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C.F.I. OCCASIONAL PAPERS

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NO. 27

A CHECKLIST OF THE FLORA OF
BUDONGO FOREST RESERVE, UGANDA,
WITH NOTES ON
ECOLOGY AND PHENOLOGY

by

T.J. SYNNOTT

1985

DEPARTMENT OF FORESTRY
COMMONWEALTH FORESTRY INSTITUTE
UNIVERSITY OF OXFORD



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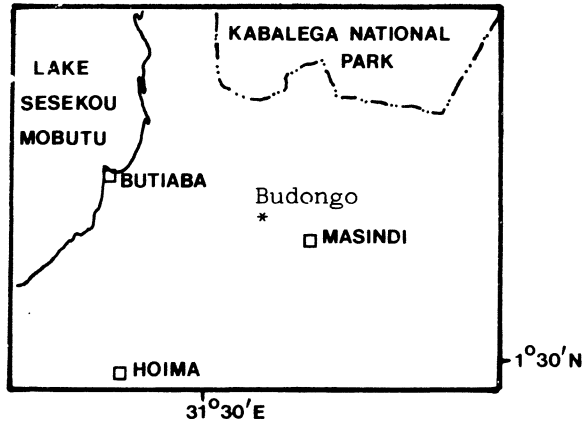
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BUDONGO FOREST RESERVE

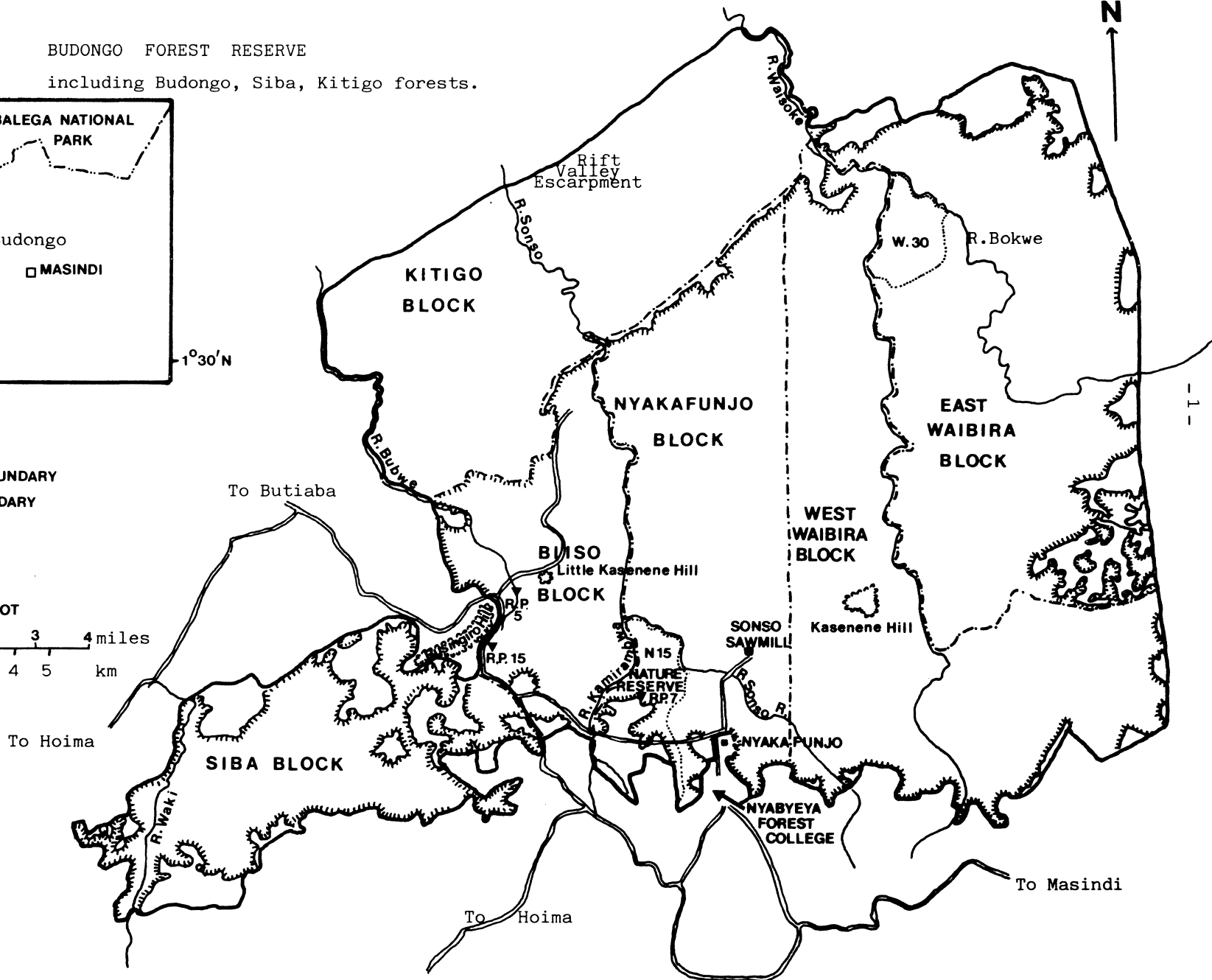
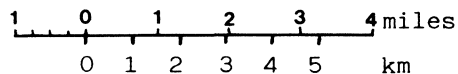
including Budongo, Siba, Kitigo forests.

W. UGANDA



LEGEND

- RESERVE BOUNDARY
- BLOCK BOUNDARY
- HILL
- FOREST EDGE
- TRACK
- RESEARCH PLOT



- 1 -

THE FLORA OF BUDONGO FOREST RESERVE, UGANDA

SUMMARY

Budongo Forest Reserve, with nearly 40,000 ha of forest, is one of the best documented forests in Africa. Some areas are protected in Nature Reserves but most of the forest has been selectively logged for timber. This report describes some aspects of the ecology of the past and present unlogged forest, and of the existing logged and regenerating forests, particularly the relationships between different vegetation communities.

All species of vascular plants known to occur in the Forest Reserve, including wooded grassland, are listed with local names, collection numbers, seasons of flowering and fruiting, and habitats.

The plant forms and habitats are tabulated for all 866 species, and the months of flowering and fruiting are tabulated for all 725 forest species.

ACKNOWLEDGEMENTS

The text and the flora draw heavily on the listed publications. I have been particularly helped by the reports, collections and detailed comments on drafts of this report by W.J. Eggeling, whose contribution to our understanding of this and other forests is unrivalled. Several other foresters and botanists have helped by commenting on parts of the flora, providing information about their collections, and by identifying specimens. In particular I wish to thank A.B. Katende, J.B. Gillett, Joyce Stewart, Colin Leakey, Mike Lock, R.B. Faden, H. Meyer, Colyear Dawkins and the staff of the Kew, Makerere and East African herbaria.

A CHECKLIST OF
THE FLORA OF BUDONGO FOREST RESERVE, UGANDA

INTRODUCTION

Budongo Forest is in Bunyoro District, western Uganda, between Masindi and Lake Albert (Sesekou Mobutu). It lies between 1°35' and 1°55'N. and between 31°18' and 31°42'E. The area covered by this flora is the whole of Budongo Forest Reserve, including Siba forest and substantial areas of wooded grassland including Kitigo.

Other forests nearby include the adjacent Busaju and Kaniyo Pabidi Forest Reserves, the Rabongo forest patches in Kabelega National Park, the large Bugoma forest, and many small patches and riverine strips. These are not specifically covered by this list, although most of the species in them occur also in Budongo.

Budongo Forest Reserve is divided for administrative and descriptive purposes into several blocks:

	FOREST	WOODED GRASSLAND	TOTAL, ha
Biiso	4350	227	4577
Nyakafunjo	7993	477	8470
Siba	5285	1311	6596
West Waibira	10346	411	10757
East Waibira	11143	1439	12585
Kitigo	-	9508	9508
Total	39117	13373	52490

The general altitude of the reserve is about 1050m, with hills rising to just over 1200m. The mean annual rainfall in the forest is c.1600mm, with the wettest seasons in April-May and September-October and a strong dry season from December to February.

The ecology, environment, management and history of Budongo have been described in four Working Plans and many reports, papers and books. This is now one of the best documented and studied forests in Africa. Important research has been done on forest ecology and regeneration, silvicultural treatments and on the ecology and behaviour of chimpanzees and other primates, including the first recorded observation of chimpanzee cannibalism.

All mammals known to occur in Budongo are shown in the species distribution records by Kingdon (21), and the bird records have also been published (14, 15). Full records of plant species have not previously been published, although many reports cover the main forest trees, characteristic species, some sample records and other plants of interest.

Large quantities of data on tree species and sizes have been collected in Forest Department research plots and sample plots throughout Budongo, including R.P.7, the oldest regularly measured plot in unlogged forest in tropical Africa. The data have been used for studies of growth rates of timber trees under different conditions, but not much yet for botanical or ecological studies.

During a three-year study of seedling regeneration of mahoganies in Budongo, I made notes on all species of vascular plants reported, collected or observed, to help in interpreting the various forest areas examined. These notes have been revised and are summarised in this check-list. This is probably the most complete list of plants published for any large forest in tropical Africa. It is hoped that it will be helpful for further biological studies in Budongo, and for comparison with other forest floras.

DESCRIPTION OF THE VEGETATION COMMUNITIES

The main communities and the succession in Budongo were described by Eggeling (10). Many other observations have been made, with some qualifications to Eggeling's conclusions (27, 43). The most recent summaries, with some climatic and other environmental information, are given by Philip (29) and Laws, Parker and Johnstone (24). Only a brief description is given here.

At the time of Eggeling's work, about 30% of Budongo consisted of forest dominated by Cynometra alexandri, where this species occurs in all sizes, including young regeneration, and is the most abundant tree in numbers and volume. An understorey of Lasiodiscus mildbraedii is characteristic of Cynometra forest, and Strychnos mitis, Celtis wightii, and C. mildbraedii are typical components. Shrubs and lianes are less prominent than in other forest types in Budongo, a common feature of very old, undisturbed forests.

Most of the forest was described by Eggeling as Mixed Forest. It contains a much greater diversity of species per unit area than typical Cynometra forest, including the valuable mahoganies Khaya anthotheca and Entandrophragma species. There are also several Celtis, Chrysophyllum, Ficus, Funtumia, Rinorea, Teclea and Trichilia species with Alstoea boonei, Aningeria altissima, Erythrophleum guineense and many others. The understorey and ground vegetation is also very diversified, although not always very dense.

Colonising forest occurs along margins of the forest. Some is formed from a matrix of woodland species including Sapium and Cordia africana, and some from the invasion of wooded grassland by Acanthus, Maesopsis, Spathodea and other colonising trees and shrubs. Older colonising forest includes many other species such as Cordia millenii, Diospyros abyssinica, Chlorophora excelsa, Cola gigantea, Funtumia spp., Olea welwitschii and also young trees of typical Mixed Forest species.

In poorly drained valleys there are distinct communities described by Eggeling as Swamp Forest in irregular strips merging upslope into the Cynometra or Mixed Forest. Some species are almost confined to these wet areas, including Pandanus, the palm trees Phoenix and Raphia, and the climbing palms Calamus and Eremospatha. Other characteristic species include Mitragyna, Bombax, Pseudospondias and Erythrina excelsa.

The forest is surrounded by woodland and grassland. Some has now been replaced by villages and crops but most remains, affected to varying degrees by fire and wild animals. Substantial areas including Kitigo (Lunyoro for Acanthus) are in the Forest Reserve. They have been described by Eggeling and others, and well collected, and they are an integral part of forest expansion and succession so they are included in the flora. Only one sixth as many tree species are recorded in these wooded areas as in the forests. Acacia, Combretum and Terminalia species are conspicuous, with Grewia, Mavtenus, Ficus, Stereospermum, and Erythrina abyssinica.

Present status:

Most of the forest has now been selectively logged once, and much of it has also been silviculturally treated by planting some trees of favoured species or poisoning unwanted trees or both. There is now little scope for studying the seral succession described by Eggeling or the associations of species in undisturbed forest. These can be seen in the two Nature Reserves, Nyakafunjo Cpt. 15, unlogged, and Waibira Cpt. 30 from which only the most valuable timber has been removed, and in the still unlogged parts of east Waibira.

Logging operations started before 1915, and have been controlled by the Forest Department since the early 1930's (17). From the mid-1930's, tree seedlings were planted in lines and groups in the partially logged forest to supplement the natural regeneration, mainly using Chlorophora and Khaya. This work covered almost all Biiso Block and parts of Nyakafunjo and Siba Blocks. It stopped in about 1954 because of shortage of labour, the damage caused by insects and large mammals to the planted trees, and because of renewed confidence in the adequacy of natural regeneration.

From the late 1950's, silvicultural treatments included poisoning unwanted trees, particularly of species which were not marketable. This treatment was applied once to the whole of Biiso and Nyakafunjo Blocks and much of southern Waibira, and twice to a small part of Biiso. It ceased in the early 1970's when it became possible to market the timber of almost all the larger trees, and it was difficult to import the treatment chemicals. At present, logging remains selective and is followed by natural regeneration of a wide range of species without treatments.

All these combined influences have resulted in a forest which could be called secondary, with a mixture of older trees from the pre-existing forest and younger trees which have regenerated or grown to tree size since logging and treatment. In broad biological terms, there is not much to distinguish the logged and treated areas of Budongo from other similarly disturbed forests in western Uganda.

Most of the forest is now occupied by tree species typical of Colonising and young Mixed Forest, as was expected and intended. In fact, colonising plants of all kinds, including climbers and weeds of cultivation, have increased greatly

in numbers and species in newly logged forest and along the many logging tracks. Many plants of open areas or colonising communities, rare or unrecorded in the 1930's and 1940's, are now widespread, and they may have existed previously along the unstable forest edges, in gaps (e.g. Solanum nigrum), and along elephant tracks (e.g. Brillantaisia (10)). The new colonising plants decline in abundance as the regenerating forest matures, but their presence in large numbers will remain a permanent feature of the forest. Correspondingly, species typical of old unlogged forest are now rarer, either because they regenerate less successfully in the disturbed forest or because the poisoning treatments selected against them. Some were always rare and have been observed only in unlogged forest (e.g. Telfairia occidentalis); others were liable to be eliminated by poisoning treatments but may now survive (e.g. Erythrina droogmansiana (45)). The Nature Reserves do not necessarily contain viable populations of all the species which are adversely affected by the general change in the forest's structure and composition; some species of plants and animals almost certainly have or will become locally extinct, although the total number of species occurring in Budongo has apparently increased.

HISTORICAL AND ECOLOGICAL INTERPRETATION

It is not possible to understand the status of the vegetation which existed before logging and treatment, or the relationship between the different communities, without some assumptions about the past environmental and biological processes, including man's activities. Nor is it helpful to speculate on what the vegetation would have been like if there had been no human influence, since people have been part of the environment for many thousands of years. Human influences have affected not just the present location of forest edges and the openness of the woodland, directly or indirectly, but even the distribution of certain species and communities, of animals as well as plants, causing new patterns of interaction. The traditional uses of certain animals or plants for food or materials inevitably affect their abundance and that of associated or competing species.

Several of the listed references deal with the historical background. There is evidence of a period of drier climate more than 600 years ago. The Bahima people moved through Bunyoro with their cattle in about the thirteenth century, leaving earthworks in what is now Bugoma forest (23). The Bahima may have been prompted to migrate because of drought elsewhere, moving through or in search of lightly wooded grassland. The forest areas may have been much smaller then, so the oldest areas of Mixed Forest, and the oldest mahoganies, are assumed to have grown up in moister climates since then.

The wooded grasslands around Budongo are locally well developed, with large old trees, but clearly greatly affected by frequent fires. Woodland of some kind has probably been widespread outside the forest for centuries, and was prevented from developing into closed forest by a climate less favourable than at present, or by the impact of fire, livestock or wild herbivores, or by all of these. Formerly, if fires were less frequent than now, the old woodlands probably included the existing tree species such as Acacia, Combretum, Terminalia and Vitex, but with a higher proportion of less fire-tolerant species such as Sapium, Margaritaria (Phyllanthus) discoidea, Bridelia and shrubs, climbers and forbs, and fewer grasses. The margins between woodland and closed forest were probably zones of gradual transition, instead of the clearly defined, sharp boundaries widely seen today. The change from woodland to forest species would

have been spread irregularly over some tens or hundreds of metres with much local variation. Probably, transitions were closely correlated with soils and drainage, and moved substantially in response to climatic fluctuations. Occasional fires, small and patchy in their impact, with grazing and browsing by wild animals, kept the woodland in a fluctuating equilibrium. Later, regular burning and grazing shifted the balance towards the present wooded grassland.

Evidence for the expansion of the colonising forest into surrounding wooded grassland, especially into areas protected from fire or treated by early burning, comes from old reports and maps including Dawe's (8), and aerial photographs of 1931 and 1951. The process can be seen during a few years of observation. In the Nyakafunjo Nature Reserve, relict woodland trees of exceptionally large size, especially Terminalia glaucescens, with broad, low, but dying crowns, still survive surrounded by mature trees of typical colonising species; under them, the saplings and poles of mahoganies and other Mixed Forest species are developing. Elsewhere, enormous and often decaying trees of these species occur in old forest with many Cynometra. In the past, some typical Cynometra areas were found to contain many dead, fallen mahogany trunks (Jasi, pers. comm.). Salvage fellings were carried out in the early years of planned management to harvest the largest mahoganies before they died. In contrast, the stumps of woodland and forest trees can be found in grassland areas, including the Kabalega National Park (3), as evidence of changes associated with other regimes of burning and browsing.

The extent of the forest and the location of its edges, and especially the structure and composition of the surrounding communities, are the result of a long process of human influences interacting with other environmental factors. Under the present climate, much of the neighbouring grassland and wooded grassland can develop into forest, and some of it has done so in Budongo when protected from fire, within a few decades. Similarly in Kabalega some areas of grassland and woodland have developed a closed tree canopy when the grazing and browsing intensity was reduced, first in some protected experimental plots and later on a wider scale.

In other parts of Uganda, domestic livestock, agricultural practices and fuel collection add to the effects of fires and wild animals in opening up the woodlands and eliminating the trees. They may have had a more important impact around Budongo in the past than they do now.

The climate has been favourable for forest expansion and establishment for some hundreds of years, and this expansion has come from relatively small but very ancient patches and riverine strips, no larger than the area recently occupied by old swamp and Cynometra forest. Earlier studies indicated that the Cynometra forest was expanding as the oldest trees of Mixed Forest species died out, as described above, and we do not know the age or area of the ancient forest core at the time when forest expansion started. The core of old forest was itself probably the remnant of much more extensive forests, covering much of western Uganda some several thousand years ago. There is evidence in the present distribution of many plant and animal species, as well as in the extensive literature on pollen analyses and other indicators of past climates.

Forests in western Uganda were at an extreme minimum from before 25000 years b.p. until c. 12000 years b.p., with lower average rainfall, humidity and temperatures than at present. In Budongo, forest was probably absent or

restricted to riverine strips. Substantial forest expansion started around 12000 b.p. The forests along the eastern margin of the Western Rift Valley were probably at a fluctuating maximum between about 8000 and 3000 years b.p., with a warm wet climate and many connections between them, although now separated by wooded grassland. Fluctuations in the forest areas and boundaries have continued in the past few thousand years, but with a large reduction from the earlier maxima. Recently, a phase of local expansion has been observed during the past 70 years and has probably lasted for some hundreds of years, but the details are uncertain (A.C. Hamilton, in lit.).

