilliam 1994	230	Fitzwilliam Museum	Engraved Gem	50 BC - AD 50	-50	50				Carnelian
7,777	Fitzwilliam 1994	231	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Sardonyx
7,778	Carnuntum 2005	71	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,779	Hendler 2016	25	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Jasper (Red)
7,780	Hendler 2016	68	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Jasper (Red)
7,781	Xanten 1987/1994	140	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)
7,782	Guiraud 1988/2008	763	Musée Archéologique, Brenteuil-sur-Noye	Engraved Gem	1st century AD	1	100	France	Vendeuil-Caply		Jasper (Red)
7,783	Guiraud 1988/2008	613	Musée Archéologique, Châtillon-sur-Seine	Engraved Gem	1st century AD	1	100	France	Vertault		Jasper (Red)
7,784	Guiraud 1988/2008	812	Musée Archéologique, Nîmes	Engraved Gem	1st century AD	1	100	France	Nîmes		Jasper (Red)
7,785	Guiraud 1988/2008	76	Musée Départemental des Vosges	Engraved Gem	1st century AD	1	100	France	Grand		Jasper (Red)
7,786	Guiraud 1988/2008	255	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	1st century AD	1	100	France	Boistray		Jasper (Red)
7,787	Guiraud 1988/2008	382	Musée Réattu, Arles	Engraved Gem	1st century AD	1	100	France	Cabassole		Jasper (Red)
7,788	Guiraud 1988/2008	290	Musée, Melun	Engraved Gem	1st century AD	1	100	France	Melun		Jasper (Red)
7,789	Bologna 1987	106 (inv. Gl. 206)	Museo Civico Archeologico di Bologna	Engraved Gem	1st century AD	1	100				Jasper (Red)
7,790	Guiraud 1988/2008	764	Private Collection	Ring	1st century AD	1	100	France	Vendeuil-Caply	Gold	Jasper (Red)
7,791	Guiraud 1988/2008	755	Private Collection	Engraved Gem	1st century AD	1	100	France	Augers-En-Brie		Jasper (Red)
7,792	Guiraud 1988/2008	940	Private Collection	Engraved Gem	1st century AD	1	100	France	Avignon		Jasper (Red)
7,793	Aquileia 1966	1291 (inv. 25290)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Jasper (Red)
7,794	Guiraud 1988/2008	131	Musée Départemental des Antiquités, Rouen	Ring	mid - late 1st century AD	50	100	France	Conteville	Gold	Jasper (Red)
7,795	Hendler 2016	69	Hendler Collection	Engraved Gem	mid 1st - 3rd century AD	50	300	Israel	Caesarea		Jasper (Red)
7,796	Aquileia 1966	537 (inv. 25729)	The National Archaeological Museum of Aquileia	Engraved Gem	mid 1st century AD	50	75	Italy	Aquileia		Jasper (Red)
7,797	Aquileia 1966	646 (inv. 25750)	The National Archaeological Museum of Aquileia	Engraved Gem	mid 1st century AD	50	75	Italy	Aquileia		Jasper (Red)
7,798	Guiraud 1988/2008	912	Centre de documentation archéologique, Angers	Engraved Gem	late 1st - early 2nd century AD	75	125	France	Angers		Jasper (Red)
7,799	Marshman 2016	66.23	Chester Site Museum	Engraved Gem	AD 96 - 192	96	192	Britain	Chester		Jasper (Red)
7,800	Marshman 2016	9.16	Private Collection	Engraved Gem	AD 96 - 192	96	192	Britain	Corbridge		Jasper (Red)
7,801	Marshman 2016	22.03	Private Collection	Engraved Gem	late 1st - mid 2nd century AD	75	150	Britain	Nettleton		Jasper (Red)
7,802	Marshman 2016	22.02	Segedunum Roman Fort & Museum	Engraved Gem	late 1st - mid 2nd century AD	75	150	Britain	Wallsend		Jasper (Red)
7,803	Marshman 2016	17.12	University of Reading	Ring	late 1st - mid 2nd century AD	75	150	Britain	Silchester	Iron	Jasper (Red)
7,804	Marshman 2016	3.00	Shrewsbury Museum & Art Gallery	Engraved Gem	late 1st - mid 2nd century AD	75	150	Britain	Wroxeter		Jasper (Red)
7,805	Getty Online	85.AN.370.54	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (Red)
7,806	Bologna 1987	170 (inv. Gl. 126)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st - early 2nd century AD	75	125				Jasper (Red)
7,807	Marshman 2016	14.68	Vindolanda Site Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chesterholm		Jasper (Red)
7,808	Marshman 2016	66.16	Private Collection	Engraved Gem	early 2nd century AD	101	125	Britain	Gloucester, Nr		Jasper (Red)
7,809	Marshman 2016	31.39	Bowes Museum	Engraved Gem	early 2nd century AD	101	125	Britain	Piercebridge		Jasper (Red)
7,810	Hendler 2016	26	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Jasper (Red)
7,811	Hendler 2016	42	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Jasper (Red)
7,812	Xanten 1987/1994	118	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)
7,813	Xanten 1987/1994	133	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)

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7,814	Bologna 1987	156 (inv. Gl. 38)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (Red)
7,815	Bologna 1987	173 (inv. Gl. 95)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (Red)
7,816	Guiraud 1988/2008	217	Centre de Recherches Archéologiques	Engraved Gem	2nd - 3rd century AD	101	300	France	Saint-Marcel		Jasper (Red)
7,817	Guiraud 1988/2008	932	Centre de recherches archéologiques, Saint Marcel	Engraved Gem	2nd - 3rd century AD	101	300	France	Saint-Marcel		Jasper (Red)
7,818	Guiraud 1988/2008	127	Dépôt archaéologique, Sarthe	Engraved Gem	2nd - 3rd century AD	101	300	France	Aubigné-Racan		Jasper (Red)
7,819	Getty Online	85.AN.370.56	J. Paul Getty Museum	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (Red)
7,820	Getty Online	84.AN.1.76	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Jasper (bloodstone)
7,821	Carnuntum 2005	120	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,822	Guiraud 1988/2008	230	Musée Archéologique ed Minéralogique	Engraved Gem	2nd - 3rd century AD	101	300	France	Aime		Jasper (Red)
7,823	Guiraud 1988/2008	257	Musée Champagnole	Engraved Gem	2nd - 3rd century AD	101	300	France	Équevillon		Jasper (Red)
7,824	Guiraud 1988/2008	946	Musée d'Art et d'Histoire, Geneve	Ring	2nd - 3rd century AD	101	300	France	Cruseilles	Gold	Jasper (Red)
7,825	Guiraud 1988/2008	126	Musée Départemental des Antiquités, Rouen	Ring	2nd - 3rd century AD	101	300	France	Rouen	Gold	Jasper (Red)
7,826	Guiraud 1988/2008	167	Musée Dobrée, Nantes	Engraved Gem	2nd - 3rd century AD	101	300	France	Le Bernard		Jasper (Red)
7,827	Carnuntum 2005	196	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,828	Carnuntum 2005	289	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,829	RMO online	GS-00969	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (red)
7,830	RMO online	GS-00970	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (red)
7,831	RMO online	GS-01017	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (red)
7,832	RMO online	GS-01021	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (red)
7,833	RMO online	GS-01027	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (red)
7,834	Guiraud 1988/2008	471	Palais des Archevêques de Narbonne	Engraved Gem	2nd - 3rd century AD	101	300	France	Hérault		Jasper (Red)
7,835	Carnuntum 2005	334	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,836	Carnuntum 2005	410	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
7,837	RMO online	GS-01087	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (red)
7,838	RMO online	GS-01088	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (red)
7,839	RMO online	GS-01089	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (red)
7,840	RMO online	GS-01090	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (red)
7,841	RMO online	GS-01093	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (red)
7,842	RMO online	GS-01095	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (red)
7,843	RMO online	GS-01097	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (red)
7,844	Xanten 1987/1994	191	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - early 3rd century AD	75	225	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
7,845	Marshman 2016	9.33	Painted House Museum, Dover	Engraved Gem	late 1st - early 3rd century AD	75	225	Britain	Dover		Jasper (Red)
7,846	Marshman 2016	9.51	Arbeia Roman Fort & Museum	Ring	late 1st - 2nd century AD	75	200	Britain	South Shields	Iron	Jasper (Red)
7,847	Marshman 2016	16.82	Arbeia Roman Fort & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Shields		Jasper (Red)
7,848	Marshman 2016	98.06	Arbeia Roman Fort & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Shields		Jasper (Red)
7,849	Marshman 2016	102.09	Arbeia Roman Fort & Museum	Ring	late 1st - 2nd century AD	75	200	Britain	South Shields	Iron	Jasper (Red)
7,850	Marshman 2016	32.19	Arbeia Roman Fort & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Schields		Jasper (Red)
7,851	Marshman 2016	9.00	Bristol Museum & Art Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Charterhouse-On-Mendip		Jasper (Red)
7,852	Marshman 2016	5.01	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Warlingham		Jasper (Red)
7,853	Marshman 2016	17.07	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Colchester		Jasper (Red)
7,854	Marshman 2016	17.11	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Great Chesterford		Jasper (Red)

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7,855	Marshman 2016	17.46	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Bartlow		Jasper (Red)
7,856	Marshman 2016	31.45	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Sandy Lodge, Rickmansworth		Jasper (Red)
7,857	Marshman 2016	41.23	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Malton, 'Orchard Fields		Jasper (Red)
7,858	Marshman 2016	64.03	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Great Chesterford, Borough Field		Jasper (Red)
7,859	Marshman 2016	37.00	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Jasper (Red)
7,860	Marshman 2016	81.04	Carmarthenshire Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Camarthen		Jasper (Red)
7,861	Marshman 2016	31.00	Chelmsford Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Billericai		Jasper (Red)
7,862	Marshman 2016	50.00	Chester Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chester Site Museum		Jasper (Red)
7,863	Marshman 2016	16.660	Colchester Castle Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Colchester	Iron	Jasper (Red)
7,864	Marshman 2016	14.71	Corbridge Roman Site & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Corbridge		Jasper (Red)
7,865	Marshman 2016	16.00	Corbridge Roman Site & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Corbridge		Jasper (Red)
7,866	Marshman 2016	67.01	Corbridge Roman Site & Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Corbridge	Iron	Jasper (Red)
7,867	Marshman 2016	118.05	Corbridge Roman Site & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Corbridge		Jasper (Red)
7,868	Marshman 2016	118.01	Corbridge Roman Site & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Corbridge		Jasper (Red)
7,869	Marshman 2016	119.00	Corbridge Roman Site & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Corbridge		Jasper (Red)
7,870	Marshman 2016	85.06	Corinium Museum, Cirencester	Ring	late 1st - 2nd century AD	75	200	Britain	Cirencester	Iron	Jasper (Red)
7,871	Marshman 2016	85.07	Corinium Museum, Cirencester	Ring	late 1st - 2nd century AD	75	200	Britain	The Ditches'	Iron	Jasper (Red)
7,872	Marshman 2016	14.58	Corpus Christi College, University of Cambridge	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Charterhouse-On-Mendip		Jasper (Red)
7,873	Xanten 1987/1994	173	des Rheinischen Landesmuseums Bonn	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
7,874	Marshman 2016	78.11	Great North Museum Hancock, Newcastle upon Tyne	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Shields		Jasper (Red)
7,875	Marshman 2016	109.02	English Heritage Aldborough Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Aldborough		Jasper (Red)
7,876	Marshman 2016	16.87	English Heritage Store Atcham	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Jasper (Red)
7,877	Getty Online	82.AN.162.46	J. Paul Getty Museum	Ring	1st - 2nd century AD	1	200	Italy		Gold	Jasper (Red)
7,878	Getty Online	82.AN.162.63	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (Red)
7,879	Marshman 2016	16.07	Grosvenor Museum, Chester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chester		Jasper (Red)
7,880	Marshman 2016	49.09	Grosvenor Museum, Chester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Heronbridge		Jasper (Red)
7,881	Marshman 2016	118.08	Guernsey Museum & Art Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	St. Peter Port, Bonded Store Site, Guernsey		Jasper (Red)
7,882	Marshman 2016	118.19	Harlow Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Harlow		Jasper (Red)
7,883	Hendler 2016	5	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Jasper (Red)
7,884	Hendler 2016	24	Hendler Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Israel	Caesarea		Jasper (Red)
7,885	Marshman 2016	9.24	Hereford Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Kenchester		Jasper (Red)
7,886	Marshman 2016	16.34	Hereford Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Kenchester	Silver	Jasper (Red)
7,887	Marshman 2016	17.11	Housesteads Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Housteads		Jasper (Red)
7,888	Marshman 2016	85.10	Housesteads Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Housesteads		Jasper (Red)
7,889	Marshman 2016	17.53	Hull & East Riding Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Brough		Jasper (Red)
7,890	Marshman 2016	14.27	Jewry Wall Museum, Leicester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Leicester		Jasper (Red)
7,891	Marshman 2016	36.04	Letchworth Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Baldock, Wallsfield		Jasper (Red)

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7,892	Marshman 2016	118.02	Lower Winskill Farm, collection of Tom Lord	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Attermier Cave, Near Settle		Jasper (Red)
7,893	Xanten 1987/1994	122	LVR-Archäologischer Park Xanten	Ring	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung	Gold	Jasper (Red)
7,894	Xanten 1987/1994	113	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)
7,895	Xanten 1987/1994	114	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)
7,896	Xanten 1987/1994	119	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)
7,897	Xanten 1987/1994	131	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)
7,898	Xanten 1987/1994	146	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Jasper (Red)
7,899	Xanten 1987/1994	156	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
7,900	Xanten 1987/1994	196	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
7,901	Xanten 1987/1994	246	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
7,902	Marshman 2016	16.11	Lydney Park Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Lydney Park		Jasper (Red)
7,903	Marshman 2016	15.00	Maidstone Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Cranbrook		Jasper (Red)
7,904	Marshman 2016	25.11	Maidstone Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Lyminge	Bronze, Iron	Jasper (Red)
7,905	Marshman 2016	8.14	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Jasper (Red)
7,906	Marshman 2016	9.31	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Jasper (Red)
7,907	Marshman 2016	13.02	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London Wall		Jasper (Red)
7,908	Marshman 2016	14.57	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Jasper (Red)
7,909	Marshman 2016	16.44	Museum of London	Ring	late 1st - 2nd century AD	75	200	Britain	London	Iron	Jasper (Red)
7,910	Marshman 2016	23.11	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London Murgate Street		Jasper (Red)
7,911	Marshman 2016	48.00	Museum of London	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London, Walbrook, Bank Of England		Jasper (Red)
7,912	Marshman 2016	118.00	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Binchester		Jasper (Red)
7,913	Marshman 2016	8.06	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Canterbury		Jasper (Red)
7,914	Marshman 2016	8.12	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Canterbury		Jasper (Red)
7,915	Marshman 2016	9.01	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,916	Marshman 2016	9.62	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Binchester		Jasper (Red)
7,917	Marshman 2016	12.07	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Cambridge		Jasper (Red)
7,918	Marshman 2016	13.01	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerwent		Jasper (Red)

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7,919	Marshman 2016	15.01	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Slay Hill Saltings		Jasper (Red)
7,920	Marshman 2016	16.83	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Piercebridge	Iron	Jasper (Red)
7,921	Marshman 2016	17.11	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Binchester		Jasper (Red)
7,922	Marshman 2016	17.12	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Piercebridge	Iron	Jasper (Red)
7,923	Marshman 2016	21.50	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Charterhouse-On-Mendip		Jasper (Red)
7,924	Marshman 2016	21.51	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Canterboury		Jasper (Red)
7,925	Marshman 2016	31.09	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Birrens	Iron	Jasper (Red)
7,926	Marshman 2016	32.08	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Poltross Burn Milecastle		Jasper (Red)
7,927	Marshman 2016	50.01	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,928	Marshman 2016	71.00	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	East Wear Bay, Folkestone		Jasper (Red)
7,929	Marshman 2016	122.14	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London, Draper'S Garden		Jasper (Red)
7,930	Marshman 2016	85.09	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Charterhouse-On-Mendip		Jasper (Red)
7,931	Marshman 2016	120.14	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Richborough		Jasper (Red)
7,932	Marshman 2016	32.40	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Jasper (Red)
7,933	Marshman 2016	16.730	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Jasper (Red)
7,934	Marshman 2016	17.11	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Jasper (Red)
7,935	Marshman 2016	57.00	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Newstead		Jasper (Red)
7,936	Marshman 2016	32.30	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,937	Marshman 2016	49.02	National Roman Legion Museum, Caerleon	Ring	late 1st - 2nd century AD	75	200	Britain	Caerleon	Silver (Debased)	Jasper (Red)
7,938	Marshman 2016	49.10	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,939	Marshman 2016	50.02	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,940	Marshman 2016	50.06	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,941	Marshman 2016	71.26	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,942	Marshman 2016	88.08	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,943	Marshman 2016	102.06	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,944	Marshman 2016	104.04	National Roman Legion Museum, Caerleon	Ring	late 1st - 2nd century AD	75	200	Britain	Caerleon	Iron?	Jasper (Red)
7,945	Marshman 2016	118.06	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,946	Marshman 2016	118.20	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,947	Marshman 2016	17.08	National Roman Legion Museum, Caerleon	Ring	late 1st - 2nd century AD	75	200	Britain	Caerleon	Iron	Jasper (Red)
7,948	Marshman 2016	9.26	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)

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7,949	Marshman 2016	10.02	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,950	Marshman 2016	14.35	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,951	Marshman 2016	14.61	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,952	Marshman 2016	14.72	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,953	Marshman 2016	15.06	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,954	Marshman 2016	16.01	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,955	Marshman 2016	17.41	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,956	Marshman 2016	17.55	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Red)
7,957	Marshman 2016	85.08	Newport Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Caerleon, Mill Street	Iron	Jasper (Red)
7,958	Marshman 2016	71.25	Peterborough City Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Orton Hall Farm, Orton Longueville		Jasper (Red)
7,959	Marshman 2016	17.11	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Castlesteads		Jasper (Red)
7,960	Marshman 2016	17.11	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Canterbury		Jasper (Red)
7,961	Marshman 2016	17.34	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Thistleton		Jasper (Red)
7,962	Marshman 2016	21.22	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Jasper (Red)
7,963	Marshman 2016	39.18	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Saint Albans, Suburb		Jasper (Red)
7,964	Marshman 2016	105.24	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Binchester		Jasper (Red)
7,965	Marshman 2016	118.03	Private Collection of A. Harrison	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Kirmington		Jasper (Red)
7,966	Marshman 2016	42.01	Private Collection of H. Sands	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Owmby		Jasper (Red)
7,967	Marshman 2016	17.00	Reading Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Silchester		Jasper (Red)
7,968	Marshman 2016	118.07	Reading Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Silchester		Jasper (Red)
7,969	Marshman 2016	66.25	University of Reading	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Silchester, Insula Ix		Jasper (Red)
7,970	Marshman 2016	102.08	Richborough Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Richborough		Jasper (Red)
7,971	Marshman 2016	49.14	Segedunum Roman Fort & Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wallsend		Jasper (Red)
7,972	Marshman 2016	16.25	Shrewsbury Museum & Art Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Jasper (Red)
7,973	Marshman 2016	17.11	Shrewsbury Museum & Art Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Wroxeter		Jasper (Red)
7,974	Marshman 2016	13.00	South Shields Museum & Art Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	South Shields		Jasper (Red)
7,975	Marshman 2016	17.11	The Higgins Museum, Bedford	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Ruxox		Jasper (Red)
7,976	Marshman 2016	17.47	Tullie House Museum, Carlisle	Ring	late 1st - 2nd century AD	75	200	Britain	Poltross Burn Milecastle	Iron	Jasper (Red)
7,977	Marshman 2016	17.10	Tullie House Museum, Carlisle	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Ravenglass		Jasper (Red)
7,978	Marshman 2016	85.11	Tullie House Museum, Carlisle	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	High House Milecastle		Jasper (Red)
7,979	Marshman 2016	98.05	Tullie House Museum, Carlisle	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Birdoswald		Jasper (Red)
7,980	Marshman 2016	9.17	Verulamium Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Saint Albans		Jasper (Red)
7,981	Marshman 2016	1.16	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Jasper (Red)
7,982	Marshman 2016	3.15	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Jasper (Red)
7,983	Marshman 2016	5.02	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Jasper (Red)
7,984	Marshman 2016	17.40	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Jasper (Red)

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7,985	Marshman 2016	49.03	Vindolanda Site Museum	Engraved Gem
7,986	Marshman 2016	53.08	Vindolanda Site Museum	Engraved Gem
7,987	Marshman 2016	72.03	Vindolanda Site Museum	Engraved Gem
7,988	Marshman 2016	88.09	Wakefield Museum	Engraved Gem
7,989	Marshman 2016	104.00	Wakefield Museum	Engraved Gem
7,990	Marshman 2016	88.10	Wiltshire Heritage Museum, Devizes	Ring
7,991	Marshman 2016	75.03	Winchester City Museum	Engraved Gem
7,992	Wright 2001	16	Wright Collection	Engraved Gem
7,993	Marshman 2016	118.14	Wroxeter Site Museum	Engraved Gem
7,994	Marshman 2016	9.12	York Archaeological Trust	Engraved Gem
7,995	Marshman 2016	9.13	York Archaeological Trust	Engraved Gem
7,996	Marshman 2016	21.52	York Archaeological Trust	Engraved Gem
7,997	Marshman 2016	9.07	Yorkshire Museum, York	Engraved Gem
7,998	Marshman 2016	9.29	Yorkshire Museum, York	Engraved Gem
7,999	Marshman 2016	25.42	Yorkshire Museum, York	Engraved Gem
8,000	Guiraud 1988/2008	391	Dépôt de fouilles, Mâlain	Ring
8,001	Getty Online	82.AN.162.80	J. Paul Getty Museum	Ring
8,002	Getty Online	82.AN.370.55	J. Paul Getty Museum	Engraved Gem
8,003	Getty Online	83.AN.437.35	J. Paul Getty Museum	Engraved Gem
8,004	Getty Online	79.AN.126.1	J. Paul Getty Museum	Engraved Gem
8,005	Getty Online	83.AN.437.37	J. Paul Getty Museum	Engraved Gem
8,006	Getty Online	83.AN.353.7	J. Paul Getty Museum	Engraved Gem
8,007	Getty Online	82.AN.162.66	J. Paul Getty Museum	Engraved Gem
8,008	Getty Online	81.AN.106.4	J. Paul Getty Museum	Engraved Gem
8,009	Getty Online	85.AN.370.53	J. Paul Getty Museum	Engraved Gem
8,010	Getty Online	83.AN.353.6	J. Paul Getty Museum	Engraved Gem
8,011	Getty Online	81.AN.39.1	J. Paul Getty Museum	Engraved Gem
8,012	Getty Online	85.AN.370.52	J. Paul Getty Museum	Engraved Gem
8,013	Getty Online	82.AN.162.80.a	J. Paul Getty Museum	Engraved Gem
8,014	Getty Online	80.AN.43.2	J. Paul Getty Museum	Engraved Gem
8,015	Getty Online	82.AN.162.64	J. Paul Getty Museum	Engraved Gem
8,016	Getty Online	83.AN.437.49	J. Paul Getty Museum	Engraved Gem
8,017	Getty Online	84.AN.1.89	J. Paul Getty Museum	Engraved Gem
8,018	Getty Online	84.AN.1.80	J. Paul Getty Museum	Engraved Gem
8,019	Getty Online	84.AN.1.48	J. Paul Getty Museum	Engraved Gem
8,020	Getty Online	83.AN.256.2	J. Paul Getty Museum	Engraved Gem
8,021	Getty Online	81.AN.39.5	J. Paul Getty Museum	Engraved Gem
8,022	Getty Online	82.AN.162.67	J. Paul Getty Museum	Engraved Gem
8,023	Getty Online	82.AN.162.65	J. Paul Getty Museum	Engraved Gem
8,024	Carnuntum 2005	492	Private Collection	Engraved Gem
8,025	Guiraud 1988/2008	275	Musée Aaint-Didier, Langres	Engraved Gem
8,026	Guiraud 1988/2008	703	Musée Archéologique, Bavay	Engraved Gem
8,027	Guiraud 1988/2008	270	Musée Archéologique, Lattes	Ring

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late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	Chesterholm (Vindolanda)		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	Castleford		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	Castleford		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	Easton Grey	Iron	Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	Winchester, The Brooks (Insula Xxiii)		Jasper (Red)
late 1st - 2nd century AD	75	200	Macedonia	Ohrid		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	Wroxeter, Baths Basilica		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	York		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	York		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	York		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	York		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	York		Jasper (Red)
late 1st - 2nd century AD	75	200	Britain	York, Fishergate		Jasper (Red)
2nd century AD	101	200	France	Mâlain	Gold	Jasper (Red)
2nd century AD	101	200			Gold	Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd - 4th century AD	101	400				Jasper (bloodstone)
2nd - 4th century AD	101	400				Jasper (Red)
2nd - 4th century AD	101	400				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd century AD	101	200				Jasper (Red)
2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
2nd century AD	101	200	France	Langres		Jasper (Red)
2nd century AD	101	300	France	Bavay		Jasper (Red)
2nd century AD	101	200	France	Lattes	Gold	Jasper (Red)

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8,028	Guiraud 1988/2008	808	Musée Barrois, Bar-le-Duc	Engraved Gem	2nd century AD	101	200	France	Naix-Aux-Forges		Jasper (Red)
8,029	Guiraud 1988/2008	114	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring	2nd century AD	101	200	France	Échevronne		Jasper (Red)
8,030	Guiraud 1988/2008	169	Musée de la Société Archéologique, Avesnes-sur-Helpe	Engraved Gem	2nd century AD	101	200	France	Bavay		Jasper (Red)
8,031	Guiraud 1988/2008	583	Musée gallo-romain de Lyon-Fourvière	Ring	2nd century AD	101	200	France	Boistray	Gold	Jasper (Red)
8,032	Guiraud 1988/2008	754	Musée gallo-romain de Lyon-Fourvière	Ring	2nd century AD	101	200	France	Boistray		Jasper (Red)
8,033	Guiraud 1988/2008	834	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	2nd century AD	101	200	France	Lyon		Jasper (Red)
8,034	Guiraud 1988/2008	256	Musée Réattu, Arles	Engraved Gem	2nd century AD	101	200	France	Arles		Jasper (Red)
8,035	Guiraud 1988/2008	542	Musée Rolin, Autun, Autun	Ring	2nd century AD	101	200	France	Autun	Gold	Jasper (Red)
8,036	Guiraud 1988/2008	276	Musée, Alise-Sainte-Reine	Engraved Gem	2nd century AD	101	200	France	Alésia		Jasper (Red)
8,037	Bologna 1987	139 (inv. Gl. 287)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (Red)
8,038	Bologna 1987	194 (inv. Gl. 42)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (Red)
8,039	Bologna 1987	231 (inv. Gl. 123)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (Red)
8,040	Bologna 1987	240 (inv. Gl. 258)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (Red)
8,041	Carnuntum 2005	601	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,042	Carnuntum 2005	623	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,043	Guiraud 1988/2008	369	Museum of Fine Arts, Boston	Ring	2nd century AD	101	200	France	Metz	Gold	Jasper (Red)
8,044	Marshman 2016	87.01	Museum of London	Engraved Gem	2nd century AD	101	200	Britain	London, Eldon Street		Jasper (Red)
8,045	Marshman 2016	128.07	Private Collection	Engraved Gem	2nd century AD	101	200	Britain	Binchester		Jasper (Red)
8,046	Marshman 2016	122.07	Private Collection	Engraved Gem	2nd century AD	101	200	Britain	Haversham, Linford Hill Field		Jasper (Red)
8,047	Marshman 2016	88.01	National Museum of Scotland, Edinburgh	Engraved Gem	2nd century AD	101	200	Britain	Newstead		Jasper (Red)
8,048	Marshman 2016	122.06	National Roman Legion Museum, Caerleon	Engraved Gem	2nd century AD	101	200	Britain	Caerleon		Jasper (Red)
8,049	Marshman 2016	125.00	National Roman Legion Museum, Caerleon	Engraved Gem	2nd century AD	101	200	Britain	Caerleon		Jasper (Red)
8,050	Carnuntum 2005	648	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,051	Carnuntum 2005	670	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,052	Carnuntum 2005	689	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,053	Guiraud 1988/2008	400	Private Collection	Engraved Gem	2nd century AD	101	200	France	Rollancourt		Jasper (Red)
8,054	Aquileia 1966	56 (inv. 48815)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper (Red)
8,055	Aquileia 1966	529 (inv. 25825)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper (Red)
8,056	Aquileia 1966	563 (inv. 25270)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper (Red)
8,057	Aquileia 1966	652 (inv. 25920)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper (Red)
8,058	Aquileia 1966	950 (inv. R. C. 1228)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper (Red)
8,059	Aquileia 1996	32 (inv. 1219/119)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (Red)
8,060	Aquileia 1996	61 (inv. 1062/171)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (Red)
8,061	Aquileia 1996	78 (inv. 1125/293)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (Red)
8,062	RMO online	GS-00732	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,063	RMO online	GS-00734	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)

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8,064	RMO online	GS-00735	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,065	RMO online	GS-00736	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,066	RMO online	GS-00737	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,067	RMO online	GS-00741	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,068	RMO online	GS-00743	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,069	RMO online	GS-00744	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,070	RMO online	GS-00746	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,071	RMO online	GS-00747	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,072	RMO online	GS-00752	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200				Jasper (red)
8,073	Hendler 2016	89	Hendler Collection	Engraved Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Jasper (Red)
8,074	Hendler 2016	232	Hendler Collection	Blank Gem	late 1st - early 3rd century AD	75	300	Israel	Caesarea		Jasper (Red)
8,075	Marshman 2016	1.34	English Heritage Store, Atcham	Engraved Gem	late 1st - mid 2nd century AD	75	150	Britain	Wroxeter		Jasper (Red)
8,076	Marshman 2016	118.10	Norwich Castle Museum	Ring	early - Mid 2nd century AD	101	175	Britain	Caistor St Edmund, River Tas	Iron	Jasper (Red)
8,077	Marshman 2016	105.21	Shrewsbury Museum & Art Gallery	Engraved Gem	early - Mid 2nd century AD	101	175				Jasper (Red)
8,078	Getty Online	85.AN.444.8	J. Paul Getty Museum	Engraved Gem	c. AD 120 - 140	120	140				Jasper (Red)
8,079	Marshman 2016	91.00	British Museum	Ring	mid 2nd century AD	126	175	Britain	Colchester	Iron	Jasper (Red)
8,080	Marshman 2016	49.00	Corbridge Roman Site & Museum	Ring	mid 2nd century AD	126	175	Britain	Corbridge	Silver	Jasper (Red)
8,081	Marshman 2016	133.03	Newark & Sherwood Museum Service	Ring	mid 2nd century AD	126	175	Britain	Barnby-In-The-Willows	Iron	Jasper (Red)
8,082	Marshman 2016	32.29	Private Collection	Engraved Gem	AD 138 - 161	138	161	Britain	Catterick, Bainess		Jasper (Red)
8,083	Marshman 2016	17.86	York Minister Collection	Engraved Gem	AD 138 - 180	138	180	Britain	York		Jasper (Red)
8,084	Hendler 2016	118	Hendler Collection	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Israel	Caesarea		Jasper (Red)
8,085	Guiraud 1988/2008	514	Private Collection	Engraved Gem	mid - late 2nd century AD	150	200	France	Le Fief-Sauvin		Jasper (Red)
8,086	Marshman 2016	15.07	Eccles Excavation Committee	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Eccles		Jasper (Red)
8,087	Marshman 2016	9.11	Jewry Wall Museum, Leicester	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Leicester		Jasper (Red)
8,088	Marshman 2016	77.00	Vindolanda Site Museum	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Chesterholm (Vindolanda)		Jasper (Red)
8,089	Marshman 2016	25.52	English Heritage Store Atcham	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Wroxeter		Jasper (Red)
8,090	Xanten 1987/1994	151	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 2nd century AD	150	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
8,091	Xanten 1987/1994	182	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 2nd century AD	150	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
8,092	Xanten 1987/1994	203	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 2nd century AD	150	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
8,093	Guiraud 1988/2008	510	Musée, Nuits-Saint-Georges	Engraved Gem	mid - late 2nd century AD	150	200	France	Les Bolards		Jasper (Red)
8,094	Marshman 2016	68.01	Corinium Museum, Cirencester	Engraved Gem	AD 150 - 192	150	192	Britain	The Ditches'		Jasper (Red)
8,095	Marshman 2016	129.03	Painted House Museum, Dover	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Dover, Classis Britannica Fort Baths		Jasper (Red)
8,096	Marshman 2016	21.08	Painted House Museum, Dover	Engraved Gem	mid 2nd - early 3rd century AD	150	225	Britain	Dover		Jasper (Red)
8,097	Marshman 2016	107.28	National Roman Legion Museum, Caerleon	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Caerleon		Jasper (Red)
8,098	Marshman 2016	38.00	Painted House Museum, Dover	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Dover, Classis Britannica Fort Bath		Jasper (Red)