The old forest areas have strong botanical and zoological similarities to other forests at similar altitudes, such as Bugoma, Bwamba (Semliki), Maramagambo, Rabongo and the lower parts of Kibale. Some species which are typical of forests at slightly higher altitudes such as Kalinzu, Bwindi (the Impenetrable Forest) and the higher parts of Kibale are either rare in Budongo (Parinari, Prunus, Nuxia, Tetrorchidium) or unrecorded (Newtonia, Millettia, Symphonia, Entandrophragma excelsum).

The structure and composition of the oldest closed forests have probably not been much affected by man's activities, prior to commercial logging. Indirect human influences, such as changes in elephant and buffalo populations by hunting or by control of hunting, have also had little impact on the oldest unlogged forest areas, although they could have a long-term effect if sustained for long enough (and they certainly have an impact on regenerating logged forest).

The forest and woodland animals have always been a major component of the system, with interactions ranging from pollination and seed dispersal to browsing and trampling. The abundance of certain food plants can have a critical effect on certain animals, and the reverse situation occurs when a herbivore population rapidly increases or decreases in numbers. There are several examples of extreme interdependence, such as fig species with their characteristic wasps. The leaf-eating preferences of some monkeys, correlated with leaf chemistry, are an important factor in plant competition. The frequency of browsing and bark-stripping by elephants on certain species (of Khaya in Budongo, and of Acacia, Terminalia, Newtonia, Dombeya kirkii and Prosopis africana elsewhere) has influenced the species composition of old forests and woodlands for centuries and has had a conspicuous effect in recent decades (3, 10, 20, 24).

INTERPRETATION OF FOREST SUCCESSION

Trees of typical Mixed Forest species are well able to regenerate and grow in colonising forest, even though only a minute proportion of the seedlings reach maturity. The canopy is frequently opened by the deaths of the relatively short-lived, and often open-crowned colonising trees, providing the light conditions needed for continued growth. Such openings are much less frequent in old forest. Different species have different tolerances, but generally young trees of colonising or Mixed Forest species are unable to grow up to the canopy, or to survive for many years, under the continuous heavy shade of old Cynometra forest. The Mixed Forest areas are interpreted as stages in the succession from old colonising forest (still with old Maesopsis or relict Terminalia), towards an increasing abundance of Cynometra, until finally the Mixed Forest species die out without successful regeneration.

The large area of Mixed Forest, in its long, gradual succession towards Cynometra, represents an expansion of the forest over hundreds of years, continuing today.

Cynometra trees are tolerant of shade, and can grow slowly but continuously without stagnating in densely stocked forest. It is assumed that some of the old Cynometra areas have been forest for at least the few hundreds of years required to complete the succession, and probably for some thousands of years.

This long-term primary succession is now occurring only in the few remaining unlogged areas. Unpublished analyses of R.P.7 data from 1939 to 1976 show a slow change in composition, including a reduction in the species diversity and an increase in Cynometra.

A similar succession has apparently occurred in some other forests, including Maramagambo in Ankole and Kigezi Districts (40) where Cynometra is dominant in old areas and there is clear evidence of forest expansion throughout this century. In some parts of Budongo, Bugoma (27) and Bwamba the Cynometra areas appear to be correlated with soil conditions. Forest of mixed species may have been capable of maintaining itself in some areas without inevitably developing into Cynometra forest. In Budongo, the mahogany-rich forest was mainly on the interfluves, not in the swampy valleys. Cynometra was often dominant in valleys with impeded drainage, where the forest may have been older, but often also on poor, shallow, stony soils as in Bugoma and Bwamba Forests.

This understanding of the succession was one of the reasons behind the silvicultural treatments, particularly the selective poisoning (or, elsewhere, cutting for fuel) of unwanted trees such as Cynometra. The aim was to alter the species composition, to increase the growth rates of existing valuable trees by reducing competition, and to manipulate the canopy density to provide conditions resembling an earlier stage in the succession suitable for the regeneration of Mixed Forest species.

BOTANICAL COLLECTIONS

The first botanical collections in Budongo were made by M.T. Dawe, the first Superintendent of Forests, and the Officer in Charge of the Botanical and Scientific Department of Uganda, in November 1905 while carrying out a botanical survey of northern and western Uganda (5, 6, 7). He returned in May 1910 and made an enumeration of timber trees, Funtumia elastica and rubber-producing lianes over the whole forest, and a sketch map (8). Bagshawe and E. Brown collected in and near Budongo in 1907, and Fyffe carried out enumerations in 1913.

There were very few botanical collections in Budongo in the next twenty years, but several foresters visited the forest including Professor Troup in 1921. Budongo was easily accessible on the main Masindi-Butiaba road from 1915, and was increasingly visited in the 1920's by those interested in the wildlife. Swynnerton reported on the elephants in 1924, estimating that 5000 elephants were based in the forest, and Carl Akeley vividly described the sights and sounds of the northern forest-woodland boundary of Budongo.

Subsequent collectors included N.V. Brasnett, 1931; F. Rolfe, 1932; C.M. Harris from 1932, who wrote the first Working Plan, one of the earliest in tropical

Africa; W.J. Eggeling from 1933 who made extensive collections, and contributed more than anyone to our understanding of the forest ecology; Hancock and G. Taylor, 1935; R.G. Sangster from 1936; Loveridge, 1938; Greenway, Purseglove, Webb and later a great many foresters and botanists including H.C. Dawkins, H.A. Osmaston, B. Verdcourt, P.K. Karani, A.B. Katende, A.K. Miller, C. Leakey, A.C. Hamilton, B.T. Styles, J. Stewart, R. Faden, K. Lye and the writer.

Most of the plant specimens are now in the Kew Herbarium, the East African Herbarium in Nairobi, or the damaged Forest Department Herbarium in Uganda. There are also many specimens in the Makerere University Department of Botany, Kawanda Agriculture Research Station, the Oxford University Forest Herbarium, the British Museum of Natural History and elsewhere. The Kenya herbarium and the three in Uganda have been systematically checked for specimens from Budongo, and more specific checks have been made at Kew and Oxford.

THE FLORA

The list of species covers the whole Forest Reserve. Different habitats are included, but the notes demonstrate the ecological separation between species in terms of plant form, habitat preferences and phenology.

In Table 1, all species in the Budongo list are tabulated into one of nine forms and one of four habitats. Many species are marginal between forms (e.g. large shrubs or small trees), or occur in more than one habitat, but each species is tabulated only once, according to where it has been observed most typically.

In the forest, trees are overwhelmingly dominant in terms of biomass. However, in numbers of species, herbs and trees are nearly equal with c.200 species. Next, shrubs, epiphytes and climbers/lianes are nearly equal with c.110-120 species each. Undoubtedly, some species remain unrecorded in most categories but the list is most deficient in the woodland herbs, and probably many woodland climbers are either unrecorded or listed as forest edge climbers.

The swamp and riverine forest habitat includes any species characteristically found in or near water. The forest edge habitat does not include all colonising forest species, but only those normally found or collected just in or near the edge of the closed forest, either on the outer margin or along forest roadsides, including some found on forest roads but not normally in woodland or grassland. Many species are probably much more plastic than these categories imply, with woodland or forest edge species occurring in forest gaps, and forest species occurring occasionally in thickets or patches of unburned woodland.

The seasons of flowering or fruiting are important factors for interspecific competition, and also sometimes for animal nutrition. Tables 2 and 3 show information for the 725 species recorded in forest habitats, obtained from observations and herbarium specimens, as listed in the flora. Each month with an observed event is given equal weight: so a species observed ten times flowering in January and only once in February is scored only once for each month. The result is a generalised picture of the abundance of flowering and ripe fruits throughout the year.

A very few species are recorded as constituents of both forest and woodland, sometimes with different stem or branching forms (Ekebergia senegalensis, Khaya grandifoliola, some Albizia species). Several genera are represented by both forest and woodland species, and in these cases the life-form or architecture and sometimes the flowers are strikingly different: Cordia, Combretum, Entada and Solanum are small spreading trees or shrubs in woodland, while Cordia millenii is a large forest tree and Combretum, Entada and Solanum occur as forest climbers.

There are several similar examples of genera found with different growth-forms in different habitats, but consistently intolerant of heavy shade. There are only a few genera with species found in open grassland habitats and other species typical of dense forest shade (Eulophia, Habenaria).

Among the herbs, there are several geophytes which die back to ground level each dry season: Anchomanes and Amorphophallus in the Araceae, Siphonochilus (Kaempferia), two Scadoxus (Haemanthus), Malaxis and Nervilia.

The epiphytes include orchids and ferns, with the semi-parasitic Loranthaceae. Only one full parasite, Thonningia, and one saprophyte, Afrothismia, are recorded.

Out of the total of 240 trees recorded in the Forest Reserve, 61 are deciduous, sometimes for only a few days or weeks in the December-February dry season. The highest proportion is in woodland (10 out of 36), with only 2 out of 14 in swamp and riverine forest. The overall proportion of c.25% explains why the terms semi-deciduous or semi-evergreen are often applied to this and other Ugandan forests.

Some of the species are not recorded from any other forest in Uganda. These include Artabotrys lastoursvillensis, Discoglyprena caloneura, Iodes africana, Mammea africana, Microdesmis puberula, Ritchiea aprevaliana, and Telfairia occidentalis. Several other species such as Erythrina droogmansiana and Pyrenacantha sylvestris are recorded from only one or two other localities in Uganda. However, the Bwindi (Impenetrable) and Semliki (Bwamba) forests have more species with similarly restricted distributions.

The arrangement of families in this list is that used in the East African Herbarium. Genera and species are arranged alphabetically.

Details about the location of herbarium specimens, the origin of name determinations, and other sources are in the author's files. Any additions, corrections or queries would be welcomed.

	Forest, mature dryland	Forest edge	Swamp & riverine forest	Total forest	Woodland, wooded grassland	Total Forest Reserve
Trees	174	16	14	204	36	240
Shrubs	64	39	1	104	19	123
Clambering shrubs						
bushy climbers	10	8	-	18	1	19
Woody climbers,						
lianes	43	17	2	62	4	66
Herbaceous climbers	18	37	-	55	6	61
Terrestrial herbs	112	43	18	173	73	246
Epiphytes, inc.						
Loranthaceae	107	-	-	107	2	109
Parasites	1	-	-	1	-	1
Saprophytes	1	-	-	1	-	1
TOTAL	530	160	35	725	141	866

Table 1. Plant forms and habitat preferences.
(All vascular plant species, including ferns)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Trees	20	33	36	35	26	14	8	5	21	7	14	19	238
Shrubs	10	16	17	17	10	2	8	5	8	8	18	16	135
Clambering													
Shrubs	1	3	2	5	4	1	1	2	2	1	-	1	23
Lianes	3	5	5	3	4	3	6	7	7	2	4	6	55
Herbaceous													
climbers	2	4	9	7	7	1	6	7	5	9	9	8	74
Terrestrial													
herbs	1	8	18	28	16	12	11	15	24	21	32	16	202
Epiphytes	-	2	3	13	10	21	9	7	15	9	7	6	102
Parasites	-	-	-	1	-	-	1	1	1	-	-	-	4
Saprophytes	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	37	71	90	109	77	54	50	49	83	57	84	72	833

Table 2. Flowering seasons for forest plants (725 spp.).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Trees	20	26	30	24	15	8	29	18	27	14	23	17	251
Shrubs	4	5	7	12	6	3	8	6	7	5	10	4	77
Clamb. shrubs	-	1	3	2	1	-	2	5	2	-	-	2	18
Lianes	2	6	3	5	-	3	2	4	3	6	6	4	44
Herbaceous													
climbers	3	4	4	4	1	-	3	3	5	5	3	5	40
Terrestrial													
herbs	1	4	5	9	3	2	5	6	8	7	9	3	62
Epiphytes	1	-	-	2	-	-	-	1	1	-	3	13	21
Parasites	-	-	-	-	-	-	-	-	-	-	-	-	-
Saprophytes	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	31	46	52	58	26	16	49	43	53	37	54	48	513

Table 3. Fruiting seasons for forest plants (725 spp.).

ANNOTATED CHECK-LIST OF THE
FLORA OF BUDONGO FOREST RESERVE, UGANDA

- 1) Local names are Lunyoro.
- 2) Collectors names and numbers are mainly in order of dates.
- 3) A few synonyms are given, mainly the names used in the more important existing reports on Budongo.
- 4) Reference numbers are in brackets, e.g. (10).
- 5) This list covers the Budongo Forest Reserve, not only the closed forest areas.
- 6) ? indicates a doubtful identification.
- 7) R.P. = Research Plot. S.P. = Sample Plot.

VASCULAR CRYPTOGAMS : PTERIDOPHYTES

LYCOPODIACEAE

Lycopodium phlegmaria L.
Eggeling 1576, 2065, Dale U.523.
Epiphytic or terrestrial herb.

SELAGINELLACEAE

Selaginella versicolor Spring
Eggeling 2107, Sangster 81, Faden 69/1081, Lye 4029.
Terrestrial herb, reported very rare by Eggeling.

OPHIOGLOSSACEAE

Ophioglossum reticulatum L.
Eggeling 4308, Synnott 1493.
Terrestrial herb in grassland and wooded grassland.

HYMENOPHYLLACEAE

Trichomanes melanotrichum Schlechtend.
Eggeling 3928, Faden 69/1088.
Epiphyte on forest tree trunk.

T. sp.
Eggeling 3927, Faden 69/1087.
Epiphyte on forest tree trunk.

DENNSTAEDIACEAE

Microlepia speluncae (L.) Moore
Eggeling 1468.
Ground herb usually in open swampy areas.

ADIANTACEAE

Actiniopteris sp. probably A. semiflabellata Pic. Ser. (reported as A. australis (L.f.) Link
Sangster 90.
Ground herb in forest.

Adiantum incisum Forssk.
Sangster 36, 69, 5/1937, Cooper 6/1969, Lye 4030.
Ground herb.

Doryopteris concolor (Langsd. & Fischer) Kuhn var. kirkii (Hook.) R.E. Fries
Eggeling 2026, 2095, Sangster 25, 37, 54, 135, Lye 4031.
Ground herb under shade of closed forest of many kinds.

Pellaea doniana Hook.
Sangster 32, 1-1936, Lye 4032.
Ground herb in forest shade.

P. involuta (Sw.) Bak.
Sangster 138.
Ground herb in forest.

P. viridis (Forssk.) Prantl
Eggeling 2267, Sangster 40, Lye 4033, Faden 69/1084.
Ground herb in forest, usually in less shaded areas.

Pteris atrovirens Willd.
Sangster 110.
Ground herb.

P. dentata Forssk.
Sangster 79.
Ground herb in forest.

P. preussii Hieron.
Faden 69/1074.
Ground herb in forest.

P. tripartita Sw.
Eggeling 1469.
Ground herb, occasional in several types of closed forest.

DAVALLIACEAE

Arthropteris palisoti (Desv.) Alston
Eggeling 2128, Sangster 7/37.
Forest herb, usually terrestrial.

Athropteris orientalis (Gmel.) Posth.
Eggeling 2043, Sangster 73, 130, 132, 6/36.
Epiphytic herb in old closed forest, probably also on ground.

Davallia chaerophylloides (Poir.) Steud.
Eggeling 1561, Sangster 118, 129, Hamilton 708.
Forest epiphyte, frequent.

Nephrolepis biserrata (Swartz) Schott
Sangster 8/37.
Ground herb in forest.

N. delicatula (Decne.) Pic. Ser.
Faden 69/1085.
Ground herb in forest.

N. undulata (Sw.) J. Sm.
Eggeling 2193, Sangster 88, 134, Faden 69/1085.
Ground herb in forest.

Oleandra distenta Kunze
Eggeling 2088.
Epiphyte of old closed forest.

ASPIDIACEAE

Ctenitis cirrhosa (Schumach.) Ching
Sangster 189.
Ground herb in forest.

Didymochlaena truncatula (Swartz) J. Sm.
Eggeling 2119.
Large ground herb in forest.

THELYPTERIDACEAE

Christella sp. probably C. dentata (Forssk.) Browney & Jermy
Sangster 23, 126.
Ground herb, occasional in old closed forest.

Pneumatopteris oppositifolia (Hook.) Holttum
Eggeling 2123.
Ground herb in forest.

P. venulosa (Kuntze) Holttum
Sangster 109.
Ground herb in forest.

Tectaria angelicifolia (Schum.) Copel
Sangster 128, 288.
Ground herb and low level epiphyte in forest.

T. gemmifera (Fee) Alston
Eggeling 2094.
Ground herb, occasional in old closed forest.

T. magnifica (Bon.) C. Chr. (?)
Eggeling 2124.
Ground herb in forest.

LOMARIOPSIDACEAE

Bolbitis acrostichoides (Sw.) Ching
Sangster 87 in part.
Ground herb in forest.

B. auriculata (Lam.) Alston
Sangster 87 in part, 192.
Ground herb in forest.

ATHYRIACEAE

Athyrium sp.
Eggeling 3331.
Ground herb in forest.

Diplazium proliferum (Lam.) Kaulf.
Eggeling 2122, Sangster 86, 89, 107.
Large ground herb in forest; recorded abundant in stream in old closed forest.

ASPENIACEAE

Asplenium africanum Desv. sensu lato
Eggeling 2109.
Epiphytes, widespread in all forest types.

A. anisophyllum Kunze (?)
Sangster 151, Eggeling 2116.
Forest epiphyte in old closed forest.

A. dregeanum Kunze
Eggeling 2260, Sangster 106.
Forest herb, usually terrestrial in dense shade.

A. emarginatum P. Beauv.
Sangster 53, Faden 69/1079.
Forest herb.

A. erectum Willd. var. usambarense (Hieron.) Schelpe
Eggeling 2100.

A. gemmiferum Schrad. sens. lat.
Eggeling 2101, Sangster 139.
Ground herb in dense forest shade.

A. hemitomum Hieron. (?)
Sangster 199, Faden 69/1076.
Forest herb.

A. laurentii Christ
Eggeling 1560, Sangster 36, Synnott 564B.
Epiphyte in old closed forest.

A. macrophlebium Bak.

Eggeling 2096, Sangster 26, 27, 28, 127, Faden 69/1080.
Ground herb in forest.

A. protensum Schrad.

Eggeling 2025, Sangster 51, 152.
Ground herb or epiphyte in closed forest.

A. sandersonii Hook.

Eggeling 2073.
Forest epiphyte.

A. theciferum (Kunth) Mett. var. concinnum (Schrad.) Schelpe

Eggeling 2027, Sangster 56, 137.
Forest epiphyte.

A. unilaterale Lam.

Sangster 31.
Ground herb in forest, perhaps especially near streams.

POLYPODIACEAE

Drynaria laurentii (Christ) Hieron.

Eggeling 2042, Sangster 55.
Forest epiphyte.

Loxogramme lanceolata (Swartz) Presl

Eggeling 2072, 2118, Sangster 52, 136.
Forest epiphyte, frequent.

Microgramma owariensis (Desv.) Alston

Eggeling 2134.

Microsorium punctatum (L.) Copel.

Sangster 57, 140.
Forest epiphyte.

Phymatoides scolopendria (Burm. f.) Ching

Sangster 124, Eggeling 2070.
Forest epiphyte, frequent.

Platycterium angolense Bak.

Eggeling 5478.
Forest epiphyte, frequent and widespread. Relatively more frequent in colonising forest and less in old Cynometra areas.

Pleopeltis macrocarpa (Willd.) Kaulf.

Faden 69/1090.
Forest epiphyte.

Pyrrosia schimperana (Mett.) Alston
Eggeling 1559, 2024, 2117, 2295, Sangster 125, Synnott 1321.
Forest epiphyte, frequent.

VITTARIACEAE

Antrophyum mannianum Hook.
Eggeling 2102.
Forest herb on ground or low-level epiphyte near streams.

Vittaria guineensis Desv.
Eggeling 2083.
Forest epiphyte.

PARKERIACEAE

Ceratopteris cornuta (P. Beauv.) Le Prier
Eggeling 2280.
Ground herb in forest streams.

ANGIOSPERMAE : DICOTYLEDONES

ANNONACEAE

Annona senegalensis Pers. var. senegalensis Omugengeya, Mubengeya
Eggeling 1176, Synnott 857. Fl Mar, Fr Apr.
Woodland tree on rocky hills like Busingiro Hill.

Artabotrys lastoursvillensis Pellegrin
Eggeling 4350. Fl May, June.
Climbing shrub, collected in Budongo Forest, the only East African record (19).

A. velutinus Scott Elliot
Eggeling 4349. Fl May
Liane or climbing or scandent shrub.

Cleistopholis patens (Benth.) Engl. & Diels Bandamorogo
Eggeling 1448, 3043 Fr Oct.
Tree, usually riparian or near swamps, recorded in colonising, mixed and swamp forest (10).

Greenwayodendron suaveolens (Engl. & Diels) Verdc. subsp. suaveolens
Eggeling 4049. Fl & Fr Sept.
Rare deciduous forest tree to 30 m, collected in Siba, recorded in old mixed forest (S.P. 8).

Monanthes gilletii (De Wild.) Verdc.
Taylor 3332.
Climbing shrub in Budongo Forest.

M. littoralis (Bagsh. & Bak. f.) Verdc.
Eggeling 2003, Synnott 656, 1427. Fl Jan, May, Sept, Fr Sept, Dec.
Climber or shrub in young forest or forest-edge, e.g. near Busingiro.
Recorded in young and old colonising forest (10).

Monodora angolensis Welw. Mutete
Eggeling 1154, 1599, 3066, Gibson F.D. 16, Dawkins 690, Synnott 495. Fl Jan,
Feb, Mar, Dec, Fr Jul.
Shrub or tree, occurring in understorey of young, disturbed or old mature
forest. Probably deciduous.

M. myristica (Gaertn.) Dunal Fl Jan, Feb.
Small tree, seen in closed forest near Little Kasenene Hill and in Waibira
Block. Deciduous.

Uvaria angolensis Oliv. var. angolensis
Synnott 867. Fr Apr.
Climber in young forest near Busingiro Hill.

Uvariopsis congensis Robyns & Ghesquière
Harris 167, Eggeling 2291, 3357, 3858, Styles 122. Fl Oct, Nov, Fr June.
Shrub or small understorey tree, recorded in forest of all kinds (10),
widespread.

LAURACEAE

Beilschmiedia ugandensis Rendle
Recorded in S.P. 11; usually in swamp or riverine forest (10).

HERNANDIACEAE

Illigera pentaphylla Welw. Fr Sept.
Synnott 668.
Woody climber along forest edges and road-sides.

MYRISTICACEAE

Pycnanthus angolensis (Welw.) Exell Fr Mar.
Tree, often near swamp or river. Recorded in S.P.11 in swamp forest (10) and
observed in treated old mixed forest.

Staudtia stipitata Warb. Fr Mar.
Eggeling 4253.
Tree, rare, to 30 m, recorded in mature mixed forest (10).

RANUNCULACEAE

Clematis brachiata Thunb. (C. hirsuta Perr. & Guill.)

Sangster 8, Synnott 713.

Fl Oct, Nov, Fr Jan.

Climber along roadsides and forest edges.

Clematis grandiflora DC.

Fl. observed Mar. in R.P. 441, not confirmed.

Semi-woody climber in treated forest.

MENISPERMACEAE

Tiliacora latifolia Troupin

Harris 150, Eggeling 2179, 2225, Synnott 906. Fl Sept, Nov, Fr Apr, Sept.

Liane, frequent in treated forest in Biiso Block; recorded in S.P. 5, mixed forest.

Triclisia sacleuxii (Pierre) Diels

Synnott 1447.

Fr Mar.

Climber collected near R.P. 441, treated forest.

ARISTOLOCHIACEAE

Pararistolochia schweinfurthii (Engl.) Hutch. & J.M. Dalz.

Synnott 924.

Fr Apr.

Collected by R. Sonso on north edge of forest, climber.

PIPERACEAE

Peperomia fernandopoiana DC.

Eggeling 2066, Synnott 1481.

Fl June.

Epiphyte and ground herb in secondary forest, recorded at 1.5-10 m on Caloncoba and Sapium trees (12).

P. rotundifolia (L.) H.B.K.

Eggeling 1465, Synnott 815.

Epiphyte, recorded at 3-18 m height on Celtis wightii, Cynometra and others in several areas of old forest (10, 12).

P. ruwenzoriensis Rendle

Eggeling 2093.

Fl July.

Epiphyte, recorded in old forest areas and at 9-10 m on Celtis, Cynometra and Lasiodiscus trees (10, 12).

P. tetraphylla (Forssk.) Hook & Arn.

Eggeling 2091.

Fl July.

Epiphyte, recorded in old forest areas and at 12 - 30 m on Cynometra and Khaya (10, 12).

Piper guineense Schumach & Thonn.

Synnott 631, 686.

Fl July, Fr Mar, Apr, July, Sept.

Tall, non-woody climber, frequent along tracks and forest margins.

P. umbellatum L.

Synnott 715, 929.

Fl Apr, Oct.

Herb recorded as rare or occasional in S.P.11 in mixed and swamp forest (10); more frequent along tracks and forest margins. Collected also in Pabidi and Rabongo Forests.

TURNERACEAE

Trichoceras pilosum (Willd.) R. Fernandes (Wormskioldia pilosa (Willd.) Urb.)

Eggeling 4305

Fl May.

Annual herb collected near R. Sonso, north of forest.

CAPPARACEAE

Capparis erythrocarpos Isert var. erythrocarpos

Synnott 574.

Fr Mar, May.

Scrambling shrub in old treated forest & on north edge of forest.

Euadenia eminens Hook. f.

Eggeling 2097, 5209.

Fl July, Fr July.

Shrub or small understorey tree.

Maerua duchesnei (De Wild.) F. White Munyirima, Mwirima.

Eggeling 1145, 1452, Dawkins 691, Karani 21, Synnott 1432. Fl Jan-Mar, Fr Apr, May.

Shrub or small understorey tree, widespread in all forest types.

Ritchiea albersii Gilg

Sangster s.n. from R.P. 14.

Small tree, recorded in old mixed and swamp forest (S.P. 7 and 11).

R. aprevaliana (De Wild. & Th. Dur.) Wilczek

Harris 441a, Eggeling 3856.

Fl Jan.

Understorey forest shrub, 1.5m. Not collected elsewhere in Uganda.

VIOLACEAE

Rinorea beniensis Engl.

Muikaraheyere

Eggeling 1582, 2269, 2306, Webb 91, Sangster 4, Styles 70, Synnott 497, 674.

Fl Sept-Nov, Fr Mar, Apr, Sept, Dec.

Frequent shrub or small tree, recorded in understorey in all forest types and abundant in ecotone between Mixed and Cynometra Forest (10).

R. brachypetala (Turcz.) O. Ktze. Muikaraheyere
Eggeling 1435, 2180, 3327, 3618, Dale U. 552, Sangster 10, Synnott 518, 559.
Fl Jan, Apr, Sept, Oct, Dec, Fr Jan, Apr, Jul.
Frequent shrub; important in shrub layer of Mixed Forest and recorded in many types of mature forest (10).

R. sp. nr. R. dentata (P. Beauv.) O. Ktze.
Eggeling 3342. Fl May.
Collected in Siba, small understorey tree.

R. ilicifolia (Oliv.) O. Ktze.
Eggeling 2303, Synnott 844. Fl Nov, Fr Mar.
Small understorey shrub in closed forest.

POLYGALACEAE

Securidaca longipedunculata Fres. Nkondwe
Synnott 533. Fl Mar, Fr Sept.
Woodland tree on stony hills like Busingiro & Little Kasenene, frequent.

S. welwitschii Oliv.
Hancock 6.A (MHU) Fl Sept.
Forest liane 20-24 m long (10), collected in forest near Busingiro.

CRASSULACEAE

Kalanchoe integra (Med.) O. Ktze.
Synnott 1524. Fl Aug.
Succulent herb, in open areas, collected beside main logging road, Waibira block.

CARYOPHYLLACEAE

Drymaria cordata (L.) Roem. & Schult.
Synnott 936. Fl Apr.
Small herb on path through old secondary forest near Busingiro.

Stellaria mannii Hook. f.
Synnott 1334. Fl Dec.
Small herb on path through old treated colonising forest near Busingiro.

POLYGONACEAE

Polygonum salicifolium Willd.
Synnott 1521. Fl Aug.
Herb beside main logging road, Waibira Block.

Rumex nepalensis Spreng.
Eggeling 2113. Fl July.
Herb in forest swamps.

PHYTOLACCACEAE

Hillieria latifolia (Lam.) Walter
Eggeling 1202, 1427.

Fl Apr, May, Sept-Nov.

Widespread forest herb, recorded in Ironwood Forest (10), observed in many closed forest areas.

AMARANTHACEAE

Achyranthes aspera L. var. pubescens (Moq.) C.C. Townsend
Synnott 527.

Fl & Fr Mar, Apr.

Forest herb, occasional in young forest near Busingiro, and recorded in several other forest types.

Aerva lanata (L.) Schultes
Synnott 841, 935.

Fl Mar, Apr.

Herb on roadsides and footpaths.

Amaranthus hybridus L.

Herb, usually an agricultural weed, recorded in old Cynometra forest (10).

Cyathula achyranthoides (Kunth) Moq.
Eggeling 2286.

Fl Nov.

Forest herb, usually along paths or roadsides.

C. prostrata (L.) Blume

Sangster 202, Synnott 701, 809.

Fl Oct, Fr Feb, Oct.

Herb in closed colonising, secondary or old forest, and along roads and paths, locally frequent.

Psilotrichum majus Peter

Eggeling 1426, Synnott 1112.

Fl Sept, Fr Aug.

Perennial forest herb or subshrub, in closed forest.

Sericostachys scandens Gilg & Lopr.

Rolfe F.D. 450, Synnott 1096.

Fl Jan.

Perennial, scandent or scrambling climber over forest trees and shrubs, up to 20 m long.

BASELLACEAE

Basella alba L.

Synnott 1506.

Fl Aug.

Herbaceous climber by stream and forest road.

OXALIDACEAE

Biophytum abyssinicum A. Rich.

Miller 590, Hancock 5A, Synnott 1316.

Fl Aug-Nov.

In open or wooded grassland; frequent at Busingiro Rest House.

B. petersianum Klotzsch
Miller 594, Synnott 840. Fl Mar, Aug, Sept.
Herb in open grassland, woodland, roadsides and weed of cultivation.

Oxalis corniculata L. var. corniculata Bumyumbuzi
Eggeling 1573, Synnott 1494. Fl Aug, Dec.
Herb at Busingiro Rest House; weed of cultivation and roadsides.

BALSAMINACEAE

Impatiens burtonii Hook. f.
Synnott 732. Fl Nov.
Herb collected beside road through Nature Reserve near R. Kamirambwa.

I. hochstetteri Warb.
Synnott 691. Fl Oct.
Herb locally abundant on footpaths in closed forest, collected near R.P. 6.

I. niamniamensis Gilg
Synnott 628. Fl July.
Collected in recently felled old forest, Cpt. 26, Waibira block. Recorded as occasional in S.P. 11, Swamp forest (10).

ONAGRACEAE

Ludwigia abyssinica A. Rich.
Synnott 1519. Fl Aug.
Collected beside main logging road, Waibira block.

CALLITRICHACEAE

Callitriche stagnalis Scop.
Eggeling 2099. Fl June.
Water plant in forest swamps, collected from R. Lwenti.

THYMELAEACEAE

Craterosiphon beniense Domke
Eggeling 1720, 2005. Fl May.
Scandent shrub in forest.

Dicranolepis incisa A. Robyns
Eggeling 1373, 1428, 4050. Fl Aug, Sept.
Understorey shrub in forest.

Peddiea sp.
Synnott 1314. Fr Oct.
Spindly understorey shrub in closed treated forest, R.P. 6.

NYCTAGINACEAE

Pisonia aculeata L.

Synnott 1329.

Fr Dec.

Woody climber or climbing shrub, 10-20 m long, found in closed forest areas, treated and mature untreated forest.

DILLENACEAE

Tetracera potatoria G. Don

Synnott 821.

Fr Jan, Feb.

Small woody climber or straggling shrub in colonising forest or treated logged forest, near Busingiro.

PITTOSPORACEAE

Pittosporum sp.

Recorded in S.P. 1, 4, 11 (10), uncommon small forest tree.

FLACOURTACEAE

Caloncoba crepiniana (De Wild. & Th. Dur.) Gilg

Muhekeheke

Eggeling 1152, Hamilton 448, 710, 957, Styles 327.

Fl Jan-Mar, Dec, Fr

Apr-Sept.

Tree, frequent in forest edges, closed woodland forest, in the understorey of colonising forest, and sometimes in old forest (S.P. 1, 2, 3, 4, 7), now widespread in logged treated forest. Deciduous.

Casearia runssorica Gilg

Eggeling 1728, 2033, 3459.

Fl May, Fr Jan.

Uncommon small or medium sized forest tree.

Dasylepis eggelingii J.B. Gillett

Eggeling 2111

Understorey shrub or small forest tree.

Dovyalis macrocalyx Warb.

Harris 101, Eggeling 1617, 1622, Synnott 545, 552, 820. Fl Feb, Apr, Fr Apr.

Understorey shrub. Recorded in colonising and mixed forest (10). Occasional throughout southern Budongo.

D. spinosissima Gilg

Understorey shrub, recorded frequent in colonising Maesopsis forest (10).

D. zenkeri Gilg

Eggeling 2112.

Fl & Fr July.

Shrub in forest edges and open forest.

Flacourtia indica (Burm. f.) Merrill

Eggeling 3347

Tree, recorded in S.P. 4 (10).

Lindackeria bukobensis Gilg

Harris 74, 93, Eggeling 3591, 3616, Synnott 1525. Fl Mar-May, Fr Aug(-Nov?)
Understorey forest tree, occasional but widespread.

L. schweinfurthii Gilg

Eggeling 2288, Synnott 551, 754, 762. Fl Apr, Nov, Fr Nov.
Forest tree or shrub, recorded and collected in old undisturbed forest.

Oncoba spinosa Forssk.

Synnott 679. Fl Mar, Fr Sept.
Tree or shrub of forest edges, riverine forest or bushland (19). Collected in Siba Block, and in Budongo Rest House garden (Synnott 1466).

Rawsonia lucida Harv. & Sond.

Eggeling 3589, Karani K34. Fl Apr, Fr May.
Rainforest shrub or tree.

CANELLACEAE

Warburgia ugandensis Sprague

Musizambuzi

Forest tree reported occasional in Nyakafunjo Block.

PASSIFLORACEAE

Adenia rumicifolia Engl.

Synnott 572, 622. Fl May, July.

Climber of forest edges, riverine forest and thicket (19). Collected in old disturbed forest, including R.P. 441.

A. reticulata (De Wild. & T. Dur.) Engl.

Synnott 1341. Fr Dec.

Woody climber, collected by main forest road through Waibira block. Occurs in rainforest and riverine forest (19).

A. venenata Forssk.

Purseglove 1290.

Collected at Bujenje, a shrub or climber in wooded grassland (19).

Paropsia guineensis Oliv.

Forest School 10.

Collected in Siba block, and recorded in R.P. 7, as small tree. Occurs in rainforest and riverine forest, often as an understorey shrub.

CUCURBITACEAE

Coccinea adoensis (A. Rich.) Cogn.

Synnott 819, 1437. Fl Feb-Apr.

Perennial climber, collected on roadside and colonising forest edges. Widespread elsewhere in deciduous woodland, bushland and thickets and in wooded grassland and grassland. Perennial woody rootstock with annual herbaceous stem.

C. barteri (Hook. f.) Keay

Synnott 603.

Fl May.

Perennial climber with herbaceous stem, in disturbed old forest.

C. grandis (L.) Voigt

Synnott 1516.

Fl Aug.

Perennial climber collected beside main forest road, in forest edge.

C. subsessiliflora Cogn.

Synnott 1322.

Fl Dec.

Climber with herbaceous stem collected beside main forest road. C. sp. D of F.T.E.A.

Momordica charantia L.

Synnott 1318.

Fl Dec.

Climber beside old forest road. Annual with herbaceous stem.

M. foetida Schumach

Synnott 730, 740, 810.

Fl Feb, Nov, Fr Oct.

Perennial herbaceous climber, beside old forest roads, in forest edges and clearings.

M. sp.

Synnott 1518.

Fl Aug.

Climber beside main forest road.

Raphidiocystis jeffreyana R. & A. Fernandes

Eggeling 1430

Herbaceous climber collected near River Waisoke.

Telfairia occidentalis Hook. f.

Imira

Bagshawe 1501, Synnott 756, 780.

Fr Feb, Nov, Dec.

Collected in old, undisturbed forest, mainly riparian. Perennial, herbaceous stem several metres long, with swollen stem-base. A species of old lowland tropical rainforest. These are the only records from East Africa.

Zehneria capillacea (Schum.) Jeffr.

Synnott 1342.

Fr Dec.

Herbaceous climber beside old forest road.

Z. scabra (L.f.) Sond.

Synnott 664.

Fr Sept.

Perennial herbaceous climber in old disturbed forest, probably also in forest edges and closed woodland.

BEGONIACEAE

Begonia eminii Warb.

Eggeling 2014, 2082, Synnott 646.

Fl and Fr May, June, Aug.

Herb, sometimes epiphytic, sometimes partially climbing, in secondary, mixed and swamp forest.

CACTACEAE

Rhipsalis baccifera (J. Mill.) W.T. Stearn

Eggeling 2171.

Fl Sept, Fr Apr.

Herbaceous epiphyte, intolerant of heavy shade, recorded at 18-34 m height in several tree species in many forest types. Frequent and widespread.

OCHNACEAE

Ochna bracteosa Rob. & Law.

Harris 152, Brasnett FD242, Synnott 708, 729.

Fl and Fr Oct, Nov.

Small, woody subshrub in the understorey of closed forest.

O. membranacea Oliv.

Small tree, recorded in colonising forest with Maesopsis.

O. monantha Gilg

Eggeling 1608.

Shrub, collected in thickets

Ouratea densiflora De Wild. & T. Dur.

Harris 41, Eggeling 1179, Sangster 112, Synnott 490, 528, 1343. Fl Mar, Dec, Fr Jan, Mar, Apr.

Understorey shrub widespread in mature and old forest.

O. hiernii (Van Tiegh.) Exell

Sangster 94, Dawkins 548.