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8,099	Marshman 2016	93.05	Painted House Museum, Dover	Engraved Gem	Mid 2nd - early 3rd century AD	150	225	Britain	Dover, Classis Britannica Fort Bath		Jasper (Red)
8,100	Marshman 2016	9.10	Painted House Museum, Dover	Engraved Gem	mid 2nd century - early 3rd century AD	150	225	Britain	Dover		Jasper (Red)
8,101	Guiraud 1988/2008	137	Centre de Recherches Archéologiques	Engraved Gem	AD 150	150	150	France	Saint-Marcel		Jasper (Red)
8,102	Marshman 2016	66.24	Tullie House Museum, Carlisle	Engraved Gem	Mid 2nd century AD	150	175	Britain	Bewcastle		Jasper (Red)
8,103	Wright 2001	8	Wright Collection	Engraved Gem	mid - late 2nd century AD	150	200	Turkey	Ordu		Jasper (Red)
8,104	Marshman 2016	98.03	Hunterian Museum, Glasgow	Ring	AD 158	158	158	Britain	Bearsden	Iron	Jasper (Red)
8,105	Guiraud 1988/2008	513	Musée Évreux	Engraved Gem	AD 160 - 170	160	170	France	Vieil-Évreux		Jasper (Red)
8,106	Marshman 2016	17.15	Vindolanda Site Museum	Engraved Gem	AD 160 - 180	161	180	Britain	Chesterholm		Jasper (Red)
8,107	Carnuntum 2005	736	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,108	Getty Online	83.AN.353.2	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (bloodstone)
8,109	Marshman 2016	9.25	Corbridge Roman Site & Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Corbridge		Jasper (Red)
8,110	Marshman 2016	8.11	Eastbourne Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Bullock Down		Jasper (Red)
8,111	Marshman 2016	8.32	English Heritage Portchester Castle Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Portchester		Jasper (Red)
8,112	Marshman 2016	21.29	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Wroxeter		Jasper (Red)
8,113	Marshman 2016	16.20	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Caerleon		Jasper (Red)
8,114	Marshman 2016	16.790	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Caerleon		Jasper (Red)
8,115	Marshman 2016	17.11	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - early 3rd century AD	175	215	Britain	Caerleon		Jasper (Red)
8,116	Marshman 2016	21.45	Painted House Museum, Dover	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Dover		Jasper (Red)
8,117	Marshman 2016	14.69	The Novium Museum, Chichester	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chichester		Jasper (Red)
8,118	Marshman 2016	18.00	Verulamium Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Saint Albans		Jasper (Red)
8,119	Marshman 2016	15.03	Vindolanda Site Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm	Iron	Jasper (Red)
8,120	Marshman 2016	16.12	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Jasper (Red)
8,121	Marshman 2016	16.70	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Jasper (Red)
8,122	Marshman 2016	16.710	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Jasper (Red)
8,123	Marshman 2016	17.14	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Jasper (Red)
8,124	Marshman 2016	17.20	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Jasper (Red)
8,125	Marshman 2016	16.84	Yorkshire Museum, York	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	York		Jasper (Red)
8,126	Marshman 2016	68.02	Corbridge Roman Site & Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Corbridge		Jasper (Red)
8,127	Marshman 2016	67.09	Great North Museum Hancock, Newcastle upon Tyne	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	South Shields		Jasper (Red)
8,128	Marshman 2016	71.12	Hereford Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Kenchester		Jasper (Red)
8,129	Marshman 2016	117.00	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Ribchester Bath House		Jasper (Red)
8,130	Marshman 2016	85.12	National Roman Legion Museum, Caerleon	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Caerleon		Jasper (Red)
8,131	Marshman 2016	73.01	Painted House Museum, Dover	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Dover, Classis Britannica Fort Bath		Jasper (Red)
8,132	Marshman 2016	89.18	Segedunum Roman Fort & Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Wallsend		Jasper (Red)
8,133	Marshman 2016	66.18	Tullie House Museum, Carlisle	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Birdoswald		Jasper (Red)
8,134	Marshman 2016	35.01	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm (Vindolanda)		Jasper (Red)
8,135	Marshman 2016	28.05	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Cheterholm/ Vindolanda		Jasper (Red)
8,136	Marshman 2016	25.33	Private Collection	Ring	late 2nd - early 3rd Century AD	175	225	Britain	Harlow, Nr	Silver	Jasper (Red)

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8,137	Marshman 2016	25.57	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd Century AD	175	225	Britain	Chesterholm (Vindolanda)		Jasper (Red)
8,138	Marshman 2016	25.12	Jewry Wall Museum, Leicester	Ring	late 2nd century AD	175	200	Britain	Leicester, Silver Street	Silver	Jasper (Red)
8,139	Marshman 2016	25.07	Private Collection	Ring	late 2nd century AD	175	200	Britain	Bishop Auckland	Iron	Jasper (Red)
8,140	Bologna 1987	243 (inv. Gl. 193)	Museo Civico Archeologico di Bologna	Engraved Gem	late 2nd century AD	175	200				Jasper (Red)
8,141	Xanten 1987/1994	204	LVR-Archäologischer Park Xanten	Engraved Gem	late 2nd century AD	175	200	Germany	Andere Fundorte / Ohne Fundort		Jasper (Red)
8,142	Guiraud 1988/2008	17	Musée Rolin, Autun	Engraved Gem	late 2nd century AD	175	200	France	Autun		Jasper (Red)
8,143	Marshman 2016	17.52	Private Collection	Engraved Gem	late 2nd century AD	175	200	Britain	Broughton Lodge		Jasper (Red)
8,144	Marshman 2016	28.04	Vindolanda Site Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Cheterholm/ Vindolanda		Jasper (Red)
8,145	Marshman 2016	66.04	South Shields Museum & Art Gallery	Engraved Gem	AD 188 - 217	188	217	Britain	South Shields		Jasper (Red)
8,146	CHRE	7163	Private Collection	Ring	AD 198 - 268	198	268	France	Saint-Boil	Gold	Jasper (Red)
8,147	Marshman 2016	66.03	National Museum of Scotland, Edinburgh	Engraved Gem	early 3rd century AD	201	225	Britain	Newstead		Jasper (Red)
8,148	Guiraud 1988/2008	457	Musée du Berry	Engraved Gem	3rd - 4th century AD	201	400	France	Saint-Satur		Jasper (Red)
8,149	Thorvaldsens online	i549	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400			Iron	Jasper (red)
8,150	Getty Online	83.AN.437.48	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Jasper (Red)
8,151	Aquileia 1996	44 (inv. 1263/351)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd - 3rd century AD	175	300				Jasper (Red)
8,152	Aquileia 1996	57 (inv. 961/250)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 2nd - 3rd century AD	175	300				Jasper (Red)
8,153	Marshman 2016	32.58	Arbeia Roman Fort & Museum	Ring	3rd century AD	201	300	Britain	South Shields	Gold	Jasper (Red)
8,154	Getty Online	82.AN.162.87	J. Paul Getty Museum	Engraved Gem	3rd - 4th century AD	201	400				Jasper (bloodstone)
8,155	Marshman 2016	122II	Heritage Eastbourne	Ring	3rd century AD	201	300	Britain	Bullock Down (The Vicinity Of The Romano-British Farmstead), Eastbourne, Sussex, England, Uk	Silver	Jasper (Red)
8,156	Carnuntum 2005	788	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,157	Marshman 2016	71.17	Metropolitan Museum of Art, New York	Ring	3rd century AD	201	300	Britain	Yorkshire'	Silver & Gold	Jasper (Red)
8,158	Guiraud 1988/2008	320	Musée Archéologique, Guiry	Engraved Gem	3rd century AD	201	300	France	Guiry-En-Vexin		Jasper (Red)
8,159	Guiraud 1988/2008	346	Musée Bertrand	Engraved Gem	3rd century AD	201	300	France	Giroux		Jasper (Red)
8,160	Guiraud 1988/2008	393	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	3rd century AD	201	300	France	Vaison-La-Romaine		Jasper (Red)
8,161	Carnuntum 2005	798	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,162	Carnuntum 2005	926	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,163	Marshman 2016	61.01	Museum of Gravesend Historical Society	Engraved Gem	3rd century AD	201	300	Britain	Springhead		Jasper (Red)
8,164	Carnuntum 2005	938	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,165	Carnuntum 2005	970	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,166	Carnuntum 2005	1000	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,167	Carnuntum 2005	1005	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,168	Marshman 2016	118.04	Warwickshire County Museum	Ring	3rd century AD	201	300	Britain	Burton Dasset	Gold	Jasper (Red)

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8,169	Marshman 2016	48.02	Private Collection	Engraved Gem	3rd century AD	201	300	Britain	Chesterholm (Vindolanda)		Jasper (Red)
8,170	Marshman 2016	93.04	Vindolanda Site Museum	Engraved Gem	3rd century AD	201	300	Britain	Chesterholm (Vindolanda)		Jasper (Red)
8,171	Carnuntum 2005	1098	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,172	Carnuntum 2005	140	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,173	Carnuntum 2005	147	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,174	Carnuntum 2005	186	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,175	Carnuntum 2005	190	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,176	Carnuntum 2005	259	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,177	Carnuntum 2005	332	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,178	Carnuntum 2005	448	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Jasper (red)
8,179	Carnuntum 2005	484	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Jasper (red)
8,180	Carnuntum 2005	618	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,181	Carnuntum 2005	642	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,182	Carnuntum 2005	711	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,183	Carnuntum 2005	729	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,184	Carnuntum 2005	887	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Iron	Jasper (red)
8,185	Carnuntum 2005	916	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,186	Carnuntum 2005	945	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Gold	Jasper (red)
8,187	Carnuntum 2005	946	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,188	Carnuntum 2005	981	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,189	Carnuntum 2005	1103	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,190	Carnuntum 2005	333	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,191	Carnuntum 2005	408	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,192	Carnuntum 2005	909	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (red)
8,193	Carnuntum 2005	214	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (red)
8,194	Carnuntum 2005	277	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (Red)
8,195	Getty Online	81.AN.106.2	J. Paul Getty Museum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (white)
8,196	Carnuntum 2005	392	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st - 3rd century AD	1	300	France	Châteaudun		Jasper (White)
8,197	Guiraud 1988/2008	707	Musée Châteaudun	Ring	1st century AD	1	100	France	Naix-Aux-Forges		Jasper (White)
8,198	Guiraud 1988/2008	329	Musée Barrois, Bar-le-Duc	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Carmarthen		Jasper (White)
8,199	Marshman 2016	1.32	Carmarthenshire Museum	Engraved Gem	2nd - 3rd century AD	101	300	France	Mandeure		Jasper (White)
8,200	Guiraud 1988/2008	14	Musée Château de Montbéliard	Engraved Gem	2nd century AD	101	200				Jasper (White)
8,201	Bologna 1987	183 (inv. Gl. 97)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (yellow)
8,202	Carnuntum 2005	33	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Jasper (yellow)
8,203	Carnuntum 2005	820	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (yellow)
8,204	Carnuntum 2005	851	Museum Carnuntinum	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Jasper (yellow)
8,205	Carnuntum 2005	965	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (yellow)
8,206	Carnuntum 2005	416	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (yellow)
8,207	Carnuntum 2005	825	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Jasper (yellow)
8,208	Carnuntum 2005	810	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum	Iron	Jasper (yellow)
8,209	Carnuntum 2005	1015a	Private Collection	Ring							

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
8,210	Naples 1994	146 (inv. 27313/1451)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Yellow)
8,211	Naples 1994	273 (inv. 27022/1177)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Yellow)
8,212	Naples 1994	290 (inv.264666/627)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Yellow)
8,213	Naples 1994	292 (inv. 26557/718)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Jasper (Yellow)
8,214	de Clercq 1891-1912	2939	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Yellow)
8,215	de Clercq 1891-1912	3361	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Jasper (Yellow)
8,216	Hendler 2016	111	Hendler Collection	ring	late 1st century BC - early 2nd century AD	-25	125	Israel	Caesarea	Iron	Jasper (Yellow)
8,217	RMO online	GS-00767	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Jasper (yellow)
8,218	AG Vienna	1823	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper (yellow)
8,219	AG Vienna	1670	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Jasper (yellow)
8,220	Hendler 2016	227	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Jasper (Yellow)
8,221	Vesuvius 1997	123 (inv. 39585)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem	1st century AD	1	100	Italy	Pompeii		Jasper (Yellow)
8,222	Venice 1999	64 (inv. G 552)	The National Archaeological Museum, Venice	Engraved Gem	1st century AD	1	100	Croatia	Dalmatia		Jasper (Yellow)
8,223	Aquileia 1966	1410 (inv. 26001)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Jasper (Yellow)
8,224	Aquileia 1966	639 (inv. 25347)	The National Archaeological Museum of Aquileia	Engraved Gem	mid 1st century AD	50	75	Italy	Aquileia		Jasper (Yellow)
8,225	Marshman 2016	117.07	Harlow Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Harlow, Holbrooks		Jasper (Yellow)
8,226	Xanten 1987/1994	175	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Andere Fundorte / Ohne Fundort		Jasper (Yellow)
8,227	Xanten 1987/1994	230	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 3rd century AD	75	300	Germany	Andere Fundorte / Ohne Fundort		Jasper (Yellow)
8,228	Getty Online	85.AN.444.3	J. Paul Getty Museum	Engraved Gem	2nd - 4th century AD	101	400				Jasper (Yellow)
8,229	RMO online	GS-01020	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Jasper (yellow)
8,230	Wright 2001	26	Wright Collection	Engraved Gem	2nd - 3rd century AD	101	300	Turkey	Istambul		Jasper (Yellow)
8,231	RMO online	GS-01091	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (yellow)
8,232	RMO online	GS-01114	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (yellow)
8,233	RMO online	GS-01115	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (yellow)
8,234	RMO online	GS-01117	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (yellow)
8,235	RMO online	GS-01119	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Jasper (yellow)
8,236	Marshman 2016	3.05	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	England'	Iron	Jasper (Yellow)
8,237	Marshman 2016	32.31	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Jasper (Yellow)
8,238	Wright 2001	24	Wright Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Croatia	Split		Jasper (Yellow)

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8,239	Marshman 2016	31.43	York Archaeological Trust	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York, North Street Pumping Station		Jasper (Yellow)
8,240	Guiraud 1988/2008	211	Dépôt de fouilles, Thonon	Engraved Gem	2nd century AD	101	200	France	Grand		Jasper (Yellow)
8,241	Getty Online	80.AN.43.4	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (Yellow)
8,242	Guiraud 1988/2008	652	Musée Départemental des Vosges	Engraved Gem	2nd century AD	101	200	France	D'Epinal		Jasper (Yellow)
8,243	Bologna 1987	185 (inv. Gl. 61)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Jasper (Yellow)
8,244	Aquileia 1966	752 (inv. 25389)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Jasper (Yellow)
8,245	Marshman 2016	89.20	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Ribchester, Bath House		Jasper (Yellow)
8,246	Marshman 2016	89.24	Museum of London	Engraved Gem	late 2nd century AD	175	200	Britain	London, Southwark, Lant		Jasper (Yellow)
8,247	Marshman 2016	89.19	Wroxeter Site Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Wroxeter Bath/ Macellum		Jasper (Yellow)
8,248	Bologna 1987	135 (inv. Gl. 214)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Jasper (Yellow)
8,249	Bologna 1987	248 (inv. Gl. 202)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Jasper (Yellow)
8,250	Guiraud 1988/2008	712	Dépôt de fouilles de Mâlain	Ring	3rd century AD	201	300	France	Mâlain	Gold	Jasper (Yellow)
8,251	Getty Online	82.AN.162.68	J. Paul Getty Museum	Engraved Gem	2nd - 3rd century AD	101	300			Silver	Jasper (Yellow)
8,252	Marshman 2016	32.02	English Heritage Store Dover	Engraved Gem	3rd century AD	201	300	Britain	Richborough		Jasper (Yellow)
8,253	Aquileia 1966	1399 (inv. 26006)	The National Archaeological Museum of Aquileia	Engraved Gem	late 3rd century AD	275	300	Italy	Aquileia		Jasper (Yellow)
8,254	Carnuntum 2005	693	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (yellow)
8,255	Carnuntum 2005	826	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Jasper (yellow)
8,256	BM online	1867,0508.46	British Museum	Earring	3rd century AD	201	300			Gold	Lapis Lazuli
8,257	Met Online	1994.230.2	Metropolitan Museum of Art, New York	Pendant	2nd - 3rd century AD	101	300			Gold, Silver	Jasper, Pearl
8,258	Met Online	41.160.642	Metropolitan Museum of Art, New York	Engraved Gem	2nd century AD	101	200				Lapis Lazuli
8,259	BM online	1867,0507.545	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Lapis Lazuli
8,260	MFA online	98.758	Museum of Fine Arts, Boston	Engraved Gem	2nd - 3rd century AD	101	300				Onyx
8,261	MFA online	1972.967	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 4th century AD	-100	400				Onyx
8,262	Met Online	81.6.236	Metropolitan Museum of Art, New York	Engraved Gem	3rd - 1st century BC	-300	-1			Gold	Lapis Lazuli
8,263	Met Online	81.6.211	Metropolitan Museum of Art, New York	Pendant	3rd - 1st century BC	-300	-1			Gold	Lapis Lazuli
8,264	BM online	2506.11	British Museum	Bead	300 BC - AD 300	-300	300	Egypt	Naukratis		Lapis Lazuli
8,265	BM online	1899,1201.72	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Amethyst
8,266	Israel online	76.42.2465	The Israel Museum, Jerusalem	Ring	100 BC	-100	-100			Gold	Lapis Lazuli
8,267	Guiraud 1988/2008	42	Private Collection	Engraved Gem	1st century BC	-100	-1	France	Le Fief-Sauvin		Lapis Lazuli
8,268	BM online	1890,0601.138	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Amethyst
8,269	Naples 1983	127 (inv. 27391)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 3rd century AD	-100	300	Italy	Capua		Lapis Lazuli
8,270	Hague 1978	182	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Egypt			Carnelian
8,271	Ashmolean Online	AN1962.438	Ashmolean Museum	Necklace	1st - 2nd century AD	1	200	Italy		Gold	Lapis Lazuli

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8,272	BM online	1865,0721.68	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Amethyst
8,273	Met Online	11.195.6	Metropolitan Museum of Art, New York	Engraved Gem	50 - 40 BC	-50	-40				Amethyst
8,274	AG Munich	2556	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Lapis Lazuli
8,275	BM online	1894,1106.5	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,276	BM online	1842,0728.13	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,277	BM online	1756,0102.13	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,278	BM online	1756,0102.120	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,279	BM online	1756,0102.3	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,280	BM online	1867,0507.294	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,281	BM online	1895,0621.6	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,282	BM online	1865,0712.88	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,283	BM online	1879,0617.4	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,284	BM online	1892,1103.116	British Museum	Engraved Gem	1st - 5th century AD	1	500				Lapis Lazuli
8,285	BM online	1892,1103.105	British Museum	Engraved Gem	1st - 5th century AD	1	500				Lapis Lazuli
8,286	Penn Online	29-128-376	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,287	Fitzwilliam 1994	232	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
8,288	Fitzwilliam 1994	233	Fitzwilliam Museum	Engraved Gem	10 - 1 BC	-10	-1				Carnelian
8,289	El-Kachab 1963	14	Private Collection	Engraved Gem	1st - 3rd century AD	1	300	Egypt	Alexandria		Lapis Lazuli
8,290	Penn Online	29-128-2457	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st - 4th century AD	1	400				Lapis Lazuli
8,291	Marshman 2016	100.23	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Camerton		Lapis Lazuli
8,292	Marshman 2016	140.04	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Camerton		Lapis Lazuli
8,293	Guzzo 2003	IV.91-92	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century AD	1	100	Italy	Pompeii	Iron	Lapis Lazuli
8,294	Guzzo 2003	IV.514	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100				Lapis Lazuli
8,295	AG Munich	2368	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 4th century AD	1	400			Gold	Lapis Lazuli
8,296	V&A online	8800-1863	Victoria & Albert Museum	Earring	AD 73 - 243	73	243	Turkey	Tarsus	Gold	Lapis Lazuli
8,297	CHRE	9378	Private Collection	Pendant	AD 81 -244	81	244	France	Vinay	Silver	Lapis Lazuli
8,298	CHRE	8668	Private Collection	Ring	2nd - 3rd century AD	101	300				Lapis Lazuli
8,299	Bologna 1987	245 (inv. Gl. 292)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
8,300	Bologna 1987	246 (inv. Gl. 275)	Museo Civico Archeologico di Bologna	Engraved Gem	1st - 3rd century AD	1	300	Britain	Caerleon		Lapis Lazuli
8,301	Penn Online	29-128-1147	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	2nd - 4th century AD	101	400				Lapis Lazuli
8,302	Getty Online	83.AN.437.56	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200	Egypt			Lapis Lazuli
8,303	AG Vienna	1964	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
8,304	RMO online	GS-01050	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
8,305	AG Munich	2491	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
8,306	AG Munich	2676	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Carnelian
8,307	AGD Hannover	740	Museum August Kestner-Hannover	Engraved Gem	2nd - 7th century AD	101	700				Lapis Lazuli
8,308	RMO online	GS-01131	National Museum of Antiquities, Leiden	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Colchester		Lapis Lazuli
8,309	Marshman 2016	6.00	Colchester Castle Museum	Engraved Gem	1st century AD	1	100				Carnelian
8,310	AGD Hannover	1025	Museum August Kestner-Hannover	Engraved Gem	1st -2nd century AD	1	200				Carnelian
8,311	AGD Hannover	1026	Museum August Kestner-Hannover	Engraved Gem	AD 1 - 50	75	200				Carnelian
8,312	AGD Hannover	1027	Museum August Kestner-Hannover	Engraved Gem	3rd century AD	201	300			Gold	Sardonyx
8,313	BM online	1917,0501.81	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
8,314	BM online	1917,0501.53	British Museum	Ring	1st - 3rd century AD	1	300				Lapis Lazuli
8,315	BM online	1814,0704.1621	British Museum	Engraved Gem	1st century BC - 2nd century AD	-100	200				Lapis Lazuli
8,316	BM online	1917,0501.489	British Museum	Engraved Gem	2nd -1st century BC	-200	-1	Egypt		Silver	Lapis Lazuli
8,317	BM online	EA65405	British Museum	Earring	2nd -1st century BC	-200	-1	Egypt		Silver	Lapis Lazuli
8,318	BM online	EA65406	British Museum	Earring							

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8,319	Getty Online	82.AN.162.38	J. Paul Getty Museum	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
8,320	Met Online	1972.118.170	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Amethyst
8,321	Met Online	81.6.307	Metropolitan Museum of Art, New York	Engraved Gem	2nd -3rd century AD	101	300				Jasper (yellow)
8,322	Met Online	21.88.48	Metropolitan Museum of Art, New York	Engraved Gem	50 - 25 BC	-50	-25				Carnelian
8,323	AG Munich	2445	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Lapis Lazuli
8,324	BM online	1923,0401.25	British Museum	Engraved Gem	AD 138 - 192	138	192				Lapis Lazuli
8,325	AG Vienna	1997	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Egypt			Lapis Lazuli
8,326	Bologna 1987	235 (inv. Gl. 124)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Lapis Lazuli
8,327	Bologna 1987	257 (inv. Gl. 309)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Lapis Lazuli
8,328	Bologna 1987	259 (inv. Gl. 283)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Lapis Lazuli
8,329	Thorvaldsens online	i635	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Lapis Lazuli
8,330	Thorvaldsens online	i272	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Lapis Lazuli
8,331	Thorvaldsens online	i1665	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Lapis Lazuli
8,332	Thorvaldsens online	i1146	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Lapis Lazuli
8,333	BM online	OA.9671	British Museum	Engraved Gem	3rd century AD	201	300			Gold	Lapis Lazuli
8,334	BM online	OA.10007	British Museum	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
8,335	BM online	20,050,815.30	British Museum	Engraved Gem	2nd century AD	101	200				Lapis Lazuli
8,336	BM online	EA18561	British Museum	Engraved Gem	1st century BC	-100	-1				Lapis Lazuli
8,337	BM online	1756,0102.128	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,338	BM online	1842,0728.13	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Lapis Lazuli
8,339	BM online	1892,1103.12	British Museum	Engraved Gem	1st - 5th century AD	1	500				Lapis Lazuli
8,340	BM online	1814,0704.1128	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Lapis Lazuli
8,341	BM online	1872,0604.976	British Museum	Ring	3rd - 5th century AD	201	500			Silver	Lapis Lazuli
8,342	Bologna 1987	204 (inv. Gl. 209)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd century AD	201	300				Lapis Lazuli
8,343	Walters Online	42.998	Walters Art Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Lapis Lazuli
8,344	BM online	1917,0601.30	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Garnet
8,345	AGD Berlin	515	Staatliche Museen zu Berlin	Engraved Gem	3rd century AD	201	300				Lapis Lazuli
8,346	BM online	1917,0501.80	British Museum	Ring	3rd century AD	201	300			Gold	Sardonyx
8,347	Guiraud 1988/2008	53	Musée Hyères	Engraved Gem	3rd century AD	201	300	France	Hyères		Lapis Lazuli
8,348	Guiraud 1988/2008	54	Musée Sainte-Croix	Engraved Gem	3rd century AD	201	300	France	Poitiers		Lapis Lazuli
8,349	Guiraud 1988/2008	586	Private Collection	Engraved Gem	3rd century AD	201	300	France	Neuville-Sur-Ain		Lapis Lazuli
8,350	AG Munich	2453	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Lapis Lazuli
8,351	AG Munich	2700	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Lapis Lazuli
8,352	Marshman 2016	53.01	Yorkshire Museum, York	Ring	3rd century AD	201	300	Britain	Whixley	Silver	Lapis Lazuli
8,353	MFA online	1972.97	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 4th century AD	-100	400				Onyx
8,354	Carnuntum 2005	544	Kunsthistorisches Museum Wien	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Onyx
8,355	Carnuntum 2005	200	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,356	Carnuntum 2005	1114	Kunsthistorisches Museum Wien	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Onyx
8,357	Carnuntum 2005	1179	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,358	Carnuntum 2005	53	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,359	Carnuntum 2005	216	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,360	Carnuntum 2005	251	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,361	Carnuntum 2005	293	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,362	Carnuntum 2005	459	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,363	Carnuntum 2005	786	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,364	Carnuntum 2005	168	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,365	Carnuntum 2005	258	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,366	Carnuntum 2005	424	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,367	Carnuntum 2005	466	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx

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8,368	Carnuntum 2005	867	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,369	Carnuntum 2005	1210	Kunsthistorisches Museum Wien	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,370	Carnuntum 2005	1217	Kunsthistorisches Museum Wien	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,371	Carnuntum 2005	1222	Kunsthistorisches Museum Wien	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,372	Carnuntum 2005	486	Museum Carnuntinum	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Onyx
8,373	Carnuntum 2005	503	Museum Carnuntinum	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Onyx
8,374	Carnuntum 2005	678	Museum Carnuntinum	Ring	1st century AD	1	100	Austria	Carnuntum	Iron	Onyx
8,375	Carnuntum 2005	194	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Onyx
8,376	Carnuntum 2005	240	Museum Carnuntinum	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Onyx
8,377	Carnuntum 2005	280	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,378	Carnuntum 2005	522	Museum Carnuntinum	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Onyx
8,379	Carnuntum 2005	561	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,380	Carnuntum 2005	622	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,381	Carnuntum 2005	762	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,382	Carnuntum 2005	1044	Museum Carnuntinum	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,383	Carnuntum 2005	119	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,384	Carnuntum 2005	152	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,385	Carnuntum 2005	458	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,386	Carnuntum 2005	559	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Onyx
8,387	Carnuntum 2005	638	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,388	Carnuntum 2005	702	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,389	Carnuntum 2005	837	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Onyx
8,390	Carnuntum 2005	850	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,391	Carnuntum 2005	927	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,392	Carnuntum 2005	993	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Onyx
8,393	Carnuntum 2005	1048	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,394	Carnuntum 2005	1077	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,395	Carnuntum 2005	1125	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,396	Carnuntum 2005	1180	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Onyx
8,397	Carnuntum 2005	1181	Museum Carnuntinum	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,398	Carnuntum 2005	958N	Museum Carnuntinum	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Onyx
8,399	Carnuntum 2005	225	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,400	Carnuntum 2005	320	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,401	Carnuntum 2005	482	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,402	Carnuntum 2005	514	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,403	Carnuntum 2005	518	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,404	Carnuntum 2005	626	Museum Carnuntinum	Ring	3rd century AD	201	300	Austria	Carnuntum	Brass	Onyx
8,405	Carnuntum 2005	1028	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,406	Carnuntum 2005	1159	Museum Carnuntinum	Ring	3rd century AD	201	300	Austria	Carnuntum	Gold	Onyx
8,407	Carnuntum 2005	1189	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,408	Carnuntum 2005	1232	Museum Carnuntinum	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,409	Carnuntum 2005	1214	Museum Carnuntinum	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,410	Carnuntum 2005	1219	Museum Carnuntinum	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,411	Carnuntum 2005	358	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Onyx
8,412	Carnuntum 2005	655	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,413	Carnuntum 2005	1198	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,414	Carnuntum 2005	254	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx

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8,415	Carnuntum 2005	453	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,416	Carnuntum 2005	783	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,417	Carnuntum 2005	1154	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,418	Carnuntum 2005	1183	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,419	Carnuntum 2005	1200	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,420	Carnuntum 2005	318	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,421	Carnuntum 2005	324	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,422	Carnuntum 2005	546	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,423	Carnuntum 2005	620	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,424	Carnuntum 2005	749	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,425	Carnuntum 2005	863	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,426	Carnuntum 2005	1155	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,427	Carnuntum 2005	1156	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,428	Carnuntum 2005	1158	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,429	Carnuntum 2005	1163	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,430	Carnuntum 2005	1166	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,431	Carnuntum 2005	1202	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,432	Carnuntum 2005	1229	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,433	Carnuntum 2005	1207	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,434	Carnuntum 2005	1208	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,435	Carnuntum 2005	1212	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,436	Carnuntum 2005	1213	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,437	Carnuntum 2005	1216	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,438	Carnuntum 2005	1218	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,439	Carnuntum 2005	1221	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,440	Carnuntum 2005	558	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st century AD	1	100	Austria	Carnuntum		Onyx
8,441	Carnuntum 2005	170	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Onyx
8,442	Carnuntum 2005	874	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx

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8,443	Carnuntum 2005	1199	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,444	Carnuntum 2005	444	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,445	Carnuntum 2005	960	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,446	Carnuntum 2005	1185	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,447	Carnuntum 2005	1187	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,448	Carnuntum 2005	1188	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,449	Carnuntum 2005	1220	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
8,450	Carnuntum 2005	682a	Private Collection	Ring	1st century AD	1	100	Austria	Carnuntum	Gold	Onyx
8,451	Fitzwilliam 1994	170	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
8,452	Fitzwilliam 1994	173	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
8,453	Fitzwilliam 1994	174	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
8,454	Fitzwilliam 1994	175	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
8,455	Fitzwilliam 1994	176	Fitzwilliam Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
8,456	Fitzwilliam 1994	177	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian
8,457	Fitzwilliam 1994	180	Fitzwilliam Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
8,458	Fitzwilliam 1994	181	Fitzwilliam Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
8,459	Fitzwilliam 1994	182	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
8,460	Fitzwilliam 1994	183	Fitzwilliam Museum	Engraved Gem	10 BC - AD 10	-10	10				Chalcedony
8,461	Fitzwilliam 1994	184	Fitzwilliam Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
8,462	Carnuntum 2005	127	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,463	Carnuntum 2005	246	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,464	Carnuntum 2005	368	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Iron	Onyx
8,465	Carnuntum 2005	562	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,466	Carnuntum 2005	943	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,467	Carnuntum 2005	1053	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,468	Carnuntum 2005	1115	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Onyx
8,469	Carnuntum 2005	1152	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Onyx
8,470	Carnuntum 2005	1172	Private Collection	Ring	2nd century AD	101	200	Austria	Carnuntum	Gold	Onyx
8,471	Carnuntum 2005	40	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,472	Carnuntum 2005	207	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,473	Carnuntum 2005	208	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,474	Carnuntum 2005	236	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Onyx
8,475	Carnuntum 2005	247	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,476	Carnuntum 2005	253	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Onyx
8,477	Carnuntum 2005	431	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,478	Carnuntum 2005	463	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,479	Carnuntum 2005	467	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,480	Carnuntum 2005	468	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,481	Carnuntum 2005	469	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,482	Carnuntum 2005	490	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,483	Carnuntum 2005	799	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,484	Carnuntum 2005	849	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,485	Carnuntum 2005	907	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,486	Carnuntum 2005	933	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,487	Carnuntum 2005	1004	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Onyx

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8,488	Hague 1978	186	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Agate
8,489	Ashmolean Online	ANFortnum.FR.796	Ashmolean Museum	Ring	AD 300	300	300			Gold	Onyx
8,490	BM online	1904,1201.1	British Museum	Ring	1st century AD	1	100	Britain	Colchester	Gold	Garnet
8,491	MFA online	21.1220	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Onyx
8,492	MFA online	21.1221	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Onyx
8,493	MFA online	21.1214	Museum of Fine Arts, Boston	Engraved Gem	2nd - 1st century BC	-200	-1				Chalcedony
8,494	MFA online	83.173	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Chalcedony
8,495	MFA online	18.363	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Chalcedony
8,496	MFA online	01.7570	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Chalcedony
8,497	MFA online	27.706	Museum of Fine Arts, Boston	Engraved Gem	25 - 1 BC	-25	-1				Chalcedony
8,498	Ashmolean Online	AN1941.406	Ashmolean Museum	Engraved Gem	3rd century AD	201	300				Onyx (Nicolo)
8,499	Ashmolean Online	AN1941.402	Ashmolean Museum	Engraved Gem	1st century AD	1	100				Onyx
8,500	Ashmolean Online	AN1888.471	Ashmolean Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
8,501	MFA online	66.305	Museum of Fine Arts, Boston	Ring	25 - 1 BC	-25	-1			Gold	Chalcedony
8,502	Chabouillet 1858	Camée.315; Chabouillet.185 ; reg.D.3733	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	2nd - 1st century BC	-200	-1				Onyx
8,503	AG Munich	541	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Onyx
8,504	AGD Berlin	324	Staatliche Museen zu Berlin	Engraved Gem	2nd - 1st century BC	-200	-1				Onyx
8,505	AG Vienna	2269	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300				Garnet
8,506	Ashmolean Online	AN1921.116	Ashmolean Museum	Ring	AD 100 - 150	100	150			Copper	Onyx (Nicolo)
8,507	Ashmolean Online	AN1941.278	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Onyx
8,508	Ashmolean Online	AN1941.279	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Onyx
8,509	Thorvaldsens online	i652	Thorvaldsens Museum, Copenhagen	Ring	100 - 30 BC	-100	-30			Iron	Onyx
8,510	V&A online	1126-1864	Victoria & Albert Museum	Engraved Gem	1st century AD	1	100				Onyx
8,511	Thorvaldsens online	i2051	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,512	AGD Berlin	420	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Onyx (Nicolo)
8,513	Berlin 2007	460	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Onyx
8,514	Ashmolean Online	AN1941.382	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1	Croatia	Dalmacija		Onyx
8,515	Ashmolean Online	AN1941.381	Ashmolean Museum	Engraved Gem	1st century AD	1	100	Croatia	Dalmacija		Onyx
8,516	AGD Berlin	410	Staatliche Museen zu Berlin	Engraved Gem	early 1st century BC	-100	-75				Onyx (Nicolo)
8,517	AGD Berlin	379	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Onyx (Nicolo)
8,518	AGD Hannover	252	Museum August Kestner-Hannover	Engraved Gem	1st century BC	-100	-1				Chalcedony
8,519	Berlin 2007	371	Staatliche Museen zu Berlin	Engraved Gem	40 BC	-40	-40				Onyx
8,520	MFA online	62.1147	Museum of Fine Arts, Boston	Engraved Gem	AD 275	275	275				Chalcedony
8,521	MFA online	01.7542	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Chalcedony
8,522	MFA online	18.373	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Chalcedony
8,523	Guiraud 1988/2008	530	Private Collection	Engraved Gem	1st century BC	-100	-1	France	Ouveillan		Onyx
8,524	AG Munich	628	Staatliche Antikensammlungen, Munich	Pendant	1st century BC	-100	-1	Egypt			Onyx
8,525	AG Munich	629	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,526	AG Munich	888	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,527	AG Munich	893	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,528	AG Munich	937	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,529	AG Munich	939	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,530	AG Munich	953	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,531	AG Munich	957	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,532	AG Munich	966	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,533	AG Munich	969	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,534	AG Munich	972	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,535	AG Munich	620	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Onyx