Fl Mar, Apr.

Rare understorey tree in Mixed Forest.

O. morsonii Hutch. and Dalz. (?)

Eggeling 4255.

Fl Apr.

Understorey tree.

MYRTACEAE

Syzygium guineense (Willd.) DC.

Eggeling 3824.

Fl Jan, Fr May.

Large tree on forest edge near Buchananana, producing fruits eaten by chimpanzees.

MELASTOMATACEAE

Dissotis perkinsiae Gilg

Synnott 883.

Fl Apr.

Woody herb in wooded grassland near forest edge, Busingiro.

D. speciosa Taub.

Brasnett FD150.

Fl Sept.

Woody herb or subshrub in "savanna, elephant grass etc." on Busingiro Hill.

Melastomastrum capitatum (Vahl) A. & R. Fernandes
Sangster 157. Fl Sept.
Low herb, occurs typically on edges of lowland rainforest.

Memecylon jasminoides Gilg
Harris 99, Eggeling 1984, Synnott 534, 569. Fl Apr, Fr Apr, May.
Understorey shrub or small tree in closed forest of many types.

COMBRETACEAE

Combretum collinum Fres. subsp. binderanum (Kotschy) Okafor
Eggeling 1175, Synnott 487. Fl Mar, Fr July-Dec.
Frequent tree in wooded grassland around Budongo, and on hills such as Busingiro and Little Kasenene.

C. molle G. Don Omurama
Eggeling 1170, 1479, Synnott 1421. Fl Jan, Fr Sept-Dec.
Frequent small tree in wooded grassland and on hills around Budongo.

C. paniculatum Vent. subsp. paniculatum
Bagshawe 1462 collected near Hoima, typically occurs in forest margins, in areas of woodland with higher rainfall and in riverine forest, so probably occurs in Budongo. Twining, woody climber.

C. racemosum P. Beauv.
Hall 51, Purseglove 1093, Synnott 798. Fl Jan, Feb, Dec, Fr Feb.
Woody climber on forest edges along roads, in riverine forest and secondary bush.

C. rhodanthum Engl. & Diels
Eggeling 1602, Synnott 511, 1428. Fl Jan, Feb, Fr Feb.
Woody climber, sometimes over 15 m long, on forest edges and in young or colonising forest.

Terminalia brownii Fres. Museta
Eggeling 2047, Harris 132. Fr Sept.
Woodland tree, collected on top of scarp west of Budongo, and reported in woodland southwest of Busingiro. Deciduous.

T. glaucescens Benth. Mukara
Eggeling 1161, 1232, Synnott 1107. Fl Apr, May, Fr July-Sept.
Frequent, large woodland tree, around Budongo and on hills, and occurring as very large old relicts in closed woodland and colonising forest. Mainly leafless in dry season from January to March; bark-peeling by elephants is mainly concentrated during period of regrowth of foliage (3).

T. mollis Laws.
Harris 76 = FD461. Fl Mar.
Woodland tree, collected on Busingiro Hill.

RHIZOPHORACEAE

Cassipourea gummiflua Tul. var. ugandensis (Stapf) J. Lewis
Reported by Eggeling as small trees in closed forest.

C. ruwensorensis (Engl.) Alston
Greenway and Eggeling 7348, Forest School 16. Fl Jan, Apr.
Trees, collected in closed forest in Siba.

GUTTIFERAE

Harungana madagascariensis Poir.
Eggeling 1551, 2182, Synnott 665. Fl Sept, Dec, Fr Dec.
Small tree on forest edges and colonising or secondary forest.

Mammea africana Sabine
Eggeling 4979. Fl and Fr Feb.
Rare tree of old mixed forest.

Psorospermum febrifugum Spach var. ferrugineum (Hook. f.)
Keay and Milne-Redh. Kaitankuku
Harris 79. Fl Mar.
Shrub or tree to 5 m in wooded grassland and stony hills.

TILIACEAE

Desplatsia chrysochlamys (Mildbr. & Burret) Mildbr. & Burret
Hamilton 699, Eggeling 1234, Dawkins 557. Fl Apr, May, Fr Apr, July.
Rare shrub or small forest tree, collected in old colonising forest.

D. dewevrei (De Wild. & T. Dur.) Burret Mukoma-nyakabito
Eggeling 1464, 1607, 2131, Hamilton 706, Synnott 621. Fl Feb, Mar, Dec, Fr
July, Dec.
Small forest tree, deciduous.

Glyphaea brevis (Spreng.) Monachino Mukoma-nyakabito
Karani 31, Synnott 500, 607. Fl Mar-May, Fr Aug, Dec.
Small forest tree, in swamp forest, near rivers, and now widespread in logged
forest.

Grewia calymmatosepala K. Schum.
Synnott 1313, 1495. Fr Aug, Oct.
Small tree, found on roadside through Nature Reserve and understorey shrub or
tree in old secondary forest, R.P. 6.

G. floribunda Mast.
Harris 120, Eggeling 2110, Sangster 141, Purseglove 1583, Byabainazi 25.
Fl May-July.
Small tree, shrub or climber.

- G. mollis Juss. Mukoma, Mukomakoma
Eggeling 1171, Synnott 1083. Fl Mar, July, Fr July.
Large shrub in woodland and on hills like Busingiro.
- G. pubescens P. Beauv.
F.D. 116, Eggeling 2018, Synnott 703. Fl May, Oct, Fr Oct, Nov.
Straggling shrub in colonising and secondary forest.
- G. trichocarpa A. Rich. Mukoma, Mukomakoma
Synnott 537. Fl Mar.
Shrub in woodland at Busingiro.
- Triumfetta cordifolia A. Rich.
Synnott 733, 752a. Fl Nov.
Shrub in closed woodland, and roadsides.
- T. rhomboidea Jacq.
Synnott 1116. Fl and Fr Aug.
Shrub collected on roadside in young forest.

STERCULIACEAE

- Byttneria catalpifolia Jacq. subsp. africana (Mast.) Exell & Mendonsa
Eggeling 3835, Karani 1/68, Synnott 678, 724, 1115. Fl Aug, Fr Sept-Nov.
Tall liane in colonising forest and in secondary (logged, treated) forest.
- Cola gigantea A. Chev. Omujugangoma
Harris 46, Eggeling 1612. Fl Jan, Feb, Fr Apr, May.
Forest tree, found in all forest types in Budongo, but regenerating mainly in
young forest or forest edges. Leafless for brief period during dry season.
- Dombeya burgessiae Gerrard
Synnott 879. Fl Apr.
Shrub to 3 m on forest edges.
- D. dawei Sprague
Eggeling 1450, 3456.
Shrub on forest edge.
- D. kirkii Mast. Mukole
Harris 140, Eggeling 1188, 1565, Sangster 2, Synnott 672. Fl Jan, Sept, Oct.
Small tree found in colonising forest and closed woodland, and on forest edges.
- Leptonychia mildbraedii Engl.
Eggeling 1621. Fl Feb.
Small forest tree, recorded in swamp forest and old mixed forest.
- Pterygota mildbraedii Engl. Mukoko
Harris 165, Eggeling 1609. Fl Feb, Nov, Fr Feb.
Forest tree, found mainly in young and colonising forest.

Sterculia dawei Sprague

Styles 84.

Fr July.

Forest tree, recorded in swamp forest and mature mixed forest.

BOMBACACEAE

Bombax buonopozense P. Beauv. subsp. reflexum (Sprague) A. Robyns Omulimbi
Eggeling 1458, Sangster 168. Fl Nov, Dec, Fr May.

Large forest tree, recorded over 60 m high. Mainly in swamp and riparian forest, also in colonising and treated forest and on forest edges. Flowers often eaten by chimpanzees.

MALVACEAE

Hibiscus calyphyllus Cav.

Synnott 707, 835.

Fl Mar, Oct.

Shrub to 5 m in colonising forest of various kinds, closed woodland and on forest roadsides. Frequent. (10).

H. rostellatus Guill. et Perr.

Synnott 711.

Fl Oct.

Clambering shrub to 4 m, beside old forest road, Biiso block.

Kosteletzkya begoniifolia (Ulbr.) Ulbr.

Synnott 913.

Fl Apr.

Semi-woody subshrub to 1 m in Terminalia woodland in Kitigo area.

Pavonia urens Cav. var. glabrescens (Ulbr.) Brenan

Synnott 1442.

Fl Mar.

Small subshrub growing beside old road through Nature Reserve, on forest edge.

Sida acuta Burm. f.

Synnott 1429.

Fl Feb.

Small plant on forest road in Biiso Block.

S. rhombifolia L.

Eggeling 2294, Brasnett 243.

Muchusia

Fl Nov.

Collected in Budongo, a small plant typical of roadsides and disturbed areas.

Urena lobata L.

Synnott 761.

Fl Nov.

Woody subshrub growing on open, grazed forest road, by R. Bokwe, Waibira block.

Wissadula periplocifolia (L.) Thwaites

Synnott 1336.

Fl Dec.

Semi-woody shrub to 2 m in gap in colonising forest and on forest edge, Busingiro.

LINACEAE

Hugonia platysepala Oliv.

Eggeling 3619, Synnott 553, 1491.

Fl Apr, Fr June.

Woody climber, growing on forest edge along old road through Nature Reserve.

EUPHORBIACEAE

Acalypha acrogyna Pax

Synnott 900.

Fl Apr.

Small shrub collected in open forest by stream near Busingiro Hill.

A. bipartita Muell. Arg.

Synnott 772, 829.

Fl Mar, Apr, Nov.

Small shrub collected beside R. Sonso and on roadside.

A. brachystachya Hornem.

Synnott 632.

Fl and Fr July.

Herb collected on footpath in old logged, treated forest. Reported elsewhere in cultivated field, forest edges and wooded grassland.

A. neptunica Muell. Arg.

Brasnett 151, Lye 4015; Synnott 529, 531, 636, 825, 1111, 1350, 1611.

Fl and/or Fr Feb-Apr, July-Sept, Dec.

Scrambling shrub on roadsides and in young or old, disturbed or undisturbed forest. Widespread and abundant.

A. ornata Hochst. ex A. Rich.

Dawkins 560, Synnott 548, 571, 831.

Fl Mar-May, Fr Apr, May.

Shrub, mainly in disturbed forest, roadsides or forest edges, e.g. around Busingiro.

A. racemosa Baill.

Synnott 618, 922.

Fl Apr, July, Fr July.

Straggling shrub 1-2 m collected on roadside near R.P. 441, in disturbed forest, and on footpath by R. Sonso, Kitigo area.

A. villicaulis Hochst. ex A. Rich.

Synnott 832, 912.

Fl Mar, Apr.

Herb 30-50 cm in grassland, Busingiro Hill.

Alchornea cordifolia (Schumach. & Thonn.) Muell. Arg.

Synnott 525.

Fl Feb.

Large scrambling shrub collected beside stream between Masindi and Nyabyeya, so probably occurs in Budongo.

A. floribunda Muell. Arg.

Harris 54,

Fl Feb.

Understorey forest shrub.

A. laxiflora (Benth.) Pax & K. Hoffm.

Harris 47, Eggeling 1623, Dawkins 558, Synnott 830, 1468. Fl Feb-Apr, Fr Mar.
Shrub or small tree, widespread, frequent in all forest communities from colonising forest to old mixed or Cynometra forest, where it may be abundant in understorey.

Antidesma laciniatum Muell. Arg. var. membranaceum Muell. Arg. Musongo

Harris 91, Eggeling 2067, 3045.

Fl May, June.

Understorey shrub or small tree, collected in colonising forest and swamp forest.

A. membranaceum Muell. Arg.

Eggeling 1146, 2195, Katende K16/68.

Fl Mar, Fr Sept.

Understorey shrub.

A. venosum E. Mey. ex Tul.

Synnott 659.

Fr Sept.

Tree on forest edge near Busingiro Hill.

Argomuelleria macrophylla Pax Laka

Eggeling 1563, Synnott 573, 814.

Fl Feb, Apr, Nov, Dec, Fr Apr, May.

Small shrub, widespread, often frequent, in all forest communities.

Bridelia atroviridis Muell. Arg.

Sangster 119, Synnott 875.

Fl Apr, May.

Small tree, collected in thicket, Nature Reserve.

B. micrantha (Hochst.) Baill.

Kalazamuti

Synnott 1085

Fr July

Small stilt-rooted tree in colonising forest, treated forest and swamp forest.

B. scleroneura Muell. Arg.

Synnott 1089.

Fl July.

Straggling shrub in woodland on hills including Busingiro and Little Kasenene.

Cleistanthus polystachyus Hook. f. ex Planch.

Eggeling 3081.

Shrub or small tree, usually confined to swamp or riparian forest, in Budongo (10).

Croton macrostachyus Hochst. ex Del.

Eggeling 3069.

Fr July.

Collected in Siba, and recorded in colonising and swamp forest sample plots. A small tree, sometimes substantial with broad crown, in open or colonising forest, but not as frequent in Budongo forest edges as C. sylvaticus.

C. megalocarpus Hutch.

Eggeling 1568, 1981, 2237.

Fl Apr, Dec, Fr Dec.

"Uncommon second-storey tree in the Bunyoro forests" (13) and collected in old Mixed Forest.

- C. sylvaticus Hochst. ex Krauss Munonko, Mubogo
Harris H90; Eggeling 1185, 3058, 3071; Styles 94, Synnott 606, 687, 1528.
Fl Apr, May, Fr Aug-Oct.
Small or medium-sized tree, often in forest edges, on roadsides and in logged forest, but also in some old forest.
- Crotonogynopsis usambarica Pax
Eggeling 3826
Small forest tree.
- Discoclaoxylon hexandrum (Muell. Arg.) Pax & Hoffm.
Eggeling 5259 Fl Apr.
Uncommon understory tree to 7 m in closed forest.
- Discoglyprena caloneura (Pax) Prain
Dawkins 890. Fl Apr.
Collected in RP 53, Waibira Block, but reported by Katende to be not uncommon, deciduous upper storey tree to 45 m. This species extends across Zaire to W. Africa, where it is characteristic of openings in canopy, with Musanga and Trema in Nigeria.
- Drypetes bipindensis (Pax) Hutch.
Eggeling 5291 Fl May.
Forest tree.
- D. gerrardii Hutch. var. grandifolia Radc. Sm.
Eggeling 1580. Fl Jan.
Tree to 30 m in old forest, rare in Budongo.
- D. ugandensis (Rendle) Hutch.
Eggeling 3078, 5588. Fr Feb, July.
A small or middle-storey tree, reported by Eggeling mainly in old and Mixed Forest.
- Erythrococca trichogyne (Muell. Arg.) Prain
Eggeling 1167, Katende K5/68, Synnott 874, 1612. Fl Mar, Sept, Fr Apr.
Shrub, mainly on forest edges and roadsides.
- Euphorbia candelabrum Kotschy
Eggeling 1633.
Tree in woodlands near the forest.
- E. heterophylla L.
Synnott 576. Fl May.
Herb in grassland near forest edge at Busingiro.
- E. hirta L.
Sangster 179 Fl & Fr Nov.
Creeping herb in forest.
- E. teke Schweinf. ex Pax
Greenway & Eggeling 7048.
Forest shrub or tree, usually confined to swamp or riparian forest in Budongo (10).

- Hymenocardia acida Tul. Mutatatakubebe
Eggeling 1174, Synnott 907 Fl Mar, Fr Aug, Sept.
Tree in woodland on hills e.g. Busingiro, Little Kasenene.
- Macaranga schweinfurthii Pax
Eggeling 3523
Tree recorded as usually confined to swamp and riparian forest in Budongo (10).
- Mallotus oppositifolius (Geiseler) Muell. Arg. forma glabratus Muell. Arg.
Eggeling 1999, 2028; Synnott 630. Fl May, Fr May, July.
Small forest tree.
- Margaritaria discoidea (Baill.) Webster Mwangara
Eggeling 3460, Styles 83, Synnott 1508. Fr Jan, Aug, Sept.
Tree in thickets, closed woodland, colonising forest and sometimes in larger sizes in older mixed forest. Deciduous. (= Phyllanthus discoideus)
- Microdesmis puberula Hook. f.
Harris 149, Eggeling 1451, 1555. Fl Nov, Dec.
Understorey shrub found occasionally in old closed forest.
- Neoboutonia melleri (Muell. Arg.) Prain
Synnott 601. Fl, young Fr, May.
Tree to 7 m, collected once in wet valley forest in central Budongo.
- Phyllanthus capillaris Schumach. & Thonn.
Sangster 7. Fl Oct.
Shrub, usually in wooded grassland, collected in Siba block.
- P. inflatus Hutch.
Small forest tree.
- P. ovalifolius Forssk.
Synnott 928. Fl Apr.
Semi-woody shrub growing on forest edge near Busingiro.
- P. polyanthus Pax
Eggeling 3961, F.D. 17, Webb 162. Fr Feb, May, July.
Small understorey tree, occasional, in mixed forest.
- Ricinodendron heudelotii (Baill.) Pierre ex Pax Musodo
Harris 167, Eggeling 1181. Fl Mar, Fr Apr, Aug-Nov.
Large forest tree recorded in old mixed forest, and frequent in logged and treated forest. Deciduous.
- Sapium ellipticum (Krauss) Pax
Fl and Fr Mar.
Tree in closed woodland and colonising forest, frequent and often exceeding 40 cm diam. in old colonising forest. Sometimes found in riverine and swamp forest. Not usually found in regularly burned woodland, but typical of woodland developing into forest after protection from fire. Not common now in logged and treated forest.

Securinega virosa (Roxb. ex Willd.) Baill. Rubwera
Harris 65, Synnott 921. Fl Mar, Fr Apr.
Straggling shrub on forest edges and closed woodland.

Spondianthus preussii Engl. var. glaber (Engl.) Engl. Fl Jan.
Eggeling 3065, 3467.
Uncommon tree up to c. 50 cm diam. almost entirely confined to swamp and riverine forest. Deciduous.

Suregada procera (Prain) Croizat
Eggeling 3048, Styles 74. Fl Mar, Fr Sept.
Understorey trees recorded occasionally in colonising and mixed forest, but not in old Cynometra forest.

Tetrorchidium didymostemon (Baill.) Pax & K. Hoffm.
Recorded once in swamp forest in S.P.11, (10); a middle-storey forest tree.

Thecacoris lucida (Pax) Hutch. Wamatavali
Eggeling 1616, 3620. Fl Feb, Apr.
Shrub, locally abundant in old Cynometra forest.

Tragia brevipes Pax
Tall climber with stinging hairs, reported in colonising forest.

CHRYSOBALANACEAE

Parinari excelsa Sabine subsp. holstii (Engl.) R. Grah. Mubara
Harris 125. Fl June.
Large forest tree, very rare in Budongo.

ROSACEAE

Prunus africana (Hook. f.) Kalkm. Ntasesa
Eggeling 1459. Fl Dec, Fr Feb.
Forest tree, sometimes exceeding 50 cm diam., occasional, usually developing in open or colonising forest.

Rubus niveus Thunb.
Synnott 904, 1084. Fl Apr, Fr July.
Scrambling shrub along forest edge, Busingiro.

R. pinnatus Willd.
Synnott 1444, 1496. Fr Mar, Aug.
Scrambling shrub collected on forest edge beside road through Nyakafunjo block.

DICHAPETALACEAE

Dichapetalum angolense Chod.
Harris 170 (=FD1130) Fl Nov.
Shrub or small tree collected at Busingiro.

D. ugandense M.B. Moss

Eggeling 1147, 3008, Dawkins 546.

Fl Apr, May.

Forest climber or straggling shrub, occasional in old mixed forest and Cynometra forest, e.g. S.P. 5.

Tapura fischeri Engl.

Mwangara

Eggeling 1158, 3076, 3462, Karani K33.

Fl Mar-May, Dec, Fr July.

Understorey shrub or small tree, occasional in all forest types.

LEGUMINOSAE, CAESALPINIOIDEAE

Caesalpinia decapatala (Roth) Alston

Synnott 1502.

Fl and Fr Aug.

Scrambling hedge plant, Mauritius Thorn, exotic, locally naturalised on forest edge.

Cassia bicapsularis L.

Synnott 524, 807.

Fl and Fr Feb.

Small woody climber in closed woodland and colonising forest edges.

C. didymobtrya Fres.

Fl Aug.

Shrub observed on roadside in logged forest. Unconfirmed.

C. kirkii Oliv. var. guineensis Steyaert

Loveridge 146.

Annual herb in grassland, forest edges and clearings, collected near Budongo.

C. manni Oliv.

Ntanyenya

Eggeling 1421, 1605.

Fl Feb, Fr Sept.

Forest tree to 25 m collected in colonising forest. Rare in Budongo. Deciduous.

C. petersiana Bolle

Byako

Eggeling 2161, 2276.

Fl and Fr Nov.

Shrub or small tree, collected in woodland on Press Hill, Budongo.

C. spectabilis DC.

Fl Apr-Oct, Fr Oct-Mar.

Tree, commonly planted as an ornamental, now naturalised widely in colonising forest and forest edges.

Cynometra alexandri C.H. Wright

Muhimbi

Eggeling 1168, 1570, 2139, 2165, Sangster 149.

Fl July, Aug, Fr Jan-Mar.

Large tree, the most abundant tree species in the forest before logging, previously forming more than half of the large timber-sized trees (8). It occupies most of the forest canopy in the oldest parts of Budongo, with abundant regeneration and understorey trees of all sizes. Seedlings and saplings occur in old colonising forest, and larger trees form an increasing proportion of the stand in older mixed forest and the dominant component of the oldest areas. Silvicultural treatments have selected against this species in the selectively logged and treated areas where it is now less abundant. Not completely deciduous but often heavy leaf fall in Dec-Jan dry season and occasional extensive defoliation by insects.

Dialium excelsum Steyaert
Eggeling 2136, 3968, Synnott 1471. Fr Mar, Aug.
Forest tree, uncommon in old mixed and Cynometra forest and in logged forest.
Deciduous.

Erythrophleum suaveolens (Guill. & Perr.) Brenan Mumara
Eggeling 1180, 2246, 3812, Styles 50, 341. Fl Jan-Mar, Fr Aug-Oct.
Forest tree, found mainly as a small tree in colonising forest and occasionally
in old gaps and as a large canopy tree in old mixed forest. Briefly leafless in
dry season around December.

Mildbraediiodendrom excelsum Harms Muyati
Eggeling 1407, 1567, Styles 49. Fl Sept, Dec, Fr Sept.
Large forest tree, a frequent emergent in old mixed forest, also found
occasionally in Cynometra forest. Briefly leafless in dry season around
December.

Piliostigma thonningii (Schumach.) Milne-Redh. Mugali, Omugare
Synnott 519. Fl June, Fr Jan, Feb.
Spreading small tree in wooded grassland and on wooded hills around Budongo.

LEGUMINOSAE, MIMOSOIDEAE

Acacia hockii De Wild.
Eggeling 1177 Fl July-Nov.
Frequent small tree in annually burned wooded grassland and closed woodland
around Biiso block and on rocky hills, e.g. Little Kasenene, Busingiro.

A. pentagona (Schumach. & Thonn.) Hook. f. Fl Aug.
This or a similar species reported as a tall climber in old mixed forest and on
forest edges.

A. polyacantha Willd. subsp. campylacantha (Hochst. ex A. Rich.) Brenan
Mugu, Omugo
Small trees and shrubs in wooded grassland, reported in small groups around
Biiso block.

A. sieberiana DC. Muwawa, Mweramenyo
Eggeling 1635
Tree in wooded grassland around Biiso and Busingiro hill.

Albizia coriaria Oliv. Musisa
Eggeling 1159 Fl Mar.
A spreading tree in woodland and wooded grassland, found around the western
margins of Budongo, and occasionally also in closed forest, perhaps as a relict
of previous woodland (10). Deciduous.

A. ferruginea (Guill. & Perr.) Benth. Muchole
Harris 72, Eggeling 1153 Fl Mar.
A tree of woodland and young closed forest. Deciduous.

A. glaberrima (Schumach. & Thonn.) Benth. var. glaberrima
Eggeling 3615, Styles 80.
A forest tree, uncommon in Budongo, mainly in forest edges. Deciduous.

A. grandibracteata Taub.

Eggeling 1207, Synnott 926.

A woodland tree, frequent on Busingiro and Little Kasenene hills in wooded grassland. Deciduous.

Omurongo

Fl Apr.

A. grandibracteata Taub. x gummifera (J.F. Gmel.) C.A. Sm.

Harris 127.

Forest tree to 30 m, mainly on forest edges. This hybrid is recorded from Budongo (19), but A. gummifera has not been recorded.

A. zygia (DC.) Macbr.

Harris 66, Eggeling 1149, 3044

Mulongo

Fl Mar, June.

A large tree found in wooded grassland, closed woodland and colonising forest. Seedlings are often abundant in woodland protected from fire and in young forest, and large old trees are occasionally found in mature forest. Like some other Albizia species, this can form a spreading woodland tree in regularly burned woodland or a typical tall forest tree in well developed forest. Deciduous.

Cathormium altissimum (Hook. f.) Hutch. & Dandy

Harris 166, Eggeling 1480, 3466.

A small forest tree, usually found in swamp or riparian forest (Eggeling), occasionally in forest edges. Deciduous.

Muchole

Fl Jan, Fr Jan, Nov.

Dichrostachys cinerea (L.) Wight & Arn. subsp. cinerea

Synnott 516, 1503.

Fl May, Fr Jan, Nov.

An armed shrub or straggling tree, found on forest edges, roadsides, near rivers, and in swamp forest, not in closed forest under shade.

Entada abyssinica A. Rich.

Fr Sept, Oct.

A small tree of woodland and wooded grassland, frequent around southern and western forest areas. Deciduous.

E. pursaetha DC.

A large forest liane, recorded by Eggeling as a characteristic liane of 20-24 m and in SP 8 but not recorded in recent years. Probably mainly confined to very old forest or long-established riverine forest.

Newtonia buchananii (Bak.) Gilb. & Bout.

Forest tree, mentioned in some reports on Budongo, in error, mistaken for Piptadeniastrum.

Parkia filicoidea Oliv.

Harris 86.

Fl Jan, Feb, Fr May.

Recorded by Eggeling as almost entirely confined to swamp and riparian forest; found also in the forests resulting from logging and treatment.

Piptadeniastrum africanum (Hook. f.) Brenan

Harris 126, Eggeling 1230, 2249

Mugeye

Fl May, Fr Feb-June.

A large tree in old closed forest, probably regenerating mainly in colonising forest or in openings, and also in logged and treated forests. Deciduous.

Tetrapleura tetraptera (Schum. & Thonn.) Taub.

Eggeling 1137.

Mucholi, Numava musaja

Fl Mar, Fr Jan-Mar, Oct-Dec.

A small or medium size forest tree, found in Nyakafunjo Nature Reserve, in old colonising forest and mature mixed forest but not typical of the oldest undisturbed forests. Deciduous.

LEGUMINOSAE, PAPILIONOIDEAE

Abrus precatorius L. subsp. africanus Verdc.

Fr Feb, Mar.

A small climber found frequently in colonising forest, roadsides and thickets.

A. pulchellus Thw. subsp. tenuiflorus (Benth.) Verdc.

Harris 146, Synnott 1333.

Fl Nov, Dec.

Small climber in colonising and secondary forest near Busingiro.

Baphia wollastonii Bak. f.

Murungurungu

Harris 52, Eggeling 1191, Synnott 768.

Fl Feb-May, Nov, Fr Apr, Nov.

A small forest tree, found in the understorey of old mixed forest and in swamp or riverine forest.

Canavalia virosa (Roxb.) Wight & Arn.

Synnott 685, 914.

Fl and Fr Sept.

Semi-woody subshrub in woodland and forest edge, and disturbed areas.

Craibia brownii Dunn

Eggeling 4255, 5258

Fl Apr.

Small forest tree, uncommon in Budongo.

Crotalaria alata D. Don

Synnott 893, 930.

Fl and Fr Apr.

Herb on forest edge, Busingiro.

Dalbergia melanoxydon Guill. & Perr.

Dawe 793

A tree of woodland and wooded grassland, collected near Budongo, rare. Deciduous.

Desmodium adscendens (Sw.) DC.

Dawkins 559, Synnott 854.

Fl Mar, Apr.

Herb to 1 m in young forest and small gaps in forest, and widespread on old roads with mixed herbaceous cover; collected near Busingiro.

D. gangeticum (L.) DC.

Synnott 1311.

Fl Oct.

Trailing herb in closed woodland, Busingiro.

D. velutinum (Willd.) DC.

Synnott 611, 660, 1067.

Fl May-Sept, Fr June-Sept.

Woody herb or small shrub in closed woodland and forest edges, Busingiro.

Dolichos sericeus E. Mey. subsp. glabrescens Verdc. (?)

Synnott 501.

Fl and Fr Dec.

Thin twining herb on roadside in secondary forest.

Eriosema flemingioides Bak.

Loveridge 135.

Small shrub in wooded grassland.

E. psoraleoides (Lam.) G. Don

Synnott 1090.

Fl July.

Woody herb in grassland near forest edge, Busingiro.

Erythrina abyssinica DC. subsp. abyssinica Mudo, Mudoti

Synnott 580.

Fl Jan-Mar, Dec, Fr Apr.

Frequent tree in woodland and wooded grassland around Budongo, partially deciduous, fire resistant.

E. droogmansiana De Wild. & Th. Durand
Eggeling 5321, Synnott 562, 600, 635, 898, 1340. Fl Apr, May, Fr July-Sept.
Tree in old closed forest, very rare in Budongo; in Uganda known also in Bwamba.
Known also from Cameroun and Zaire. Collected in Waibira block north of main
sawmill. Leafless in March-April. (45)

E. excelsa Bak.

Fl Dec.

Forest tree, sometimes large, usually in swamp or riverine forest, occasional in
Budongo including forest just north of Busingiro Hill. Deciduous.

E. mildbraedii Harms

Eggeling 5210.

Fl and Fr Jan.

Tree of closed forest, collected in Siba Block.

Indigofera emarginella A. Rich.

Synnott 891.

Semi-woody subshrub to 1 m in forest edge, Busingiro.

Mucuna poggei Taub.

Synnott 629, 1105.

Fl July, Aug, Fr Jan, Nov.

Tall woody climber in riverine forest and forest edge.

Neorautanenia mitis (A. Rich.) Verdc.

Eggeling 3966

Fl May

Climber in wooded grassland, Biiso.

Pseudarthria hookeri Wight & Arn.

Synnott 1331.

Fl and Fr Dec.

Semi-woody herb in closed woodland.

Pterocarpus lucens Guill. & Perr.

Dawe 1011, Eggeling 1151.

Fl and Fr Mar.

Woodland tree, occasional on wooded or grassy hills like Busingiro. Deciduous.

Rhynchosia hirta (Andrews) Meikle & Verdc.

Eggeling 1629, Synnott 503.

Fl and Fr Feb, Dec.

A small climber found in closed woodland, forest edges and along forest roads.

R. resinosa (A. Rich.) Bak.

Synnott 1423.

Fl Jan.

Small climber in closed woodland and colonising forest.

Sphenostylis stenocarpa (A. Rich.) Harms

Loveridge 144

Twining herb 1-3 m in woodland.

Tephrosia vogelii Hook. f.

Harris 80

Nikukuni

Fl and Fr Mar.

Semi-woody herb in grassland, woodland and forest edges.

Vigna kirkii (Bak.) Gillett

Loveridge 138.

Climbing herb 2-4 m in wooded grassland.

V. sp. nr. V. triphylla (Wilczek) Verdc.

Synnott 1335.

Fl Dec.

Climbing herb in woodland, Busingiro.

ULMACEAE

Celtis africana Burm. f. Mukomakoma
Forest tree, reported in closed woodland and Maesopsis colonising forest (S.P. 1 and 2) (10). (syn. C. kraussiana). Deciduous.

C. gomphophylla Baker Mukomakoma
Eggeling 1619, 2293, 3038, 3041, Styles 95, Synnott 750. Fl Mar, Fr Sept, Nov.
A colonising and understory tree, frequent in young, colonising or disturbed forest, but also found in older forest or originating in gaps, often up to 40-50 cm diameter. Deciduous. (syn. C. durrandii Engl.)

C. mildbraedii Engl. Mukomakoma
Harris 160, Eggeling 1475, 2255, Synnott 817. Fr Jan, Feb, Sept, Nov, Dec.
A forest tree, abundant in closed forest areas. Eggeling reported it as a taller middle storey tree, dominant in the understory of Mixed Forest: "its abundance is a constant feature of Mixed Forest", and it is common also in the old Cynometra forest. It was typical of the old and mature unlogged forests, and is probably replaced by other Celtis species in the logged and treated forests. (syn. C. sovauxii)

C. wightii Planch. Mukomakoma
Eggeling 1156, 1422, 3587. Fl Mar, Apr, Sept.
Forest tree, frequent in older colonising forest. Eggeling described it as a shorter middle storey tree which may be dominant or codominant with Diospyros abyssinica in the understory when the succession from Maesopsis to Mixed forest is well advanced. Found previously in all the unlogged forest communities, although less common in old Cynometra areas, and now also frequent in logged forest. (Syn. C. brownii)

C. zenkeri Engl. Mukomakoma
Eggeling 1190, 1566, 2006, 2258. Fl Apr, Fr Dec.
Forest tree, frequent in old Cynometra forest as a middle storey tree and also found as small trees in colonising and Mixed Forest. Deciduous.

Celtis species: from Eggeling's sample plot data, it appears that the five Celtis species regenerated, and reached their largest sizes, at different stages of the succession from woodland, through colonising and Mixed Forest to Cynometra forest, although there was much overlap in ranges, with most of them regenerating in colonising forests.

Chaetacme aristata Planch. Mubambanjobe
Eggeling 1143, Synnott 513. Fr Jan, Mar, Nov.
Straggling, small, armed tree previously found in swamp and riverine forest and originating in small gaps in closed forest, but now more widespread in logged and treated forest and along logging roads and tracks.

Holoptelea grandis (Hutch.) Mildbr. Mumuli
Eggeling 1139, 1610. Fr Feb, Mar.
Forest tree, characteristic of Mixed Forest, but with regeneration and some large trees found in colonising forest and some large old trees in the oldest forest areas. Deciduous. It appears that elephants do not inflict damage on the stem and bark of this species, which may be selectively favoured over Cynometra in areas of heavy elephant densities as in Rabongo (North Bunyoro) and Bula (West Nile) forests.

Trema orientalis (L.) Bl.

Harris 129.

Fl Jan, Fr Apr, July, Sept.

Colonising forest tree, recorded only once in Eggeling's plots, local and occasional in young and old unlogged colonising forest but now widespread and frequent in logged and treated forest areas.

MORACEAE

Antiaris toxicaria (Pers.) Lesch.

Harris 45.

Fr Feb.

Large forest tree, deciduous, found occasionally in mature closed forest.

Bosqueia phoberos Baill. (= Trilepisium madagascariense DC.) Katomatoma
Eggeling 1554, 2163, 3063. Fl July, Dec.

Middle storey tree, occasional in old closed forest.

Broussonetia papyrifera (L.) Vent.

Exotic, fast growing colonising tree, first planted in trials in Budongo in about 1953 and now naturalised in some logged and treated forest areas.

Chlorophora excelsa (Welw.) Benth. & Hook. f.

Mutamba, Mvule

Eggeling 1990, 1987, 1988, 2004, Styles 103. Fl June, Sept, Fr Apr, June.

Large forest tree, deciduous, dioecious. It regenerates mainly in young colonising forest, forming large trees in mature mixed forest. Fruits are dispersed by bats. Many areas in Biiso block were treated to enrichment planting with this species.

Craterogyne kameruniana (Engl.) Lanjouw

Eggeling 3827.

Fl Feb.

Rare understorey shrub, recorded in one of Eggeling's colonising forest plots.

Dorstenia denticulata A. Peter

Eggeling 2275.

Fl Nov.

Forest herb, collected near R. Sonso. Recorded elsewhere in shade of forest or riverine vegetation.

D. psilurus Welw.

Eggeling 2023, Synnott 610.

Fl May.

A herb in closed forest, collected in colonising forest in Biiso block but also reported in old Cynometra forest.

Ficus brachylepis Welw. ex Hiern

Eggeling 2150, 2299.

Fr Sept.

Large spreading forest tree, recorded in Cynometra, swamp and riverine forests and regenerating as an epiphyte and strangler.

F. brachypoda Hutch.

Eggeling 2322

Fr Nov.

Forest tree.

F. dekdekana (Miq.) A. Rich.

Eggeling 3465.

Fr Jan.

Large forest tree, regenerating as an epiphyte and strangler, recorded in swamp forest.

F. depauperata Sim

Eggeling 2085, 3080, 5722.

Fr Nov.

Usually a small bushy epiphyte, recorded in old mixed and Cynometra areas of Budongo (Eggeling); occasionally a small tree (13)

Ficus eriobotryoides Kunth & Bouché

Eggeling 3525.

Fr Mar.

A strangling fig, regenerating as an epiphyte, recorded as a tree in swamp forest (Eggeling).

F. sp. cf. F. exasperata Vahl

Synnott 757, 1509.

Small forest tree, with irregular deeply lobed leaves, collected along Royal Mile and Kitigo Road.

F. mucoso Ficalho

Eggeling 2029.

Mkunyu

Fr Feb, May, Sept, Dec.

Forest tree, not common in Budongo. Irregular fruiting: a single tree was observed fruiting in December 1965, September 1966 and February 1967. (Aldrich-Blake, pers. comm.)

F. namalalensis Hutch.

Eggeling 2126.

Fr July.

An epiphyte, sometimes a small tree, recorded in colonising and swamp forest.

F. natalensis Hochst.

Eggeling 1985, 2298.

Omutoma

Fr Nov.

An epiphyte and strangler, sometimes developing into a large forest tree, recorded in colonising, mixed, swamp and riverine forest.

F. polita Vahl

Eggeling 1979.

Fr Apr.

Large forest tree usually starting as an epiphyte and strangler, recorded in Cynometra and swamp forest.

F. pseudomangifera Warb.

Eggeling 2263.

Fr Nov.

Spreading forest tree to 30 m.

F. stipulifera Hutch.

Eggeling 3452, 3825, Synnott 727.

Large forest tree, developing as a strangler, recorded several times as an epiphyte in Budongo.

F. sur Forssk. (= F. capensis Thunb.)

Eggeling 3057, Synnott 886, 908.

Fr Apr, July.

A large forest tree in mature forest and also in closed woodland (Busingiro).