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8,536	AG Munich	996	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,537	AG Munich	1017	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,538	AG Munich	2220	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,539	AG Munich	2248	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,540	AG Munich	2261	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Onyx
8,541	AG Munich	2439	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,542	Berlin 2007	318	Staatliche Museen zu Berlin	Engraved Gem	late 2nd - early 1st century BC	-125	-75				Onyx
8,543	Ashmolean Online	AN1888.470	Ashmolean Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
8,544	Ashmolean Online	AN1890.291	Ashmolean Museum	Engraved Gem	1st - 2nd century AD	1	201				Onyx
8,545	BM online	1903,1012.1	British Museum	Engraved Gem	323 - 31 BC	-323	-31	Egypt	el-Ashmunein		Onyx
8,546	Marshman 2016	123.00	Curtis Museum, Alton	Ring	1st century BC - 1st century AD	-100	100	Britain	Alton	Gold	Onyx
8,547	Hendler 2016	64	Hendler Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	Israel	Caesarea		Onyx
8,548	Guiraud 1988/2008	720	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	1st century BC - 1st century AD	-100	100	France	Vaison-La-Romaine		Onyx
8,549	Naples 1994	112 (inv. 25891/59)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,550	Naples 1994	114 (inv. 25948/115)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,551	Naples 1994	121 (inv. 25940/107)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,552	Naples 1994	124 (inv. 25993/160)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,553	Naples 1994	126 (inv. 25916/83)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,554	Naples 1994	134 (inv. 25906/73)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,555	Naples 1994	150 (inv. 25933/100)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,556	Naples 1994	157 (inv. 25860/28)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,557	Naples 1994	158 (inv. 25879/47)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,558	Naples 1994	177 (inv. 25868/36)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,559	Naples 1994	186 (inv. 25897/65)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,560	Naples 1994	235 (inv. 25917/84)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,561	Naples 1994	248 (inv. 25952/119)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,562	Naples 1994	256 (inv. 26461/622)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,563	Naples 1994	74 (inv. 25967/134)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,564	Naples 1994	83 (inv. 25878/43)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,565	Naples 1994	94 (inv. 25971/138)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,566	Naples 1994	172 (inv. 25945/112)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,567	Naples 1994	188 (inv. 25836/4)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,568	Naples 1994	192 (inv. 25870/38)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx

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8,569	Naples 1994	202 (inv. 25876/44)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
8,570	Naples 1994	300 (inv. 27010/1165)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
8,571	AGD Berlin	459	Staatliche Museen zu Berlin	Engraved Gem
8,572	MFA online	18.342	Museum of Fine Arts, Boston	Engraved Gem
8,573	MFA online	23.590	Museum of Fine Arts, Boston	Engraved Gem
8,574	MFA online	98.768	Museum of Fine Arts, Boston	Engraved Gem
8,575	MFA online	18.356	Museum of Fine Arts, Boston	Engraved Gem
8,576	MFA online	98.741	Museum of Fine Arts, Boston	Engraved Gem
8,577	MFA online	27.729	Museum of Fine Arts, Boston	Engraved Gem
8,578	MFA online	72.861	Museum of Fine Arts, Boston	Engraved Gem
8,579	Guiraud 1988/2008	1002	Private Collection	Engraved Gem
8,580	AG Munich	2276	Staatliche Antikensammlungen, Munich	Engraved Gem
8,581	AG Munich	2280	Staatliche Antikensammlungen, Munich	Engraved Gem
8,582	AG Munich	2349	Staatliche Antikensammlungen, Munich	Engraved Gem
8,583	AG Munich	2369	Staatliche Antikensammlungen, Munich	Engraved Gem
8,584	AG Munich	2854	Staatliche Antikensammlungen, Munich	Engraved Gem
8,585	AG Munich	2393	Staatliche Antikensammlungen, Munich	Engraved Gem
8,586	AG Munich	2395	Staatliche Antikensammlungen, Munich	Engraved Gem
8,587	AG Munich	2421	Staatliche Antikensammlungen, Munich	Engraved Gem
8,588	AG Munich	2427	Staatliche Antikensammlungen, Munich	Engraved Gem
8,589	AG Munich	2441	Staatliche Antikensammlungen, Munich	Engraved Gem
8,590	AG Munich	2339	Staatliche Antikensammlungen, Munich	Engraved Gem
8,591	Thorvaldsens online	i2069	Thorvaldsens Museum, Copenhagen	Engraved Gem
8,592	de Clercq 1891-1912	3037	Musée du Louvre	Ring
8,593	de Clercq 1891-1912	2916	Musée du Louvre	Engraved Gem
8,594	de Clercq 1891-1912	2948	Musée du Louvre	Engraved Gem
8,595	de Clercq 1891-1912	2921	Musée du Louvre	Engraved Gem
8,596	de Clercq 1891-1912	2978	Musée du Louvre	Engraved Gem
8,597	de Clercq 1891-1912	2951	Musée du Louvre	Engraved Gem
8,598	de Clercq 1891-1912	2959	Musée du Louvre	Ring
8,599	de Clercq 1891-1912	2984	Musée du Louvre	Engraved Gem
8,600	de Clercq 1891-1912	3036	Musée du Louvre	Ring
8,601	de Clercq 1891-1912	3021	Musée du Louvre	Engraved Gem
8,602	de Clercq 1891-1912	3045	Musée du Louvre	Ring
8,603	de Clercq 1891-1912	3064	Musée du Louvre	Engraved Gem
8,604	de Clercq 1891-1912	3056	Musée du Louvre	Engraved Gem
8,605	de Clercq 1891-1912	3182	Musée du Louvre	Engraved Gem
8,606	de Clercq 1891-1912	3091	Musée du Louvre	Engraved Gem
8,607	de Clercq 1891-1912	3121	Musée du Louvre	Engraved Gem
8,608	de Clercq 1891-1912	3189	Musée du Louvre	Ring
8,609	de Clercq 1891-1912	3185	Musée du Louvre	Ring
8,610	de Clercq 1891-1912	3260	Musée du Louvre	Ring
8,611	de Clercq 1891-1912	3303	Musée du Louvre	Engraved Gem
8,612	de Clercq 1891-1912	3325	Musée du Louvre	Ring
8,613	de Clercq 1891-1912	3346	Musée du Louvre	Ring
8,614	Naples 1983	37 (inv. 158796)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem

Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
1st century AD	1	100				Chalcedony
AD 69 - 98	69	98				Chalcedony
AD 70 - 96	70	96				Chalcedony
AD 75 - 200	75	200				Chalcedony
AD 79 - 81	79	81				Chalcedony
2nd - 3rd century AD	101	300				Chalcedony
2nd century AD	101	200				Chalcedony
1st century BC - 1st century AD	-100	100	France	Vendeuil-Caply		Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
2nd - 3rd century AD	101	300				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - 1st century AD	-100	100				Onyx
1st century BC - AD 79	-100	79	Italy	Pompeii		Onyx

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8,615	Naples 1983	132 (inv. 158799)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Onyx
8,616	Naples 1983	157 (inv. 158768)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Onyx
8,617	Naples 1983	208 (inv. 158852)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Onyx
8,618	Naples 1983	218 (inv. 26042)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Onyx
8,619	Naples 1983	6 (inv.158810)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Onyx
8,620	Naples 1983	128 (inv. 155869)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Herculaneum		Onyx
8,621	Hague 1978	194	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Carnelian
8,622	AGD Hannover	227	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 1	-50	-1				Sardonyx
8,623	Hague 1978	192	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Carnelian
8,624	AGD Hannover	1076	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
8,625	AGD Hannover	1575	Museum August Kestner-Hannover	Engraved Gem	2nd century AD	101	200				Lapis Lazuli
8,626	AGD Hannover	1548	Museum August Kestner-Hannover	Engraved Gem	2nd century AD	101	200				Amethyst
8,627	Hendler 2016	150	Hendler Collection	ring	mid 1st century BC - 1st century AD	-50	100	Israel	Caesarea	Copper	Onyx
8,628	Hendler 2016	184	Hendler Collection	Engraved Gem	mid 1st century BC - 2nd century AD	-50	200	Israel	Caesarea		Onyx
8,629	AGD Hannover	236	Museum August Kestner-Hannover	Engraved Gem	late 2nd - early 1st century BC	-110	75				Chalcedony
8,630	Hendler 2016	12	Hendler Collection	Ring	mid 1st century BC - mid 1st century AD	-50	50	Israel	Caesarea	Gold	Onyx
8,631	Hendler 2016	114	Hendler Collection	Engraved Gem	mid 1st century BC - mid 1st century AD	-50	50	Israel	Caesarea		Onyx
8,632	Hague 1978	198	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Carnelian
8,633	Guiraud 1988/2008	710	Musée Rolin, Autun, Autun	Engraved Gem	50 BC	-50	-50	France	Autun		Onyx
8,634	MFA online	98.770	Museum of Fine Arts, Boston	Engraved Gem	2nd century AD	101	200				Chalcedony
8,635	Guiraud 1988/2008	40	Centre de Recherches Archéologiques	Engraved Gem	43 BC - AD 18	-43	18	France	Saint-Marcel		Onyx
8,636	Thorvaldsens online	i1446	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,637	Thorvaldsens online	i184	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,638	Thorvaldsens online	i1495	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,639	Thorvaldsens online	i232	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,640	Thorvaldsens online	i1221	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,641	Thorvaldsens online	i1512	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,642	Thorvaldsens online	i170	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,643	Thorvaldsens online	i689	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,644	Thorvaldsens online	i1433	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,645	Thorvaldsens online	i1091	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
8,646	AG Vienna	191	Kunsthistorisches Museum Wien	Engraved Gem	50 - 25 BC	-50	-25				Onyx (Nicolo)
8,647	Berlin 2007	69	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-25	-1				Onyx
8,648	Aquileia 1996	49 (inv. 1209/310)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century BC	-25	-1				Onyx

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8,649	Aquileia 1996	79 (inv. 1292/273)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century BC - 1st century AD	-25	100				Onyx
8,650	Aquileia 1996	63 (inv. 1159/186)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century BC - mid 1st century AD	-25	50				Onyx
8,651	Aquileia 1996	77 (inv. 1287/195)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st century BC - mid 1st century AD	-25	50				Onyx
8,652	Hendler 2016	36	Hendler Collection	Engraved Gem	late 1st century BC - 1st century AD	-25	100	Israel	Caesarea		Onyx
8,653	Hendler 2016	102	Hendler Collection	Engraved Gem	late 1st century BC - 1st century AD	-25	100	Israel	Caesarea		Onyx
8,654	MFA online	98.771	Museum of Fine Arts, Boston	Engraved Gem	2nd century AD	101	200				Chalcedony
8,655	MFA online	65.4	Museum of Fine Arts, Boston	Engraved Gem	AD 300	300	300				Chalcedony
8,656	AGD Berlin	444	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - 1st century AD	-10	10				Onyx (Nicolo)
8,657	AGD Berlin	479	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - 1st century AD	-10	10				Onyx (Nicolo)
8,658	Thorvaldsens online	i2058	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,659	Thorvaldsens online	i2059	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century AD	1	100				Onyx
8,660	Thorvaldsens online	i2122	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century AD	1	100				Onyx
8,661	BM online	1920,1210.4.a-l	British Museum	Bead	2nd century BC - 2nd century AD	-200	200				Onyx
8,662	BM online	1824,0301.68	British Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Onyx
8,663	BM online	1926,0407.53	British Museum	Ring	2nd - 1st century BC	-200	-1			Bronze	Onyx
8,664	BM online	1908,0412.3	British Museum	Earring	1st century BC - 1st century AD	-100	100			Gold	Onyx
8,665	BM online	1872,0604.182	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Onyx
8,666	BM online	1824,0301.30	British Museum	Engraved Gem	1st century BC	-100	-1				Onyx
8,667	BM online	1923,0401.1064	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,668	BM online	2506.18	British Museum	Bead	300 BC - AD 300	-300	300	Egypt	Naukratis		Onyx
8,669	BM online	1923,0401.975	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,670	BM online	1856,0425.24	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,671	BM online	1923,0401.330	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,672	BM online	1890,0601.38	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,673	BM online	1876,0507.516	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,674	BM online	1889,0810.20	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,675	BM online	1814,0704.1357	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,676	BM online	1890,0601.45	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,677	BM online	1867,0507.684	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,678	BM online	1900,0522.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Palestine			Onyx
8,679	BM online	1923,0401.945	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,680	BM online	1814,0704.1464	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,681	BM online	1814,0704.1424	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,682	BM online	1897,1124.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Greece	Thessaly		Onyx
8,683	BM online	1799,0521.32	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,684	BM online	1872,0604.38	British Museum	Engraved Gem	1st century AD	1	100				Onyx
8,685	BM online	1865,0712.66	British Museum	Engraved Gem	1st century BC - 2nd century AD	-100	200			Gold	Onyx
8,686	BM online	1872,0604.191	British Museum	Engraved Gem	1st century BC - 2nd century AD	-100	200			Gold	Onyx
8,687	BM online	1814,0704.1500	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,688	BM online	1872,0604.166	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Onyx
8,689	BM online	1814,0704.1545	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,690	BM online	1814,0704.2743	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,691	BM online	1814,0704.1393	British Museum	Engraved Gem	1st century BC	-100	-1				Onyx
8,692	BM online	1923,0401.971	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx

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8,693	BM online	1872,0604.1336	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,694	BM online	1859,0301.102	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,695	BM online	1897,0528.8	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,696	BM online	1923,0401.635	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,697	BM online	1872,0604.1302	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Italy	Puglia		Onyx
8,698	BM online	1814,0704.1498	British Museum	Engraved Gem	1st century AD	1	100				Onyx
8,699	BM online	1903,0611.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Egypt			Onyx
8,700	BM online	1872,0604.1307	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,701	BM online	1872,0604.1270	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,702	BM online	1894,0704.1494	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,703	BM online	1894,0716.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,704	BM online	1872,0604.283	British Museum	Ring	323 - 31 BC	-323	-31			Gold	Onyx
8,705	BM online	OA.1421	British Museum	Earring	3rd - 1st century BC	-300	-1			Gold	Onyx
8,706	BM online	1920,1210.10	British Museum	Engraved Gem	2nd century BC - 2nd century AD	-200	200				Onyx
8,707	BM online	1890,0601.36	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,708	BM online	1814,0704.1496	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,709	BM online	1814,0704.1536	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,710	BM online	1772,0315.496	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,711	BM online	1872,0604.932	British Museum	Ring	1st century BC- 2nd century AD	-100	200			Bronze	Onyx
8,712	BM online	1886,0520.15	British Museum	Engraved Gem	50 - 1 BC	-50	-1				Onyx
8,713	BM online	2506.07	British Museum	Engraved Gem	300 BC - AD 300	-300	300	Egypt	Naukratis		Onyx
8,714	BM online	1893,0502.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,715	BM online	1923,0401.961	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,716	BM online	1814,0704.1341	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,717	BM online	1814,0704.1392	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,718	BM online	1923,0401.216	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,719	BM online	1890,0304.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,720	BM online	1896,0620.4	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Turkey	Istanbul		Onyx
8,721	BM online	1867,0507.512	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,722	BM online	1867,0507.682	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,723	BM online	1890,0601.37	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,724	BM online	1904,0204.539	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,725	BM online	1814,0704.1430	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,726	BM online	1869,0620.3	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Turkey	Istanbul		Onyx
8,727	BM online	1842,0728.132	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Onyx
8,728	BM online	1917,0501.399	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Onyx
8,729	BM online	1814,0704.1515	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx
8,730	BM online	1890,0601.5	British Museum	Engraved Gem	30 - 10 BC	-30	-10				Onyx
8,731	BM online	1923,0401.968	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,732	BM online	1923,0401.974	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,733	BM online	1890,0601.4	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,734	BM online	1872,0604.1402	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,735	BM online	1867,0507.705	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,736	BM online	1879,0115.20	British Museum	Diadem	1st - 3rd century AD	1	300			Gold	Onyx
8,737	BM online	1923,0401.962	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,738	BM online	1923,0401.944	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,739	BM online	1894,0613.2	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,740	BM online	1923,0401.947	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx

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8,741	BM online	1814,0704.1475	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,742	BM online	1978,1002.391	British Museum	Engraved Gem	1st century AD	1	100				Onyx
8,743	BM online	1867,0507.377	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,744	BM online	1841,0726.282	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,745	BM online	1865,0712.180	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,746	BM online	1872,0604.1335	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,747	BM online	1867,0507.528	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,748	BM online	1890,0601.17	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,749	BM online	1872,0604.1296	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,750	BM online	1889,0517.1	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Italy			Onyx
8,751	BM online	1890,0601.160	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,752	BM online	1867,0507.428	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,753	BM online	1895,1023.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,754	BM online	1872,0604.1325	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,755	BM online	1890,0601.41	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,756	BM online	1890,0601.21	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,757	BM online	1867,0507.198	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,758	BM online	1890,0601.18	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,759	BM online	1824,0301.9	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,760	BM online	1890,0601.33	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,761	BM online	1867,0507.556	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,762	BM online	1867,0507.278	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,763	BM online	1772,0315.383	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,764	BM online	1867,0507.390	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,765	BM online	1824,0301.82	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,766	BM online	1799,0521.32	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,767	BM online	1890,0601.14	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,768	BM online	1889,0810.5	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,769	BM online	1885,0805.2	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,770	BM online	1872,0604.1361	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,771	BM online	1867,0507.201	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,772	BM online	1890,0601.80	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,773	BM online	1756,0103.241	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,774	BM online	1872,0604.1298	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,775	BM online	1867,0507.208	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,776	BM online	1890,0601.9	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,777	BM online	1904,0204.555	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,778	BM online	1867,0507.173	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,779	BM online	1890,0601.16	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,780	BM online	1890,0601.39	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,781	BM online	1867,0507.162	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,782	BM online	1867,0507.631	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,783	BM online	1890,0601.22	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,784	BM online	1867,0507.631	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,785	BM online	1890,0601.22	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,786	BM online	1867,0507.2	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,787	Hendler 2016	90	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Onyx
8,788	Hendler 2016	63	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Onyx
8,789	Hendler 2016	1	Hendler Collection	Ring	1st - 2nd century AD	1	200	Israel	Caesarea	Silver, Iron	Onyx

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8,790	Berlin 2007	517	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Onyx
8,791	Xanten 1987/1994	239	LVR-Archäologischer Park Xanten	Engraved Gem	1st - 2nd century AD	1	200	Germany	Andere Fundorte / Ohne Fundort		Onyx
8,792	Guiraud 1988/2008	326	Musée Archéologique, Murviel-les-Montpellier	Engraved Gem	1st - 2nd century AD	1	200	France	Murviel-Les-Montpellier		Onyx
8,793	AGD Hannover	562	Museum August Kestner-Hannover	Engraved Gem	100 - 50 BC	-100	-50				Carnelian
8,794	AGD Hannover	563	Museum August Kestner-Hannover	Engraved Gem	100 - 50 BC	-100	-50				Carnelian
8,795	AGD Hannover	567	Museum August Kestner-Hannover	Engraved Gem	40 - 30 BC	-40	-30				Carnelian
8,796	Carnuntum 2005	1104	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,797	Carnuntum 2005	1165	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,798	MFA online	65.875	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
8,799	Carnuntum 2005	1182	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,800	Carnuntum 2005	1201	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
8,801	Carnuntum 2005	1156a	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Gold	Onyx
8,802	AG Munich	2434	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,803	AG Munich	2569	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,804	Getty Online	80.AN.43.5	J. Paul Getty Museum	Engraved Gem	mid 1st century BC	-75	-25	Italy			Chalcedony
8,805	AG Munich	2597	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,806	AG Munich	2681	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,807	AG Munich	2682	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,808	AG Munich	2710	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,809	AG Munich	2758	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,810	AG Munich	2779	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,811	AG Munich	2781	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,812	AG Munich	2855	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,813	AG Munich	2869	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,814	Berlin 2007	187	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
8,815	Berlin 2007	182	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
8,816	Thorvaldsens online	i725	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,817	Thorvaldsens online	i2032	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,818	BM online	1867,0507.406	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,819	Guiraud 1988/2008	1006	British Museum	Engraved Gem	1st - 3rd century AD	1	300	France	N/A		Onyx
8,820	BM online	1824,0301.17	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,821	BM online	1889,0810.25	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,822	BM online	1867,0507.13	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,823	BM online	1890,0601.6	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,824	BM online	1867,0507.214	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,825	BM online	1867,0507.570	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,826	BM online	1869,0620.3	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Turkey	Istanbul		Onyx
8,827	BM online	1842,0728.37	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,828	BM online	1872,0604.1275	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Italy	Capua		Onyx
8,829	BM online	1851,0813.163	British Museum	Engraved Gem	1st - 3rd century AD	1	300	France			Onyx
8,830	BM online	1904,0204.544	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,831	BM online	1865,0712.181	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,832	BM online	1896,1018.5	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,833	BM online	1895,0107.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,834	BM online	1962,0518.15	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,835	BM online	1867,0507.508	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx

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8,836	BM online	1867,0507.643	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,837	BM online	1895,0107.2	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Syria	Palmyra		Onyx
8,838	BM online	1889,0810.24	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,839	BM online	1890,0601.7	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,840	BM online	1890,0601.15	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,841	BM online	1867,0507.353	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,842	BM online	1756,0103.162	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,843	BM online	1867,0507.168	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,844	BM online	1923,0401.1049	British Museum	Engraved Gem	1st century AD	1	100				Onyx
8,845	BM online	1890,0601.166	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,846	BM online	1867,0507.31	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,847	BM online	1890,0601.35	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,848	BM online	1814,0704.1440	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,849	BM online	1980,0201.104	British Museum	Earring	1st - 2nd century AD	1	200			Gold	Onyx
8,850	BM online	1923,0401.633	British Museum	Engraved Gem	1st century AD	1	300	Italy	Pompeii		Onyx
8,851	BM online	1872,0604.1313	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,852	BM online	1824,0301.26	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,853	BM online	1824,0301.65	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,854	BM online	1814,0704.1491	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,855	BM online	1923,0401.390	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,856	BM online	1923,0401.1057	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,857	BM online	1867,0507.613	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,858	BM online	1824,0301.11	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,859	BM online	1923,0401.551	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,860	BM online	1917.0601.3007	British Museum	Necklace	3rd century AD	201	300	Syria	Tartis	Gold	Amethyst
8,861	BM online	1872,0604.1282	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,862	BM online	1814,0704.1490	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,863	BM online	1867,0507.178	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,864	BM online	1867,0301.70	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,865	BM online	1867,0507.489	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,866	BM online	1824,0301.53	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,867	BM online	1824,0301.62	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,868	BM online	1824,0301.12	British Museum	Ring	1st - 2nd century AD	1	200			Gold	Onyx
8,869	BM online	1824,0301.49	British Museum	Ring	1st - 2nd century AD	1	200			Gold	Onyx
8,870	BM online	1824,0301.90	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx
8,871	BM online	1934,1115.11	British Museum	Engraved Gem	3rd century AD	201	300				Onyx
8,872	BM online	1814,0704.1630	British Museum	Engraved Gem	3rd century AD	201	300				Onyx
8,873	BM online	1872,0604.61	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,874	Hendler 2016	216	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Onyx
8,875	Hendler 2016	217	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Onyx
8,876	Hendler 2016	218	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Onyx
8,877	Hendler 2016	219	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Onyx
8,878	Hendler 2016	224	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Onyx
8,879	Guiraud 1988/2008	902	Musée Archéologique, Fréjus	Engraved Gem	1st - 3rd century AD	1	300	France	Fréjus		Onyx
8,880	Guiraud 1988/2008	989	Musée d'Alise-Sainte-Reine	Engraved Gem	1st - 3rd century AD	1	300	France	Alésia		Onyx
8,881	Guiraud 1988/2008	990	Musée d'Art et d'Histoire, Metz	Engraved Gem	1st - 3rd century AD	1	300	France	Metz		Onyx
8,882	Guiraud 1988/2008	490	Musée Rolin, Autun, Autun	Engraved Gem	1st - 3rd century AD	1	300	France	Autun		Onyx
8,883	MFA online	1972.969	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 4th century AD	-100	400				Chalcedony
8,884	Fitzwilliam 1994	234	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Agate
8,885	Fitzwilliam 1994	235	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Carnelian

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8,886	Fitzwilliam 1994	251	Fitzwilliam Museum	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
8,887	Fitzwilliam 1994	252	Fitzwilliam Museum	Engraved Gem	2nd century AD	101	200				Carnelian
8,888	AG Munich	2879	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 3rd century AD	1	300				Onyx
8,889	Berlin 2007	174	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
8,890	BM online	1978,1002.37	British Museum	Ring	1st - 2nd century AD	1	200			Gold	Chalcedony
8,891	BM online	2019,8039.10	British Museum	Ring	AD 200 - 400	200	400			Gold	Chalcedony
8,892	BM online	2011,8035.1	British Museum	Ring	AD 200 - 299	200	299			Gold	Chalcedony
8,893	Marshman 2016	26.19	Museum of London	Engraved Gem	1st - 4th century AD	1	400	Britain	London, Mitre Street		Onyx
8,894	Marshman 2016	31.38	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Aldborough		Onyx
8,895	Marshman 2016	31.50	Private Collection	Ring	1st - 4th century AD	1	400	Britain	Caistor St Edmund	Gold	Onyx
8,896	Marshman 2016	67.03	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Ribshester		Onyx
8,897	Marshman 2016	9.04	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Mouswald		Onyx
8,898	Marshman 2016	105.08	Reading Museum	Engraved Gem	1st - 4th century AD	1	400	Britain	Silchester		Onyx
8,899	Marshman 2016	140.03	Reading Museum	Engraved Gem	1st - 4th century AD	1	400	Britain	Silchester		Onyx
8,900	Marshman 2016	120.02	Wiltshire Heritage Museum, Devizes	Ring	1st - early 2nd century AD	1	125	Britain	Melksham	Bronze	Onyx
8,901	AGD Berlin	485	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
8,902	Berlin 2007	584	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
8,903	BM online	120177	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Onyx
8,904	BM online	1851,0519.24	British Museum	Ring	3rd century AD	201	300			Bronze	Onyx
8,905	Getty Online	85.AN.370.38	J. Paul Getty Museum	Engraved Gem	1st - 4th century AD	1	400				Jasper (green)
8,906	Hendler 2016	153	Hendler Collection	ring	1st century AD	1	100	Israel	Caesarea	Bronze	Onyx
8,907	Hendler 2016	11	Hendler Collection	Engraved Gem	1st century AD	1	100	Israel	Caesarea		Onyx
8,908	Berlin 2007	450	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx
8,909	Berlin 2007	622	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Onyx
8,910	Berlin 2007	654	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Onyx
8,911	Berlin 2007	38	Staatliche Museen zu Berlin	Engraved Gem	early 1st century AD	1	25				Onyx
8,912	AG Vienna	298	Kunsthistorisches Museum Wien	Engraved Gem	mid 1st century BC	-75	-25				Onyx (Nicolo)
8,913	AG Vienna	1610	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
8,914	Xanten 1987/1994	197	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Onyx
8,915	Aquileia 1996	59 (inv. 1182/50)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century AD	1	100				Onyx
8,916	Aquileia 1996	60 (inv. 461/197)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century AD	1	100				Onyx
8,917	Aquileia 1996	112 (inv. 885/281)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century AD	1	100				Onyx
8,918	Vesuvius 1997	131 (inv. 12034)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem	1st century AD	1	100	Italy	Pompeii		Onyx
8,919	Carnuntum 2005	1122	Private Collection	Engraved Gem	2nd - 4th century AD	101	400	Austria	Carnuntum		Onyx
8,920	Carnuntum 2005	1176	Private Collection	Engraved Gem	mid - late 2nd century AD	150	200	Austria	Carnuntum		Onyx
8,921	BM online	1814,0704.1429	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Chalcedony
8,922	BM online	1814,0704.1388	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Chalcedony
8,923	BM online	1923,0401.308	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Chalcedony
8,924	BM online	1814,0704.1629	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Chalcedony
8,925	BM online	1923,0401.269	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Chalcedony
8,926	BM online	1814,0704.1427	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Chalcedony
8,927	Uffizi online	95	Pitti Palace, Uffizi Gallery	Engraved Gem	1st - 2nd century AD	1	200				Onyx

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8,928	Carnuntum 2005	1177	Private Collection	Engraved Gem	mid - late 2nd century AD	150	200	Austria	Carnuntum		Onyx
8,929	Marshman 2016	22.00	Reading Museum	Engraved Gem	1st century AD	1	100	Britain	Silchester		Onyx
8,930	AG Munich	2284	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100	Turkey	Gegen Von Adana		Onyx
8,931	AG Munich	2322	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,932	AG Munich	2336	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,933	AG Munich	2338	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,934	AG Munich	2344	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,935	AG Munich	2356	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,936	AG Munich	2376	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,937	AG Munich	2377	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,938	AG Munich	2388	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,939	AG Munich	2390	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,940	AG Munich	2399	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,941	AG Munich	2411	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Onyx
8,942	AGD Berlin	436	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
8,943	Berlin 2007	552	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
8,944	Berlin 2007	550	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
8,945	Berlin 2007	445	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
8,946	Berlin 2007	205	Staatliche Museen zu Berlin	Engraved Gem	third quarter of the 1st century BC	-50	-25				Onyx (Nicolo)
8,947	Berlin 2007	168	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Onyx (Nicolo)
8,948	AGD Berlin	523	Staatliche Museen zu Berlin	Engraved Gem	mid 2nd century AD	125	175				Onyx (Nicolo)
8,949	AGD Berlin	467	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
8,950	Venice 1999	16 (inv. G 44)	The National Archaeological Museum, Venice	Engraved Gem	1st century AD	1	100				Onyx
8,951	V&A online	462-1871	Victoria & Albert Museum	Engraved Gem	1st century AD	1	100				Sardonyx
8,952	V&A online	579-1871	Victoria & Albert Museum	Ring	AD 250 - 550	250	550			Silver	Onyx
8,953	Aquileia 1966	248 (inv. 25710)	The National Archaeological Museum of Aquileia	Engraved Gem	early 1st century AD	1	25	Italy	Aquileia		Onyx
8,954	BM online	1871,0121.13	British Museum	Engraved Gem	3rd - 4th century AD	201	400				Chalcedony
8,955	BM online	1851,0813.164	British Museum	Engraved Gem	1st - 2nd century AD	1	200	France			Chalcedony
8,956	AG Vienna	1611	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
8,957	Xanten 1987/1994	51	des Rheinischen Landesmuseums Bonn	Engraved Gem	mid 1st century AD	25	75	Germany	Fürstenberg And Its Environs		Onyx
8,958	Met Online	52.10	Metropolitan Museum of Art, New York	Engraved Gem	AD 25 - 75	25	75				Onyx (Nicolo)
8,959	BM online	1892,1202.2	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
8,960	Ashmolean Online	ANFortnum.FR.160	Ashmolean Museum	Ring	AD 43 - 410	43	410	Britain		Gold	Onyx
8,961	AG Vienna	1619	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
8,962	Marshman 2016	70.19	Museum of London (LAARC)	Engraved Gem	Mid 1st century AD	50	75	Britain	London, 23-29 Eastcheap		Onyx
8,963	Avisseau-Broustet and Vollenweider 2003	144 (inv. Camée. 315)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 70	70	70				Onyx
8,964	Benaki 1999	Benaki Museum: ΓΕ 2091	Benaki Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Onyx
8,965	Marshman 2016	22.13	Newport Museum	Engraved Gem	late 1st century AD	75	100	Britain	Caerleon		Onyx
8,966	Marshman 2016	42.02	Private Collection of Mayor General Sir George F. Johnson	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Castlesteads		Onyx
8,967	Marshman 2016	49.07	Corinium Museum, Cirencester	Ring	late 1st - early 2nd century AD	75	225	Britain	Cirencester	Iron	Onyx

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8,968	Marshman 2016	71.09	English Heritage Store Atcham	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Wroxeter, Bath/ Macellum		Onyx
8,969	Marshman 2016	86.01	Private Collection	Ring	late 1st - early 2nd century AD	75	125	Britain	Melandra Castle	Iron	Onyx
8,970	Marshman 2016	89.00	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caernafon (Segontium)		Onyx
8,971	Marshman 2016	120.06	Private Collection of A. Harrison	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Dragonby		Onyx
8,972	Naples 1994	204 (inv. 26011/177)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	late 1st century AD	75	100				Onyx
8,973	Marshman 2016	14.06	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Onyx
8,974	Marshman 2016	25.03	Private Collection	Engraved Gem	early 2nd century AD	101	125	Britain	Middlewitch		Onyx
8,975	Hendler 2016	61	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Onyx
8,976	Benaki 1999	Benaki Museum: ΓΕ 1612	Benaki Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Caerleon		Onyx
8,977	Benaki 1999	Benaki Museum: ΓΕ 1618	Benaki Museum	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Caerleon		Onyx
8,978	Carnuntum 2005	1178	Private Collection	Engraved Gem	mid - late 2nd century AD	150	200	Austria	Carnuntum		Onyx
8,979	Carnuntum 2005	1170a	Private Collection	Engraved Gem	AD 193 - 198	193	198	Austria	Carnuntum		Onyx
8,980	Carnuntum 2005	136	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,981	Carnuntum 2005	161	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,982	Carnuntum 2005	227	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,983	Carnuntum 2005	255	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,984	Carnuntum 2005	264	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,985	Carnuntum 2005	422	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,986	Carnuntum 2005	439	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,987	Carnuntum 2005	454	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
8,988	AG Munich	2571	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Onyx
8,989	AG Munich	2634	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Onyx
8,990	AG Munich	2745	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Onyx
8,991	Berlin 2007	166	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
8,992	Berlin 2007	532	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Onyx
8,993	Berlin 2007	527	Staatliche Museen zu Berlin	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
8,994	Berlin 2007	454	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-10	-1				Onyx (Nicolo)
8,995	Berlin 2007	192	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
8,996	AGD Hannover	736	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD10	-50	10				Carnelian
8,997	AGD Hannover	737	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 100	-50	100				Carnelian
8,998	Berlin 2007	134	Staatliche Museen zu Berlin	Engraved Gem	third quarter of the 1st century BC	-50	-25				Onyx (Nicolo)
8,999	AGD Braunschweig	32	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
9,000	AGD Göttingen	82	Archaologischen Institut der Universitat Göttingen	Engraved Gem	3rd century AD	201	300				Emerald
9,001	Marshman 2016	26.05	Housesteads Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Housesteads		Onyx
9,002	AGD Hannover	1031	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Jasper (red)
9,003	AGD Hannover	1032	Museum August Kestner-Hannover	Engraved Gem	late 1st century BC	-10	-1				Sardonyx
9,004	AGD Hannover	1033	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
9,005	AGD Hannover	1034	Museum August Kestner-Hannover	Engraved Gem	1st -2nd century AD	1	200				Jasper
9,006	AGD Hannover	1035	Museum August Kestner-Hannover	Engraved Gem	AD 50 - 100	50	100				Carnelian
9,007	AGD Hannover	541	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Onyx (Nicolo)

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9,008	AGD Braunschweig	25	Herzog-Anton-Ulrich-Museum Braunschweig	Engraved Gem	1st century BC	-100	-1				Onyx (Nicolo)
9,009	AGD Hamburg	56	Museum für Kunst und Gewerbe Hamburg	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,010	Berlin 2007	650	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx
9,011	V&A online	492-1871	Victoria & Albert Museum	Ring	1st century BC - 1st century AD	-100	100			Lead	Onyx
9,012	V&A online	488-1871	Victoria & Albert Museum	Ring	2nd - 3rd century AD	101	300			Gold	Onyx
9,013	Marshman 2016	16.52	York St John University	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	York		Onyx
9,014	Carnuntum 2005	475	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,015	AG Vienna	1621	Kunsthistorisches Museum Wien	Engraved Gem	50 - 1 BC	-50	-1	Egypt		Gold	Onyx (Nicolo)
9,016	Met Online	44.2.4	Metropolitan Museum of Art, New York	Ring	2nd century AD	101	200			Gold	Onyx (Nicolo)
9,017	Guiraud 1988/2008	574	Musée Champagnole	Engraved Gem	2nd century AD	101	200	France	Équevillon		Onyx
9,018	Naples 1994	201 (inv. 25857/25)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	2nd century AD	101	200				Onyx
9,019	Bologna 1987	195 (inv. Gl. 324)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Onyx
9,020	Berlin 2007	658	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,021	Berlin 2007	659	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,022	BM online	1851.0813.171	British Museum	Ring	1st century BC - 2nd century AD	-100	200	France	Vaison	Gold	Chalcedony
9,023	Guiraud 1988/2008	228	Private Collection	Engraved Gem	2nd century AD	101	200	France	Dieulouard-Scarponne		Onyx
9,024	Carnuntum 2005	519	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,025	Carnuntum 2005	555	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,026	Marshman 2016	107.15	Private Collection	Ring	2nd century AD	101	200	Britain	London	Silver	Onyx
9,027	AG Munich	2528	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Onyx
9,028	AG Munich	2548	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Onyx
9,029	AG Munich	2549	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Onyx
9,030	AG Munich	2684	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Onyx
9,031	AG Munich	2685	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Onyx
9,032	AG Munich	2724	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Onyx
9,033	AG Munich	2852	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd century AD	101	200				Onyx
9,034	Venice 1999	65 (inv. 189)	The National Archaeological Museum, Venice	Engraved Gem	2nd century AD	101	200	Croatia	Dalmatia		Onyx
9,035	Thorvaldsens online	i1008	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd century AD	101	200				Onyx
9,036	Thorvaldsens online	i2104	Thorvaldsens Museum, Copenhagen	Engraved Gem	2nd century AD	101	200				Onyx
9,037	Berlin 2007	652	Staatliche Museen zu Berlin	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
9,038	Met Online	42.11.31	Metropolitan Museum of Art, New York	Engraved Gem	AD 211 - 217	211	217				Onyx
9,039	BM online	1917,0501.1161	British Museum	Ring	2nd - 3rd century AD	101	300	Hungary		Silver	Chalcedony
9,040	Aquileia 1996	153 (inv. 955/129)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Onyx
9,041	AGD Hamburg	59	Museum für Kunst und Gewerbe Hamburg	Engraved Gem	3rd century AD	201	300				Carnelian
9,042	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Onyx
9,043	Carnuntum 2005	649	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,044	Marshman 2016	20.04	Painted House Museum, Dover	Engraved Gem	mid 2nd - early 3rd century AD	150	225	Britain	Dover		Onyx
9,045	Marshman 2016	1.35	Private Collection	Ring	late 2nd - early 3rd century AD	175	225	Britain	Wroxeter	Gold	Onyx
9,046	Hendler 2016	113	Hendler Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Israel	Caesarea		Onyx
9,047	Marshman 2016	84.06	Private Collection	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Ribchester, Bath House		Onyx
9,048	Marshman 2016	22.11	Colchester Castle Museum	Engraved Gem	late 2nd century - early 3rd century AD	175	225	Britain	Cirencester		Onyx
9,049	Marshman 2016	32.41	Corbridge Roman Site & Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Corbridge		Onyx

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9,050	AG Vienna	2475	Kunsthistorisches Museum Wien	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Garnet
9,051	Met Online	74.51.3950	Metropolitan Museum of Art, New York	Earring	3rd century AD	201	300			Gold	Agate
9,052	Bologna 1987	151 (inv. Gl. 169)	Museo Civico Archeologico di Bologna	Engraved Gem	3rd - 4th century AD	201	400				Onyx
9,053	Carnuntum 2005	694	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Gold	Onyx
9,054	Thorvaldsens online	i241	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx
9,055	Thorvaldsens online	i871	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx
9,056	Thorvaldsens online	i1623	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx
9,057	Thorvaldsens online	i1459	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx
9,058	Venice 1999	9 (inv. G 554)	The National Archaeological Museum, Venice	Engraved Gem	3rd century AD	201	300				Onyx
9,059	Éauze 1996	3D	Archaeological Museum / The Treasure of Eauze	Ring	3rd century AD	201	300	France	Éauze	Gold	Onyx
9,060	Berlin 2007	88	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,061	Berlin 2007	56	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,062	Hague 1978	122	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Carnelian
9,063	BM online	1900,1123.3	British Museum	Ring	3rd century AD	201	300	Britain	South Glamorgan, Sully, Sully Moors	Gold	Onyx
9,064	BM online	AF.417	British Museum	Ring	3rd century AD	201	300	Britain	Mersham	Gold	Onyx
9,065	AG Vienna	1623	Kunsthistorisches Museum Wien	Earring	3rd century AD	201	300			Gold	Onyx (Nicolo)
9,066	AG Vienna	1632	Kunsthistorisches Museum Wien	Brooch	3rd century AD	201	300	Slovakia	Osztropataka (Now Ostrovany, Slovakia)	Gold	Onyx (Nicolo)
9,067	Guiraud 1988/2008	1009	Musée Dobrée, Nantes	Engraved Gem	3rd century AD	201	300	France	Reims		Onyx
9,068	Guiraud 1988/2008	992	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	3rd century AD	201	300	France	Boitray		Onyx
9,069	AGD Hannover	903	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
9,070	Carnuntum 2005	928	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Bronze	Onyx
9,071	Berlin 2007	478	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,072	Carnuntum 2005	1157	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,073	Carnuntum 2005	1203	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,074	Carnuntum 2005	1230	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,075	Carnuntum 2005	1231	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,076	Carnuntum 2005	1204	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
9,077	AG Munich	2572	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Onyx
9,078	AG Munich	2580	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Onyx
9,079	AG Munich	2586	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Onyx
9,080	AG Munich	2834	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Onyx
9,081	Berlin 2007	485	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,082	AGD Berlin	527	Staatliche Museen zu Berlin	Engraved Gem	3rd century AD	201	300				Onyx (Nicolo)
9,083	V&A online	8778-1863	Victoria & Albert Museum	Ring	1st - 2nd century AD	1	200			Gold	Onyx
9,084	V&A online	487-1871	Victoria & Albert Museum	Ring	AD 100 - 200	100	200			Gold	Onyx
9,085	Marshman 2016	67.13	British Museum	Engraved Gem	3rd century AD	201	300	Britain	London		Onyx
9,086	AG Munich	2800	Staatliche Antikensammlungen, Munich	Engraved Gem	AD 200	200	200				Onyx
9,087	Naples 1994	210 (inv. 26006/172)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	AD 200 - 210	200	210				Onyx
9,088	Met Online	41.160.483	Metropolitan Museum of Art, New York	Engraved Gem	2nd century AD	101	200				Agate
9,089	AGD Berlin	542	Staatliche Museen zu Berlin	Engraved Gem	AD 218 - 222	218	222				Onyx (Nicolo)
9,090	CHRE	7396	Private Collection	Ring	AD 235 - 238	235	238	France	Amiens	Gold	Onyx
9,091	AGD Hannover	1256	Museum August Kestner-Hannover	Engraved Gem	AD 50 - 100	1	100				Amethyst

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9,092	BM online	2011,8035.1	British Museum	Ring	AD 200 - 299	200	299	Britain	Stanwick St. John	Gold	Chalcedony
9,093	Carnuntum 2005	1205	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
9,094	Carnuntum 2005	1206	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
9,095	Carnuntum 2005	1215	Private Collection	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
9,096	Carnuntum 2005	1289	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Onyx
9,097	Carnuntum 2005	1290	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Onyx
9,098	Carnuntum 2005	521	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Ring	1st - 2nd century AD	1	200	Austria	Carnuntum	Iron	Onyx
9,099	Carnuntum 2005	1164	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	1st - 2nd century AD	1	200	Austria	Carnuntum		Onyx
9,100	Carnuntum 2005	166	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
9,101	Carnuntum 2005	525	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Onyx
9,102	Carnuntum 2005	529	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
9,103	Carnuntum 2005	921	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Onyx
9,104	Carnuntum 2005	465	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,105	Carnuntum 2005	472	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Onyx
9,106	Carnuntum 2005	1209	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd - 4th century AD	201	400	Austria	Carnuntum		Onyx
9,107	Carnuntum 2005	576	Museum Carnuntinum, Sammlung Graf Ludwigstorff	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Onyx
9,108	Hermitage Online	24101	Hermitage Museum	Ring	2nd - 3rd century AD	101	300	Egypt	Alexandria	Gold	Jasper, Pearl
9,109	Marshman 2016	57.12	Private Collection	Ring	3rd century AD	201	300	Britain	Canterbury, Nr. Intersection Of Burgate Street/ Butchry Lane	Gold	Onyx
9,110	Hague 1978	203	Royal Coin Cabinet, The Hague	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
9,111	CHRE	3886	Private Collection	Ring	AD 260 - 269	260	269	France	Sault-Brénaz	Silver	Onyx
9,112	Marshman 2016	58.02	Private Collection	Engraved Gem	4th century AD	301	400	Britain	York		Onyx
9,113	Thorvaldsens online	i2066	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx
9,114	RMO online	GS-01085	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 7th century AD	101	700				Onyx
9,115	Hermitage Online	10789	Hermitage Museum	Pendant	3rd century AD	201	300	Italy	Rome	Gold	Pearl
9,116	CHRE	8625	Private Collection	Necklace	AD 69 - 81	69	81	France	Saint-Hilaire-Du-Rosier	Gold	Onyx
9,117	CHRE	8625	Private Collection	Necklace	AD 69 - 81	69	81	France	Saint-Hilaire-Du-Rosier	Gold	Onyx
9,118	Hermitage Online	1910-31	Hermitage Museum	Ring	1st century AD	1	100	Italy	Rome	Gold	Garnet
9,119	Ashmolean Online	ANFortnum.FR.159	Ashmolean Museum	Ring	2nd century AD	101	200			Gold	Onyx (Nicolo)
9,120	V&A online	1817-1869	Victoria & Albert Museum	Engraved Gem	1st century BC	-100	-1				Onyx (Nicolo)
9,121	Guiraud 1988/2008	36	Private Collection	Engraved Gem	2nd century BC - 1st century AD	-200	100	France	Paulihac		Onyx (Nicolo)
9,122	Hendler 2016	140	Hendler Collection	Engraved Gem	2nd century BC - early 1st century AD	-200	25	Israel	Caesarea		Onyx (Nicolo)
9,123	AG Vienna	373	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC	-100	-1				Onyx (Nicolo)
9,124	Guiraud 1988/2008	889	British Museum	Ring	1st century BC	-100	-1	France	Compiégne	Gold	Onyx (Nicolo)

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9,125	Guiraud 1988/2008	674	Musée Hyères	Engraved Gem	1st century BC	-100	-1	France	Hyères		Onyx (Nicolo)
9,126	V&A online	572-1871	Victoria & Albert Museum	Engraved Gem	200 - 50 BC	-200	-50			Silver	Onyx (Nicolo)
9,127	Guiraud 1988/2008	286	Centre de Recherches Archéologiques, Saint Marcel	Engraved Gem	1st century BC - 1st century AD	-100	100	France	Saint-Marcel		Onyx (Nicolo)
9,128	Naples 1994	77 (inv. 25835/3)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,129	Naples 1994	80 (inv. 25893/61)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,130	Naples 1994	82 (inv. 25837/5)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,131	Naples 1994	85 (inv. 25833/1)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,132	Naples 1994	86 (inv. 25880/48)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,133	Naples 1994	87 (inv. 25840/8)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,134	Naples 1994	89 (inv. 25998/164 bis)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,135	Naples 1994	96 (inv. 26765/395 ori)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,136	Naples 1994	99 (inv. 25904/71)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,137	Naples 1994	106 (inv. 25867/35)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,138	Naples 1994	108 (inv. 25895/63)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,139	Naples 1994	110 (inv. 25887/55)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,140	Naples 1994	111 (inv. 25839/7)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,141	Naples 1994	113 (inv. 25878/46)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,142	Naples 1994	116 (inv. 25843/11)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,143	Naples 1994	119 (inv. 25853/21)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,144	Naples 1994	143 (inv. 26763/396 ori)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,145	Naples 1994	148 (inv. 25844/12)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,146	Naples 1994	159 (inv. 25905/72)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,147	Naples 1994	162 (inv. 26144/306)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,148	Naples 1994	163 (inv. 25927/94)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,149	Naples 1994	166 (inv. 25846/14)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,150	Naples 1994	168 (inv. 25921/88)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,151	Naples 1994	173 (inv. 25919/86)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,152	Naples 1994	174 (inv. 25863/31)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,153	Naples 1994	175 (inv. 25850/18)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)

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9,154	Naples 1994	176 (inv. 25851/19)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,155	Naples 1994	178 (inv. 25935/102)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,156	Naples 1994	180 (inv. 35861/29)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,157	Naples 1994	182 (inv. 25838/6)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,158	Naples 1994	187 (inv. 25834/2)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,159	Naples 1994	189 (inv. 25847/15)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,160	Naples 1994	190 (inv. 25854/22)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,161	Naples 1994	193 (inv. 25892/60)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,162	Naples 1994	227 (inv. 27277/1415)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,163	Naples 1994	234 (inv. 25939/106)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,164	Naples 1994	244 (inv. 25898/66)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,165	Naples 1994	246 (inv. 25896/64)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,166	Naples 1994	247 (inv. 25951/118)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,167	Naples 1994	259 (inv. 26666/827)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,168	Naples 1994	304 (inv. 27013/1168)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,169	Naples 1994	305 (inv. 27004/1159)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,170	Naples 1994	308 (inv. 27003/1158)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,171	Naples 1994	311 (inv. 26453/614)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Pompeii (?)		Onyx (Nicolo)
9,172	Naples 1994	100 (inv. 25869/37)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,173	Guiraud 1988/2008	377	Private Collection	Engraved Gem	1st century BC - 1st century AD	-100	100	France	Roanne		Onyx (Nicolo)
9,174	Guiraud 1988/2008	75	Staatliche Museen Preussicher Kulturbesitz	Ring	1st century BC - 1st century AD	-100	100	France	Reims	Gold	Onyx (Nicolo)
9,175	Berlin 2007	358	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Onyx (Nicolo)
9,176	Guiraud 1988/2008	470	Dépôt de fouilles, Nantes	Engraved Gem	1st century BC - early 1st century AD	-100	25	France	Saint-Herblain		Onyx (Nicolo)
9,177	de Clercq 1891-1912	2943	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Israel	Banias		Onyx (Nicolo)
9,178	de Clercq 1891-1912	2944	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Onyx (Nicolo)
9,179	Berlin 2007	104	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Onyx (Nicolo)
9,180	Naples 1983	59 (inv. 25195)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Stabiae		Onyx (Nicolo)
9,181	Aquileia 1996	110 (inv. 999/269)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century BC - 1st century AD	-100	100				Onyx (Nicolo)
9,182	CHRE	7230	Private Collection	Ring	mid 1st century BC - 5th century AD	-50	486	France	Pierrefonds	Silver	Onyx (Nicolo)

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9,183	Xanten 1987/1994	221	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 1st century BC	-50	-1	Germany	Andere Fundorte / Ohne Fundort		Onyx (Nicolo)
9,184	Guiraud 1988/2008	21	Musée Archéologique, Lattes	Engraved Gem	mid - late 1st century BC	-50	-1	France	Lattes		Onyx (Nicolo)
9,185	Guiraud 1988/2008	873	Musée St-Didier	Engraved Gem	mid - late 1st century BC	-50	-1	France	Langres		Onyx (Nicolo)
9,186	Guiraud 1988/2008	874	Musée St-Didier	Engraved Gem	mid - late 1st century BC	-50	-1	France	Langres		Onyx (Nicolo)
9,187	Guiraud 1988/2008	485	Private Collection	Engraved Gem	mid - late 1st century BC	-50	-1	France	Cazères		Onyx (Nicolo)
9,188	RMO online	GS-00329	National Museum of Antiquities, Leiden	Engraved Gem	mid - late 1st century BC	-50	-1				Onyx (Nicolo)
9,189	Guiraud 1988/2008	914	Dépôt de fouilles, Castelnaudary	Engraved Gem	mid 1st century BC - mid 1st century AD	-50	50	France	Bram		Onyx (Nicolo)
9,190	Guiraud 1988/2008	654	Private Collection	Engraved Gem	mid 1st century BC - mid 1st century AD	-50	50	France	Doulezon		Onyx (Nicolo)
9,191	Guiraud 1988/2008	325	Musée Réattu, Arles	Ring	mid 1st century BC - mid 1st century AD	-50	50	France	Arles	Gold	Onyx (Nicolo)
9,192	Guiraud 1988/2008	611	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	43 BC - AD 18	-43	18	France	Vienne		Onyx (Nicolo)
9,193	Guiraud 1988/2008	825	Musée Gaston Rapin	Engraved Gem	43 BC - AD 18	-43	18	France	Villeneuve-Sur-Lot		Onyx (Nicolo)
9,194	Guiraud 1988/2008	828	Musée Gaston Rapin	Engraved Gem	43 BC - AD 18	-43	18	France	Villeneuve-Sur-Lot		Onyx (Nicolo)
9,195	Guiraud 1988/2008	273	Musée Sainte-Croix	Engraved Gem	43 BC - AD 18	-43	18	France	Poitiers		Onyx (Nicolo)
9,196	Guiraud 1988/2008	610	Musée, Alise-Sainte-Reine	Engraved Gem	43 BC - AD 18	-43	18	France	Alésia		Onyx (Nicolo)
9,197	Guiraud 1988/2008	612	Private Collection	Engraved Gem	43 BC - AD 18	-43	18	France	D'Olonzac		Onyx (Nicolo)
9,198	Thorvaldsens online	i271	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 1st century AD	-30	100				Onyx (Nicolo)
9,199	Thorvaldsens online	i273	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 1st century AD	-30	100				Onyx (Nicolo)
9,200	Thorvaldsens online	i1492	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,201	Thorvaldsens online	i1494	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Onyx (Nicolo)
9,202	Thorvaldsens online	i255	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,203	Thorvaldsens online	i1273	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,204	Thorvaldsens online	i1533	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,205	Thorvaldsens online	i612	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,206	Thorvaldsens online	i1015	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,207	Thorvaldsens online	i341	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Onyx (Nicolo)
9,208	Thorvaldsens online	i320	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,209	Thorvaldsens online	i733	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,210	Thorvaldsens online	i1540	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,211	Thorvaldsens online	i1509	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,212	Thorvaldsens online	i1449	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,213	Thorvaldsens online	i147	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
9,214	Thorvaldsens online	i911	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,215	Thorvaldsens online	i328	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,216	Thorvaldsens online	i1455	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,217	Thorvaldsens online	i1207	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,218	Thorvaldsens online	i406	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,219	Thorvaldsens online	i515	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,220	Thorvaldsens online	i745	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,221	Thorvaldsens online	i349	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,222	Thorvaldsens online	i1910	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Onyx (Nicolo)
9,223	Thorvaldsens online	i790	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Onyx (Nicolo)
9,224	Thorvaldsens online	i97	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,225	Thorvaldsens online	i1176	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,226	Thorvaldsens online	i957	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,227	Thorvaldsens online	i165	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,228	Thorvaldsens online	i1390	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,229	Thorvaldsens online	i1222	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,230	Thorvaldsens online	i1154	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,231	Thorvaldsens online	i403	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,232	Thorvaldsens online	i1394	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,233	Thorvaldsens online	i209	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Onyx (Nicolo)
9,234	Thorvaldsens online	i210	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,235	Thorvaldsens online	i1445	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,236	Thorvaldsens online	i639	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,237	Thorvaldsens online	i980	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,238	Thorvaldsens online	i972	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,239	Thorvaldsens online	i334	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,240	Thorvaldsens online	i1464	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,241	Thorvaldsens online	11465	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)

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9,242	Thorvaldsens online	i595	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,243	Thorvaldsens online	i427	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,244	Thorvaldsens online	i1435	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,245	Thorvaldsens online	i893	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,246	Thorvaldsens online	i1256	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,247	Thorvaldsens online	i1090	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,248	Thorvaldsens online	i1313	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,249	Thorvaldsens online	i1190	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200			Iron	Onyx (Nicolo)
9,250	Thorvaldsens online	i1104	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,251	Thorvaldsens online	i1168	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,252	Thorvaldsens online	i528	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Onyx (Nicolo)
9,253	RMO online	GS-00223	National Museum of Antiquities, Leiden	Ring	late 1st century BC	-25	-1			Gold	Onyx (Nicolo)
9,254	Guiraud 1988/2008	430	Musée Réattu, Arles	Ring	late 1st century BC	-25	-1	France	Arles	Gold	Onyx (Nicolo)
9,255	Guiraud 1988/2008	461	Dépôt de fouilles, Toulouse	Engraved Gem	late 1st century BC - 1st century AD	-25	100	France	Villeneuve-Tolosane		Onyx (Nicolo)
9,256	Guiraud 1988/2008	742	Musée Barrois, Bar-le-Duc	Engraved Gem	late 1st century BC - early 1st century AD	-25	25	France	Naix-Aux-Forges		Onyx (Nicolo)
9,257	Marshman 2016	122.00	English Heritage Aldborough Site Museum	Engraved Gem	1st - early 2nd century AD	1	125	Britain	Aldborough, Nr North Gate		Onyx (Nicolo)
9,258	Hendler 2016	30	Hendler Collection	Engraved Gem	1st - early 2nd century AD	1	125	Israel	Caesarea		Onyx (Nicolo)
9,259	Ashmolean Online	AN1941.275	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Onyx (Nicolo)
9,260	Guiraud 1988/2008	590	Dépôt de fouilles de Gabian	Engraved Gem	1st - 2nd century AD	1	200	France	Pouzzoles		Onyx (Nicolo)
9,261	Guiraud 1988/2008	308	Dépôt de fouilles, Mâlain	Engraved Gem	1st - 2nd century AD	1	200	France	Mâlain		Onyx (Nicolo)
9,262	Guiraud 1988/2008	734	Dépôt de fouilles, Nantes	Engraved Gem	1st - 2nd century AD	1	200	France	Mauves-Sur-Loire		Onyx (Nicolo)
9,263	Getty Online	85.AN.370.34	J. Paul Getty Museum	Engraved Gem	1st - 4th century AD	1	400				Jasper
9,264	Getty Online	83.AN.256.6	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (Red)
9,265	Getty Online	82.AN.162.62	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Jasper (Red)
9,266	Hendler 2016	123	Hendler Collection	Engraved Gem	1st - 2nd century AD	1	200	Israel	Caesarea		Onyx (Nicolo)
9,267	Guiraud 1988/2008	733	Musée Archéologique et Minéralogique P. Borrione	Engraved Gem	1st - 2nd century AD	1	200	France	Aime		Onyx (Nicolo)
9,268	Guiraud 1988/2008	867	Musée Archéologique, Lattes	Engraved Gem	1st - 2nd century AD	1	200	France	Lattes		Onyx (Nicolo)
9,269	Guiraud 1988/2008	240	Musée Archéologique, Vaison	Engraved Gem	1st - 2nd century AD	1	200	France	Vaison-La Romaine		Onyx (Nicolo)
9,270	Guiraud 1988/2008	443	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	1st - 2nd century AD	1	200	France	Mandeure		Onyx (Nicolo)
9,271	Guiraud 1988/2008	182	Musée d'Art ed d'Histoire, Metz	Engraved Gem	1st - 2nd century AD	1	200	France	Le Héraple		Onyx (Nicolo)
9,272	Guiraud 1988/2008	592	Musée gallo-romain de Lyon-Fourvière	Ring	1st - 2nd century AD	1	200	France	De La Saône	Gold	Onyx (Nicolo)
9,273	Guiraud 1988/2008	572	Musée Réattu, Arles	Engraved Gem	1st - 2nd century AD	1	200	France	Arles		Onyx (Nicolo)
9,274	Guiraud 1988/2008	417	Musée Sainte-Croix	Engraved Gem	1st - 2nd century AD	1	200	France	Poitiers		Onyx (Nicolo)
9,275	Guiraud 1988/2008	358	Musée, Alise-Sainte-Reine	Engraved Gem	1st - 2nd century AD	1	200	France	Alésia		Onyx (Nicolo)
9,276	Guiraud 1988/2008	638	Musée, Alise-Sainte-Reine	Engraved Gem	1st - 2nd century AD	1	200	France	Alésia		Onyx (Nicolo)

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9,277	Bologna 1987	111 (inv. Gl. 115)	Museo Civico Archeologico di Bologna	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,278	Fitzwilliam 1994	185	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	1				Carnelian (sard)
9,279	Fitzwilliam 1994	186	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
9,280	Fitzwilliam 1994	187	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
9,281	Fitzwilliam 1994	188	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
9,282	RMO online	GS-00617	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,283	RMO online	GS-00618	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,284	RMO online	GS-00621	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,285	RMO online	GS-00699	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,286	RMO online	GS-00707	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,287	RMO online	GS-00708	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,288	RMO online	GS-00711	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,289	RMO online	GS-00713	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,290	RMO online	GS-00714	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,291	RMO online	GS-00715	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,292	RMO online	GS-00717	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,293	RMO online	GS-00718	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,294	RMO online	GS-00720	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,295	RMO online	GS-00721	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,296	RMO online	GS-00724	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,297	RMO online	GS-00726	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,298	RMO online	GS-00727	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,299	RMO online	GS-00728	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,300	RMO online	GS-00730	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,301	RMO online	GS-00731	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,302	RMO online	GS-00866	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,303	RMO online	GS-00892	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,304	RMO online	GS-00893	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,305	RMO online	GS-00899	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,306	RMO online	GS-00916	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,307	RMO online	GS-00936	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,308	RMO online	GS-00938	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,309	RMO online	GS-00945	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,310	RMO online	GS-00947	National Museum of Antiquities, Leiden	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,311	Fitzwilliam 1994	189	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
9,312	Fitzwilliam 1994	190	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
9,313	Fitzwilliam 1994	191	Fitzwilliam Museum	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
9,314	BM online	1850,0601.7	British Museum	Ring	1st - 2nd century AD	1	200	Britain	Tyne And Wear, Backworth	Gold	Onyx (Nicolo)
9,315	BM online	1900,1122.4	British Museum	Ring	1st - 2nd century AD	1	200	Britain	Rhayader	Gold	Onyx (Nicolo)
9,316	BM online	1888,1207.1	British Museum	Engraved Gem	AD 211 - 217	211	217	Italy	Verona		Onyx (Nicolo)
9,317	Guiraud 1988/2008	925	British Museum	Engraved Gem	1st - 3rd century AD	1	300	France	Amiens		Onyx (Nicolo)
9,318	AG Vienna	1649	Kunsthistorisches Museum Wien	Ring	2nd century AD	101	200			Gold	Onyx (Nicolo)
9,319	Guiraud 1988/2008	557	Dépôt de fouilles, Ehl	Engraved Gem	1st - 3rd century AD	1	300	France	Ehl		Onyx (Nicolo)
9,320	Guiraud 1988/2008	852	Dépôt de fouilles, Strasbourg	Ring	1st - 3rd century AD	1	300	France	Ehl	Gold	Onyx (Nicolo)
9,321	Guiraud 1988/2008	849	Dépôt de fouilles, Thonon	Engraved Gem	1st - 3rd century AD	1	300	France	Thonon		Onyx (Nicolo)
9,322	Hendler 2016	139	Hendler Collection	Engraved Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Onyx (Nicolo)
9,323	Hendler 2016	7	Hendler Collection	Engraved Gem	1st - 3rd century AD	1	200	Israel	Caesarea		Onyx (Nicolo)
9,324	Guiraud 1988/2008	791	Musée Alise-Sainte-Reine	Engraved Gem	1st - 3rd century AD	1	300	France	Alésia		Onyx (Nicolo)

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9,325	Guiraud 1988/2008	920	Musée Barrois, Bar-le-Duc	Engraved Gem	1st - 3rd century AD	1	300	France	Naix-Aux-Forges		Onyx (Nicolo)
9,326	Guiraud 1988/2008	581	Musée d'Art et d'Histoire, Moulins	Engraved Gem	1st - 3rd century AD	1	300	France	Moulins		Onyx (Nicolo)
9,327	Guiraud 1988/2008	24	Musée de Lyon	Ring	1st - 3rd century AD	1	300	France	Sainte-Colombe	Gold	Onyx (Nicolo)
9,328	Guiraud 1988/2008	927	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	1st - 3rd century AD	1	300	France	Vienne		Onyx (Nicolo)
9,329	Guiraud 1988/2008	924	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	1st - 3rd century AD	1	300	France	Besançon		Onyx (Nicolo)
9,330	Guiraud 1988/2008	767	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	1st - 3rd century AD	1	300	France	Vienne		Onyx (Nicolo)
9,331	Guiraud 1988/2008	866	Musée, Alise-Sainte-Reine	Engraved Gem	1st - 3rd century AD	1	300	France	Alésia		Onyx (Nicolo)
9,332	Fitzwilliam 1994	253	Fitzwilliam Museum	Engraved Gem	1st - 2nd century AD	1	200				Chalcedony
9,333	Fitzwilliam 1994	254	Fitzwilliam Museum	Engraved Gem	1st century AD	1	100				Chalcedony
9,334	Fitzwilliam 1994	255	Fitzwilliam Museum	Engraved Gem	2nd century AD	101	200				Chalcedony
9,335	Fitzwilliam 1994	256	Fitzwilliam Museum	Engraved Gem	2nd century AD	101	200				Chalcedony
9,336	Fitzwilliam 1994	257	Fitzwilliam Museum	Engraved Gem	2nd century AD	101	200				Chalcedony
9,337	Fitzwilliam 1994	258	Fitzwilliam Museum	Engraved Gem	2nd century AD	101	200				Carnelian
9,338	RMO online	GS-00941	National Museum of Antiquities, Leiden	Engraved Gem	1st - 3rd century AD	1	300				Onyx (Nicolo)
9,339	RMO online	GS-00946	National Museum of Antiquities, Leiden	Engraved Gem	1st - 3rd century AD	1	300				Onyx (Nicolo)
9,340	Fitzwilliam 1994	259	Fitzwilliam Museum	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
9,341	Fitzwilliam 1994	260	Fitzwilliam Museum	Engraved Gem	2nd century AD	101	200				Carnelian
9,342	Fitzwilliam 1994	261	Fitzwilliam Museum	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
9,343	Fitzwilliam 1994	262	Fitzwilliam Museum	Engraved Gem	1st century AD	1	100				Carnelian
9,344	Marshman 2016	31.36	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Aldborough		Onyx (Nicolo)
9,345	Marshman 2016	26.18	Private Collection	Ring	1st - 4th century AD	1	400	Britain	Llansadwrn, Abermarlais Park	Gold	Onyx (Nicolo)
9,346	Marshman 2016	31.08	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Alcester		Onyx (Nicolo)
9,347	Marshman 2016	117.06	Private Collection	Engraved Gem	1st - 4th century AD	1	400	Britain	Wroxeter		Onyx (Nicolo)
9,348	Marshman 2016	87.02	Tullie House Museum, Carlisle	Ring	1st - 4th century AD	1	400	Britain	Castlesteads	Iron	Onyx (Nicolo)
9,349	Ashmolean Online	AN1941.391	Ashmolean Museum	Engraved Gem	1st century AD	1	100	Croatia	Dalmacija		Onyx (Nicolo)
9,350	BM online	1824,0301.21	British Museum	Engraved Gem	AD 211 - 217	211	217				Onyx (Nicolo)
9,351	Xanten 1987/1994	49	des Rheinischen Landesmuseums Bonn	Engraved Gem	1st century AD	1	100	Germany	Fürstenberg And Its Environs		Onyx (Nicolo)
9,352	AG Vienna	374	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC	-100	-1	Italy	Rome		Onyx (Nicolo)
9,353	AG Vienna	1653	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Italy	Rome		Onyx (Nicolo)
9,354	Xanten 1987/1994	53	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Fürstenberg And Its Environs		Onyx (Nicolo)
9,355	Xanten 1987/1994	60	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Fürstenberg And Its Environs		Onyx (Nicolo)
9,356	Xanten 1987/1994	80	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Fürstenberg And Its Environs		Onyx (Nicolo)
9,357	Xanten 1987/1994	109	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Fürstenberg And Its Environs		Onyx (Nicolo)
9,358	Xanten 1987/1994	169	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Onyx (Nicolo)

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9,359	Xanten 1987/1994	243	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Onyx (Nicolo)
9,360	Xanten 1987/1994	245	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Onyx (Nicolo)
9,361	Guiraud 1988/2008	245	Musée Archéologique de Châtillon-sur-Seine	Engraved Gem	1st century AD	1	100	France	Vertault		Onyx (Nicolo)
9,362	Guiraud 1988/2008	623	Musée Archéologique, Bavay	Engraved Gem	1st century AD	1	100	France	Bavay		Onyx (Nicolo)
9,363	Guiraud 1988/2008	668	Musée Archéologique, Brenteuil-sur-Noye	Engraved Gem	1st century AD	1	100	France	Vendeuil-Caply		Onyx (Nicolo)
9,364	Guiraud 1988/2008	543	Musée Archéologique, Dijon	Engraved Gem	1st century AD	1	100	France	Mont Beuvray		Onyx (Nicolo)
9,365	Guiraud 1988/2008	826	Musée Archéologique, Dijon	Ring	1st century AD	1	100	France	Sources De La Seine	Gold	Onyx (Nicolo)
9,366	Guiraud 1988/2008	933	Musée Archéologique, Nîmes	Engraved Gem	1st century AD	1	100	France	Nîmes		Onyx (Nicolo)
9,367	Guiraud 1988/2008	60	Musée Château de Montbéliard	Engraved Gem	1st century AD	1	100	France	Mandeure		Onyx (Nicolo)
9,368	Guiraud 1988/2008	713	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring	1st century AD	1	100	France	Til-Châtel	Gold	Onyx (Nicolo)
9,369	Guiraud 1988/2008	242	Musée de la Diana, Montbrison	Engraved Gem	1st century AD	1	100	France	Chalain-D'Uzore		Onyx (Nicolo)
9,370	Guiraud 1988/2008	620	Musée Départemental des Vosges	Engraved Gem	1st century AD	1	100	France	Grand		Onyx (Nicolo)
9,371	Guiraud 1988/2008	824	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	1st century AD	1	100	France	Vienne		Onyx (Nicolo)
9,372	Guiraud 1988/2008	765	Musée du Château, Montbéliard	Engraved Gem	1st century AD	1	100	France	Mandeure		Onyx (Nicolo)
9,373	Guiraud 1988/2008	717	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	1st century AD	1	100	France	Lyon		Onyx (Nicolo)
9,374	Guiraud 1988/2008	723	Musée Gaston Rapin	Engraved Gem	1st century AD	1	100	France	Villeneuve-Sur-Lot		Onyx (Nicolo)
9,375	Guiraud 1988/2008	880	Musée Gaston Rapin	Engraved Gem	1st century AD	1	100	France	Villeneuve-Sur-Lot		Onyx (Nicolo)
9,376	Guiraud 1988/2008	549	Musée Mandeure	Engraved Gem	1st century AD	1	100	France	Mandeure		Onyx (Nicolo)
9,377	Guiraud 1988/2008	309	Musée Rolin, Autun, Autun	Engraved Gem	1st century AD	1	100	France	Marmagne		Onyx (Nicolo)
9,378	Guiraud 1988/2008	762	Musée Rolin, Autun, Autun	Ring	1st century AD	1	100	France	Autun	Gold	Onyx (Nicolo)
9,379	Guiraud 1988/2008	451	Musée, Alise-Sainte-Reine	Engraved Gem	1st century AD	1	100	France	Alésia		Onyx (Nicolo)
9,380	Guiraud 1988/2008	532	Musée, Alise-Sainte-Reine	Engraved Gem	1st century AD	1	100	France	Alésia		Onyx (Nicolo)
9,381	Aquileia 1996	43 (inv. 1256/307)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,382	Pompeii 1987	60	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century AD	1	100	Italy	Oplontis		Onyx (Nicolo)
9,383	Bologna 1987	102 (inv. Ori 124)	Museo Civico Archeologico di Bologna	Ring	1st century AD	1	100			Gold	Onyx (Nicolo)
9,384	RMO online	GS-00577	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,385	RMO online	GS-00590	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,386	RMO online	GS-00592	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,387	RMO online	GS-00593	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,388	RMO online	GS-00594	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,389	RMO online	GS-00595	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,390	RMO online	GS-00596	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,391	RMO online	GS-00597	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,392	RMO online	GS-00598	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,393	RMO online	GS-00599	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,394	RMO online	GS-00603	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,395	RMO online	GS-00605	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,396	RMO online	GS-00608	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)