F. thonningii Blume

Recorded once as an epiphyte in Budongo, and elsewhere as a forest or savanna tree up to 12 m high.

F. urceolaris Welw. ex Hiern

Omulyangabe

Rolfe 454, Synnott 776.

Fr Jan, Oct, Nov.

Understorey shrub in closed forest, mainly in colonising or secondary forest.

F. vallis-choudae Del.

Eggeling 1729

Fr July.

A spreading forest tree.

F. variifolia Warb.

Eggeling 3830.

Fr Mar.

Small young trees usually seen in colonising and secondary forest. Old trees elsewhere are very large.

Morus lactea (Sim) Mildbr.

Nyakatoma

Harris 48, Eggeling 1182.

Fl Feb, Mar.

Forest tree, often reaching large sizes in the old Mixed Forest areas, and now occasional in the logged and treated areas. (= M. mesozygia Stapf ex A. Chev.)

Musanga cecropioides R. Br.

Fr Apr.

Recorded from Budongo, but rare. One tree observed near road across Nyakafunjo stream, on the east boundary of the Nature Reserve. A typical colonising forest tree in some other forests.

Myrianthus arboreus Beauv.

Musinyanuro

Fl Sept, Fr Mar, Apr, Dec.

Colonising forest tree, found occasionally in older forest areas and now widespread in logged and treated forests.

Treculia africana Decne.

Harris 133, Eggeling 3520.

Fr July.

Forest tree, sometimes large, almost entirely confined to swamp and riverine forest, rare (10).

URTICACEAE

Boehmeria platyphylla Don var. ugandensis Rendle

Eggeling 2264, Synnott 765.

Fl Nov.

Stinging herb to 1 m, in gaps and open tracks in forest.

Elatostemma orientale Engl.

Eggeling 1419.

Fl Sept.

Herb, growing in forest streams and in wet forest.

Fleurva urophylla Mildbr.

Miller 428, Synnott 667, 683.

Fl Sept.

Herb to 1.5 m growing on old forest tracks.

Girardinia condensata Wedd.

Eggeling 2281, Synnott 492.

Fl Nov, Dec.

Stinging herb in forest and on old forest tracks.

- Pouzolzia hypoleuca Wedd.
Synnott 721. Fl Oct.
Small shrub to 3 m collected in closed treated forest.
- Procris laevigata Blume
Eggeling 2012. Fl May, June.
Epiphyte on trees beside stream in mature mixed forest.
- Urera cameroonensis Wedd.
Synnott 1531. Fr Aug.
Climber, sometimes rooted epiphytically, in forest.
- U. hypselodendra Wedd.
Eggeling 2115, Synnott 777. Fl July, Nov.
Tall semi-woody climber in forest.

CANNABACEAE

- Cannabis sativa L.
Herb, growing in old logging tracks and clearings in forest.

CELASTRACEAE

- Campylostemon angolense Oliv.
Synnott 800. Fr Feb.
Collected in young forest near Little Kasenene Hill.
- Hippocratea andongensis Welw. ex Oliv. Muhorra
Harris 199, Eggeling 2050, Sangster 283. Fl Mar, Apr, June.
- H. clematoides Loes.
Sangster 113. Fr Mar.
- H. graciliflora Welw. ex Oliv.
Eggeling 1200. Fl and Fr Apr.
- H. obtusifolia Roxb. or
H. africana (Willd.) Loes.
Eggeling 2052. Fl June.
- H. polyantha Loes.
Sangster 5. Fr Oct.
- H. velutina Afzel.
Eggeling 5534. Fr May.
Climber on trees near forest edge.
- Maytenus senegalensis (Lam.) Exell Nyabuliko
Eggeling 1173. Fl Mar.
Shrub or small tree in wooded grassland, e.g. Busingiro.

M. serratus (A. Rich.) Wilcz.
Synnott 639, 848, 1114.
Shrub, 1-3 m high, in young closed forest.

Fl Aug, Fr Mar, July, Aug.

Mystroxydon aethiopicum (Thunb.) Loes.
Eggeling 1213
Small woodland tree.

ICACINACEAE

Iodes africana Oliv.
Synnott 861.

Fr Apr.

Small woody climber in logged treated forest near Buchananana. This is the first East African record.

Leptaulus daphnoides Benth.
Harris 77, Eggeling 1160, 3969.
Understorey tree in mature closed forest.

Fl Mar, June.

Pyrenacantha sylvestris S. Moore
Synnott 905.

Fr Apr.

Small woody climber in logged treated forest near Busingiro. This is the second East African record.

OLACACEAE

Strombosia scheffleri Engl.
Harris 168.

Fl Nov.

Forest tree, sometimes large, rare in Budongo, in mature mixed forest.

LORANTHACEAE

Phragmanthera rufescens (DC.) Balle var. usuiensis (Oliv.) Balle
Eggeling 2015, Synnott 837, 931.

Fl Apr, May

Epiphytic hemi-parasite in forest tree crowns.

Tapinanthus buvumae (Rendle) Danser
Eggeling 3838.

Bitana

Fl Nov.

Epiphytic hemi-parasite on cultivated Citrus at Busingiro.

T. flamigni (De Wild.) Danser
Eggeling 3834.

Fl Nov.

Epiphytic hemi-parasite in Budongo forest.

BALANOPHORACEAE

Thonningia sanguinea Vahl
Eggeling 4040, Synnott 1513.

Fl Apr, July-Sept.

A parasite of tree-roots, frequent in mature mixed forest and in Cynometra forest.

RHAMNACEAE

Lasiodiscus mildbraedii Engl. Munyamaija
Dawe 828, Harris 63, Eggeling 1598, Styles 85, Synnott 1450. Fl Feb-Apr, Sept,
Fr Apr, May, Sept.

Small forest tree, abundant in understorey of old Cynometra forest and in ecotone between Mixed Forest and Cynometra forest, with abundant young regeneration. Occasional also in logged and treated areas.

Maesopsis eminii Engl. Muhongera, Musizi
Harris 407. Fl Feb, Fr Feb-June, Aug, Sept.

Colonising forest tree, frequent with Acanthus in areas where the forest edge is expanding into grassland and wooded grassland along the southern margins of Budongo, and in forest heavily disturbed by logging and treatment. Occasional in more stable forest margins, in gaps and in open forest near swamps. Not common in areas where forest is formed from closed woodland and in the drier northern margins of Budongo. Unable to survive as seedlings under a closed, stable forest canopy. Deciduous.

Ventilago africana Exell Fr July.
Synnott 637.
Woody climber in logged, treated forest, Biiso block.

Ziziphus pubescens Oliv. Mukakwa
Synnott 1090 (part). Fr July
Small tree, growing on forest edge, Busingiro.

VITACEAE

Ampelocissus grantii Planch. Fr Apr.
Eggeling 1198.
Perennial climber by Sonso River, Budongo.

Cayratia ibuensis (Hook. f.) Suesseng. Fr Aug.
Synnott 1533.
Herbaceous climber beside main forest logging road, Waibira block.

Cissus dubia Becc.
Tall climber reported in colonising Maesopsis forest (10).

C. integrifolia Hook. f.
Synnott 1522.
Herbaceous climber beside main forest logging road, Waibira block.

C. petiolata Hook. f. Fr Apr.
Synnott 862.
Climber in secondary forest near Buchanana.

C. producta Afzel. Fr May.
Synnott 605, 1510.
Climber on forest roadside.

Cyphostemma adenocaulis (A. Rich.) Wild & Drumm.
Synnott 933
Herbaceous climber on forest edge, Busingiro.

C. adenopodium (Sprague) Descoings Fr May.
Eggeling 1996.
Herbaceous climber.

C. cyphopetalum (Fres.) Descoings Fr Apr.
Synnott 932.
Herbaceous climber on forest edge, Busingiro.

Leea guineensis G. Don

Harris 173, Katende 3/68, Synnott 632. Fl Apr, July, Sept, Fr Apr, July, Sept-Nov.

Small semi-woody forest shrub to 1.5 m. Recorded by Eggeling in swamp forest, now widespread in logged, treated forest.

RUTACEAE

Aeglopsis eggelingii M.R.F. Taylor

Eggeling 2310, 3006.

Fl May, Fr Nov.

Forest shrub or small tree, usually on forest edges and riverine forest. Deciduous.

Balsamocitrus dawei Stapf

Dawe 788, Eggeling 1425.

Fl Sept.

Forest tree, usually small but occasionally exceeding 50 cm diameter, in closed forest. Deciduous.

Citropsis articulata (Sprengel) Swingle & Kellerman

Harris 171, Eggeling 1417, Synnott 1470. Fl Sept, Nov, Fr Mar, Sept.

Small understorey shrub in closed forest.

Clausena anisata (Willd.) Benth.

Harris 69, Synnott 910.

Mutonwa

Fl Mar, Apr, Fr May.

Shrub or small tree in colonising forest and forest edges, and frequent small understorey shrub in closed forest.

Fagaropsis angolensis (Engl.) Dale

Eggeling 1637, 3083, 3962, 4379

Fl Feb.

Forest tree in mixed and swamp forest and on forest edges. Deciduous.

Teclea grandifolia Engl.

Eggeling 1142, 3458

Muzo, Nzo

Fl Mar.

Forest tree, usually a small understorey tree in mature mixed forest, occasionally exceeding 40 cm diameter.

T. nobilis Del.

Harris 106, Eggeling 3457, Synnott 915, 1526.

Muzo

Fl May, Aug, Fr Apr.

Shrub or small tree, usually in the understorey of colonising, swamp or riverine forest, occasionally exceeding 40 cm diameter.

Toddalia asiatica (L.) Lam.

Synnott 609.

Fl Apr.

Woody climber or scrambling shrub, armed, on forest edges and in colonising forest.

Zanthoxylum gillettii (De Wild.) Waterm.

Synnott 609.

Ntalyerungu

Fl June.

Forest tree. Reported regenerating in logged, treated forest, with few large trees. Elsewhere, mainly a tree of colonising forest. (Syn. Fagara macrophylla). Deciduous.

Z. lepriurii Guill. & Perr.

Harris 87.

Ntalyerungu

Fl May.

Small tree, usually less than 15 m high, in colonising, swamp and riparian forest. (Syn. Fagara angolensis). Deciduous.

Z. rubescens Hook. f.

Eggeling 1415.

Ntalyerungu

Fl Sept.

Forest tree or large shrub, uncommon. Usually in swampy or riverine forest areas.

IXONANTHACEAE

Irvingia gabonensis (O'Rorke) Baill.
Eggeling 1184.
Occasional large forest tree.

Fr Mar, Apr.

Klainedoxa gabonensis Engl. Mukuzanyana
Eggeling 1404, 1579.

Fr Jan, Feb, Apr, June-Aug, Dec.

Large forest tree, reported as a frequent emergent in Mixed Forest by Eggeling and now widespread in logged forest.

BALANITACEAE

Balanites wilsoniana Dawe & Sprague
Eggeling 1634, 2038
Occasional large forest tree. Deciduous.

Mukunga
Fl Nov, Fr Apr, Aug, Nov.

BURSERACEAE

Canarium schweinfurthii Engl.
Occasional large forest tree, rare. Deciduous.

Mubani

MELIACEAE

Ekebergia senegalensis A. Juss.
Harris 182, Eggeling 2096, 2167, 3488
Forest and woodland tree around Busingiro, particularly at forest edge, uncommon.

Mutubula
Fl Feb.

Entandrophragma angolense (Welw.) C.DC.
Dawe 984, Eggeling 1402, 2135, 2147, 3030
Forest tree, reaching very large sizes. The least abundant Entandrophragma in Budongo. Deciduous.

Mukusu, Muyovu
Fr Jan, June, July

E. cylindricum (Sprague) Sprague
Dawe 983, Eggeling 1401, 2169, Styles 108, 335, 336.
July-Sept.

Muyovu, Sapele
Fl Jan, May, Fr

Forest tree, reaching very large sizes, up to 61-64 m high, the commonest Entandrophragma in Budongo. Deciduous.

E. utile (Dawe & Sprague) Sprague

Mufumbi, Muyovu

Harris 96, Eggeling 2086, 2120, 2170, 3003, Styles 41, 73, 334, Synnot 566.
Fl Feb, Fr Jan, Feb, Oct-Dec.

Forest tree, reaching very large sizes, with reports of stem-volumes up to 44 and 54 cubic metres. Deciduous, leafless in Nov-Dec.

Guarea cedrata (A. Chev.) Pellegrin
Eggeling 3453, 3811, 5552, Styles 104, 343.

Fl Aug, Fr July, Aug.

Large forest tree, occasional in young and mature forest. Deciduous.

Khaya anthotheca (Welw.) C.DC.

Munyama

Brasnett FD 153, 158, 167, 176, Eggeling 1195, 2168, Styles 54, 337-9, Synnott 565.

Fl Jan-Apr, Sept. Fr Jan-Apr, July, Aug.

Forest tree, reaching very large sizes, with stems up to 54 and 78.4 cubic metres, over 2 m diameter. Deciduous, leaf-fall in December. This and the other species of Meliaceae which form large trees regenerated successfully in colonising and secondary forest and reached their largest sizes in later stages of the succession to Cynometra forest. They were apparently unable to maintain their population in unlogged forest dominated by Cynometra, since young trees cannot grow significantly under heavy shade, although they can survive with minimum growth for several years.

K. grandifoliola C.DC.

Munyama

Eggeling 1193, Gibson 14, Synnott 748.

Fl and Fr Apr.

Large tree in woodland, thickets, riverine forest and forest margins along the northwest of Budongo and also near Busingiro. Deciduous.

K. anthotheca x K. grandifoliola

Munyama

Eggeling 1196, Styles 124, 125.

Fl Apr, Fr Apr, Oct.

Found in Waibira block and near R. Sonso, where both parent species occur together. Deciduous.

Lovoa trichilioides Harms

Nkoba

Dawe 808, Harris 141, Eggeling 1403, 2008. Fl Sept, Oct, Fr Oct, Nov.

Large forest tree, uncommon in Budongo.

Trichilia dregeana Sond.

Styles 333.

Fr Jan.

Forest tree, very uncommon in Budongo.

T. martineau Aubrev. & Pellegr.

Eggeling 3060, 4039, 4375.

Forest tree with rare scattered individuals throughout Budongo.

T. prioureana A. Juss.

Muralike

Harris 105, Eggeling 2320, 2325, 3444.

Fl Nov, Dec. Fr Feb, Mar.

Forest tree, sometimes exceeding 50 cm diameter, reported by Eggeling as found mainly in mature Mixed Forest, sometimes subdominant in the canopy. Occasional in logged and treated forests.

T. rubescens Oliv.

Mugaba

Harris 70, Eggeling 1141, 3617, Sangster 116, Philip 351, Styles 330, 340.

Fl Jan, Mar, Fr Jan, May-July.

Forest tree, usually small, dominant in the understorey of Eggeling's plot in the ecotone between Maesopsis colonising forest and Mixed Forest, now occasional in logged, treated forests. Reported by Styles (1974) to prefer the drier ridges in Budongo.

Turraea floribunda Hochst.

Harris 134, Eggeling 1144, 2266, Hamilton 1327. Fl Mar, June, Fr Oct, Nov.

Small tree on forest edges, in colonising forest and in openings in old forest areas.

T. vogelioides Bagshawe & Bak. f.

Harris 104, Synnott 549, 745, 753.

Fl Apr, May, Fr May, Nov.

Common small understorey shrub in young closed forest.

SAPINDACEAE

Allophyllus dummeri Bak. f.

Eggeling 3960, 3970, 4351, Hamilton 445, Synnott 666, 1512. Fl May-July, Fr Aug-Sept.

Small forest tree, occasional in understorey of closed forest and in logged, treated forest.

A. kivuensis Gilg

Synnott 512

Fl and Fr Jan.

Small tree beside old forest road, Nyakafunjo Nature Reserve.

A. macrobotrys Gilg

Harris 128, 174, Synnott 851.

Fl June, Nov, Fr Mar.

Small understorey forest tree or shrub.

A. welwitschii Gilg

Sangster 150,

Fl July.

Shrub in colonising forest, locally frequent.

Blighia unijugata Bak.

Eggeling 2164, Synnott 555.

Fr Apr.

Forest tree, rare, in understorey and forest edge.

B. welwitschii (Hiern) Radlk.

Eggeling 1980

Forest tree, rare in Budongo.

Cardiospermum grandiflorum Sw.

Harris 147, Synnott 504. Fl Mar, May, Sept-Dec, Fr Jan-Mar, Nov, Dec.

Herbaceous or semi-woody climber up to 5 m tall, widespread on forest edges and in closed woodland.

Crossonephelis africanus (Radlk.) Leenh.

Mwatibale

Eggeling 1600, 1611, 2178, 3530, Sangster 19. Fl Jan, Feb, Sept, Fr Feb.

Spreading understorey tree, frequent in closed forest.

Lepisanthes senegalensis (Poir.) Leenh.

Eggeling 1597, 3853

Fl Dec.

Small forest tree, occasional in understorey.

Lychnodiscus cerospermus Radlk.

Eggeling 1140, Styles 96.

Fl Mar, Sept.

Small tree in the understorey of old closed forest.

Majidea fosteri (Sprague) Radlk.

Harris 155, Eggeling 2007, 3442, 3448, 3450. Fl May, Nov, Fr Mar, May, Nov.

Understorey tree, sometimes exceeding 50 cm diameter, in old closed forest, and in logged treated forest. Deciduous.

Paullinia pinnata L.

Synnott 880.

Fl and Fr Apr.

Shrubby climber in colonising forest, logged forest, forest edges and closed woodland. Up to 8 m long.

Zanha golungensis Hiern

Harris 201, Eggeling 1631, Webb 164, Suzuki in EA 14812, Synnott 535.

Fl Feb, Fr Feb, Mar.

Spreading understorey forest tree. Deciduous.

MELIANTHACEAE

Bersama abyssinica Fresen subsp. abyssinica var. holstii (Guerke) Verdc.

FD 112.

Fl Oct.

Tree in forest edges and open or colonising forest, rare in Budongo.

ANACARDIACEAE

Antrocaryon micraster A. Chev. & Guill.

Harris 118, Eggeling 1187, Synnott 786. Fl Apr, Fr Mar, Apr, Nov, Dec.

Small forest tree in colonising and riverine forest, uncommon. Deciduous.

Lanea barteri (Oliv.) Engl.

Murumbo

Harris 78.

Fl and Fr Mar.

Tree on wooded grassland, common on hills like Busingiro.

L. schimperi (A. Rich.) Engl.

Eggeling 1161.

Tree in wooded grassland, Busingiro.

L. welwitschii (Hiern) Engl. var. welwitschii

Eggeling 1189, 3067, 3593

Fl and Fr Apr.

Understorey tree in closed forest, up to 30 m high.

Ozoroa insignis Del. subsp. reticulata (Bak. f.) Gillett

Tree in wooded grassland near Budongo. (Syn.: Heeria)

Pseudospondias microcarpa (A. Rich.) Engl.

Eggeling 1192, 3064.

Bagambanimpyata

Fl Apr, Jul, Fr Feb, July.

Forest tree, frequent, almost entirely confined to swamp and riverine forest.

CONNARACEAE

Agelaea ugandensis Schellenb.

Eggeling 1523, 1632.

Fl Feb.

Forest liane.

Cnestis ugandensis Schellenb.