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9,397	RMO online	GS-00609	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,398	RMO online	GS-00611	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,399	RMO online	GS-00613	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,400	RMO online	GS-00615	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,401	RMO online	GS-00623	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,402	RMO online	GS-00624	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,403	RMO online	GS-00642	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,404	RMO online	GS-00656	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,405	RMO online	GS-00657	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,406	Guiraud 1988/2008	168	Private Collection	Ring	1st century AD	1	100	France	Nissan-Lez-Enserune	Gold	Onyx (Nicolo)
9,407	Guiraud 1988/2008	842	Private Collection	Engraved Gem	1st century AD	1	100	France	Théza		Onyx (Nicolo)
9,408	Guiraud 1988/2008	864	Private Collection	Engraved Gem	1st century AD	1	100	France	Pouillé		Onyx (Nicolo)
9,409	Aquileia 1966	265 (inv. 26541)	The National Archaeological Museum of Aquileia	Engraved Gem	1st century AD	1	100	Italy	Aquileia		Onyx (Nicolo)
9,410	Aquileia 1966	450 (inv. 25500)	The National Archaeological Museum of Aquileia	Engraved Gem	1st century AD	1	100	Italy	Aquileia		Onyx (Nicolo)
9,411	Thorvaldsens online	i726	Thorvaldsens Museum, Copenhagen	Ring	1st century AD	1	100			Iron	Onyx (Nicolo)
9,412	Marshman 2016	49.17	Vindolanda Site Museum	Engraved Gem	1st century AD	1	100	Britain	Chesterholm (Vindolanda)		Onyx (Nicolo)
9,413	Guiraud 1988/2008	630	Musée du Berry	Engraved Gem	1st century BC	1	100	France	Saint-Satur		Onyx (Nicolo)
9,414	Guiraud 1988/2008	538	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	early - mid 1st century AD	1	50	France	Lyon		Onyx (Nicolo)
9,415	Guiraud 1988/2008	595	Group de récherches archéologiques, Saintes	Engraved Gem	early - mid 1st century AD	1	50	France	Saintes		Onyx (Nicolo)
9,416	Xanten 1987/1994	20	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century AD	1	50	Germany	Fürstenberg And Its Environs		Onyx (Nicolo)
9,417	Xanten 1987/1994	205	LVR-Archäologischer Park Xanten	Ring	early - mid 1st century AD	1	50	Germany	Andere Fundorte / Ohne Fundort	Iron	Onyx (Nicolo)
9,418	Xanten 1987/1994	84	LVR-Archäologischer Park Xanten	Engraved Gem	early 1st century AD	1	25	Germany	Fürstenberg And Its Environs		Onyx (Nicolo)
9,419	Marshman 2016	42.04	Saffron Walden Museum	Engraved Gem	early 1st century AD	1	25	Britain	Stansted Airport		Onyx (Nicolo)
9,420	Marshman 2016	28.01	National Museum of Scotland, Edinburgh	Ring	early 1st century AD	1	25	Britain	Newstead, South Annex	Iron	Onyx (Nicolo)
9,421	Bologna 1987	97 (inv. Ori 147)	Museo Civico Archeologico di Bologna	Engraved Gem	early - mid 1st century AD	1	50				Onyx (Nicolo)
9,422	Marshman 2016	95.00	Colchester Castle Museum	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Colchester, 29-39 Head Street (Insula 33B), Colchester		Onyx (Nicolo)
9,423	Marshman 2016	47.00	Colchester Castle Museum	Engraved Gem	early - Mid 1st century AD	1	50	Britain	Colchester		Onyx (Nicolo)
9,424	Marshman 2016	121.06	National Roman Legion Museum, Caerleon	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Caerleon, Souther Canabae Courtyard Complex		Onyx (Nicolo)
9,425	Marshman 2016	117.05	Painted House Museum, Dover	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Richborough		Onyx (Nicolo)
9,426	Marshman 2016	79.02	Roman Alcester Museum	Engraved Gem	early - Mid 1st century AD	1	75	Britain	Alcester		Onyx (Nicolo)
9,427	Marshman 2016	22.14	Museum of London	Engraved Gem	Mid 1st century AD	25	75	Britain	London		Onyx (Nicolo)
9,428	AG Vienna	1655	Kunsthistorisches Museum Wien	Engraved Gem	AD 101-125	101	125	Italy	Rome		Onyx (Nicolo)
9,429	Guiraud 1988/2008	573	Private Collection	Engraved Gem	mid 1st - early 2nd century AD	50	125	France	Lyon		Onyx (Nicolo)

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9,430	Guiraud 1988/2008	332	Saint-Germain-en-Laye	Ring	mid - 2nd century AD	50	200	France	Échevronne	Gold	Onyx (Nicolo)
9,431	AG Vienna	1664	Kunsthistorisches Museum Wien	Engraved Gem	AD 150 - 200	150	200				Onyx (Nicolo)
9,432	Marshman 2016	81.08	Fishbourne Site Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Fishbourne		Onyx (Nicolo)
9,433	Marshman 2016	86.02	Private Collection of J. S. Washer	Engraved Gem	Mid 1st century AD	50	75	Britain	Maldon		Onyx (Nicolo)
9,434	Marshman 2016	121.01	Roman Alcester Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Alcester, Northen Suburb		Onyx (Nicolo)
9,435	Marshman 2016	122.08	Rutland County Museum	Ring	Mid 1st century AD	50	75	Britain	Great Casterton, Fort	Iron	Onyx (Nicolo)
9,436	Marshman 2016	75.01	Museum of London	Engraved Gem	Mid 1st century AD?	50	75	Britain	London, 23-29 Eastcheap		Onyx (Nicolo)
9,437	Xanten 1987/1994	115	des Rheinischen Landesmuseums Bonn	Engraved Gem	late 1st - mid 2nd century AD	75	150	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)
9,438	Xanten 1987/1994	143	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)
9,439	Guiraud 1988/2008	591	Musée Barrois, Bar-le-Duc	Engraved Gem	late 1st - 2nd century AD	75	200	France	Naix-Aux-Forges		Onyx (Nicolo)
9,440	Guiraud 1988/2008	333	Musée, Mandeure	Engraved Gem	late 1st - 2nd century AD	75	200	France	Mandeure		Onyx (Nicolo)
9,441	Marshman 2016	16.03	British Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Abingdon	Silver	Onyx (Nicolo)
9,442	Marshman 2016	16.600	British Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	London	Bronze	Onyx (Nicolo)
9,443	Marshman 2016	16.42	Colchester Castle Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Colchester		Onyx (Nicolo)
9,444	Marshman 2016	17.56	English Heritage Aldborough Site Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Aldborough	Iron	Onyx (Nicolo)
9,445	Marshman 2016	9.21	Grosvenor Museum, Chester	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Chester		Onyx (Nicolo)
9,446	Xanten 1987/1994	195	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - early 2nd century AD	75	125	Germany	Andere Fundorte / Ohne Fundort		Onyx (Nicolo)
9,447	Marshman 2016	17.10	Moyse's Hall Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Icklingham	Silver	Onyx (Nicolo)
9,448	Marshman 2016	16.53	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Onyx (Nicolo)
9,449	Marshman 2016	21.37	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Onyx (Nicolo)
9,450	Marshman 2016	16.02	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Owmby		Onyx (Nicolo)
9,451	Marshman 2016	27.02	National Museum of Wales	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Brecon		Onyx (Nicolo)
9,452	Marshman 2016	78.02	Ashmolean Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Asthall?		Onyx (Nicolo)
9,453	Marshman 2016	122.04	Bowes Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Binchester	Iron	Onyx (Nicolo)
9,454	Marshman 2016	124.03	Bristol Museum & Art Gallery	Ring	late 1st - early 2nd century AD	75	125	Britain	Charterhouse-On-Mendip	Iron	Onyx (Nicolo)
9,455	Marshman 2016	78.01	British Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Backworth	Gold	Onyx (Nicolo)
9,456	Marshman 2016	120.17	Corbridge Roman Site & Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Corbridge		Onyx (Nicolo)
9,457	Marshman 2016	36.00	Grosvenor Museum, Chester	Engraved Gem	late 1st - early 2nd century AD	75	225	Britain	Chester, Roodeye		Onyx (Nicolo)
9,458	Marshman 2016	85.05	Jewry Wall Museum, Leicester	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Leicester, Blue Boar Lane		Onyx (Nicolo)
9,459	Marshman 2016	81.01	Museum of Gloucester	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Gloucester, 45-9 Orth Gate		Onyx (Nicolo)
9,460	Marshman 2016	85.03	Museum of London	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	London, Bucklesbury House		Onyx (Nicolo)

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9,461	Marshman 2016	118.11	Museum of London	Ring	late 1st - early 2nd century AD	75	125	Britain	Lomdon, Walbrook, Bucklebury House	Iron	Onyx (Nicolo)
9,462	Marshman 2016	125.03	Museum of London	Ring	late 1st - early 2nd century AD	75	125	Britain	London, Walbrook Or Waterfront	Iron	Onyx (Nicolo)
9,463	Marshman 2016	55.00	Private Collection	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Winteringham		Onyx (Nicolo)
9,464	Marshman 2016	128.00	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Eldon Hill		Onyx (Nicolo)
9,465	Marshman 2016	100.00	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Onyx (Nicolo)
9,466	Marshman 2016	125.12	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Caerleon		Onyx (Nicolo)
9,467	Marshman 2016	119.02	Newport Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Caerleon, Mill Street	Gold	Onyx (Nicolo)
9,468	Marshman 2016	92.00	Oxfordshire County Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Woodeaton		Onyx (Nicolo)
9,469	Marshman 2016	71.06	Shrewsbury Museum & Art Gallery	Ring	late 1st - early 2nd century AD	75	125	Britain	Wroxeter	Iron	Onyx (Nicolo)
9,470	Marshman 2016	119.03	Stoke-on-Trent Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Tollgate Farm		Onyx (Nicolo)
9,471	Marshman 2016	134.00	Wakefield Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Castleford	Silver	Onyx (Nicolo)
9,472	Marshman 2016	84.05	Warrington Municipal Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Widerspool		Onyx (Nicolo)
9,473	Marshman 2016	107.09	Wroxeter Site Museum	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Wroxeter, Bath/ Macellum		Onyx (Nicolo)
9,474	Marshman 2016	53.00	Bristol Museum & Art Gallery	Engraved Gem	late 1st century AD	75	100	Britain	Chaterhouse-On-Mendip	Iron	Onyx (Nicolo)
9,475	Marshman 2016	116.00	Buxton Museum	Ring	late 1st century AD	75	100	Britain	Melandra Castle	Iron	Onyx (Nicolo)
9,476	Marshman 2016	89.17	Fishbourne Site Museum	Ring	late 1st century AD	75	100	Britain	Fishbourne	Iron	Onyx (Nicolo)
9,477	Marshman 2016	85.17	Harlow Museum	Engraved Gem	late 1st century AD	75	100	Britain	Harlow, Holbrooks		Onyx (Nicolo)
9,478	Marshman 2016	64.02	Jewry Wall Museum, Leicester	Ring	late 1st century AD	75	100	Britain	Leicester	Iron	Onyx (Nicolo)
9,479	Marshman 2016	120.10	Museum of London	Ring	late 1st century AD	75	100	Britain	London, 116-126 Borough High Street	Bronze	Onyx (Nicolo)
9,480	Marshman 2016	36.02	Private Collection	Ring	late 1st century AD	75	100	Britain	Wanborough	Iron	Onyx (Nicolo)
9,481	Marshman 2016	89.27	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Onyx (Nicolo)
9,482	Marshman 2016	28.03	Roman Baths Museum, Bath	Engraved Gem	late 1st century AD	75	100	Britain	Roman Baths Museum, Bath		Onyx (Nicolo)
9,483	Marshman 2016	36.01	Museum of London	Ring	late 1st century AD	75	100	Britain	London, 1 Poultry	Iron	Onyx (Nicolo)
9,484	Marshman 2016	26.20	Clifton Park Museum, Rotherham	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Templeborough		Onyx (Nicolo)
9,485	Marshman 2016	25.58	Vindolanda Site Museum	Engraved Gem	late 1st - early 2nd century AD	75	225	Britain	Chesterholm (Vindolanda)		Onyx (Nicolo)
9,486	CHRE	2876	Private Collection	Engraved Gem	AD 77 - 258	77	258	Croatia	Bušetina		Onyx (Nicolo)
9,487	Guiraud 1988/2008	61II	Musée Dobrée, Nantes	Ring	late 1st - mid 2nd century AD	75	150	France	Pays-De-La-Loire; Loire-Atlantique (In The Guilhard Garden)	Gold	Onyx (Nicolo)
9,488	Xanten 1987/1994	137	des Rheinischen Landesmuseums Bonn	Engraved Gem	late 1st - early 2nd century AD	75	125	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)

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9,489	Marshman 2016	22.12	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st - early 2nd century AD	75	125	Britain	Newstead		Onyx (Nicolo)
9,490	Marshman 2016	22.01	York Archaeological Trust	Ring	late 1st - early 2nd century AD	75	125	Britain	York	Iron	Onyx (Nicolo)
9,491	Ashmolean Online	ANFortnum.FR.178	Ashmolean Museum	Ring	3rd century AD	201	300			Silver	Onyx (Nicolo)
9,492	Guiraud 1988/2008	231	Musée Archéologique Mary Larrieu-Duler	Engraved Gem	2nd - 3rd century AD	101	300	France	Lectoure		Onyx (Nicolo)
9,493	Guiraud 1988/2008	324	Musée Archéologique regional, Saint-Pere	Engraved Gem	2nd - 3rd century AD	101	300	France	Fontaines-Salées		Onyx (Nicolo)
9,494	Guiraud 1988/2008	534	Musée Archéologique, Saintes	Ring	2nd - 3rd century AD	101	300	France	Saintes	Gold	Onyx (Nicolo)
9,495	Guiraud 1988/2008	662	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring	2nd - 3rd century AD	101	300	France	Abgerville	Gold	Onyx (Nicolo)
9,496	Guiraud 1988/2008	375	Musée de la Diana, Montbrison	Ring	2nd - 3rd century AD	101	300	France	Chalain-D'Uzore	Gold	Onyx (Nicolo)
9,497	Guiraud 1988/2008	262	Musée de la Princerie, Verdun	Engraved Gem	2nd - 3rd century AD	101	300	France	Verdun		Onyx (Nicolo)
9,498	Guiraud 1988/2008	672	Musée des Beaux-Arts et d'Archéologie de Vienne	Ring	2nd - 3rd century AD	101	300	France	Vienne	Gold	Onyx (Nicolo)
9,499	Guiraud 1988/2008	656	Musée des Beaux-Arts et d'Archéologie de Vienne	Ring	2nd - 3rd century AD	101	300	France	Dragages Du Doubs	Bronze	Onyx (Nicolo)
9,500	Guiraud 1988/2008	463	Musée des Beaux-Arts et d'Archéologie de Vienne	Engraved Gem	2nd - 3rd century AD	101	300	France	Vienne		Onyx (Nicolo)
9,501	Guiraud 1988/2008	227	Musée du Berry	Engraved Gem	2nd - 3rd century AD	101	300	France	Bourges		Onyx (Nicolo)
9,502	Guiraud 1988/2008	261	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	2nd - 3rd century AD	101	300	France	Boistray		Onyx (Nicolo)
9,503	Guiraud 1988/2008	344	Private Collection	Ring	2nd - 3rd century AD	101	300	France	Vieil-Évreux	Gold	Onyx (Nicolo)
9,504	Guiraud 1988/2008	468	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Saint-Jean-Le-Vieux		Onyx (Nicolo)
9,505	Guiraud 1988/2008	706	Private Collection	Ring	2nd - 3rd century AD	101	300	France	Strasbourg	Gold	Onyx (Nicolo)
9,506	RMO online	GS-00965	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
9,507	RMO online	GS-01011	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
9,508	RMO online	GS-01013	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
9,509	RMO online	GS-01062	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Onyx (Nicolo)
9,510	Guiraud 1988/2008	202	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Voiteur		Onyx (Nicolo)
9,511	Guiraud 1988/2008	626	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	France	Gevrey-Chambertin		Onyx (Nicolo)
9,512	Marshman 2016	22.16	Ashmolean Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Margiovinium (Nr Fenny Stratford)		Onyx (Nicolo)
9,513	BM online	1934,1115.11	British Museum	Ring	3rd century AD	201	300				Onyx (Nicolo)
9,514	Marshman 2016	21.39	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Sleaford		Onyx (Nicolo)
9,515	Marshman 2016	101.00	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Thursby, Nr Carlisle	Gold	Onyx (Nicolo)
9,516	Marshman 2016	119.08	British Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Chattam Hill, Gillingham	Gold	Onyx (Nicolo)
9,517	Marshman 2016	16.27	Carmarthenshire Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Dolaucothi	Iron	Onyx (Nicolo)
9,518	Marshman 2016	48.01	Corbridge Roman Site & Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Corbridge	Iron	Onyx (Nicolo)
9,519	Marshman 2016	107.25	Corinium Museum, Cirencester	Ring	late 1st - 2nd century AD	75	200	Britain	Cirencester	Iron	Onyx (Nicolo)
9,520	Marshman 2016	13.03	Doncaster Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Doncaster		Onyx (Nicolo)
9,521	Marshman 2016	17.31	Ebglish Heritage Aldborough Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Aldborough		Onyx (Nicolo)
9,522	Marshman 2016	32.37	Guildhall Art Gallery	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London, Barge Yard London		Onyx (Nicolo)
9,523	Marshman 2016	99.00	Harlow Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Harlow		Onyx (Nicolo)
9,524	Marshman 2016	21.12	Kelvingrove Art Gallery and Museum	Ring	late 1st - 2nd century AD	75	200	Britain	High Torrs	Iron	Onyx (Nicolo)

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9,525	Xanten 1987/1994	117	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)
9,526	Xanten 1987/1994	126	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)
9,527	Xanten 1987/1994	127	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)
9,528	Marshman 2016	14.22	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Richborough		Onyx (Nicolo)
9,529	Marshman 2016	9.18	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Baldock	Iron	Onyx (Nicolo)
9,530	Marshman 2016	17.01	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Nr. Macclesfield		Onyx (Nicolo)
9,531	Marshman 2016	31.12	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Near Selby	Gold	Onyx (Nicolo)
9,532	Marshman 2016	53.04	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	North Leigh, Bridewell Farm		Onyx (Nicolo)
9,533	Marshman 2016	104.08	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Richborough		Onyx (Nicolo)
9,534	Marshman 2016	14.17	National Museum of Scotland, Edinburgh	Ring	late 1st - 2nd century AD	75	200	Britain	Newstead	Iron	Onyx (Nicolo)
9,535	Marshman 2016	16.32	National Museum of Scotland, Edinburgh	Ring	late 1st - 2nd century AD	75	200	Britain	Cappuck	Iron	Onyx (Nicolo)
9,536	Marshman 2016	9.20	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Onyx (Nicolo)
9,537	Marshman 2016	16.09	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Onyx (Nicolo)
9,538	Marshman 2016	22.08	National Roman Legion Museum, Caerleon	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Onyx (Nicolo)
9,539	Marshman 2016	17.21	Newport Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Caerleon		Onyx (Nicolo)
9,540	Marshman 2016	71.15	Oxfordshire County Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Asthall		Onyx (Nicolo)
9,541	Marshman 2016	67.02	Peterborough City Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Ashton		Onyx (Nicolo)
9,542	Marshman 2016	16.620	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	London		Onyx (Nicolo)
9,543	Marshman 2016	17.38	Private Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Gorhambury		Onyx (Nicolo)
9,544	Marshman 2016	89.26	Private Collection	Ring	late 1st - 2nd century AD	75	200	Britain	Gestingthorpe	Iron	Onyx (Nicolo)
9,545	Marshman 2016	17.97	The Novium Museum, Chichester	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chichester		Onyx (Nicolo)
9,546	Marshman 2016	67.11	Verulamium Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Saint Albans		Onyx (Nicolo)
9,547	Marshman 2016	100.01	Verulamium Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Gorhambury		Onyx (Nicolo)
9,548	Marshman 2016	14.60	Vindolanda Site Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Chesterholm		Onyx (Nicolo)
9,549	Wright 2001	15	Wright Collection	Engraved Gem	late 1st - 2nd century AD	75	200	Croatia	Zagred		Onyx (Nicolo)
9,550	Marshman 2016	102.00	Yorkshire Museum, York	Ring	late 1st - 2nd century AD	75	200	Britain	York Mount Cementery	Gold	Onyx (Nicolo)
9,551	Guiraud 1988/2008	540	Dépôt archéologique de Mâlain	Ring	2nd century AD	101	200	France	Mâlain	Gold	Onyx (Nicolo)
9,552	Guiraud 1988/2008	258	Dépôt de fouilles, Gaujac	Engraved Gem	2nd century AD	101	200	France	Gaujac		Onyx (Nicolo)
9,553	Guiraud 1988/2008	588	Dépôt de fouilles, Nantes	Engraved Gem	2nd century AD	101	200	France	Rezé		Onyx (Nicolo)
9,554	Guiraud 1988/2008	115	Dépôt de fouilles, Strasbourg	Engraved Gem	2nd century AD	101	200	France	Benfeld, Bas-Rhin		Onyx (Nicolo)
9,555	Israel online	70.62.394	The Israel Museum, Jerusalem	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,556	Guiraud 1988/2008	301	Musée Archéologique, Brenteuil-sur-Noye	Engraved Gem	2nd century AD	101	200	France	Vendeuil-Caply		Onyx (Nicolo)
9,557	Guiraud 1988/2008	566	Musée Archéologique, Epernay	Engraved Gem	2nd century AD	101	200	France	Morains		Onyx (Nicolo)
9,558	Guiraud 1988/2008	539	Musée Archéologique, Saintes	Engraved Gem	2nd century AD	101	200	France	Saintes		Onyx (Nicolo)
9,559	Guiraud 1988/2008	435	Musée Château de Montbéliard	Ring	2nd century AD	101	200	France	Mandeure	Iron	Onyx (Nicolo)
9,560	Guiraud 1988/2008	103	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring	2nd century AD	101	200	France	Mont-Berny	Gold	Onyx (Nicolo)

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9,561	Guiraud 1988/2008	138	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	2nd century AD	101	200	France	Chateau-Bellant		Onyx (Nicolo)
9,562	Guiraud 1988/2008	373	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	2nd century AD	101	200	France	Mont-Berny		Onyx (Nicolo)
9,563	Guiraud 1988/2008	101	Musée Départemental des Antiquités, Rouen	Ring	2nd century AD	101	200	France	La Haye-Malherbe	Gold	Onyx (Nicolo)
9,564	Guiraud 1988/2008	133	Musée Dobrée, Nantes	Ring	2nd century AD	101	200	France	Blain	Gold	Onyx (Nicolo)
9,565	Guiraud 1988/2008	759	Musée du Château, Montbéliard	Ring	2nd century AD	101	200	France	Mandeure	Gold	Onyx (Nicolo)
9,566	Guiraud 1988/2008	121	Musée du Périgord	Ring	2nd century AD	101	200	France	Périgueux	Gold	Onyx (Nicolo)
9,567	Guiraud 1988/2008	455	Musée gallo-romain de Lyon-Fourvière	Ring	2nd century AD	101	200	France	Boistray	Gold	Onyx (Nicolo)
9,568	Bologna 1987	155 (inv. Ori 127)	Museo Civico Archeologico di Bologna	Ring	2nd century AD	101	200			Gold	Onyx (Nicolo)
9,569	Guiraud 1988/2008	104	Private Collection	Engraved Gem	2nd century AD	101	200	France	Bordeaux		Onyx (Nicolo)
9,570	Guiraud 1988/2008	436	Private Collection	Engraved Gem	2nd century AD	101	200	France	Villeneuve-Sur-Lot		Onyx (Nicolo)
9,571	RMO online	GS-00655	National Museum of Antiquities, Leiden	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,572	Guiraud 1988/2008	139	Palais du Roure, Avignon	Engraved Gem	2nd century AD	101	200	France	Arles		Onyx (Nicolo)
9,573	Guiraud 1988/2008	98	Private Collection	Ring	2nd century AD	101	200	France	Gièvres	Iron	Onyx (Nicolo)
9,574	Guiraud 1988/2008	178	Private Collection	Engraved Gem	2nd century AD	101	200	France	Castelnau-Le-Lez		Onyx (Nicolo)
9,575	Guiraud 1988/2008	541	Private Collection	Ring	2nd century AD	101	200	France	Vouhe	Gold	Onyx (Nicolo)
9,576	Guiraud 1988/2008	570	Private Collection	Engraved Gem	2nd century AD	101	200	France	Revel-Tourdan		Onyx (Nicolo)
9,577	Guiraud 1988/2008	212	Saint-Germain-en-Laye	Engraved Gem	2nd century AD	101	200	France	Poitiers		Onyx (Nicolo)
9,578	Berlin 2007	651	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Onyx (Nicolo)
9,579	Aquileia 1966	586 (inv. 25517)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Onyx (Nicolo)
9,580	Aquileia 1966	605 (inv. 26237)	The National Archaeological Museum of Aquileia	Engraved Gem	2nd century AD	101	200	Italy	Aquileia		Onyx (Nicolo)
9,581	Aquileia 1996	152 (inv. 1180/236)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Onyx (Nicolo)
9,582	Aquileia 1996	154 (inv. 1179/96)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - early 3rd century AD	75	300				Onyx (Nicolo)
9,583	Marshman 2016	49.04	Private Collection	Ring	mid 2nd century AD	126	175	Britain	Watercrook	Iron	Onyx (Nicolo)
9,584	CHRE	8608	Private Collection	Ring	AD 132 - 256	132	256	France	Nivolas-Vermelle	Gold	Onyx (Nicolo)
9,585	Getty Online	2001.28.7	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Sardonyx
9,586	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Onyx (Nicolo)
9,587	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Gold	Onyx (Nicolo)
9,588	CHRE	6329	Private Collection	Ring	AD 145 - 285	145	285	France	Sainte-Georges-De-Reneins	Silver	Onyx (Nicolo)
9,589	Xanten 1987/1994	120	LVR-Archäologischer Park Xanten	Ring	mid 2nd - early 3rd century AD	150	225	Germany	Colonia Ulpia Traiana Und Umgebung	Iron	Onyx (Nicolo)
9,590	Marshman 2016	64.00	Vindolanda Site Museum	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Chesterholm (Vindolanda)		Onyx (Nicolo)
9,591	Xanten 1987/1994	135a	des Rheinischen Landesmuseums Bonn	Engraved Gem	mid - late 2nd century AD	150	200	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)
9,592	Marshman 2016	105.25	British Museum	Ring	Mid 2nd century AD	150	175	Britain	Backworth	Gold	Onyx (Nicolo)
9,593	Marshman 2016	126.02	British Museum	Ring	Mid 2nd century AD	150	175	Britain	Backworth	Gold	Onyx (Nicolo)

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9,594	Marshman 2016	17.17	English Heritage Store Atcham	Ring	AD 150	150	150	Britain	Wroxeter	Iron	Onyx (Nicolo)
9,595	Marshman 2016	9.61	Vindolanda Site Museum	Engraved Gem	mid - late 2nd century AD	150	200	Britain	Chesterholm		Onyx (Nicolo)
9,596	CHRE	3813	Private Collection	Ring	AD 161 - 268	161	268	France	Mons-Boubert	Silver	Onyx (Nicolo)
9,597	CHRE	7433	Private Collection	Ring	AD 168 - 268	168	268	Germany	Xanten 1964	Gold	Onyx (Nicolo)
9,598	Marshman 2016	1.21	Colchester Castle Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Colchester	Silver	Onyx (Nicolo)
9,599	BM Online	1981,0201.39	British Museum	Pendant	AD 193 - 235	193	235	Britain	Thetford	Gold	Onyx (Nicolo)
9,600	Marshman 2016	32.34	Private Collection	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Temple Grafton	Gilded Bronze	Onyx (Nicolo)
9,601	Marshman 2016	16.33	National Roman Legion Museum, Caerleon	Ring	late 2nd - early 3rd century AD	175	225	Britain	Caerleon	Silver	Onyx (Nicolo)
9,602	Marshman 2016	17.22	Salford Museum & Art Gallery	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Higher Broughton		Onyx (Nicolo)
9,603	Marshman 2016	14.09	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Onyx (Nicolo)
9,604	Marshman 2016	17.13	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm		Onyx (Nicolo)
9,605	Marshman 2016	17.54	York Archaeological Trust	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	York		Onyx (Nicolo)
9,606	Marshman 2016	118.17	British Museum	Ring	late 2nd - 3rd century AD	175	300	Britain	Dry Hill, Lingfield	Gold	Onyx (Nicolo)
9,607	Marshman 2016	139.06	Reading Museum	Engraved Gem	late 2nd - 3rd century AD	175	300	Britain	Silchester		Onyx (Nicolo)
9,608	Marshman 2016	119.01	Shrewsbury Museum & Art Gallery	Ring	late 2nd - 3rd century AD	175	300	Britain	Wroxeter	Iron	Onyx (Nicolo)
9,609	Marshman 2016	107.27	Vindolanda Site Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Chesterholm (Vindolanda)		Onyx (Nicolo)
9,610	Xanten 1987/1994	138	des Rheinischen Landesmuseums Bonn	Ring	late 2nd - mid 3rd century AD	175	250	Germany	Colonia Ulpia Traiana Und Umgebung	Gold	Onyx (Nicolo)
9,611	Marshman 2016	89.16	Chester Site Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Chester		Onyx (Nicolo)
9,612	Marshman 2016	17.48	Chester Site Museum	Engraved Gem	late 2nd century AD	175	200	Britain	Chester		Onyx (Nicolo)
9,613	Guiraud 1988/2008	426	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Ring	late 2nd century AD	175	200	France	Nord De 'Auvergne	Gold	Onyx (Nicolo)
9,614	Guiraud 1988/2008	475	Private Collection	Engraved Gem	late 2nd century AD	175	200	France	Chirmont		Onyx (Nicolo)
9,615	Marshman 2016	66.01	Vindolanda Site Museum	Engraved Gem	AD 180 - 192	180	192	Britain	Chesterholm (Vindolanda)		Onyx (Nicolo)
9,616	AG Vienna	457	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
9,617	BM online	1880,3995.a-g	British Museum	Bead	2nd century AD	101	200				Onyx (Nicolo)
9,618	CHRE	7163	Private Collection	Ring	AD 198 - 268	198	268	France	Saint-Boil	Gold	Onyx (Nicolo)
9,619	Xanten 1987/1994	145	LVR-Archäologischer Park Xanten	Engraved Gem	late 2nd - mid 3rd century AD	175	250	Germany	Colonia Ulpia Traiana Und Umgebung		Onyx (Nicolo)
9,620	Guiraud 1988/2008	701	Musée gallo-romain de Lyon-Fourvière	Ring	early - mid 3rd century AD	201	250	France	Bourgoin	Gold	Onyx (Nicolo)
9,621	Marshman 2016	22.04	British Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Colchester	Gold	Onyx (Nicolo)
9,622	Marshman 2016	57.04	Museum of Archaeology & Anthropology, Cambridge	Engraved Gem	early 3rd century AD	201	225	Britain	Godmanchester		Onyx (Nicolo)
9,623	Éauze 1996	2E	Archaeological Museum / The Treasure of Eauze	Engraved Gem	3rd century AD	201	300	France	Éauze		Onyx (Nicolo)
9,624	Éauze 1996	1E	Archaeological Museum / The Treasure of Eauze	Engraved Gem	3rd century AD	201	300	France	Éauze		Onyx (Nicolo)
9,625	Thorvaldsens online	i1179	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx (Nicolo)
9,626	Thorvaldsens online	i615	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Onyx (Nicolo)
9,627	Thorvaldsens online	i661	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Gold	Onyx (Nicolo)
9,628	Thorvaldsens online	i1300	Thorvaldsens Museum, Copenhagen	Ring	3rd - 4th century AD	201	400			Iron	Onyx (Nicolo)
9,629	Thorvaldsens online	i330	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx (Nicolo)
9,630	Thorvaldsens online	i1500	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx (Nicolo)
9,631	Thorvaldsens online	i669	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Onyx (Nicolo)