Eggeling 1468, 1553.

Fl Dec.

Small forest tree or shrub.

Connarus longistipitatus Gilg
Eggeling 1556, Sangster 111. Fl Mar, Dec.
Small understorey tree or shrub in forest.

ALANGIACEAE

Alangium chinense (Lour.) Harms
Eggeling 1558. Fl Dec.
Small tree of colonising or open forest. Deciduous.

ARALIACEAE

Cussonia arborea A. Rich. Ekikakakyenjojo
Eggeling 1164. Fl Feb, Mar.
Woodland tree on Busingiro and other hills.

UMBELLIFERAE

Steganotaenia araliacea Hochst. Muhotora
Eggeling 1165, Synnott 1424. Fl Mar, Fr Feb.
Woodland tree, Busingiro and other hills. Deciduous.

EBENACEAE

Diospyros abyssinica (Hiern) F. White
Eggeling 1457, 1482, 2000 Fr Dec.
Understorey tree, regenerating in closed woodland and young colonising forest,
sometimes becoming dominant in understorey of old colonising forest and found as
a large, tall middle storey tree in older forest.

SAPOTACEAE

Afrosersalinea cerasifera (Welw.) Aubrév.
Eggeling 1481. Fr Jan.
Tree in closed forest, uncommon in Budongo.

Aningeria altissima (A. Chev.) Aubrév. & Pellegr.
Harris 53, Eggeling 1183. Fl Feb, Mar.
Forest tree, sometimes very large in mature forest.

Bequaertiodendron oblanceolatum (S. Moore) Heine & Hemsley
Eggeling 1216, 1624, Synnott 865. Fl Feb, May, Fr Apr.
Understorey tree or shrub in mature closed forest.

Chrysophyllum albidum G. Don Mululu
Eggeling 1219, Styles 91. Fl May, Fr Feb, Mar, Sept.
Forest tree, widespread and frequent in Budongo.

C. muerense Engl. Munyamata
Harris 138, Eggeling 2248, 2300, Synnott 1472. Fl Mar, Fr Feb, Mar, Sept.
Forest tree, frequent in mature Mixed Forest, sometimes as a large emergent.

C. perpulchrum Mildbr. ex Hutch. & J.M. Dalz. Mubakampungu
Eggeling 2089, 2239, Sangster 142, Brasnett 131. Fl July, Fr Apr.
Forest tree, mainly in mature Mixed Forest.

C. pruniforme (Pierre) Engl.
Forest tree, reported in Budongo, not confirmed (amendment to 13).

Manilkara dawei (Stapf) Chiov.
Forest tree, reported in Budongo, not confirmed (amendment to 13).

Mimusops bagshawei S. Moore
Eggeling 1474, 2302, 3059. Fl Dec, Fr July.
Forest tree in old forest areas.

M. kummel A.DC.
Eggeling 2001
Forest tree.

Pachystela brevipes (Bak.) Engl.
Sangster 82. Fr Mar.
Middle-storey forest tree, uncommon.

MYRSINACEAE

Maesa lanceolata Forssk.
Synnott 578, 658, 911. Fl Apr, May, Fr Sept.
Colonising forest tree, widespread along roadsides and in young forest and heavily disturbed forest but formerly apparently rare in Budongo.

LOGANIACEAE

Nuxia congesta Fres.
Eggeling 2261
Forest edge tree. Uncommon.

Strychnos aculeata Solered.
Eggeling 3817. Fr Oct.
Tall woody liane, reaching 20 m, in mature forest.

S. mitis S. Moore
Eggeling 3344, 5322. Fl May, Fr Oct.
Forest tree, locally frequent in Cynometra forest.

OLEACEAE

Jasminum pauciflorum Benth.

Synnott 728, 909.

Fl Apr, Fr Oct.

Small woody climber or twining shrub in colonising forest and forest edge.

Linociera africana (Knobl.) Knobl.

Eggeling 3823.

Small tree or shrub in colonising forest, rare.

L. latipetala M.R.F. Taylor

Osmaston 615.

Fr June.

Small forest tree or shrub, rare.

Olea welwitschii (Knobl.) Gilg & Schellenb. (= O. capensis L.)

Harris 159, Eggeling 1420, Hamilton 900.

Fl Sept, Fr July, Nov.

A forest edge tree, growing to large sizes in old colonising forest. Reported by Eggeling as found in colonising woodland not dominated by Acanthus and Maesopsis, sometimes in small nearly pure patches.

Schrebera arborea Chev.

Harris 177, Eggeling 1606.

Fl Feb, Fr Feb, Dec.

Forest tree. Deciduous.

APOCYNACEAE

Alafia grandis Stapf

Synnott 1449.

Fl Mar.

Climber in old logged, treated forest.

A. schumannii Stapf

Eggeling 1562.

Fl Dec.

Climber, in old forest.

Alstonia boonei De Wild.

Mujwa, Omujwe

Harris 403, 404, Eggeling 1545, 1547, 1548, Synnott 802. Fl Feb, June, Nov, Dec, Fr Feb, Mar.

Large forest tree, previously mainly in old Mixed forest, sometimes as an emergent or a canopy subdominant, now frequent in logged treated forest. Deciduous.

Clitandra orientalis K. Schum.

Forest liane, 20 m or more, reported by Dawe as mainly in western part of forest, with few east of R. Sonso.

Funtumia africana (Benth.) Stapf

Musanda

Harris 482.

Fl Jan-Apr, July, Fr Jan, Mar, Aug.

Forest tree, in habitats similar to those of F. elastica, reported numerous in ecotone between Maesopsis forest and Mixed Forest, and frequent in logged and treated forest. Usually more abundant than F. elastica. (10).

F. elastica (Preuss) Stapf Musanda
Eggeling 2316, 2319, Webb E. Fl Sept.
Forest tree, frequent in established colonising forest, in the understorey of old closed forest, and in logged, treated forest. Eggeling reported that it invaded colonising woodland after canopy formation. Dawe (1910) estimated that there were 293 560 trees distributed over 160 sq. miles; they were intensively tapped for rubber during World War II, and even now many large trees show signs of tapping up to 7-12 m, although most trees died soon after tapping.

Landolphia landolphioides (Hall. f.) A. Chev.
Forest liane, 20 m or more, reported by Dawe as mainly in western part of forest, with few east of R. Sonso.

Motandra guineensis (Thonn.) A. DC.
Karani 29, Synnott 725, 839. Fl Mar, May, Fr Oct.
Forest liane, collected in logged forest and forest edge.

Oncinotis sp.
Eggeling 3035. Fl and Fr June.
Slender woody climber in forest.

Picralima nitida (Stapf) Th. & Hel. Dur.
Eggeling 3854, 3972, 4042, Katende FD2127. Fl June, Nov, Fr Nov.
Small understorey forest tree.

Rauvolfia vomitoria Afzel.
Eggeling 3007, Synnott 662. Fl Apr, May, Fr Sept. Oct.
Small tree in forest edges and in young, open and colonising forest.

Saba florida (Benth.) Bullock
Synnott 515, 1441. Fl Jan-Mar, Fr Nov.
Liane in closed forest and on forest edges, to 20 m or more.

Strophanthus preussii Engl. & Pax
Eggeling 1157. Fl Mar.
Woody climber in closed forest.

Tabernaemontana holstii K. Sch.
Eggeling 1982, Webb F. Fl Apr, May, Fr Dec.
Spreading understorey tree or large shrub in closed forest, and also frequent in logged and treated forest.

Voacanga thouarsii Roem. & Schultes
Small tree, mainly in riverine and swamp forest. (10)

ASCLEPIADACEAE

Cynanchum sarcostemmatoides K. Sch.
Eggeling 3079. Fl July.
Herbaceous climber.

Gomphocarpus physocarpus E. Mey.

Synnott 673. Fl Sept.
Herb growing on grassy old logging road, typically a grassland plant.

Mondia whitei (Hook. f.) Skeels

Eggeling 2021, 4376, Synnott 670, 881. Fl Apr, May, Fr Sept. Oct.
Semi-woody climber, frequent in colonising forest and forest edges, Busingiro.

Pachycarpus eximius (N.E.Br.) Bullock

Synnott 934. Fl Apr.
Semi-woody herb to 1.5 m in wooded grassland, Busingiro.

Pergularia daemia (Forsk.) Chiov.

Synnott 520. Fr Jan.
Herbaceous climber beside old forest road.

Periploca sp.

Eggeling 3077.
Woody climber on forest edge.

Sarcostemma viminale R. Br.

Leafless epiphyte in crowns of tall forest trees (10, 12).

Secamone africana (Oliv.) Bullock

Baker FS633, Synnott 663, 723, 1092. Fl Mar, Sept, Fr Oct.
Slender woody climber in colonising and secondary forest.

S. stenophylla N.E. Br.

Synnott 803, 1110. Kataganende
Fl Feb, Aug, Fr Aug.
Slender woody climber in colonising and secondary forest.

Telosma africana N.E. Br.

Synnott 920. Fl Apr.
Small semi-woody climber on forest edge, collected near R. Sonso, north Budongo.

RUBIACEAE

Belonophora hyoglauca (Hiern) A. Chev.

Eggeling 1613, Sangster 34. Fl Feb.
Small understorey tree or large shrub in closed forest.

Canthium sp.

Loveridge 130A.
Forest shrub.

C. vulgare (K. Schum.) Bullock

Fyffe 112, Eggeling 3857.
Shrub or small tree to 10 m in colonising or secondary forest or forest edges.
Uncommon in Budongo.

Chassalia cristata (Hiern) Brem.

Harris 103, Eggeling 2017, Synnott 564a, 570. Fl Apr, May.
Small climber or scrambling shrub in colonising and secondary forest.

Coffea canephora Pierre ex Froehner

Mwanyi
Eggeling 1456, 1604, Doughty & Thomas 9, Taylor 3328, Synnott 1511
Fl Feb, Mar, Dec, Fr Aug.
Understorey shrub or small tree in closed forest.

- C. eugenioides S. Moore Mwanyi, Kanyamwa
Eggeling 1455, Doughty & Thomas 10, Synnott 738, 797, 826.
Fl Feb, Mar, Fr Feb, Nov, Dec.
Understorey shrub, frequent in colonising and secondary forest, occasional in older forest.
- Craterispermum schweinfurthii Hiern
Purseglove 1265.
Understorey tree in closed forest.
- Cremaspora triflora (Thonn.) K. Schum. subsp. triflora
Eggeling 2195, 3592. Fl Apr.
Shrub or small tree in thickets or forest understorey.
- Dictyandra arborescens Hook. f.
Harris 75, 175, Eggeling 3967 Fl Mar, Fr Nov.
Small understorey tree in closed forest.
- Galiniera coffeoides Del.
Eggeling 1212
Forest shrub or tree, usually near forest edge.
- Gardenia vogelii Planch.
Eggeling 1636. Fl and Fr Feb.
Forest shrub or small tree.
- Geophila obvallata (Schumach.) F. Didr. subsp. involucrata (Hiern) Verdc.
Eggeling 2069. Fl June.
Small herb in leaf litter on forest floor.
- G. repens (L.) I.M. Johnston.
Synnott 613, 705. Fl May, Fr Oct, Nov.
Creeping, prostrate herb in leaf litter on forest floor, widespread in young and old forest areas.
- Hymenocoleus hirsutus (Benth.) Robbrecht
Synnott 778, 846. Fl Mar, Fr Mar, Nov.
Creeping, prostrate herb in leaf litter on forest floor, in closed forest.
- H. libericus (Hutch. & Dalz.) Robbrecht
Loveridge 163, Eggeling 1204.
Creeping herb on forest floor.
- H. rotundifolius (Hepper) Robbrecht
Sangster 187, Synnott 784, 899. Fl Apr, Fr Dec.
Creeping herb on forest floor.
- Macrosphyra longistyla (DC.) Hiern
Synnott 1467. Fl Mar.
Climbing shrub on forest edge, on roadside, Nature Reserve.
- Mitragyna stipulosa (DC.) O. Ktze. Muho
Harris 39. Fl Jan.
Tree to 30 m almost entirely confined to swamps, streamsides and riverine forest.
- Morinda lucida Benth.
Eggeling 1638. Fl Feb.
Small tree in closed and colonising forest; elsewhere mainly in thickets and woodland.

- Mussaenda elegans Schum. & Thonn.
Eggeling 2108, Synnott 498, 624, Stewart 1013 Fl July, Aug, Dec.
Climber or scandent shrub in secondary forest and along forest edges.
- M. erythrophylla Schum. & Thonn.
Stuart-Smith 254. Fl Apr-Aug.
Climber or shrub frequent along margins of old forest roads in secondary forest.
- Otomeria elatior (DC.) Verdc.
Loveridge 151.
Herb in swampy areas, Budongo forest.
- O. madiensis Oliv.
Eggeling 4307 Fl May
Herb in woodland above escarpment near river Sonso north of Budongo.
- Oxyanthus lepidus S. Moore
Synnott 771. Fr Nov.
Small shrub in forest by R. Sonso.
- O. speciosus DC. subsp. globosus Bridson
Synnott 744, 1527. Fr Aug, Nov.
Shrub or tree in understorey of closed forests.
- O. ugandensis Bridson
Synnott 681. Fr Sept.
Shrub, 1 m, in Siba forest.
- Pavetta molundensis K. Krause
Sangster 74, Eggeling 3621, Synnott 550, 878, 1609. Fl Feb-Apr, Fr May.
Small tree, frequent and widespread in colonising and secondary forest.
- P. ruwenzoriensis S. Moore
Eggeling 1995, 3964.
Understorey shrub in forest.
- Pentas lanceolata (Forssk.) Defl. ssp. quartiniana (A. Rich.) Verdc. var. leucaster (K. Kr.) Verdc.
Synnott 1480. Fl June.
Herb in wooded grassland, Busingiro.
- Pseudomussaenda flava Verdc.
Synnott 767. Fl July, Nov.
Shrub in old grassy roadside by R. Waisoke, north Budongo; elsewhere, in bushland and thickets.
- Psychotria brevipaniculata De Wild.
Eggeling 1205.
Small shrub in forest understorey.
- P. lucens Hiern var. minor Petit
Sangster 188.
Small shrub in forest understorey.
- P. peduncularis (Salisb.) Steyerl. var. semlikiensis Verdc.
Synnott 493, 638. Fr Apr, July, Dec.
Small semi-woody forest subshrub, collected beside old forest road, Biiso block.

P. schweinfurthii Hiern

Eggeling 2016, Katende K4/68, Synnott 581, 706, 752. Fl May, Sept-Nov, Fr Sept-Nov.

Understorey shrub to 1 m in closed woodland, colonising and secondary forest and forest edges. Frequent around Busingiro.

P. sp. nr. ealaensis De Wild.

Synnott 1532.

Fr Aug.

Climber in secondary forest.

Rothmannia longiflora Salisb.

Harris 735, Synnott 669, 811, 864, 1474.

Fl Mar, Apr, Fr Feb, Sept.

Understorey shrub in closed forest.

R. urcelliformis (Hiern) Robyns

Rolfe FD451, Eggeling 1603, 3075.

Fl Jan, July, Fr July.

Understorey shrub or small tree, occasional in closed forest.

R. whitfieldii (Lindl.) Dandy

Purseglove 1266, Eggeling 1630, 2174, Synnott 509, 775, 818, 916. Fl Feb, Mar, Fr Sept.

Shrub or small understorey tree in old colonising and riverine forest and forest edge.

Rutidea fuscescens Hiern ssp. bracteata Bridson

Synnott 612.

Fl May.

Clambering shrub or liane 1-9 m high, in forest, forest edges and thickets.

R. smithii Hiern

Forest climber 1-7 m tall, recorded but not confirmed (10).

Rytigynia beniensis (De Wild.) Robyns

Synnott 850.

Fr Mar.

Small tree in colonising forest, occasional.

R. bugovensis (K. Krause) Verdc.

Synnott 1501.

Fr Aug.

Scrambling shrub on roadside forest edge.

Sabicea calycina Benth.

Agali 1.

Fl and Fr Dec.

Climber 1-2 m long, in forest undergrowth.

Sherbournia bignoniiflora (Welw.) Hua

Synnott 560.

Fl Apr.

Small woody climber sometimes a scrambling shrub, in forest. Collected on roadside forest edge, Nature Reserve.

Tarenna fusco-flava (K. Schum.) N. Halle

Taylor 3331

Liane up to 5-20 m long in forest.

T. graveolens (S. Moore) Brem.

Eggeling 2002, 2326

Shrub or small tree, mainly in woodland.

T. pavettoides (Harv.) Sim subsp. gillmannii Bremek. ex Bridson

Shrub or small tree in colonising forest (10).

Uncaria africana G. Don subsp. lacus-victoriae Verdc.
Synnott 645. Fl July-Nov.
Tall climber, frequent in secondary forest and in old Mixed Forest.

Vangueria madagascariensis Gmel.
Shrub or small tree in colonising forest and forest edge, not common. Deciduous
(10).

V. apiculata K. Schum.
Synnott 1514. Fr Aug.
Clambering shrub in old secondary forest. Deciduous.

COMPOSITAE

Adenostemma perrottetii DC.
Synnott 690, 1417. Fl and Fr Oct.
Herb, 50 cm, in secondary forest, Busingiro.

Ageratum conyzoides L.
Eggeling 1412, Synnott 704. Fl and Fr Sept-Nov.
Herb, widespread in secondary forest areas, often locally dominant on footpaths
and beside forest roads, a common weed.

Bidens pilosa L.
Synnott 1347, 1353. Fl Dec.
Herb, locally frequent on old forest roads, a common weed.

Conyza spp.
Locally frequent on old forest roads and roadsides and in wooded grassland.

Crassocephalum bojeri (DC.) Robyns
Synnott 530. Fl Mar.
Herbaceous climber in colonising forest near stream, Busingiro.

C. vitellinum (Benth.) S. Moore
Synnott 806, 901, 1081. Fl Feb, Apr, July.
Straggling herb, 1 m, on forest edge, Busingiro.

C. rubens (Jacq.) S. Moore
Eggeling 3323, Synnott 1108. Fl Dec.
Herb, 1 m, in woodland near forest edge, Busingiro.

Elephantopus scaber L. var. brevisetus Philipson
Synnott 689. Fl Oct.
Herb on footpath in secondary forest.

Gerbera viridifolia (DC.) Sch. Bip.
Synnott 1420. Fl Jan.
Rosette herb in woodland, Busingiro.

Guizotia scabra (Vis.) Chiov.
Synnott 1086. Fl July.
Herb in woodland, Busingiro.

Gynura scandens O. Hoffm.
Synnott 608. Fl May.
Straggling herbaceous climber among bushes and small trees on forest edges and
roadsides.

- Melanthera scandens (Schum. & Thonn.) Roberty
Sangster 11, 155, Synnott 1431, 1607. Fl and Fr Feb, Dec.
Clambering herb growing secondary forest on edge of old secondary forest, Biiso.
- Microglossa afzelii O. Hoffm.
Synnott 833. Fl Feb, Mar.
Semi-woody climber in secondary forest, Biiso.
- Mikania cordata (Burm. f.) B.L. Robinson
Synnott 743. Fl Dec.
Herbaceous climber on old forest road, Buchanana.
- Notonia abyssinica A. Rich.
Synnott 1317. Fl Nov.
Succulent herb in woodland, Busingiro.
- Vernonia amygdalina Del.
Eggeling 1615, Synnott 523. Fl Feb.
Shrub or small tree in forest edge and thickets.
- V. brachycalyx O. Hoffm.
Synnott 1422. Fl Jan.
Small shrub or scrambler growing in closed colonising woodland forest, Busingiro.
- V. cinerea (L.) Less.
Synnott 719. Fl Oct.
Herb in secondary forest; elsewhere usually on forest tracks and in grassland or a weed of cultivation.
- V. tufnelliae S. Moore
Synnott 1446. Fl Mar.
Semi-woody climber in old logged, treated forest.