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9,632	Thorvaldsens online	i670	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,633	Thorvaldsens online	i816	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,634	Thorvaldsens online	i305	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,635	Thorvaldsens online	i1585	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,636	Thorvaldsens online	i951	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,637	Thorvaldsens online	i1123	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,638	Thorvaldsens online	i1518	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,639	Thorvaldsens online	i711	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,640	Thorvaldsens online	i1033	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,641	Thorvaldsens online	i1318	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,642	Thorvaldsens online	i302	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,643	Thorvaldsens online	i306	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,644	Thorvaldsens online	i1660	Thorvaldsens Museum, Copenhagen	Engraved Gem
9,645	Marshman 2016	8.08	British Museum	Engraved Gem
9,646	Marshman 2016	17.45	British Museum	Ring
9,647	Marshman 2016	21.02	British Museum	Ring
9,648	Marshman 2016	22.06	British Museum	Ring
9,649	Marshman 2016	16.760	Colchester Castle Museum	Engraved Gem
9,650	Marshman 2016	14.52	Private Collection	Engraved Gem
9,651	Marshman 2016	17.12	National Museum of Scotland, Edinburgh	Engraved Gem
9,652	Marshman 2016	9.53	North Lincolnshire Museum, Scunthorpe	Engraved Gem
9,653	Marshman 2016	22.05	Shrewsbury Museum & Art Gallery	Engraved Gem
9,654	Berlin 2007	271	Staatliche Museen zu Berlin	Engraved Gem
9,655	Naples 1994	194 (inv. 25907/74)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
9,656	Naples 1994	195 (inv. 25978/145)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem
9,657	Bologna 1987	247 (inv. Gl. 271)	Museo Civico Archeologico di Bologna	Engraved Gem
9,658	Éauze 1996	4D	Archaeological Museum / The Treasure of Eauze	Ring
9,659	Éauze 1996	6E	Archaeological Museum / The Treasure of Eauze	Engraved Gem
9,660	Éauze 1996	9E	Archaeological Museum / The Treasure of Eauze	Engraved Gem
9,661	Éauze 1996	10E	Archaeological Museum / The Treasure of Eauze	Engraved Gem
9,662	Éauze 1996	11E	Archaeological Museum / The Treasure of Eauze	Engraved Gem
9,663	Éauze 1996	12E	Archaeological Museum / The Treasure of Eauze	Engraved Gem
9,664	BM online	1856,0701.806	British Museum	Ring
9,665	BM online	1880,3699.A	British Museum	Bead
9,666	BM online	1872,0604.61	British Museum	Ring
9,667	BM online	1872,0604.556	British Museum	Earring
9,668	BM online	1824,0301.39	British Museum	Engraved Gem
9,669	BM online	1824,0301.14	British Museum	Engraved Gem
9,670	Marshman 2016	81.07	Corinium Museum, Cirencester	Ring
9,671	Marshman 2016	100.20	Grosvenor Museum, Chester	Ring

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3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400			Iron	Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
3rd - 4th century AD	201	400				Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Sussex		Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Snape	Gold	Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Oxford	Gold	Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Eppleby	Gold	Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Colchester		Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Caistor St. Edmund		Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Newstead		Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Dragonby		Onyx (Nicolo)
late 2nd - 3rd century AD	175	300	Britain	Wroxeter		Onyx (Nicolo)
second half of the 1st century BC - early 1st century AD	-50	10				Onyx (Nicolo)
3rd century AD	201	300				Onyx (Nicolo)
3rd century AD	201	300				Onyx (Nicolo)
3rd century AD	201	300				Onyx (Nicolo)
3rd century AD	201	300	France	Éauze	Gold	Onyx (Nicolo)
3rd century AD	201	300	France	Éauze		Onyx (Nicolo)
3rd century AD	201	300	France	Éauze		Onyx (Nicolo)
3rd century AD	201	300	France	Éauze		Onyx (Nicolo)
3rd century AD	201	300	France	Éauze		Onyx (Nicolo)
3rd century AD	201	300	France	Éauze		Onyx (Nicolo)
3rd century AD	201	300			Iron	Onyx (Nicolo)
1st century AD	1	100				Onyx
1st - 3rd century AD	1	300				Onyx (Nicolo)
2nd century AD	101	200			Gold	Onyx (Nicolo)
1st - 2nd century AD	1	200				Onyx (Nicolo)
1st - 2nd century AD	1	200				Onyx (Nicolo)
3rd century AD	201	300	Britain	Cirencester	White Metal	Onyx (Nicolo)
3rd century AD	201	300	Britain	Acton Bridge	Gold	Onyx (Nicolo)

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
9,672	Marshman 2016	89.25	Harlow Museum	Ring	3rd century AD	201	300	Britain	Sheering	Gold	Onyx (Nicolo)
9,673	Marshman 2016	89.03	Maidstone Museum	Ring	3rd century AD	201	300	Britain	Reculver	Bronze	Onyx (Nicolo)
9,674	Guiraud 1988/2008	67II	Musée Archéologique, Rouen	Ring	3rd century AD	201	300	France	Eure; Haye-Malherbe (La)	Gold	Onyx (Nicolo)
9,675	Marshman 2016	93.03	Museum of London	Ring	3rd century AD	201	300	Britain	271-321 Lefevre Walk Estate, Parnell Road, Old Ford, Bow	Gold	Onyx (Nicolo)
9,676	Marshman 2016	31.35	Private Collection	Ring	3rd century AD	201	300	Britain	Dalton Parlours	Silver	Onyx (Nicolo)
9,677	Marshman 2016	31.37	Private Collection	Ring	3rd century AD	201	300	Britain		Gold	Onyx (Nicolo)
9,678	Marshman 2016	32.15	Private Collection	Ring	3rd century AD	201	300	Britain	Mlborough, Near Wiltshire	Gold	Onyx (Nicolo)
9,679	Marshman 2016	81.06	National Museum of Wales	Engraved Gem	3rd century AD	201	300	Britain	Newton Moor, Tyn-Y-Waun Farm	Gold	Onyx (Nicolo)
9,680	Marshman 2016	47.02	Norwich Castle Museum	Ring	3rd century AD	201	300	Britain	Norfolk?	Gold	Onyx (Nicolo)
9,681	Marshman 2016	116.02	Private Collection	Ring	3rd century AD	201	300	Britain	Lackford	Gold	Onyx (Nicolo)
9,682	Marshman 2016	25.19	Vindolanda Site Museum	Ring	3rd century AD	201	300	Britain	Chesterholm (Vindolanda	Gold	Onyx (Nicolo)
9,683	Marshman 2016	26.07	National Roman Legion Museum, Caerleon	Ring	3rd century AD	201	300	Britain	Caerrleon	Silver & Gold	Onyx (Nicolo)
9,684	AG Vienna	1663	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Hungary			Onyx (Nicolo)
9,685	Naples 1994	212 (inv. 26009/175)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	AD 220	220	220				Onyx (Nicolo)
9,686	CHRE	6325	Private Collection	Ring	AD 235 - 238	235	238	France	Sainte-Consorce	Silver	Onyx (Nicolo)
9,687	CHRE	7396	Private Collection	Ring	AD 235 - 238	235	238	France	Amiens	Gold	Onyx (Nicolo)
9,688	Guiraud 1988/2008	547	Private Collection	Engraved Gem	AD 250	250	250	France	Sault-Du-Rhône		Onyx (Nicolo)
9,689	Guiraud 1988/2008	589	Private Collection	Ring	AD 250	250	250	France	Saint-Marcellin	Gold	Onyx (Nicolo)
9,690	CHRE	7527	Private Collection	Ring	AD 253 - 271	253	271	France	Ouagne	Gold	Onyx (Nicolo)
9,691	CHRE	3886	Private Collection	Ring	AD 260 - 269	260	269	France	Sault-Brénaz	Gold	Onyx (Nicolo)
9,692	BM online	1872,0604.1495	British Museum	Earring	2nd century AD	101	200			Gold	Onyx (Nicolo)
9,693	CHRE	100	Private Collection	Engraved Gem	AD 293 - 296	293	296	Britain	Godmanchester 1956		Onyx (Nicolo)
9,694	Marshman 2016	126.01	Private Collection	Ring	4th - 5th century AD	301	500	Britain	Terling Place	Gold	Onyx (Nicolo)
9,695	Marshman 2016	19.00	British Museum	Ring	late 3rd - 4th century AD	275	400	Britain	Howletts	Gold	Onyx (Nicolo)
9,696	Marshman 2016	14.08	Private Collection	Ring	late 3rd - 4th century AD	275	400	Britain	Tangley	Gold	Onyx (Nicolo)
9,697	Marshman 2016	58.00	British Museum	Ring	4th century AD	301	400	Britain	Havering-Atte-Bower	Gold	Onyx (Nicolo)
9,698	Marshman 2016	107.26	Private Collection	Ring	4th century AD	301	400	Britain	Great Stanmore, Bentley Priori	Gold	Onyx (Nicolo)
9,699	Marshman 2016	39.15	Reading Museum	Ring	4th century AD	301	400	Britain	Silchester	Gold	Onyx (Nicolo)
9,700	Avisseau-Broustet and Vollenweider 2003	110 (inv. 58.2071)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 330	330	330				Onyx (Nicolo)
9,701	Marshman 2016	57.06	Victoria & Albert Museum	Ring	late 4th - early 5th century AD	375	425	Britain	East Midlands?	Gold	Onyx (Nicolo)
9,702	Guiraud 1988/2008	456	British Museum	Ring	late 4th century AD	375	400	France	Beaurains		Onyx (Nicolo)
9,703	CHRE	4744	Private Collection	Ring	AD 383 - 388	383	388	Britain	Thetford 1962	Gold	Onyx

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9,704	Hague 1978	969	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd century AD	101	300	Britain	Thetford 1962		Jasper (red)
9,705	Hermitage Online	1897-13	Hermitage Museum	Earring	3rd century AD	201	300	Russia	Salomatina	Gold	Garnet
9,706	Berlin 1975	Tafel 29. 2	Staatliche Museen zu Berlin	Necklace	1st century BC - 4th century AD	-100	400			Gold	Pearl
9,707	Berlin 1975	Tafel 50. 11	Staatliche Museen zu Berlin	Earring	2nd - 3rd century AD	101	300			Gold	Pearl
9,708	Naples 1983	316 (inv. 129499)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Pearl
9,709	BM online	1814,0704.1161	British Museum	Earring	AD 193	193	193			Gold	Pearl
9,710	BM online	1917,0601.2581	British Museum	Earring	2nd - 3rd century AD	101	300	Egypt	Fayum	Gold	Pearl
9,711	Met Online	74.51.3964	Metropolitan Museum of Art, New York	Earring	2nd century AD	101	200			Gold	Agate, Pearl
9,712	V&A online	8735&A-1863	Victoria & Albert Museum	Earring	1st - 4th century AD	1	400			Gold	Pearl
9,713	BM online	1873,0529.3	British Museum	Earring	2nd century AD	101	200			Gold	Pearl
9,714	BM online	1873,0529.2	British Museum	Earring	2nd century AD	101	200			Gold	Pearl
9,715	BM online	1872,0604.603	British Museum	Earring	1st - 4th century AD	1	400			Gold	Pearl
9,716	BM online	1856,0826	British Museum	Pendant	4th - 5th century AD	301	500			Gold	Pearl
9,717	BM online	1872,0604.1492	British Museum	Earring	2nd century AD	101	200			Gold	Pearl
9,718	Hermitage Online	19385	Hermitage Museum	Ring	1st century AD	1	100	Turkey		Gold	Garnet
9,719	AG Vienna	413	Kunsthistorisches Museum Wien	Engraved Gem	late 1st century BC - early 1st century AD	-10	10	Italy	Oplontis		Aquamarine
9,720	Vesuvius 1997	133 (inv. 5340)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem	1st century AD	1	100	Italy	Pompeii		Pearl
9,721	Pompeii 1987	4A	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Oplontis	Gold	Pearl
9,722	Pompeii 1987	5	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Oplontis	Gold	Pearl
9,723	Pompeii 1987	28	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Pearl
9,724	Guzzo 2003	IV.28	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,725	Guzzo 2003	IV.29	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,726	Guzzo 2003	IV.33	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,727	Guzzo 2003	IV.34	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,728	Guzzo 2003	IV.74	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,729	Guzzo 2003	IV.15	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,730	Pompeii 1987	4B	Museo Archaeologico Nazionale di Napoli (MANN)	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,731	Guzzo 2003	I.114	Soprintendenza Archeologica di Pompei	Earring	1st century AD	1	100	Italy	Pompeii	Gold	Pearl
9,732	Guzzo 2003	IV.394	Soprintendenza Archeologica di Pompei	Pendant	1st century AD	1	100	Italy	Pompeii		Pearl
9,733	Berlin 1975	Tafel 49. 1	Staatliche Museen zu Berlin	Earring	1st - 2nd century AD	1	200	Greece	Crete	Gold	Pearl
9,734	Berlin 1975	Tafel 50. 3	Staatliche Museen zu Berlin	Earring	3rd century AD	201	300			Gold	Pearl
9,735	BM online	1896,1016.10	British Museum	Earring	100 - 50 BC	-100	-30			Gold	Garnet
9,736	BM online	1896,1016.10	British Museum	Earring	100 - 50 BC	-100	-30			Gold	Garnet
9,737	BM online	1917,0501.437.+	British Museum	Ring	1st - 2nd century AD	1	200			Gold	Garnet
9,738	BM online	1917,0501.405	British Museum	Ring	1st - 2nd century AD	1	200			Gold	Garnet
9,739	CHRE	12516	Private Collection	Ring	1st - mid 4th century AD	1	367	France	Vron 2	Bronze	Pearl
9,740	CHRE	14756	Colchester Castle Museum	Earring	AD 41 - 54	41	54	Britain	Colchester High Street	Gold	Pearl
9,741	Chabouillet 1858	Camée.141 Number of deposit: Chabouillet.179	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Bead	AD 90 - 113	90	113				Pearl

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9,742	CHRE	7356	Private Collection	Necklace
9,743	Berlin 1975	Tafel 48. 8	Staatliche Museen zu Berlin	Earring
9,744	BM online	1814,0704.1156	British Museum	Earring
9,745	BM online	1872,0604.1493	British Museum	Earring
9,746	BM online	1872,0604.1494	British Museum	Earring
9,747	BM online	1772,0314.96.B	British Museum	Necklace
9,748	BM online	1917,0601.2583	British Museum	Earring
9,749	BM online	1872,0604.608	British Museum	Earring
9,750	BM online	1814,0704.1157	British Museum	Earring
9,751	BM online	1917,0601.2732	British Museum	Necklace
9,752	BM online	1917,0601.2587	British Museum	Earring
9,753	BM online	1872,0604.186	British Museum	Earring
9,754	BM online	1814,0704.1162	British Museum	Earring
9,755	BM online	1917,0601.27	British Museum	Earring
9,756	BM online	1872,0604.602	British Museum	Earring
9,757	BM online	1772,0314.149	British Museum	Earring
9,758	BM online	1867,0508.47	British Museum	Earring
9,759	BM online	1917,0601.24	British Museum	Earring
9,760	Berlin 1975	Tafel 29. 4	Staatliche Museen zu Berlin	Necklace
9,761	BM online	1917,0601.2643	British Museum	Earring
9,762	BM online	1917,0601.2673	British Museum	Earring
9,763	BM online	1872,0604.603	British Museum	Earring
9,764	BM online	1879,0115.90	British Museum	Earring
9,765	BM online	1917,0601.2753	British Museum	Necklace
9,766	BM online	1872,0604.1491	British Museum	Earring
9,767	CHRE	2806	Private Collection	Necklace
9,768	Berlin 1975	Tafel 48. 4	Staatliche Museen zu Berlin	Earring
9,769	Berlin 1975	Tafel 48. 7	Staatliche Museen zu Berlin	Earring
9,770	BM online	1882,1012.5	British Museum	Earring
9,771	Éauze 1996	1B	Archaeological Museum / The Treasure of Eauze	Earring
9,772	BM online	1917,0601.2649	British Museum	Earring
9,773	BM online	1917,0601.2644	British Museum	Earring
9,774	Hermitage Online	9523	Hermitage Museum	Ring
9,775	BM online	1917,0601.2580	British Museum	Earring
9,776	BM online	1872,0604.601	British Museum	Earring
9,777	BM online	1917,0601.2433	British Museum	Earring
9,778	BM online	1872,0604.1002	British Museum	Earring
9,779	BM online	1867,0508.465	British Museum	Earring
9,780	BM online	1917,0601.2681	British Museum	Earring
9,781	BM online	1917,0601.2682	British Museum	Earring
9,782	BM online	1851,0519.28	British Museum	Earring
9,783	BM online	1980,0201.139	British Museum	Pendant
9,784	BM online	1772,0314.136	British Museum	Ring
9,785	BM online	AF.326	British Museum	Ring
9,786	CHRE	4936	Private Collection	Earring
9,787	Hague 1978	970	Royal Coin Cabinet, The Hague	Engraved Gem
9,788	CHRE	4936	Private Collection	Earring

Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
AD 96 - 98	96	98	France	Les Martres-De-Veyre		Pearl
1st century AD	1	100			Gold	Pearl
2nd - 3rd century AD	101	300			Gold	Pearl
2nd century AD	101	200			Gold	Pearl
2nd century AD	101	200			Gold	Pearl
2nd - 3rd century AD	101	300			Gold	Pearl
2nd - 3rd century AD	101	300	Egypt	Fayum	Gold	Pearl
2nd century AD	101	200			Gold	Pearl
2nd - 3rd century AD	101	300			Gold	Pearl
2nd - 3rd century AD	101	300	Syria	Tartus	Gold	Pearl
2nd - 3rd century AD	101	300			Gold	Pearl
late 1st - 2nd century AD	75	200			Gold	Garnet
3rd century AD	201	300			Gold	Pearl
3rd century AD	201	300			Gold	Pearl
1st - 2nd century AD	1	200			Gold	Pearl
1st - 4th century AD	1	400			Gold	Pearl
2nd century AD	101	200			Gold	Pearl
2nd century AD	101	200			Gold	Pearl
2nd century AD	101	200			Gold	Pearl
1st - 3rd century AD	1	300			Gold	Pearl
1st - 4th century AD	1	400			Gold	Pearl
1st - 4th century AD	1	400			Gold	Pearl
2nd century AD	101	200	Syria	Tortosa	Gold	Pearl
1st - 4th century AD	1	400			Gold	Pearl
1st - 4th century AD	1	400			Gold	Pearl
AD 181 - 182	181	182	Serbia	Bela Reka	Silver	Pearl
1st century AD	1	100			Gold	Pearl
2nd century AD	101	200	Cyrpus	Tomassos	Gold	Pearl
3rd century AD	201	300			Gold	Pearl
3rd century AD	201	300	France	Éauze	Gold	Pearl
3rd century AD	201	300			Gold	Pearl
1st - 3rd century AD	1	300			Gold	Pearl
3rd century AD	201	300	Turkey		Gold	Garnet
1st - 3rd century AD	1	300			Gold	Pearl
1st - 3rd century AD	1	300			Gold	Pearl
1st - 2nd century AD	1	200			Gold	Pearl
3rd century AD	201	300			Gold	Pearl
3rd century AD	201	300			Gold	Pearl
3rd century AD	201	300			Gold	Pearl
3rd century AD	201	300			Gold	Pearl
3rd century AD	201	300			Gold	Pearl
1st - 4th century AD	1	400			Gold	Pearl
4th century AD	301	400			Gold	Pearl
4th century AD	301	400			Gold	Pearl
AD 260 - 293	260	293	Algeria	Timgad 1910	Gold	Pearl
2nd - 3rd century AD	101	300	Algeria	Timgad 1910		Jasper (red)
AD 260 - 293	260	293	Algeria	Timgad 1910	Gold	Pearl

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9,789	CHRE	4717	Private Collection	Ring	late 3rd - 4th century AD	275	400	Tunisia	Carthage I Hill Of St Louis	Gold	Pearl
9,790	CHRE	8004	Private Collection	Earring	AD 383 - 420	383	420	Jordan	Humayma	Gold	Pearl
9,791	BM online	1917,0501.791	British Museum	Ring	3rd - 4th century AD	201	400			Gold	Chrysoprase, Pearl
9,792	BM online	1917,0501.855	British Museum	Ring	3rd century AD	201	300			Gold	Sapphire
9,793	AG Vienna	1356	Kunsthistorisches Museum Wien	Engraved Gem	early 2nd century AD	101	125				Peridot
9,794	Met Online	81.6.65	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 2nd century AD	-100	200				Peridot
9,795	Met Online	81.6.120	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Peridot
9,796	BM online	1872,0604.1274	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Peridot
9,797	V&A online	498-1871	Victoria & Albert Museum	Ring	4th - 5th century AD	301	500			Gold	Sapphire
9,798	Hendler 2016	124	Hendler Collection	Engraved Gem	mid 1st century BC - early 1st century AD	-50	25	Israel	Caesarea		Sapphire
9,799	BM online	1872,0604.546	British Museum	Earring	1st - 2nd century AD	1	200			Gold	Sapphire
9,800	BM online	1867,0508.410	British Museum	Ring	3rd century AD	201	300			Gold	Emerald, Sapphire
9,801	Hendler 2016	282	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Sapphire
9,802	Hendler 2016	284	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Sapphire
9,803	BM online	1772,0314.73	British Museum	Earring	1st - 4th century AD	1	400			Gold	Emerald, Sapphire
9,804	Vesuvius 1997	120 (inv. 39597)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century AD	1	100	Italy	Pompeii		Sapphire
9,805	Penn Online	29-128-889	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	1st century BC - 4th century AD	-100	400				Sapphire
9,806	CHRE	8625	Private Collection	Earring	AD 69 - 81	69	81	France	Saint-Hilaire-Du-Rosier	Gold	Sapphire
9,807	BM online	1903,0717.3	British Museum	Brooch	3rd century AD	201	300	Tunisia	Tunis	Gold	Emerald, Pearl, Sapphire
9,808	Penn Online	29-128-396	The University of Pennsylvania Museum of Archaeology and Anthropology	Engraved Gem	AD 70 - 79	70	79	Italy	Rome		Sapphire
9,809	BM online	1867,0508.461	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Chrysoprase, Sapphire
9,810	BM online	1867,0508.460	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Chrysoprase, Sapphire
9,811	BM online	1882,1012.7	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Sapphire
9,812	BM online	1872,0604.670	British Museum	Necklace	1st - 2nd century AD	1	200			Gold	Emerald, Pearl, Sapphire
9,813	BM online	1814,0704.1157	British Museum	Earring	2nd - 3rd century AD	101	300			Gold	Pearl, Sapphire
9,814	BM online	1872,0604.10	British Museum	Brooch	2nd - 3rd century AD	101	300			Gold	Sapphire
9,815	RMO online	GS-00917	National Museum of Antiquities, Leiden	Engraved Gem	2nd - 3rd century AD	101	300				Sapphire
9,816	Berlin 1975	Tafel 31. 4	Staatliche Museen zu Berlin	Necklace	2nd - 3rd century AD	101	300			Gold	Sapphire
9,817	Walters Online	42.1008	Walters Art Museum	Ring	4th century AD	300	400			Gold	Sapphire
9,818	de Clercq 1891-1912	3065	Musée du Louvre	Engraved Gem	2nd - 4th century AD	101	400	Syria	Tartus		Sapphire
9,819	Guiraud 1988/2008	63II	Musée Dobrée, Nantes	Ring	late 1st - 2nd century AD	75	200	France	Brittany, Finistère	Gold	Sapphire
9,820	Getty Online	96.AM.208	J. Paul Getty Museum	Necklace	3rd century AD	201	300			Gold	Amethyst
9,821	BM online	1772,0314.126	British Museum	Earring	2nd century AD	101	200			Gold	Sapphire
9,822	BM online	1862,0729.4	British Museum	Necklace	3rd century AD	201	300			Gold	Emerald, Sapphire
9,823	BM online	1872,0604.33	British Museum	Ring	3rd century AD	201	300			Gold	Sapphire

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE
9,824	Ashmolean Online	AN1933.1693	Ashmolean Museum	Engraved Gem
9,825	CHRE	5858	Private Collection	Ring
9,826	BM online	1856,0425.80	British Museum	Ring
9,827	BM online	1772,0314.39	British Museum	Ring
9,828	Éauze 1996	12.2A	Archaeological Museum / The Treasure of Eauze	Bead
9,829	BM online	1917,0501.776	British Museum	Ring
9,830	BM online	1872,0604.195	British Museum	Ring
9,831	BM online	1917,0501.851	British Museum	Ring
9,832	BM online	1772,0314.125.2	British Museum	Pendant
9,833	BM online	1814,0704.1202	British Museum	Necklace
9,834	BM online	1917,0501.792	British Museum	Ring
9,835	Hague 1978	200	Royal Coin Cabinet, The Hague	Engraved Gem
9,836	Getty Online	83.AM.225.1	J. Paul Getty Museum	Necklace
9,837	V&A online	567-1871	Victoria & Albert Museum	Ring
9,838	MFA online	01.7543	Museum of Fine Arts, Boston	Engraved Gem
9,839	CHRE	6317	Private Collection	Necklace
9,840	Carnuntum 2005	560	Kunsthistorisches Museum Wien	Engraved Gem
9,841	Carnuntum 2005	108	Kunsthistorisches Museum Wien	Engraved Gem
9,842	Carnuntum 2005	563	Kunsthistorisches Museum Wien	Engraved Gem
9,843	Carnuntum 2005	58	Kunsthistorisches Museum Wien	Engraved Gem
9,844	Carnuntum 2005	681	Kunsthistorisches Museum Wien	Engraved Gem
9,845	Carnuntum 2005	838	Kunsthistorisches Museum Wien	Engraved Gem
9,846	Carnuntum 2005	181	Kunsthistorisches Museum Wien	Engraved Gem
9,847	Carnuntum 2005	852	Kunsthistorisches Museum Wien	Engraved Gem
9,848	Carnuntum 2005	1132	Kunsthistorisches Museum Wien	Engraved Gem
9,849	Carnuntum 2005	627	Kunsthistorisches Museum Wien	Ring
9,850	Carnuntum 2005	505	Museum Carnuntinum	Ring
9,851	Carnuntum 2005	598	Museum Carnuntinum	Engraved Gem
9,852	Carnuntum 2005	872	Museum Carnuntinum	Engraved Gem
9,853	Carnuntum 2005	977	Museum Carnuntinum	Engraved Gem
9,854	Carnuntum 2005	1060	Museum Carnuntinum	Engraved Gem
9,855	Carnuntum 2005	32	Museum Carnuntinum	Engraved Gem
9,856	Carnuntum 2005	712	Museum Carnuntinum	Ring
9,857	Carnuntum 2005	1001	Museum Carnuntinum	Engraved Gem
9,858	Carnuntum 2005	1007	Museum Carnuntinum	Engraved Gem
9,859	Carnuntum 2005	1116	Museum Carnuntinum	Engraved Gem
9,860	Carnuntum 2005	845	Museum Carnuntinum	Ring
9,861	Carnuntum 2005	885	Museum Carnuntinum	Engraved Gem
9,862	Carnuntum 2005	1287	Museum Carnuntinum	Ring
9,863	Carnuntum 2005	1288	Museum Carnuntinum	Ring
9,864	Carnuntum 2005	1284N	Museum Carnuntinum	Pendant
9,865	Carnuntum 2005	1038	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem
9,866	Carnuntum 2005	748	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem
9,867	Carnuntum 2005	1281	Private Collection	Blank Gem

Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
4th century AD	301	400	Britain	Stonham Aspall	Gold	Sapphire
AD 138 - 161	138	161	France	Saint-Gervais-En-Belin	Gold	Sapphire
3rd - 4th century AD	201	400			Gold	Sapphire
3rd century AD	201	300			Gold	Chrysoprase, Sapphire
3rd century AD	201	300	France	Éauze		Sapphire
3rd century AD	201	300			Gold	Sapphire
3rd century AD	201	300			Gold	Sapphire
AD 200 - 300	200	300			Gold	Sapphire
1st - 4th century AD	1	400			Gold	Chrysoprase, Sapphire
3rd century AD	201	300			Gold	Sapphire
4th century AD	301	400			Gold	Emerald
1st century BC	-100	-1				Carnelian
AD 379 - 395	379	395			Gold	Garnet, Sapphire
1st century AD	1	100			Gold	Lapis Lazuli
4th century AD	301	400				Sapphire
AD 268 - 318	268	318	France	Lyon	Gold	Sapphire
2nd century AD	101	200	Austria	Carnuntum		Sardonyx
2nd century AD	101	200	Austria	Carnuntum		Sardonyx
2nd century AD	101	200	Austria	Carnuntum		Sardonyx
2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
3rd century AD	201	300	Austria	Carnuntum		Sardonyx
3rd century AD	201	300	Austria	Carnuntum		Sardonyx
3rd - 4th century AD	201	400	Austria	Carnuntum		Sardonyx
4th century AD	301	400	Austria	Carnuntum	Gold	Sardonyx
2nd century AD	101	200	Austria	Carnuntum	Bronze	Sardonyx
2nd century AD	101	200	Austria	Carnuntum		Sardonyx
2nd century AD	101	200	Austria	Carnuntum		Sardonyx
2nd century AD	101	200	Austria	Carnuntum		Sardonyx
2nd century AD	101	200	Austria	Carnuntum		Sardonyx
2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
2nd - 3rd century AD	101	300	Austria	Carnuntum	Silver	Sardonyx
2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
2nd - 4th century AD	101	400	Austria	Carnuntum		Sardonyx
3rd century AD	201	300	Austria	Carnuntum	Silver	Sardonyx
3rd century AD	201	300	Austria	Carnuntum		Sardonyx
3rd century AD	201	300	Austria	Carnuntum	Gold	Sardonyx
3rd century AD	201	300	Austria	Carnuntum	Gold	Sardonyx
3rd century AD	201	300	Austria	Carnuntum	Gold	Sardonyx
2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
3rd century AD	201	300	Austria	Carnuntum		Sardonyx
1st - 4th century AD	1	399	Austria	Carnuntum		Sardonyx

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
9,868	Carnuntum 2005	1282	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Sardonyx
9,869	Carnuntum 2005	1284	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Sardonyx
9,870	Carnuntum 2005	1285	Private Collection	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Sardonyx
9,871	Carnuntum 2005	1286	Private Collection	Ring	1st - 4th century AD	1	399	Austria	Carnuntum	Silver	Sardonyx
9,872	Fitzwilliam 1994	192	Fitzwilliam Museum	Engraved Gem	100 - 75 BC	-100	-75				Jasper (black)
9,873	Fitzwilliam 1994	193	Fitzwilliam Museum	Engraved Gem	AD 75 - 100	75	100				Carnelian
9,874	Carnuntum 2005	303	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Sardonyx
9,875	Carnuntum 2005	579	Private Collection	Engraved Gem	2nd century AD	101	200	Austria	Carnuntum		Sardonyx
9,876	Carnuntum 2005	63	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
9,877	Carnuntum 2005	355	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
9,878	Carnuntum 2005	437	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
9,879	Carnuntum 2005	460	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Iron	Sardonyx
9,880	Carnuntum 2005	530	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
9,881	Carnuntum 2005	594	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
9,882	Carnuntum 2005	937	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
9,883	Carnuntum 2005	971	Private Collection	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
9,884	Carnuntum 2005	1161	Private Collection	Ring	2nd - 3rd century AD	101	300	Austria	Carnuntum	Bronze	Sardonyx
9,885	Carnuntum 2005	321	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Sardonyx
9,886	Carnuntum 2005	452	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Sardonyx
9,887	Carnuntum 2005	842	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Sardonyx
9,888	Carnuntum 2005	1033	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Sardonyx
9,889	Carnuntum 2005	1184	Private Collection	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Sardonyx
9,890	Getty Online	85.AN.444.33	J. Paul Getty Museum	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Sardonyx
9,891	AG Munich	508	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-300	-1				Sardonyx
9,892	Ashmolean Online	AN1892.1277	Ashmolean Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
9,893	AG Munich	763	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,894	AG Munich	765	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1	Italy	Bari		Sardonyx
9,895	AG Munich	767	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,896	AG Munich	776	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,897	AG Munich	777	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1	Italy	Bari		Sardonyx
9,898	AG Munich	780	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,899	AG Munich	790	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1	Italy	Cerveteri		Sardonyx
9,900	AG Munich	791	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,901	AG Munich	793	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,902	AG Munich	795	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,903	AG Munich	804	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,904	AG Munich	806	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1	Italy	Bari		Sardonyx
9,905	AG Munich	809	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,906	AG Munich	810	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,907	AG Munich	811	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,908	AG Munich	812	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,909	AG Munich	814	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,910	AG Munich	815	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,911	AG Munich	818	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,912	Berlin 2007	93	Staatliche Museen zu Berlin	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,913	Platz-Horster 2012	31	Staatliche Museen zu Berlin	Engraved Gem	3rd - 1st century BC	-300	-1	Egypt	Lower Egypt		Sardonyx
9,914	Berlin 2007	495	Staatliche Museen zu Berlin	Engraved Gem	first half of the 1st century BC	-100	-50				Sardonyx
9,915	AGD Berlin	293	Staatliche Museen zu Berlin	Engraved Gem	3rd - 1st century BC	-300	-1				Sardonyx
9,916	Berlin 2007	313	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Sardonyx

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
9,917	Berlin 2007	119	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Sardonyx
9,918	MFA online	34.1437	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
9,919	Hague 1978	315	Royal Coin Cabinet, The Hague	Engraved Gem	50 - 1 BC	-50	-1				Sapphire
9,920	Chabouillet 1858	Camée.127 Number of deposit: Chabouillet.2	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	3rd century BC - 3rd century AD	-300	300				Sardonyx
9,921	Avisseau-Broustet and Vollenweider 2003	98 (inv. Camée. 221)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	between the 3rd century BC - 1 BC	-300	-1				Sardonyx
9,922	Hague 1978	208	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Carnelian
9,923	Hague 1978	185	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Agate
9,924	AG Munich	778	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1	Egypt	Alexandria		Sardonyx
9,925	Chabouillet 1858	Camée.14 Number of deposit: Chabouillet.11 ; reg.D.1102	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,926	AG Munich	823	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,927	AG Munich	824	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,928	AG Munich	825	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,929	AG Munich	828	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,930	AG Munich	829	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,931	AG Munich	832	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,932	AG Munich	839	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,933	AG Munich	840	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,934	AG Munich	841	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,935	AG Munich	842	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 1st century BC	-200	-1	Italy	Neapal		Sardonyx
9,936	AGD Berlin	353	Staatliche Museen zu Berlin	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,937	AGD Berlin	349	Staatliche Museen zu Berlin	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,938	AGD Hannover	141	Museum August Kestner-Hannover	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,939	AGD Hannover	430	Museum August Kestner-Hannover	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
9,940	Met Online	48.12.3	Metropolitan Museum of Art, New York	Engraved Gem	1st century AD	1	100				Sardonyx
9,941	Met Online	42.11.30	Metropolitan Museum of Art, New York	Engraved Gem	AD 41 - 54	41	54				Sardonyx
9,942	Ashmolean Online	AN1892.1561	Ashmolean Museum	Engraved Gem	1st century BC	-100	-1				Sardonyx
9,943	Getty Online	82.AN.162.19	J. Paul Getty Museum	Engraved Gem	2nd - 1st century BC	-200	-1	Italy			Sardonyx
9,944	Marshman 2016	28.00	British Museum	Ring	late 2nd century BC - early 1st century AD	-125	25	Britain	Alton, Hoard B	Gold	Sardonyx
9,945	AGD Berlin	489	Staatliche Museen zu Berlin	Engraved Gem	110 - 90 BC	-110	-90				Sardonyx
9,946	AGD Hannover	547	Museum August Kestner-Hannover	Engraved Gem	late 1st century BC	-10	-1				Carnelian
9,947	Hermitage Online	24082	Hermitage Museum	Ring	1st century BC	-100	-1	Eastern Mediterranean		Gold	Garnet
9,948	Thorvaldsens online	i596	Thorvaldsens Museum, Copenhagen	Engraved Gem	100 - 30 BC	-100	-30				Sardonyx
9,949	AGD Berlin	405	Staatliche Museen zu Berlin	Engraved Gem	first half of the 1st century BC	-100	-50				Sardonyx
9,950	Hague 1978	187	Royal Coin Cabinet, The Hague	Ring	1st century BC	-100	-1			Silver	Agate
9,951	Marshman 2016	68.00	Corinium Museum, Cirencester	Engraved Gem	1st century BC	-100	-1	Britain	The Ditches'		Sardonyx
9,952	Getty Online	85.AN.370.47	J. Paul Getty Museum	Engraved Gem	mid 1st century BC	-75	-25				Sardonyx
9,953	Getty Online	85.AN.370.81	J. Paul Getty Museum	Ring	2nd century AD	101	200			Gold	Jasper (Red)
9,954	Getty Online	83.AN.256.4	J. Paul Getty Museum	Engraved Gem	1st century BC	-100	-1	Syria			Sardonyx
9,955	Hermitage Online	20440	Hermitage Museum	Ring	2nd century AD	101	200	Egypt	Alexandria (?)	Gold	Garnet
9,956	Hermitage Online	1910-30	Hermitage Museum	Earrings	1st century AD	1	100	Italy	Rome	Gold	Garnet
9,957	Hermitage Online	25066	Hermitage Museum	Engraved Gem	1st century BC	-100	-1	Egypt			Garnet
9,958	Hermitage Online	1919-33	Hermitage Museum	Ring	1st century AD	1	100	Egypt	Alexandria	Gold	Garnet

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9,959	Hermitage Online	26626	Hermitage Museum	Engraved Gem
9,960	Hermitage Online	20820	Hermitage Museum	Engraved Gem
9,961	Hermitage Online	26647	Hermitage Museum	Engraved Gem
9,962	Hermitage Online	21440	Hermitage Museum	Engraved Gem
9,963	Hermitage Online	21997	Hermitage Museum	Engraved Gem
9,964	Hermitage Online	12553	Hermitage Museum	Engraved Gem
9,965	Hermitage Online	12538	Hermitage Museum	Engraved Gem
9,966	Hermitage Online	12545	Hermitage Museum	Engraved Gem
9,967	Hermitage Online	2417	Hermitage Museum	Engraved Gem
9,968	Hermitage Online	12542	Hermitage Museum	Engraved Gem
9,969	Hermitage Online	12395	Hermitage Museum	Engraved Gem
9,970	Hermitage Online	6572	Hermitage Museum	Earring
9,971	Hermitage Online	21439	State Hermitage Museum	Engraved Gem
9,972	Hermitage Online	21596	Hermitage Museum	Engraved Gem
9,973	Hermitage Online	12573	Hermitage Museum	Ring
9,974	Hermitage Online	12522	Hermitage Museum	Engraved Gem
9,975	Hermitage Online	12523	State Hermitage Museum	Engraved Gem
9,976	AGD Berlin	421	Staatliche Museen zu Berlin	Engraved Gem
9,977	AGD Berlin	398	Staatliche Museen zu Berlin	Engraved Gem
9,978	Fitzwilliam 1994	377	Fitzwilliam Museum	Engraved Gem
9,979	AGD Hannover	206	Museum August Kestner-Hannover	Engraved Gem
9,980	AGD Hannover	296	Museum August Kestner-Hannover	Engraved Gem
9,981	AGD Hannover	300	Museum August Kestner-Hannover	Engraved Gem
9,982	AGD Hannover	301	Museum August Kestner-Hannover	Engraved Gem
9,983	AGD Hannover	237	Museum August Kestner-Hannover	Engraved Gem
9,984	AGD Hannover	306	Museum August Kestner-Hannover	Engraved Gem
9,985	AGD Hannover	307	Museum August Kestner-Hannover	Engraved Gem
9,986	AGD Hannover	310E	Museum August Kestner-Hannover	Engraved Gem
9,987	AGD Hannover	311	Museum August Kestner-Hannover	Engraved Gem
9,988	AGD Hannover	312	Museum August Kestner-Hannover	Engraved Gem
9,989	AGD Hannover	324	Museum August Kestner-Hannover	Engraved Gem
9,990	AGD Hannover	325	Museum August Kestner-Hannover	Engraved Gem
9,991	AGD Hannover	331	Museum August Kestner-Hannover	Engraved Gem
9,992	AGD Hannover	332	Museum August Kestner-Hannover	Engraved Gem
9,993	AGD Hannover	333	Museum August Kestner-Hannover	Engraved Gem
9,994	AGD Hannover	334	Museum August Kestner-Hannover	Engraved Gem
9,995	AGD Hannover	450	Museum August Kestner-Hannover	Engraved Gem
9,996	AGD Hannover	452	Museum August Kestner-Hannover	Engraved Gem
9,997	AGD Hannover	278	Museum August Kestner-Hannover	Engraved Gem
9,998	AGD Hannover	279	Museum August Kestner-Hannover	Engraved Gem
9,999	AGD Hannover	281	Museum August Kestner-Hannover	Engraved Gem
10,000	AGD Hannover	282	Museum August Kestner-Hannover	Engraved Gem
10,001	AGD Hannover	283	Museum August Kestner-Hannover	Engraved Gem
10,002	AGD Hannover	283E	Museum August Kestner-Hannover	Engraved Gem
10,003	AGD Hannover	275	Museum August Kestner-Hannover	Engraved Gem
10,004	MFA online	99.107	Museum of Fine Arts, Boston	Engraved Gem
10,005	MFA online	62.11654	Museum of Fine Arts, Boston	Engraved Gem
10,006	MFA online	98.756	Museum of Fine Arts, Boston	Engraved Gem

Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
3rd century AD	201	300	Italy	Rome		Chrysoprase
1st century BC - 1st century AD	-100	100	Italy	Rome		Chrysoprase
1st century AD	1	100	Italy	Rome		Chrysoprase
1st century BC - 1st century AD	-100	100	Italy	Rome		Chrysoprase
2nd - 3rd century AD	101	300	Greece			Chrysoprase
1st century BC - 1st century AD	-100	100	Italy	Rome		Agate
1st century AD	1	100	Italy	Rome		Agate
1st century AD	1	100	Italy	Rome		Agate
1st - 2nd century AD	1	200	Italy	Rome		Agate
1st century AD	1	100	Italy	Rome		Agate
1st century AD	1	100	Italy	Rome		Agate
1st century BC	-100	-1	Egypt	Alexandria	Gold	Agate
1st century BC - 1st century AD	-100	100	Egypt	Alexandria		Carnelian
1st century AD	1	100	Egypt	Alexandria		Onyx (Nicolo)
2nd - 3rd century AD	101	300	Egypt	Alexandria	Gold	Onyx
1st century AD	1	100	Egypt			Onyx
1st century BC	-100	-1	Egypt			Carnelian
1st century AD	1	100				Sardonyx
first half of the 1st century BC	-100	-50				Sardonyx
1st century AD	1	100				Chrysoprase
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
50 - 1 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
50 - 1 BC	-50	-1				Carnelian
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Carnelian
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Sardonyx
1st century BC	-100	-1				Sardonyx
50 BC - AD 1	-50	-1				Carnelian
100 - 50 BC	-100	-50				Carnelian
100 - 50 BC	-100	-50				Carnelian
100 - 50 BC	-100	-50				Carnelian
1st century BC	-100	-1				Carnelian
50 BC - AD 1	-50	-1				Sardonyx
1st century BC - 1st century AD	-100	100				Sardonyx
100 BC	-100	-100				Sardonyx
1st century BC - early 1st century AD	-100	10				Sardonyx

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
10,007	MFA online	98.759	Museum of Fine Arts, Boston	Engraved Gem	late 1st century BC - mid 1st century AD	-10	50				Sardonyx
10,008	AG Munich	616	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,009	AG Munich	626	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,010	AG Munich	882	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,011	AG Munich	883	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,012	AG Munich	889	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,013	AG Munich	897	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,014	AG Munich	898	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,015	AG Munich	910	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,016	AG Munich	911	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,017	AG Munich	916	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,018	AG Munich	918	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,019	AG Munich	919	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,020	AG Munich	922	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,021	AG Munich	925	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,022	AG Munich	926	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,023	AG Munich	927	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,024	AG Munich	930	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,025	AG Munich	934	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,026	AG Munich	940	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,027	AG Munich	942	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,028	AG Munich	948	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,029	AG Munich	951	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,030	AG Munich	954	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,031	AG Munich	955	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,032	AG Munich	956	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,033	AG Munich	959	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,034	AG Munich	964	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,035	AG Munich	965	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,036	AG Munich	968	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,037	AG Munich	970	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,038	AG Munich	976	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,039	AG Munich	977	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,040	AG Munich	978	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,041	AG Munich	980	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,042	AG Munich	983	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,043	AG Munich	984	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,044	AG Munich	989	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,045	AG Munich	1009	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,046	AG Munich	1015	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,047	AG Munich	2172	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1	Italy	Corneto		Sardonyx
10,048	AG Munich	2173	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,049	AG Munich	2181	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,050	AG Munich	2189	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,051	AG Munich	2197	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,052	AG Munich	2198	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,053	AG Munich	2200	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,054	AG Munich	2210	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
10,055	AG Munich	2218	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1	Italy	Cerveteri		Sardonyx
10,056	AG Munich	2228	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,057	AG Munich	2236	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,058	AG Munich	2238	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,059	AG Munich	2243	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,060	AG Munich	2245	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,061	AG Munich	2249	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,062	AG Munich	2260	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,063	AGD Berlin	434	Staatliche Museen zu Berlin	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,064	AGD Berlin	487	Staatliche Museen zu Berlin	Engraved Gem	25 - 15 BC	-25	-15				Sardonyx
10,065	Berlin 2007	298	Staatliche Museen zu Berlin	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
10,066	Berlin 2007	332	Staatliche Museen zu Berlin	Engraved Gem	first half of the 1st century BC	-100	-50				Sardonyx
10,067	Hermitage Online	24055	State Hermitage Museum	Engraved Gem	1st century BC	-100	-1	Egypt			Carnelian
10,068	Berlin 2007	447	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Sardonyx
10,069	Berlin 2007	466	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Sardonyx
10,070	Berlin 2007	599	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Sardonyx
10,071	Ashmolean Online	AN1941.356	Ashmolean Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,072	Hermitage Online	26086	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,073	Hermitage Online	10112	State Hermitage Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Carnelian
10,074	Hermitage Online	24590	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Carnelian
10,075	Hermitage Online	22493	State Hermitage Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Carnelian
10,076	Hermitage Online	12473	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,077	Hermitage Online	26731	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,078	Hermitage Online	21430	State Hermitage Museum	Ring	1st century BC - 1st century AD	-100	100	Italy	Rome	Gold	Carnelian
10,079	Hermitage Online	25203	State Hermitage Museum	Engraved Gem	1st - 2nd century AD	1	200	Italy	Rome		Carnelian
10,080	Hermitage Online	24753	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy			Carnelian
10,081	Berlin 2007	347	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Sardonyx
10,082	Berlin 2007	415	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Sardonyx
10,083	Guiraud 1988/2008	790	Musée Archéologique, Dijon	Engraved Gem	1st century BC - 1st century AD	-100	100	France	Mont Beuvray		Sardonyx
10,084	Guiraud 1988/2008	676	Musée du Berry	Engraved Gem	1st century BC - 1st century AD	-100	100	France	Bourges		Sardonyx
10,085	AGD Hannover	290	Museum August Kestner-Hannover	Engraved Gem	1st century BC - 1st century AD	-100	100				Carnelian
10,086	AG Munich	2286	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,087	AG Munich	2292	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,088	AG Munich	2346	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,089	AG Munich	2352	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,090	AG Munich	2358	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,091	AG Munich	2360	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,092	AG Munich	2389	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,093	AG Munich	2401	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,094	AG Munich	2440	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,095	BM online	1867,0507.273	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,096	BM online	1867,0507.238	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,097	Met Online	81.6.75	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Amethyst
10,098	Met Online	81.6.92	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Chrysoprase
10,099	Met Online	41.160.709	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Sardonyx
10,100	Met Online	41.160.430	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Sardonyx

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
10,101	Met Online	74.51.4236	Metropolitan Museum of Art, New York	Engraved Gem	1st century AD	1	100				Sardonyx
10,102	Met Online	81.6.187	Metropolitan Museum of Art, New York	Engraved Gem	1st - 2nd century AD	1	200				Amethyst
10,103	Met Online	29.175.2	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,104	Met Online	06.1204	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,105	Met Online	29.175.3	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,106	Met Online	46.112.1	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,107	Met Online	06.1205	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,108	Met Online	25.78.96	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,109	Met Online	81.6.116	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
10,110	Met Online	41.160.702	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
10,111	Met Online	41.160.712	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
10,112	Met Online	41.160.762	Metropolitan Museum of Art, New York	Engraved Gem	AD 64 - 68	64	68				Carnelian
10,113	Met Online	50.15.1	Metropolitan Museum of Art, New York	Engraved Gem	AD 69 - 79	-100	300				Jasper (red)
10,114	Met Online	10.110.01	Metropolitan Museum of Art, New York	Engraved Gem	27 BC - AD 14	-27	14				Carnelian
10,115	de Clercq 1891-1912	2912	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,116	de Clercq 1891-1912	2924	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Lebanon	Beirut		Sardonyx
10,117	de Clercq 1891-1912	2938	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,118	de Clercq 1891-1912	2942	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,119	de Clercq 1891-1912	2977	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,120	de Clercq 1891-1912	2983	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,121	de Clercq 1891-1912	2987	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,122	de Clercq 1891-1912	3001	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,123	de Clercq 1891-1912	3007	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,124	de Clercq 1891-1912	3002	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,125	de Clercq 1891-1912	3005	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,126	de Clercq 1891-1912	3014	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,127	de Clercq 1891-1912	3015	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,128	de Clercq 1891-1912	3019	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Ruad		Sardonyx
10,129	de Clercq 1891-1912	3030	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,130	de Clercq 1891-1912	3020	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,131	de Clercq 1891-1912	3041	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Latakia		Sardonyx
10,132	de Clercq 1891-1912	3050	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Iraq	Baghdad		Sardonyx
10,133	de Clercq 1891-1912	3044	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Sardonyx
10,134	de Clercq 1891-1912	3058	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,135	de Clercq 1891-1912	3063	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Lebanon	Tyre		Sardonyx
10,136	de Clercq 1891-1912	3060	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,137	de Clercq 1891-1912	3066	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,138	de Clercq 1891-1912	3070	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,139	de Clercq 1891-1912	3072	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,140	de Clercq 1891-1912	3086	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,141	de Clercq 1891-1912	3080	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,142	de Clercq 1891-1912	3094	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Iraq	Baghdad		Sardonyx
10,143	de Clercq 1891-1912	3113	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,144	de Clercq 1891-1912	3102	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Sardonyx
10,145	de Clercq 1891-1912	3122	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,146	de Clercq 1891-1912	3140	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Lebanon	Tyre		Sardonyx
10,147	de Clercq 1891-1912	3129	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,148	de Clercq 1891-1912	3131	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Latakia		Sardonyx
10,149	de Clercq 1891-1912	3148	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,150	de Clercq 1891-1912	3152	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx

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10,151	de Clercq 1891-1912	3166	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus	Gold	Sardonyx
10,152	de Clercq 1891-1912	3191	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,153	de Clercq 1891-1912	3177	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,154	de Clercq 1891-1912	3178	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,155	de Clercq 1891-1912	3180	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400				Sardonyx
10,156	de Clercq 1891-1912	3232	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,157	de Clercq 1891-1912	3195	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,158	de Clercq 1891-1912	3196	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,159	de Clercq 1891-1912	3199	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,160	de Clercq 1891-1912	3211	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,161	de Clercq 1891-1912	3217	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,162	de Clercq 1891-1912	3266	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Yakhmour		Sardonyx
10,163	de Clercq 1891-1912	3242	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,164	de Clercq 1891-1912	3276	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,165	de Clercq 1891-1912	3268	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,166	de Clercq 1891-1912	3270	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,167	de Clercq 1891-1912	3271	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,168	de Clercq 1891-1912	3272	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,169	de Clercq 1891-1912	3302	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,170	de Clercq 1891-1912	3284	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,171	de Clercq 1891-1912	3305	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,172	de Clercq 1891-1912	3312	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,173	de Clercq 1891-1912	3333	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,174	de Clercq 1891-1912	3314	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,175	de Clercq 1891-1912	3321	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,176	de Clercq 1891-1912	3336	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,177	de Clercq 1891-1912	3335	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,178	de Clercq 1891-1912	3343	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Egypt	Tuna El-Gebel		Sardonyx
10,179	de Clercq 1891-1912	3339	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,180	de Clercq 1891-1912	3347	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,181	de Clercq 1891-1912	3356	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,182	de Clercq 1891-1912	3357	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,183	de Clercq 1891-1912	3358	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,184	de Clercq 1891-1912	3410	Musée du Louvre	Ring	1st century BC - 4th century AD	-100	400	Syria	Tartus		Sardonyx
10,185	de Clercq 1891-1912	3414	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,186	de Clercq 1891-1912	3419	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,187	de Clercq 1891-1912	3423	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,188	de Clercq 1891-1912	3434	Musée du Louvre	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,189	Naples 1983	9 (inv. 26974)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Sardonyx
10,190	Naples 1983	167 (inv. 125020)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Sardonyx
10,191	Naples 1983	192 (inv. 121657)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Sardonyx
10,192	Naples 1983	221 (inv. 27637)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Sardonyx
10,193	Naples 1983	276 (inv. 158821)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Sardonyx
10,194	Naples 1983	293 (inv. 158827)	Museo Archaeologico Nazionale di Napoli (MANN)	Engraved Gem	1st century BC - AD 79	-100	79	Italy	Pompeii		Sardonyx
10,195	Hague 1978	211	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1	Egypt	Alexandria		Aquamarine

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10,196	Berlin 2007	502	Staatliche Museen zu Berlin	Engraved Gem	third quarter of the 1st century BC	-50	-25				Sardonyx
10,197	AGD Hannover	959	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
10,198	AGD Hannover	960	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Onyx (Nicolo)
10,199	AGD Hannover	962	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
10,200	AGD Hannover	965	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,201	AGD Hannover	974	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,202	AGD Hannover	978	Museum August Kestner-Hannover	Engraved Gem	AD 1 - 50	1	50				Carnelian
10,203	AGD Hannover	979	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
10,204	AGD Hannover	980	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
10,205	AGD Hannover	981	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,206	AGD Hannover	984	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
10,207	AGD Hannover	988	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Jasper
10,208	AGD Hannover	989	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,209	AGD Hannover	990	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,210	Berlin 2007	709	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Sardonyx
10,211	Xanten 1987/1994	50	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century BC	-100	-50	Germany	Fürstenberg And Its Environs		Sardonyx
10,212	Xanten 1987/1994	153	LVR-Archäologischer Park Xanten	Engraved Gem	early - mid 1st century BC	-100	-50	Germany	Andere Fundorte / Ohne Fundort		Sardonyx
10,213	AGD Berlin	390	Staatliche Museen zu Berlin	Engraved Gem	early 1st century BC	-100	-90				Sardonyx
10,214	AGD Hannover	994	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,215	MFA online	12.108	Museum of Fine Arts, Boston	Brooch	1st century BC - 4th century AD	-100	400				Sardonyx
10,216	Hendler 2016	211	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Sardonyx
10,217	Hendler 2016	212	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Sardonyx
10,218	Hendler 2016	213	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Sardonyx
10,219	Hendler 2016	214	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Sardonyx
10,220	Hendler 2016	215	Hendler Collection	Blank Gem	1st century BC - 3rd century AD	-100	300	Israel	Caesarea		Sardonyx
10,221	Ashmolean Online	AN1892.1270	Ashmolean Museum	Engraved Gem	1st century AD	1	100				Sardonyx
10,222	Ashmolean Online	AN1888.486	Ashmolean Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,223	Marshman 2016	66.14	Wroxeter Site Museum	Engraved Gem	80 - 51 BC	-80	-51	Britain	Wroxeter, Macellum		Sardonyx
10,224	Getty Online	2001.28.2	J. Paul Getty Museum	Ring	1st century AD	1	100			Gold	Carnelian
10,225	Berlin 2007	452	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-75	-50				Sardonyx
10,226	AGD Berlin	416	Staatliche Museen zu Berlin	Engraved Gem	50 - 40 BC	-50	-40				Sardonyx
10,227	AGD Hannover	203	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 10	-50	-1				Sardonyx
10,228	AGD Hannover	244E	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 1	-50	-1				Carnelian
10,229	AGD Berlin	412	Staatliche Museen zu Berlin	Engraved Gem	60 - 50 BC	-60	-50				Sardonyx
10,230	AGD Hannover	184	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 1	-50	-1				Sardonyx
10,231	AGD Berlin	406	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-60	-40				Sardonyx
10,232	AGD Hannover	1351	Museum August Kestner-Hannover	Engraved Gem	AD 50 -100	1	100				Amethyst
10,233	AGD Berlin	378	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-60	-40				Sardonyx
10,234	AGD Hannover	1082	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
10,235	AGD Hannover	1083	Museum August Kestner-Hannover	Engraved Gem	1st -2nd century AD	1	200				Carnelian
10,236	AGD Hannover	1086	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Chrysoprase
10,237	AGD Hannover	1087	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,238	AGD Hannover	1088	Museum August Kestner-Hannover	Engraved Gem	2nd century AD	101	200				Jasper
10,239	AGD Hannover	1089	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Carnelian
10,240	AGD Hannover	1111	Museum August Kestner-Hannover	Engraved Gem	50 BC - AD 50	-50	50				Chrysoprase

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10,241	AGD Hannover	508	Museum August Kestner-Hannover	Engraved Gem	late 1st century BC	-10	-1				Carnelian
10,242	Xanten 1987/1994	102	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 1st century BC	-50	-1	Germany	Fürstenberg And Its Environs		Sardonyx
10,243	Guiraud 1988/2008	675	Musée Archéologique, Nîmes	Engraved Gem	mid - late 1st century BC	-50	-1	France	Nîmes		Sardonyx
10,244	AGD Hannover	1393	Museum August Kestner-Hannover	Engraved Gem	2nd century AD	101	200				Garnet
10,245	AGD Hannover	1454	Museum August Kestner-Hannover	Engraved Gem	3rd century AD	201	300				Amethyst
10,246	AGD Hannover	1503	Museum August Kestner-Hannover	Engraved Gem	2nd - 3rd century AD	101	300				Lapis Lazuli
10,247	AG Vienna	1733	Kunsthistorisches Museum Wien	Engraved Gem	AD 225 - 250	225	250				Sardonyx
10,248	AGD Berlin	411	Staatliche Museen zu Berlin	Engraved Gem	mid 1st century BC	-50	-25				Sardonyx
10,249	AG Vienna	1739	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Sardonyx
10,250	Xanten 1987/1994	107	LVR-Archäologischer Park Xanten	Engraved Gem	mid 1st century BC	-50	-25	Germany	Fürstenberg And Its Environs		Sardonyx
10,251	AGD Berlin	394	Staatliche Museen zu Berlin	Engraved Gem	50 - 40 BC	-50	-40				Sardonyx
10,252	Guiraud 1988/2008	431	Private Collection	Ring	mid 1st century BC - mid 1st century AD	-50	50	France	Izernore	Gold	Sardonyx
10,253	Guiraud 1988/2008	559	Private Collection	Engraved Gem	43 BC - AD 50	-43	50	France	Narbonne		Sardonyx
10,254	AGD Berlin	368	Staatliche Museen zu Berlin	Engraved Gem	40 - 30 BC	-40	-30				Carnelian
10,255	AGD Hannover	919	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Onyx (Nicolo)
10,256	Xanten 1987/1994	71a	LVR-Archäologischer Park Xanten	Engraved Gem	40 BC	-40	-40	Germany	Fürstenberg And Its Environs		Sardonyx
10,257	AGD Berlin	388	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-33	-1				Sardonyx
10,258	Thorvaldsens online	i1272	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,259	Thorvaldsens online	i721	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,260	Thorvaldsens online	i1205	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,261	Thorvaldsens online	i1121	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,262	Thorvaldsens online	i445	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,263	Thorvaldsens online	i182	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,264	Thorvaldsens online	i183	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,265	Thorvaldsens online	i429	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,266	Thorvaldsens online	i1309	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,267	Thorvaldsens online	i333	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,268	Thorvaldsens online	i1198	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,269	Thorvaldsens online	i1395	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,270	Thorvaldsens online	i1069	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,271	Thorvaldsens online	i1462	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,272	Thorvaldsens online	i936	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx

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10,273	Thorvaldsens online	i550	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,274	Thorvaldsens online	i523	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Sardonyx
10,275	Thorvaldsens online	i1354	Thorvaldsens Museum, Copenhagen	Ring	late 1st century BC - 2nd century AD	-30	200			Iron	Sardonyx
10,276	V&A online	1818-1869	Victoria & Albert Museum	Engraved Gem	30 BC - AD 50	-30	50				Sardonyx
10,277	Thorvaldsens online	i1040	Thorvaldsens Museum, Copenhagen	Engraved Gem	30 BC - AD 68	-30	68				Sardonyx
10,278	MFA online	27.756	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Sardonyx
10,279	MFA online	98.760	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Sardonyx
10,280	MFA online	63.1554	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Sardonyx
10,281	Hermitage Online	26764	State Hermitage Museum	Engraved Gem	1st - 2nd century AD	1	200	Italy	Rome		Carnelian
10,282	Hermitage Online	23797	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,283	AGD Berlin	135	Staatliche Museen zu Berlin	Engraved Gem	50 - 25 BC	-50	-25				Sardonyx
10,284	Hague 1978	190	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Agate
10,285	AG Vienna	1758	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Sardonyx
10,286	AGD Berlin	464	Staatliche Museen zu Berlin	Engraved Gem	last third of the 1st century BC	-33	-1				Sardonyx
10,287	Getty Online	85.AN.124	J. Paul Getty Museum	Ring	1st century BC	-100	-1			Gold	Carnelian
10,288	Getty Online	2019.13.13	J. Paul Getty Museum	Engraved Gem	44 - 30 BC	-44	-30				Carnelian
10,289	Met Online	81.6.49	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
10,290	MFA online	27.752	Museum of Fine Arts, Boston	Engraved Gem	early 1st century AD	1	10				Sardonyx
10,291	Bologna 1987	43 (inv. Ori 146)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century BC - early 1st century AD	-25	25				Sardonyx
10,292	Bologna 1987	47 (inv. Gl. 314)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century BC - early 1st century AD	-25	25				Sardonyx
10,293	Bologna 1987	75 (inv. Gl. 155)	Museo Civico Archeologico di Bologna	Engraved Gem	late 1st century BC - early 1st century AD	-25	25				Sardonyx
10,294	MFA online	98.752	Museum of Fine Arts, Boston	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,295	MFA online	98.755	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Sardonyx
10,296	Berlin 2007	491	Staatliche Museen zu Berlin	Engraved Gem	10 - 14 AD	10	14				Sardonyx
10,297	BM online	1917,0501.297	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,298	BM online	1955,1020.1	British Museum	Engraved Gem	4th century BC - 1st century AD	-400	100				Sardonyx
10,299	BM online	1913,0219.29	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Sardonyx
10,300	BM online	1872,0604.1337	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Sardonyx
10,301	BM online	1877,0825.1	British Museum	Engraved Gem	323 - 31 BC	-323	-31				Sardonyx
10,302	BM online	1867,0507.551	British Museum	Engraved Gem	2nd - 1st century BC	-200	-1	Egypt	Alexandria		Sardonyx
10,303	BM online	1867,0507.83	British Museum	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
10,304	BM online	1917,0501.742	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Sardonyx
10,305	BM online	1917,0501.753	British Museum	Ring	2nd century BC - 2nd century AD	-200	200			Gold	Sardonyx
10,306	BM online	1926,0407.56	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Bronze	Sardonyx
10,307	BM online	1872,0604.124	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Bronze	Sardonyx
10,308	BM online	1867,0507.564	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,309	BM online	1814,0704.1634	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,310	BM online	1917,0501.446	British Museum	Engraved Gem	1st - 2nd century AD	1	200		Crete	Gold	Sardonyx
10,311	BM online	1867,0507.496	British Museum	Engraved Gem	2 BC - AD 4	-2	4	Italy			Sardonyx
10,312	BM online	1923,0401.322	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,313	BM online	1923,0401.286	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,314	BM online	1901,0226.2	British Museum	Pendant	1st - 4th century AD	1	400			Gold	Sardonyx
10,315	BM online	1923,0401.294	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,316	BM online	1938,0317.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx

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10,317	BM online	1814,0704.1438	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,318	BM online	1923,0401.258	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,319	BM online	1867,0507.538	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,320	BM online	1923,0401.960	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,321	BM online	1867,0507.62	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,322	BM online	1898,0715.8	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,323	BM online	1867,0507.627.+	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,324	BM online	1892,1103.130	British Museum	Engraved Gem	1st - 2nd century AD	1	200	India			Sardonyx
10,325	BM online	1904,0204.546	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,326	BM online	1814,0704.1499	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,327	BM online	1872,0604.177	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Silver	Sardonyx
10,328	BM online	1917,0501.424	British Museum	Engraved Gem	1st century BC - 2nd century AD	-100	200			Gold	Sardonyx
10,329	BM online	1923,0401.204	British Museum	Engraved Gem	1st century BC - 2nd century AD	-100	200				Sardonyx
10,330	BM online	1872,0604.1297	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,331	BM online	1872,0604.617	British Museum	Earring	2nd century AD	101	200			Gold	Sardonyx
10,332	BM online	1923,0401.291	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,333	BM online	1923,0401.966	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,334	BM online	1923,0401.209	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,335	BM online	1923,0401.957	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,336	BM online	1814,0704.1367	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,337	BM online	1814,0704.1501	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,338	BM online	1814,0704.1149	British Museum	Earring	2nd century AD	101	200			Gold	Sardonyx
10,339	BM online	1867,0507.534	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,340	BM online	1890,0601.29	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,341	BM online	1923,0401.161	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,342	BM online	1917,0501.467	British Museum	Ring	1st - 2nd century AD	1	200	Greece	Patras	Gold	Sardonyx
10,343	BM online	1956,0517.1	British Museum	Engraved Gem	AD 193 - 217	193	217				Sardonyx
10,344	BM online	1865,0712.77	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,345	BM online	1917,0501.802	British Museum	Engraved Gem	3rd century AD	201	300	Italy	Treviso	Gold	Sardonyx
10,346	BM online	1923,0401.951	British Museum	Ring	1st - 2nd century AD	1	200			Gold	Sardonyx
10,347	BM online	1917,0501.428	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Sardonyx
10,348	BM online	1917,0501.420	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Sardonyx
10,349	BM online	1917,0501.426	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Gold	Sardonyx
10,350	BM online	1917,0501.1159	British Museum	Ring	1st century BC - 2nd century AD	-100	200			Silver	Sardonyx
10,351	BM online	1814,0704.1495	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	-100				Sardonyx
10,352	BM online	1923,0401.972	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,353	BM online	1923,0401.959	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,354	BM online	1923,0401.162	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,355	BM online	1923,0401.218	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,356	BM online	1923,0401.948	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,357	BM online	1867,0507.509	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,358	BM online	1923,0401.946	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,359	BM online	1894,1128.2	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,360	BM online	1867,0507.683	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,361	BM online	1923,0401.963	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,362	BM online	1872,0604.1289	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,363	BM online	1859,0301.105	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,364	BM online	1894,1128.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Bulgaria	Odessus		Sardonyx
10,365	BM online	1859,0301.106	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,366	BM online	1872,0604.336	British Museum	Engraved Gem	1st - 2nd century AD	1	200	Syria			Sardonyx

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
10,367	BM online	1872,0604.163	British Museum	Ring	1st - 2nd century AD	1	200			Silver	Sardonyx
10,368	BM online	1872,0604.162	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,369	BM online	1867,0507.284	British Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,370	BM online	1917,0501.434	British Museum	Ring	1st century BC - 1st century AD	-100	100			Gold	Sardonyx
10,371	BM online	1824,0301.3	British Museum	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,372	BM online	1923,0401.229	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,373	BM online	1923,0401.955	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,374	BM online	1980,0101.10	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,375	BM online	1814,0704.1444	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,376	BM online	1923,0401.950	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,377	BM online	1923,0401.949	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,378	BM online	1867,0507.687	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,379	Guiraud 1988/2008	934	Dépôt de fouilles de Mâlain	Engraved Gem	1st - 2nd century AD	1	200	France	Mâlain		Sardonyx
10,380	Hermitage Online	12505	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,381	Hermitage Online	21538	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,382	AG Vienna	1770	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Egypt			Sardonyx
10,383	Fitzwilliam 1994	194	Fitzwilliam Museum	Engraved Gem	1st century BC	-100	-1				Chalcedony
10,384	AG Munich	2537	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,385	AG Munich	2653	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,386	AG Munich	2683	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,387	AG Munich	2746	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,388	V&A online	582-1871	Victoria & Albert Museum	Ring	AD 350 - 450	350	450			Silver	Sardonyx
10,389	BM online	1799,0521.19	British Museum	Engraved Gem	1st - 3rd century AD	1	200				Sardonyx
10,390	Guiraud 1988/2008	383	British Museum	Ring	1st - 3rd century AD	1	300	France	N/A	Gold	Sardonyx
10,391	Guiraud 1988/2008	678	British Museum	Ring	1st - 3rd century AD	1	300	France	Unknown	Gold	Sardonyx
10,392	Guiraud 1988/2008	778	British Museum	Ring	1st - 3rd century AD	1	300	France	Unknown	Gold	Sardonyx
10,393	BM online	1756,0102.71	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,394	BM online	1872,0604.1317	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,395	BM online	1867,0507.284.+	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,396	BM online	1867,0507.321	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,397	BM online	1814,0704.1415	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,398	BM online	1894,1106.2	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,399	BM online	1814,0704.1492	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,400	BM online	1814,0704.1470	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,401	BM online	1918,0209.6	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,402	BM online	1872,0604.1322	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,403	BM online	1865,0712.182	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,404	BM online	1867,0507.478	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,405	BM online	1756,0103.172	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,406	BM online	1892,1202.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,407	BM online	1867,0507.594	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,408	BM online	1867,0507.256	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,409	BM online	1867,0507.87	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,410	BM online	1890,0601.34	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,411	BM online	1888,1012.8	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,412	BM online	1865,0712.1856	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,413	BM online	1865,0712.186	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,414	BM online	1867,0507.546	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,415	BM online	1894,1106.1	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,416	BM online	1867,0507.77	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx

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10,417	BM online	1892,1103.128	British Museum	Engraved Gem	1st - 3rd century AD	1	300	India			Sardonyx
10,418	BM online	1866,0504.119	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Greece	Corfu		Sardonyx
10,419	BM online	1917,0601.2745	British Museum	Necklace	3rd century AD	201	300			Gold	Sardonyx
10,420	BM online	1824,0301.49	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,421	BM online	1872,0604.1309	British Museum	Engraved Gem	AD 30 - 40	30	40				Sardonyx
10,422	BM online	1899,0723.3	British Museum	Engraved Gem	AD 41 - 49	41	49				Sardonyx
10,423	BM online	1867,0507.162.+	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,424	BM online	1888,1015.10	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,425	BM online	1872,0604.1362	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,426	BM online	1867,0507.303	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,427	BM online	1872,0604.1294	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,428	BM online	1872,0604.1258	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,429	BM online	1867,0507.449	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,430	BM online	1875,0712.78	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,431	BM online	1814,0704.1493	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,432	BM online	1872,0604.1321	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,433	BM online	1867,0507.794	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,434	BM online	1869,0620.9	British Museum	Engraved Gem	1st - 3rd century AD	1	300	Turkey	Instanbul		Sardonyx
10,435	BM online	1867,0507.104	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,436	BM online	1867,0507.297	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,437	BM online	1756,0604.1288	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,438	BM online	1872,0604.1327	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,439	BM online	1872,0604.1318	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,440	BM online	1824,0301.53	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,441	BM online	1867,0507.134	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,442	BM online	1824,0301.6.+	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,443	BM online	1867,0507.500	British Museum	Engraved Gem	AD 14 - 50	14	50				Sardonyx
10,444	BM online	1899,0722.1	British Museum	Engraved Gem	AD 37 - 50	37	50				Sardonyx
10,445	BM online	1899,0722.2	British Museum	Engraved Gem	AD 37 - 41	37	41				Sardonyx
10,446	BM online	1889,0810.15	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,447	BM online	1890,0601.19	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,448	BM online	1872,0604.1285	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,449	BM online	1879,0115.15	British Museum	Earring	1st - 3rd century AD	1	300	Spain	Tortosa	Gold	Sardonyx
10,450	BM online	1867,0507.503	British Museum	Engraved Gem	1st century AD	1	100				Sardonyx
10,451	BM online	1872,0604.1352	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,452	BM online	1904,0204.545	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,453	BM online	1865,1214.54	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,454	BM online	1867,0507.596	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,455	Guiraud 1988/2008	983	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	1st - 3rd century AD	1	300	France	Saint-Paul-Trois-Châteaux		Sardonyx
10,456	Avisseau-Broustet and Vollenweider 2003	212 (inv. Camée.23)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,457	Getty Online	82.AN.162.91	J. Paul Getty Museum	Engraved Gem	1st - 2nd century AD	1	200	Italy			Sardonyx
10,458	Hendler 2016	222	Hendler Collection	Blank Gem	1st - 3rd century AD	1	300	Israel	Caesarea		Sardonyx
10,459	Guiraud 1988/2008	784	Musée d'Archéologie Nationale, Saint-Germain-en-Laye	Engraved Gem	1st - 3rd century AD	1	300	France	Vieille-Toulouse		Sardonyx
10,460	Guiraud 1988/2008	1005	Musée Déoartemental des Vosges	Engraved Gem	1st - 3rd century AD	1	300	France	D'Epinal		Sardonyx
10,461	Guiraud 1988/2008	987	Musée du Louvre	Engraved Gem	1st - 3rd century AD	1	300	France	Grand		Sardonyx
10,462	Guiraud 1988/2008	976	Musée Rolin, Autun, Autun	Engraved Gem	1st - 3rd century AD	1	300	France	Autun		Sardonyx

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10,463	Guiraud 1988/2008	944	Musée, Alise-Sainte-Reine	Engraved Gem	1st - 3rd century AD	1	300	France	Alésia		Sardonyx
10,464	MFA online	23.592	Museum of Fine Arts, Boston	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
10,465	MFA online	21.1221	Museum of Fine Arts, Boston	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,466	Fitzwilliam 1994	263	Fitzwilliam Museum	Engraved Gem	2nd - 3rd century AD	101	300				Carnelian
10,467	Fitzwilliam 1994	264	Fitzwilliam Museum	Engraved Gem	1st century AD	1	100				Chalcedony
10,468	AG Munich	2744	Staatliche Antikensammlungen, Munich	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,469	Getty Online	83.AM.225.2	J. Paul Getty Museum	Pendant	AD 250	250	250			Gold	Chalcedony, Garnet
10,470	MFA online	27.755	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,471	Marshman 2016	122.15	Private Collection of T. R. Till	Engraved Gem	1st - 4th century AD	1	400	Britain	Caerleon, Coldbath Road		Sardonyx
10,472	Ashmolean Online	AN1892.1461	Ashmolean Museum	Engraved Gem	AD 70 - 81	70	81				Sardonyx
10,473	Ashmolean Online	AN1941.396	Ashmolean Museum	Engraved Gem	1st century AD	1	100	Greece	Epidaurus		Sardonyx
10,474	Ashmolean Online	AN1941.300	Ashmolean Museum	Engraved Gem	1st century AD	1	100	Croatia	Dalmacija		Sardonyx
10,475	BM online	1890,0601.12	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,476	Avisseau-Broustet and Vollenweider 2003	109 (inv. Camée. 226)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	1st century AD	1	100				Sardonyx
10,477	Avisseau-Broustet and Vollenweider 2003	93 (inv. Camée.11)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	1st century AD	1	100				Sardonyx
10,478	Getty Online	81.AN.39.9	J. Paul Getty Museum	Engraved Gem	late 2nd - early 1st century BC	-125	-75	Italy			Sardonyx
10,479	Getty Online	2001.28.3	J. Paul Getty Museum	Ring	1st century AD	1	100			Gold	Carnelian
10,480	Getty Online	85.AN.370.61	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Sardonyx
10,481	Getty Online	79.AN.27.6	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Sardonyx
10,482	Getty Online	81.AN.118.1	J. Paul Getty Museum	Engraved Gem	AD 20 - 40	20	40				Carnelian
10,483	Getty Online	81.AN.106.6	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Sardonyx
10,484	Getty Online	88.AN.13	J. Paul Getty Museum	Ring	1st century AD	1	100			Gold	Chalcedony
10,485	Getty Online	83.AN.437.25	J. Paul Getty Museum	Engraved Gem	1st century AD	1	100				Sardonyx
10,486	Hermitage Online	21451	Hermitage Museum	Ring	1st century AD	1	100	Italy	Rome	Gold	Amethyst
10,487	Hermitage Online	23839	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Carnelian
10,488	Hermitage Online	21875	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Carnelian
10,489	Hermitage Online	24171	Hermitage Museum	Engraved Gem	1st - 2nd century AD	1	200	Italy	Rome		Jasper (Red)
10,490	Hermitage Online	21232	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,491	Hermitage Online	12481	Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Agate
10,492	Hermitage Online	12629	Hermitage Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Sardonyx
10,493	Hermitage Online	21653	State Hermitage Museum	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Rome		Carnelian
10,494	Hermitage Online	22777	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,495	Hermitage Online	12537	Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Sardonyx
10,496	Hermitage Online	22059	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Carnelian
10,497	AG Vienna	1794	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300				Sardonyx
10,498	Xanten 1987/1994	249	LVR-Archäologischer Park Xanten	Engraved Gem	1st century AD	1	100	Germany	Andere Fundorte / Ohne Fundort		Sardonyx
10,499	Met Online	81.6.82	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
10,500	Guiraud 1988/2008	658	Musée Barrois, Bar-le-Duc	Engraved Gem	1st century AD	1	100	France	Naix-Aux-Forges		Sardonyx
10,501	Guiraud 1988/2008	385	Musée, Alise-Sainte-Reine	Engraved Gem	1st century AD	1	100	France	Alésia		Sardonyx
10,502	Pompeii 1987	53	Museo Archaeologico Nazionale di Napoli (MANN)	Ring	1st century AD	1	100	Italy	Oplontis	Gold	Sardonyx

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10,503	Vesuvius 1997	128 (inv. 13003)	Museo Archaeologico Nazionale di Napoli (MANN)	Blank Gem	1st century AD	1	100	Italy	Pompeii		Sardonyx
10,504	Bologna 1987	103 (inv. G.i 321)	Museo Civico Archeologico di Bologna	Engraved Gem	1st century AD	1	100				Sardonyx
10,505	RMO online	GS-11092	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Sardonyx
10,506	Guzzo 2003	I.103	Soprintendenza Archeologica di Pompei	Ring	1st century AD	1	100	Italy	Pompeii	Gold	Sardonyx
10,507	AG Munich	2310	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Sardonyx
10,508	AG Munich	2364	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Sardonyx
10,509	AG Munich	2379	Staatliche Antikensammlungen, Munich	Engraved Gem	1st century AD	1	100				Sardonyx
10,510	AGD Berlin	506	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Sardonyx
10,511	Thorvaldsens online	i2103	Thorvaldsens Museum, Copenhagen	Engraved Gem	1st century AD	1	100				Sardonyx
10,512	Hermitage Online	12533	Hermitage Museum	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Rome		Sardonyx
10,513	Hermitage Online	12539	Hermitage Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Sardonyx
10,514	Hermitage Online	22467	Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Chrysoprase
10,515	Hermitage Online	21766	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Carnelian
10,516	Getty Online	82.AN.162.32	J. Paul Getty Museum	Engraved Gem	early - mid 1st century AD	1	50				Sardonyx
10,517	Getty Online	2019.13.17	J. Paul Getty Museum	Engraved Gem	AD 131 - 138	131	138				Chalcedony
10,518	Berlin 2007	708	Staatliche Museen zu Berlin	Engraved Gem	1st century BC - early 1st century AD	-100	10				Sardonyx
10,519	Aquileia 1996	87 (inv. 981/376)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	early 1st century AD	1	25				Sardonyx
10,520	MFA online	27.751	Museum of Fine Arts, Boston	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,521	MFA online	21.122	Museum of Fine Arts, Boston	Engraved Gem	1st century AD	1	100				Sardonyx
10,522	Guiraud 1988/2008	995	Römisch-Germanisches Museum	Engraved Gem	early 1st century AD	1	25	France	Metz		Sardonyx
10,523	Avisseau-Broustet and Vollenweider 2003	95 (inv. Camée. 243)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	early 1st century AD	1	25				Sardonyx
10,524	Avisseau-Broustet and Vollenweider 2003	275 (inv. Camée. 264)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 37 - 41	37	41				Sardonyx
10,525	Berlin 2007	704	Staatliche Museen zu Berlin	Engraved Gem	AD 10 - 14	10	14			Gold	Sardonyx
10,526	AGD Berlin	491	Staatliche Museen zu Berlin	Engraved Gem	AD 10 - 14	10	14				Carnelian
10,527	AGD Berlin	490	Staatliche Museen zu Berlin	Engraved Gem	AD 41 - 50	41	50				Sardonyx
10,528	BM online	1939,0607.1	British Museum	Engraved Gem	AD 20	20	20				Sardonyx
10,529	Avisseau-Broustet and Vollenweider 2003	94 (inv. Camée.12)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 20	20	20				Sardonyx
10,530	Avisseau-Broustet and Vollenweider 2003	97 (inv. Camée. 242)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 20	20	20				Sardonyx
10,531	Getty Online	83.AN.256.3	J. Paul Getty Museum	Engraved Gem	1st century BC	-100	-1			Gold	Garnet
10,532	Getty Online	83.AN.437.28	J. Paul Getty Museum	Ring	3rd century AD	201	300			Silver	Jasper (Red)
10,533	Getty Online	83.AN.437.40	J. Paul Getty Museum	Ring	1st - 2nd century AD	1	200				Sardonyx
10,534	BM online	1867,0507.3	British Museum	Engraved Gem	AD 50 - 100	50	100				Sardonyx
10,535	AG Vienna	1801	Kunsthistorisches Museum Wien	Engraved Gem	AD 40 - 60	40	60				Sardonyx
10,536	Platz-Horster 2012	34	Staatliche Museen zu Berlin	Engraved Gem	AD 41 - 43	41	43	Italy	Rome		Sardonyx
10,537	Avisseau-Broustet and Vollenweider 2003	101 (inv. Camée. 269)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 41 - 45	41	45				Sardonyx
10,538	Avisseau-Broustet and Vollenweider 2003	100 (inv. Camée. 270)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 45	45	45				Sardonyx
10,539	Avisseau-Broustet and Vollenweider 2003	116 (inv. Camée.21)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem							

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10,540	Avisseau-Broustet and Vollenweider 2003	105 (inv. Camée. 276)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 45	45	45				Sardonyx
10,541	Avisseau-Broustet and Vollenweider 2003	134 (inv. Camée.122)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 48 - 53	48	53	Italy	Rome		Sardonyx
10,542	Avisseau-Broustet and Vollenweider 2003	122 (inv. Camée. 236)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 48 - 53	48	48				Sardonyx
10,543	Xanten 1987/1994	36	LVR-Archäologischer Park Xanten	Engraved Gem	mid - late 1st century AD	50	100	Germany	Fürstenberg And Its Environs		Sardonyx
10,544	Avisseau-Broustet and Vollenweider 2003	112 (inv. Camée. 280)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 50 - 55	50	55				Sardonyx
10,545	Avisseau-Broustet and Vollenweider 2003	115 (inv. Camée.23)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 50 - 55	50	50				Sardonyx
10,546	AG Vienna	1844	Kunsthistorisches Museum Wien	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,547	Hermitage Online	4938	Hermitage Museum	Ring	1st century BC	-100	-1	Italy	Rome	Gold	Sardonyx
10,548	Hermitage Online	12486	Hermitage Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Agate
10,549	Hermitage Online	12732	Hermitage Museum	Ring	3rd century AD	201	300	Italy	Rome	Gold	Onyx
10,550	Marshman 2016	120.01	Bassetlaw Museum, Retford	Ring	Mid 1st century AD	50	75	Britain	Bassetlaw District?	Gold	Sardonyx
10,551	Marshman 2016	121.07	Verulamium Museum	Engraved Gem	Mid 1st century AD	50	75	Britain	Saint Abans, Insula Xxviii		Sardonyx
10,552	AG Vienna	1866	Kunsthistorisches Museum Wien	Engraved Gem	AD 75 - 200	75	200				Sardonyx
10,553	Avisseau-Broustet and Vollenweider 2003	131 (inv. Camée.22)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 60 - 63	60	63				Sardonyx
10,554	Avisseau-Broustet and Vollenweider 2003	132 (inv. Camée.128)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 65 - 68	65	68	France	Bavay		Sardonyx
10,555	Avisseau-Broustet and Vollenweider 2003	139 (inv. Camée. 251)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 68 - 69	68	68				Sardonyx
10,556	Marshman 2016	100.04	English Heritage Store, Atcham	Engraved Gem	AD 69 - 96	69	96	Britain	Wroxeter		Sardonyx
10,557	Aquileia 1996	71 (inv. 742/331)	Musei Civici E Galleria Di Storia E Arte Antica, Udine	Engraved Gem	late 1st - 2nd century AD	75	200				Sardonyx
10,558	Hague 1978	108	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Sardonyx
10,559	Hague 1978	118	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Sardonyx
10,560	Xanten 1987/1994	244	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st - 2nd century AD	75	200	Germany	Andere Fundorte / Ohne Fundort		Sardonyx
10,561	Marshman 2016	96.00	British Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Gwastedyn Hill, Rhayader	Gold	Sardonyx
10,562	Marshman 2016	138.02	Museum of London	Ring	late 1st - early 2nd century AD	75	125	Britain	London, Westminster, Tothill Street	Iron	Sardonyx
10,563	Marshman 2016	98.04	Private Collection	Ring	late 1st - early 2nd century AD	75	125	Britain	Colchester, Castle Park	Gold	Sardonyx
10,564	Marshman 2016	50.05	National Museum of Scotland, Edinburgh	Ring	late 1st - early 2nd century AD	75	125	Britain	Edinburgh, Arthur'S Seat	Iron	Sardonyx
10,565	Marshman 2016	8.42	National Roman Legion Museum, Caerleon	Ring	late 1st - mid 2nd century AD	75	150	Britain	Caerleon	Iron	Sardonyx

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10,566	Xanten 1987/1994	136	LVR-Archäologischer Park Xanten	Engraved Gem	late 1st century AD	75	100	Germany	Colonia Ulpia Traiana Und Umgebung		Sardonyx
10,567	Marshman 2016	100.05	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st century AD	75	100	Britain	Newstead, South Annex		Sardonyx
10,568	Marshman 2016	16.770	National Museum of Scotland, Edinburgh	Engraved Gem	late 1st century AD	75	100	Britain	Newstead		Sardonyx
10,569	Hendler 2016	183	Hendler Collection	Engraved Gem	late 1st - 3rd century AD	75	300	Israel	Caesarea		Sardonyx
10,570	AGD Hannover	1036	Museum August Kestner-Hannover	Engraved Gem	AD 1 - 50	1	50				Carnelian
10,571	Hague 1978	120	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1	Britain	Caerleon		Carnelian
10,572	Guiraud 1988/2008	978	Dépôt de fouilles de Thérouanne	Engraved Gem	2nd - 3rd century AD	101	300	France	Thérouanne		Sardonyx
10,573	Getty Online	83.AN.437.44	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Lapis Lazuli
10,574	Hermitage Online	21875	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Carnelian
10,575	Hermitage Online	21220	Hermitage Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Sardonyx
10,576	AG Vienna	1888	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	Italy	Rome		Sardonyx
10,577	Hermitage Online	12595	Hermitage Museum	Ring	1st century AD	1	100	Italy	Rome	Gold	Agate
10,578	Carnuntum 2005	1283	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Blank Gem	1st - 4th century AD	1	399	Austria	Carnuntum		Sardonyx
10,579	Guiraud 1988/2008	219	Musée Départemental des Vosges	Engraved Gem	2nd - 3rd century AD	101	300	France	Grand		Sardonyx
10,580	Guiraud 1988/2008	467	Musée du Pays de Sarrebourg	Engraved Gem	2nd - 3rd century AD	101	300	France	Dolving		Sardonyx
10,581	Guiraud 1988/2008	215	Musée Rolin, Autun, Autun	Engraved Gem	2nd - 3rd century AD	101	300	France	Autun		Sardonyx
10,582	Guiraud 1988/2008	323	Musée Sainte-Croix	Engraved Gem	2nd - 3rd century AD	101	300	France	Poitiers		Sardonyx
10,583	Guiraud 1988/2008	977	Palais des Archevêques de Narbonne	Engraved Gem	2nd - 3rd century AD	101	300	France	Gruissan		Sardonyx
10,584	Carnuntum 2005	753	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
10,585	AG Munich	2624	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
10,586	AG Munich	2475	Staatliche Antikensammlungen, Munich	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
10,587	AG Munich	2837	Staatliche Antikensammlungen, Munich	Engraved Gem	50 - 1 BC	-50	-1				Sardonyx
10,588	AGD Hannover	741	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Sardonyx
10,589	AGD Hannover	742	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
10,590	AGD Hannover	749	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Carnelian
10,591	AGD Hannover	750	Museum August Kestner-Hannover	Engraved Gem	2nd - 1st century BC	-201	-1				Sardonyx
10,592	AGD Hannover	384	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Sardonyx
10,593	Berlin 2007	428	Staatliche Museen zu Berlin	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,594	BM online	1867,0507.384	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,595	BM online	1856,0425.25	British Museum	Engraved Gem	1st century BC	-100	-1				Sardonyx
10,596	Getty Online	2001.28.4	J. Paul Getty Museum	Engraved Gem	AD 50 - 100	50	100				Chalcedony
10,597	Getty Online	85.AN.370.50	J. Paul Getty Museum	Engraved Gem	AD 100 - 250	100	250	Italy			Lapis Lazuli
10,598	Getty Online	82.AN.162.77	J. Paul Getty Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,599	BM online	1872,0604.1276	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,600	BM online	1890,0601.20	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,601	BM online	1824,0301.12	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,602	BM online	1824,0301.90	British Museum	Engraved Gem	AD 25 - 50	25	50				Sardonyx
10,603	BM online	1890,0601.1	British Museum	Engraved Gem	AD 40 - 50	40	50				Sardonyx
10,604	BM online	1772,0314.112	British Museum	Engraved Gem	AD 54 - 68	54	68				Sardonyx
10,605	BM online	1890,0601.2	British Museum	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Corbridge		Sardonyx
10,606	Marshman 2016	1.38	Corbridge Roman Site & Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,607	Hermitage Online	21687	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Verona		Sardonyx
10,608	AG Vienna	1895	Kunsthistorisches Museum Wien	Engraved Gem	late 1st - 2nd century AD	75	200	Britain	Castlesteads	Metal	Sardonyx
10,609	Marshman 2016	40.03	Private Collection of Major General Sir George F. Johnson	Ring	late 1st - 2nd century AD	75	200	Britain	Silchester		Sardonyx
10,610	Marshman 2016	13.09	Reading Museum	Engraved Gem							

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10,611	Marshman 2016	98.07	Reading Museum	Ring	late 1st - 2nd century AD	75	200	Britain	Silchester	Silver	Sardonyx
10,612	Berlin 2007	706	Staatliche Museen zu Berlin	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
10,613	V&A online	460-1871	Victoria & Albert Museum	Ring	1st - 2nd century AD	1	200			Gold	Sardonyx
10,614	BM online	1872,0604.1295	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,615	Guiraud 1988/2008	244	Dépôt de fouilles, Nantes	Engraved Gem	2nd century AD	101	200	France	Les Souils		Sardonyx
10,616	Getty 1992	85.AN.370.73	J. Paul Getty Museum	Engraved Gem	2nd century AD	101	200				Sardonyx
10,617	AG Vienna	1903	Kunsthistorisches Museum Wien	Engraved Gem	3rd century AD	201	300	Italy	Rome		Sardonyx
10,618	AG Vienna	1906	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Rome		Sardonyx
10,619	Berlin 2007	585	Staatliche Museen zu Berlin	Engraved Gem	1st century AD	1	100				Sardonyx
10,620	Carnuntum 2005	1234	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	2nd - 3rd century AD	101	300	Austria	Carnuntum		Sardonyx
10,621	AG Vienna	1907	Kunsthistorisches Museum Wien	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
10,622	Met Online	81.6.60	Metropolitan Museum of Art, New York	Engraved Gem	1st century BC - 3rd century AD	-100	300				Carnelian
10,623	Guiraud 1988/2008	198	Musée Château de Montbéliard	Engraved Gem	2nd century AD	101	200	France	Mandeure		Sardonyx
10,624	Guiraud 1988/2008	810	Musée de la Diana, Montbrison	Ring	2nd century AD	101	200	France	Chalain-D'Uzore	Gold	Sardonyx
10,625	Bologna 1987	250 (inv. Gl. 73)	Museo Civico Archeologico di Bologna	Engraved Gem	2nd century AD	101	200				Sardonyx
10,626	AGD Hannover	833	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,627	AGD Hannover	834	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,628	AGD Hannover	835	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,629	Berlin 2007	251	Staatliche Museen zu Berlin	Engraved Gem	second half of the 1st century BC	-50	-1				Sardonyx
10,630	Berlin 2007	446	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Sardonyx
10,631	Venice 1999	4 (inv. G 60)	The National Archaeological Museum, Venice	Engraved Gem	2nd century AD	101	200				Sardonyx
10,632	Hermitage Online	21413	State Hermitage Museum	Engraved Gem	1st century BC - 1st century AD	-100	100	Italy	Rome		Carnelian
10,633	Marshman 2016	14.05	Museum of Archaeology & Anthropology, Cambridge	Engraved Gem	2nd century BC	101	200	Britain	Shepreth		Sardonyx
10,634	Venice 1999	55 (inv. G 37)	The National Archaeological Museum, Venice	Engraved Gem	AD 117 - 138	117	138	Greece	Ephesus		Sardonyx
10,635	MFA online	01.7536	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 4th century AD	-100	400				Sardonyx
10,636	Xanten 1987/1994	147	LVR-Archäologischer Park Xanten	Engraved Gem	mid 2nd - 3rd century AD	150	300	Germany	Colonia Ulpia Traiana Und Umgebung		Sardonyx
10,637	Guiraud 1988/2008	998	Musée d'Art et d'Histoire, Geneve	Ring	mid - late 2nd century AD	150	200	France	Chévrier		Sardonyx
10,638	CHRE	5785	Private Collection	Engraved Gem	AD 160 - 168	160	168	France	Montaure		Sardonyx
10,639	MFA online	63.1555	Museum of Fine Arts, Boston	Engraved Gem	3rd century AD	201	300				Sardonyx
10,640	AG Vienna	1680	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Garnet
10,641	Guiraud 1988/2008	413	Musée gallo-romain de Lyon-Fourvière	Engraved Gem	late 2nd - 3rd century AD	175	300	France	Boistray		Sardonyx
10,642	Marshman 2016	104.26	British Museum	Ring	late 2nd - early 3rd century AD	175	225	Britain	Miningsby	Gold	Sardonyx
10,643	Marshman 2016	41.02	Corbridge Roman Site & Museum	Engraved Gem	late 2nd - early 3rd century AD	175	225	Britain	Corbridge		Sardonyx
10,644	Xanten 1987/1994	148	LVR-Archäologischer Park Xanten	Engraved Gem	late 2nd - mid 3rd century AD	175	250	Germany	Colonia Ulpia Traiana Und Umgebung		Sardonyx
10,645	Getty Online	80.AN.57	J. Paul Getty Museum	Engraved Gem	4th century AD	301	400				Carnelian
10,646	Getty Online	85.AN.444.22	J. Paul Getty Museum	Engraved Gem	late 2nd - 1st century BC	-175	-1	Egypt			Garnet
10,647	AG Vienna	1646	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Sardonyx
10,648	Guiraud 1988/2008	996	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	early 3rd century AD	201	225	France	Naix-Aux-Forges		Sardonyx
10,649	Guiraud 1988/2008	993	Musée Départemental des antiquites de la Seine-Maritime, Rouen	Engraved Gem	early 3rd century AD	201	225	France	La Haye-Malherbe		Sardonyx
10,650	Thorvaldsens online	i1563	Thorvaldsens Museum, Copenhagen	Engraved Gem	3rd - 4th century AD	201	400				Sardonyx

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10,651	Xanten 1987/1994	141	des Rheinischen Landesmuseums Bonn	Engraved Gem	late 2nd - 3rd century AD	175	300	Germany	Colonia Ulpia Traiana Und Umgebung		Sardonyx
10,652	Hermitage Online	12730	Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Sardonyx
10,653	Berlin 2007	499	Staatliche Museen zu Berlin	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
10,654	Ashmolean Online	AN1941.355	Ashmolean Museum	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
10,655	Ashmolean Online	AN1890.758	Ashmolean Museum	Ring	2nd - 3rd century AD	101	300			Silver	Sardonyx
10,656	Ashmolean Online	ANFortnum.FR.177	Ashmolean Museum	Ring	3rd century AD	201	300			Silver	Sardonyx
10,657	BM online	1877,0825.3	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,658	BM online	1890,0601.83	British Museum	Engraved Gem	1st - 3rd century AD	1	300				Sardonyx
10,659	BM online	1867,0507.280	British Museum	Engraved Gem	3rd century AD	201	300				Sardonyx
10,660	BM online	1874,0515.1	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,661	BM online	1890,0601.30	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,662	BM online	1978,1002.731	British Museum	Engraved Gem	1st - 2nd century AD	1	200			Gold	Sardonyx
10,663	Marshman 2016	32.12	British Museum	Ring	3rd century AD	201	300	Britain	York	Gold	Sardonyx
10,664	Guiraud 1988/2008	979	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	3rd century AD	201	300	France	Naix-Aux-Forges		Sardonyx
10,665	Marshman 2016	119.07	Colchester Castle Museum	Engraved Gem	3rd century AD	201	300	Britain	Colchester, The Hythe		Sardonyx
10,666	Hermitage Online	21538	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Carnelian
10,667	Hermitage Online	21398	Hermitage Museum	Engraved Gem	1st century AD	1	100	Italy	Rome		Sardonyx
10,668	Hermitage Online	12521	Hermitage Museum	Engraved Gem	2nd - 3rd century AD	101	300	Italy	Rome		Sardonyx
10,669	AG Vienna	1731	Kunsthistorisches Museum Wien	Engraved Gem	AD 330	330	330				Garnet
10,670	AG Vienna	1744	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200	France	Eure; Haye-Malherbe (La)		Garnet
10,671	AGD Hannover	908	Museum August Kestner-Hannover	Engraved Gem	50 - 1 BC	-50	-1				Sardonyx
10,672	AGD Hannover	909	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,673	AGD Hannover	910	Museum August Kestner-Hannover	Engraved Gem	1st century AD	1	100				Carnelian
10,674	AGD Hannover	917	Museum August Kestner-Hannover	Engraved Gem	1st - 2nd century AD	1	200				Chrysoprase
10,675	Carnuntum 2005	705	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Sardonyx
10,676	Carnuntum 2005	866	Museum Carnuntinum, ehemals Sammlung Graf Abensperg-Traun	Engraved Gem	3rd century AD	201	300	Austria	Carnuntum		Sardonyx
10,677	Berlin 2007	510	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Sardonyx
10,678	Berlin 2007	623	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Sardonyx
10,679	MFA online	99.110	Museum of Fine Arts, Boston	Engraved Gem	late 1st century BC - early 1st century AD	-10	10				Sardonyx
10,680	MFA online	02.272	Museum of Fine Arts, Boston	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,681	Marshman 2016	89.01	Private Collection	Ring	3rd century AD	201	300	Britain	Bwrdd Y Gwylltiaid	Gold	Sardonyx
10,682	AG Munich	2578	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Sardonyx
10,683	AG Munich	2600	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Sardonyx
10,684	AG Munich	2618	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Sardonyx
10,685	AG Munich	2621	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Sardonyx
10,686	AG Munich	2677	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Sardonyx
10,687	AG Munich	2815	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Sardonyx
10,688	AG Munich	2817	Staatliche Antikensammlungen, Munich	Engraved Gem	3rd century AD	201	300				Sardonyx
10,689	Berlin 2007	698	Staatliche Museen zu Berlin	Engraved Gem	2nd - 3rd century AD	101	300				Sardonyx
10,690	Berlin 2007	483	Staatliche Museen zu Berlin	Engraved Gem	2nd century AD	101	200				Sardonyx

Appendix Number	Publication / Catalogue	Aquisition/ Catalogue Number	Collection	TYPE	Date	Earliest Date	Latest Date	Provenance Country	Provenance Site	Metal	Gem
10,691	Berlin 2007	323	Staatliche Museen zu Berlin	Engraved Gem	late 1st century BC	-10	-1				Sardonyx
10,692	BM online	1890,0601.31	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,693	BM online	1824,0301.62	British Museum	Engraved Gem	1st - 2nd century AD	1	200				Sardonyx
10,694	BM online	1867,0507.484	British Museum	Engraved Gem	AD 14 - 20	14	20				Sardonyx
10,695	AG Vienna	2038	Kunsthistorisches Museum Wien	Engraved Gem	1st century AD	1	100				Garnet
10,696	AGD Hannover	943	Museum August Kestner-Hannover	Engraved Gem	AD 1 - 50	1	50				Carnelian
10,697	AG Vienna	1692	Kunsthistorisches Museum Wien	Engraved Gem	2nd century AD	101	200				Sardonyx
10,698	Avisseau-Broustet and Vollenweider 2003	228 (inv. Camée. 301)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 209	209	209				Sardonyx
10,699	Avisseau-Broustet and Vollenweider 2003	222 (inv. Camée. 302)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 210	210	210				Sardonyx
10,700	Avisseau-Broustet and Vollenweider 2003	243 (inv. Camée. 304)	Bibliothèque nationale de France, département des Monnaies, médailles et antiques	Engraved Gem	AD 222	222	222				Sardonyx
10,701	AGD Berlin	544	Staatliche Museen zu Berlin	Engraved Gem	AD 238	238	238				Sardonyx
10,702	Hague 1978	966	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd century AD	101	300	Algeria	Timgad 1910		Onyx (Nicolo)
10,703	CHRE	4936	Private Collection	Engraved Gem	AD 260 - 293	260	293	Algeria	Timgad 1910		Sardonyx
10,704	Hague 1978	965	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 3rd century AD	101	300	Algeria	Timgad 1910		Onyx (Nicolo)
10,705	Hague 1978	121	Royal Coin Cabinet, The Hague	Engraved Gem	2nd - 1st century BC	-200	-1				Sardonyx
10,706	RMO online	GS-11096	National Museum of Antiquities, Leiden	Engraved Gem	AD 312 - 315	320	330				Sardonyx
10,707	Carnuntum 2005	323	Private Collection	Ring	3rd century AD	201	300	Austria	Carnuntum	Silver	Sardonyx
10,708	Hague 1978	184	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Agate
10,709	Hague 1978	183	Royal Coin Cabinet, The Hague	Engraved Gem	early 1st century BC	-100	-75				Carnelian
10,710	Hague 1978	188	Royal Coin Cabinet, The Hague	Engraved Gem	1st century BC	-100	-1				Agate
10,711	Ashmolean Online	AN1941.397	Ashmolean Museum	Engraved Gem	1st century BC - 1st century AD	-100	100				Sardonyx
10,712	Marshman 2016	132.01	Corbridge Roman Site & Museum	Ring	late 1st - early 2nd century AD	75	125	Britain	Corbridge	Iron	Sardonyx
10,713	Ashmolean Online	AN1966.1808	Ashmolean Museum	Engraved Gem	first half of the 1st century AD	1	50				Sardonyx
10,714	BM online	1867,0507.510	British Museum	Engraved Gem	AD 37 - 41	37	41				Sardonyx
10,715	Hermitage Online	22362	State Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Carnelian
10,716	CHRE	2910	Private Collection	Pendant	AD 69 - 315	69	315	France	Beaurains	Gold	Sardonyx
10,717	CHRE	2910	Private Collection	Engraved Gem	AD 69 - 315	69	315	France	Beaurains		Sardonyx
10,718	BM online	2005,0815.28	British Museum	Engraved Gem	2nd century AD	101	200				Turquoise
10,719	Thorvaldsens online	i1087	Thorvaldsens Museum, Copenhagen	Engraved Gem	late 1st century BC - 2nd century AD	-30	200				Turquoise
10,720	RMO online	GS-00540	National Museum of Antiquities, Leiden	Engraved Gem	1st century AD	1	100				Turquoise
10,721	V&A online	IS.18-1948	Victoria & Albert Museum	Earring	1st - 2nd century AD	1	200			Gold	Turquoise
10,722	V&A online	IS.16-1948	Victoria & Albert Museum	Earring	1st - 2nd century AD	1	200			Gold	Turquoise
10,723	MFA online	99.109	Museum of Fine Arts, Boston	Engraved Gem	AD 14–37	14	37				Turquoise
10,724	V&A online	M.7-1966	Victoria & Albert Museum	Necklace	2rd century AD	201	300			Gold	Amethyst, Emerald
10,725	Hermitage Online	22532	Hermitage Museum	Engraved Gem	2nd century AD	101	200	Italy	Rome		Chrysoprase
10,726	Hermitage Online	26643	State Hermitage Museum	Engraved Gem	1st century AD	1	100	Russia	Novocherkassk, Russia (Khokhlach Barrow)		Carnelian