BORAGINACEAE

- Cordia africana Lam. (= C. abyssinica) Mujugangoma
Webb C, Hall 52. Fl July, Sept, Fr Sept.
Tree of woodland and closed colonising forest, Busingiro and Biiso.
- C. millenii Bak. Mujugangoma
Eggeling 1155, 1627, 3047 Fl Feb, Mar, Fr July-Sept.
Forest tree to 30 m, frequent in colonising and Mixed Forest and in logged and treated forest.
- C. ovalis DC.
Eggeling 3343
Shrub or small tree in woodland.
- Ehretia cymosa Thonn.
Eggeling 1614, 1628. Fl Feb.
Small tree in forest edge and in closed colonising forest, sometimes in older forest and swamps.

SOLANACEAE

- Capsicum frutescens L.
Synnott 1530. Fr Aug.
Small shrub beside main road through old logged forest.

Discopodium penninervium Hochst.

Eggeling 1625. Sangster 180, Myers 13629. Fl Feb.
Shrub or small tree in mature closed forest.

Physalis minima L.

Synnott 770. Fr Nov.
Herb on forest edge near R. Sonso. (Cape gooseberry, American origin.)

Solanum aculeatissimum Jacq.

Synnott 1517.
Small shrub beside old logging road.

S. anomalum Schumach & Thonn.?

Eggeling 3332. Fr Dec.

S. giganteum Jacq.

Harris 161, Synnott 746. Fl and Fr Nov.
Shrub to 3 m, armed, in secondary forest beside old road through Biiso block.

S. nigrum L. sens. lat.

Dawkins 752, Synnott 737. Fl May, Nov.
Herb growing in small natural gap in untouched forest, Nature Reserve, and on tractor tracks. Elsewhere, a common weed.

S. terminale Forssk.

Eggeling 1449, Dawkins 75, Synnott 617, 619, Lye 4017. Fl and Fr July-Nov.
Herbaceous climber, widespread and frequent in logged and treated forest, and beside roads and tracks.

CONVOLVULACEAE

Ipomoea cairica (L.) Sweet

Synnott 1440, 1520. Fl Mar, Aug.
Twining herbaceous climber and creeper on forest edges and beside forest roads, in clearings and open areas. Perennial.

I. hederifolia L.

Synnott 855. Fl Mar, July-Nov.
Small twining herbaceous climber, exotic and naturalised in woodland and forest edges. Annual.

I. obscura (L.) Ker-Gawl.

Synnott 1330. Fl Dec.
Twining herb in wooded grassland, Busingiro. Perennial.

I. shupangensis Bak.

Loveridge 93, Synnott 838. Fl Mar.
Perennial liane with semi-woody stem in forest edge and secondary forest.

I. sublobata (L.f.) O. Kuntze
Synnott 1438. Fl Mar.
Herbaceous climber among low herbs in forest edge.

Merremia pterygocaulos (Choisy) Hall.f.
Synnott 714. Fl Oct.
Perennial twining herb on roadside and in colonising bushland.

SCROPHULARIACEAE

Artanema longifolium (L.) Vatke
Eggeling 2064, Synnott 1345. Fl June, Dec.
Herb to 1.5 m on old forest road, Waibira.

Lindernia sp.
Synnott 1507. Fl Aug.
Small herb on roadside.

GESNERIACEAE

Epithema tenue C.B. Cl.
Eggeling 1433, 2010. Fl May, June, Sept.
Herb growing among stones in forest stream.

BIGNONIACEAE

Kigelia africana (Lam.) Benth. Muikya
Fl Nov, Fr May.
Spreading woodland tree in Kitigo area north of Budongo.

Markhamia lutea (Benth.) K. Schum. Fl July, Sept, Oct, Dec.
Eggeling 1549, 1550.
Colonising forest tree, widespread on roadsides and forest edges. Formerly
planted as a boundary marker on forest edges. (M. platycalyx)

Spathodea campanulata P. Beauv. Munyara, Ekinyara
Eggeling 1406. Fl Apr, July-Dec, Fr Feb.
Colonising forest tree, reported by Eggeling in Colonising Woodland not
dominated by Acanthus and Maesopsis (10), and now widespread in young secondary
forest and forest edges and on roadsides. (S. nilotica)

Stereospermum kunthianum Cham. Mulemangundu
Eggeling 1163, Sangster 18, Synnott 1448. Fl Jan-Mar, Fr Mar, Apr.
Small tree in wooded grassland around Biiso and Busingiro.

ACANTHACEAE

Acanthus pubescens (Oliv.) Engl.

Kitigo, Matogo

Eggeling 1460.

Fl Jan-Mar, Dec, Fr Feb-May.

Shrub, abundant on many colonising forest edges and roadsides when protected from fire; a characteristic component of colonising forest and woodland in many areas, as around Little Kasenene Hill and some parts of the Kitigo wooded grassland. This shrub is able to extend into grassland, gradually suppressing grasses, especially if fires are early and not severe. It often develops into Maesopsis forest. Some flowers can be seen at almost all times of the year, with fewest in April-June.

A. ueleensis De. Wild. subsp. ueleensis

Eggeling 2272, Synnott 751.

Fl Nov.

Perennial herb or shrub in understorey of closed forest, one of very few species with variegated leaves. Rare.

Adhatoda englerana (Lindau) C.B.Cl.

Synnott 643.

Fl Aug.

Small shrub in secondary forest beside Kitigo road, Biiso block. Elsewhere, a bushland plant.

A. schimperiana Hochst. ex Nees

Synnott 489.

Fl Dec.

Shrub in old unlogged forest beside elephant control road.

Anisotes macrophyllus (Lindau) Heine

Synnott 488, 1344.

Fl Dec.

Shrub in understorey of old undisturbed forest along elephant control road, N. Waibira.

Asystasia gangetica (L.) T. Anders.

Eggeling 1436, Synnott 902.

Fl Apr, Oct.

Trailing herb, abundant in woodland and roadsides, Busingiro.

A. vogeliana Benth.

Eggeling 1463, FD 452, Sangster 17, Synnott 795, 1348. Fl Nov, Dec, Fr Jan.

Straggling herb, widespread and abundant on old forest roads, in young colonising or secondary forest, and in mature forest.

Barleria brownii S. Moore

Eggeling 2304, Harris 148, Synnott 491, 749, 1324.

Fl Nov, Dec.

Semi-woody climber or straggling shrub in old closed forest and beside roads through forest.

Brachystephanus africanus S. Moore

Dawe 995, FD 1465, Osmaston 631, Synnott 602.

Fl Apr, May.

Herb in closed forests.

B. coeruleus S. Moore

Synnott 773, 822.

Fl Feb, Nov.

Forest herb, collected in old riverine forest and in colonising forest near footpath.

Brillantaisia eminii Lindau

Eggeling 1434.

Fl Oct.

Herb, locally frequent in swamp forest.

B. madagascariensis Lindau

Synnott 769.

Fl Nov.

Forest herb to 1 m, in undisturbed stream-side forest, Nyakafunjo Nature Reserve.

B. nyanzarum Burkill

Eggeling 1418, 1577, Synnott 1352.

Fl Sept, Dec.

Herb, in damp places on roadsides and forest gaps and locally frequent in swamp forest.

B. spp.

Eggeling 2290, Synnott 742, 763.

Fl Nov, Dec.

Forest herbs, locally frequent along roads, footpaths and previously along elephant tracks (10).

Crossandra nilotica Oliv. subsp. nilotica

Dawe 834, Eggeling 1211, Synnott 774.

Fl Apr, Nov.

Herb, 50 cm, in closed evergreen and riparian forest, collected near R. Sonso.

C. sp.

Synnott 517.

Fl Jan.

Stragglng semi-woody understorey herb to 4 m, in secondary forest by road through Biiso block.

Crossandrella dusenii (Lindau) S. Moore

Eggeling 1410.

Fl and Fr Sept.

Herb locally frequent in old mixed forest.

Dicliptera colorata C.B. Cl. vel sp.aff.

Omufoka, omuhindikira

Taylor 3299, Dawkins 688, Synnott 783, 804.

Fl Feb, Dec.

Low forest herb or subshrub, on forest edge, roadsides and footpaths and in old closed forest.

Dyschoriste perrottetii (Nees) O. Kuntze

Synnott 1505.

Fl Aug.

Herb beside old forest road.

Elytraria marginata Vahl

Synnott 717.

Fl Oct, Nov.

Small forest herb with leaf-rosette, on footpaths and tracks.

Hypoestes aristata (Vahl) Roem. & Schult.

Eggeling 2283, Synnott 712, 1430.

Fl Feb, Oct, Nov.

Herb in closed forest and by forest roads.

Isoglossa rungioides S. Moore

Eggeling 2285, Synnott 779.

Fl Nov, Dec.

Semi-woody herb in old closed forest.

I. sp.

Eggeling 5490, Sangster 5207. Fl Nov.
Semiwoody understorey shrub or small tree.

Justicia flava Vahl

Synnott 709. Fl Oct, Nov.
Herbaceous climber 4 m beside forest road through Biiso block.

J. glabra Roxb.

Sangster 22, Synnott 710, 718. Fl Jan, Oct.
Herb in colonising forest, beside forest roads and in old forest areas, mainly in openings.

J. matammensis (Schweinf.) Oliv.

Synnott 1492. Fl June.
Herb on track under open colonising woodland forest.

J. schimperi (Hochst.) Dandy

Synnott 805. Fl Feb.
Herb in clearing in woodland, Busingiro.

J. uncinulata Oliv.

Synnott 937. Fl Apr.
Recumbent herb beside road, Busingiro.

J. sp. cf. J. striata (Klotzsch) Bullock

Synnott 1338. Fl Dec.
Herb on forest edge, Busingiro.

Lankesteria elegans T. Anders.

Dawe 994, Sangster 29, Dawkins 687, Synnott 507, Katende 1511. Fl Jan, Feb.
An abundant and locally dominant forest herb or subshrub 1-2(-4) metres high, especially on roadsides and old footpaths in unlogged old forest areas, not now frequent in logged and treated forests.

Macrorungia macrophylla C.B.Cl.

Eggeling 3831
Small understorey shrub in forest.

M. pubinervia (T. Anders.) C.B.Cl.

Eggeling 3831, Synnott 766. Fl Nov.
Understorey shrub 3 m beside old elephant control road in undisturbed forest, North Waibira.

Mellera lobulata S. Moore

Eggeling 1476, 1557, Dawkins 692, Synnott 514, 1327. Fl and Fr Jan-Mar, Dec.
Herb to 3 m, straggling and sometimes climbing, frequent in forest edges and in mature and secondary closed forest, mainly in openings.

Mendoncia gilgiana (Lindau) R. Ben.

Loveridge 106, Harris 143, Synnott 633, 661. Fl and Fr July-Nov.
Semi-woody clambering herb to 4 m frequent in colonising and secondary forest, Biiso block.

Monothecium aristatum T. Anders.

Synnott 1349.

Fl Dec.

Straggling herb in old undisturbed forest by elephant control road.

M. glandulosum Hochst.

Eggeling 3333

Fl Nov.

Frequent and locally dominant herb in undisturbed old forest.

Phaulopsis imbricata (Forssk.) Sweet

Synnott 764.

Fl Nov.

Herb on old road through closed forest.

P. sp.

Eggeling 2308, Synnott 1326, 1332.

Fl Nov, Dec.

Forest herbs growing near tracks.

Pseuderanthemum ludovicianum (Buettner) Lindau

Brasnett FD 241, Synnott 502, 747, 1325.

Fl Nov, Dec.

Straggling semi-woody herb or shrub to 4 m, frequent along forest roads and tracks and in mature and secondary closed forest.

P. tunicatum (Afz.) Milne-Redhead

Eggeling 2273, Synnott 781, 1328, 1351.

Fl Nov, Dec.

Herb to 3 m, frequent in colonising and old undisturbed forest areas, in shade.

Stenandriopsis guineensis (Nees) R. Benoist

Eggeling 2130, Synnott 626, 1523.

Fl Aug.

Herb in old closed forest.

Thunbergia alata Sims

Synnott 842.

Fl Mar.

Perennial twining herb, frequent in woodland, bushland and thickets.

T. bogoroensis De Wild.

Loveridge 134.

Forest herb, near streams.

T. erecta (Benth.) Hook.

Shrub 1-2 m high in forest undergrowth, usually in damp places. Collected in Rabongo forest, so probably occurs in Budongo.

T. fasciculata Lindau

Eggeling 1377, 1432, Loveridge 120, Lye 4018, Synnott 684. Fl Aug-Oct.

Small semi-woody climber, occasional on forest edges, old forest roadsides and in young forest.

T. petersiana Lindau

Harris in Brasnett 830.

Erect or straggling herb in forest and forest edges.

T. vogeliana Benth.

Eggeling 2181, Synnott 677.

Fl Sept.

Shrub, sometimes scandent, up to 4 m high in undergrowth of closed forest.

Whitfieldia elongata (Beauv.) C.B.Cl.

Eggeling 1552, Synnott 741.

Fl Nov-Jan.

Shrub or large herb, abundant in closed forest and roadsides.

VERBENACEAE

Clerodendrum angolense Guerke
Harris 162, Balyaha 1.69.

Fl Nov, Dec.

C. buchholzii Guerke

Eggeling 2207, 2271, Lind 3168, Synnott 739. Fl Sept, Nov, Fr Nov.
Liane in old closed forest or a scrambling shrub.

C. capitatum Schum. & Thonn.

Synnott 1312.

Fr Oct.

Climber, occasionally a shrub, in colonising forest, forest edges, woodland.

C. cordifolium A. Rich.

Synnott 532.

Fl Mar.

Semi-woody subshrub in wooded grassland, Kitigo area.

C. melanocrater Guerke

Harris 145, Eggeling 2232, Synnott 1323. Fl Sept, Dec, Fr Oct.

Woody climber over low shrubs by elephant control road through unlogged forest, Waibira.

C. myricoides (Hochst.) Vatke

Synnott 876.

Fl Apr.

Semi-woody shrub on edge of thicket, Nature Reserve.

C. rotundifolium Oliv.

Synnott 1486.

Fl June.

Shrub in thicket on Busingiro Hill.

C. triplinerve Rolfe

Synnott 1529.

Fr Aug.

Woody climber in forest edge, Buchanana.

C. sp.

Synnott 680.

Fl Sept.

Unbranched shrub 3 m in understorey of old mixed forest.

Lantana trifolia L.

Synnott 903.

Fl and Fr Apr.

Shrub to 2 m in woodland, Busingiro, and in thickets and forest edges.

Premna angolensis Guerke

Harris 124, Eggeling 2049, 3042, Synnott 919.

Muhororo
Fl Apr, June.

Tree to 15 m in forest edges and colonising forest.

Vitex doniana Sweet

Eggeling 1168, Synnott 536.

Muhomozi
Fl Mar, Apr, Fr Jan, July-Dec.

Woodland tree, usually 10-15 m, frequent around Busingiro and Biiso. Deciduous.

V. ferruginea Schumach. & Thonn.

Eggeling 1150, 1206, 3046.

Lwata
Fl Mar, Apr.

Small understory forest tree to 15 m mainly in forest edges.

V. fischeri Guerke

Styles 329.

Fl and Fr Jan.

Bush or small tree in wooded grassland.

LABIATAE

Achyrospermum parviflorum S. Moore

Bagshawe 927, Eggeling 1467, Hancock 4/38.

Fl Dec.

Semi-woody herb, small or clambering shrub in closed forest.

Hoslundia opposita Vahl

Harris 89, Sangster 200.

Fl Mar-Oct, Fr Apr-Oct.

Shrub to 2 m abundant in forest edges and thickets.

Leucas deflexa Hook. f.

Synnott 1320.

Fl Dec.

Semi-woody herb in an open clearing surrounded by forest.

L. schweinfurthii Guerke (?)

Synnott 1337.

Fl Dec.

Shrub to 2.5 m in wooded grassland near forest edge, Busingiro.

Ocimum lamiifolium Benth.

Synnott 579, 923.

Fl Apr, May.

Shrub in grassland in Kitigo area near forest edge, R. Sonso.

ANGIOSPERMAE: MONOCOTYLEDONES

HYDROCHARITACEAE

Ottelia ulvifolia Walp.

Eggeling 2183.

Fl Sept.

Perennial herb in forest streams and swampy pools.

NAJADACEAE

Najas graminea Del.

Eggeling 2279.

Submerged aquatic herb in rivers and swamps, collected near R. Sonso.

COMMELINACEAE

Aneilema aequinoctiale (P. Beauv.) Kunth

Synnott 734.

Fl Nov.

Herb to 1.5 m near river and roadside in forest.

A. beniniense (P. Beauv.) Kunth

Eggeling 2292, Sangster 544, Faden 69/1073, Synnott 722.

Fl Mar, Sept, Oct,

Nov.

Straggling forest herb.

Commelina capitata Benth.

Harris 151, Synnott 759, 1315. Fl Nov.
Forest herb, collected under shade of secondary forest, Biiso block.

C. congesta C.B.Cl.

Faden 69/1075 Fl Sept.
Forest herb.

C. diffusa Burm. f.

Sangster 543. Fl Mar.
Forest herb, particularly in wet areas.

C. imberbis Hassk.

Sangster 584. Fl July.
Herb, particularly in open or disturbed areas and forest edge.

C. zambesica C.B.Cl.

Synnott 894. Fl Apr.
Herb in grassland and woodland, Busingiro.

Floscopa africana (P. Beauv.) C.B.Cl. var. africana

Eggeling 2284, Faden 69/1083. Fl Sept, Nov.
Forest herb, in old closed forest.

Palisota schweinfurthii C.B.Cl.

Eggeling 1220, 2011, Faden 69/1089, Synnott 563, 1515. Fl Apr, May, Aug, Sept.
Herb to 2 m under shade of closed colonising and old forest, especially in wet forest.

Pollia condensata C.B.Cl.

Synnott 567, 755, Faden 69/1086 Fl May, Sept, Nov.
Forest herb to 1 m, widespread in closed forest areas.

P. mannii C.B.Cl.

Synnott 726, 858, Stewart in E.A. 14171, Faden 69/1078 Fl Apr, Oct.
Herb in closed forest.

Polyspatha hirsuta Milbdr.

Stewart in E.A. 14170
Forest herb.

P. paniculata Benth.

Synnott 782, 852, 1490, Stewart in E.A. 14172 Fl Mar, June, Dec.
Herb in closed logged and unlogged forest.

Stanfieldiella imperforata (C.B.Cl.) Brenan

Eggeling 2105, Faden 69/1082, Synnott 676, 845. Fl Mar, July, Sept.
Forest herb.

ZINGIBERACEAE

Afromomum alboviolaceum (Ridley) K. Schum.

Synnott 882.

Fl Apr.

Herb in wooded grassland, Busingiro.

A. mala Loes.

Synnott 856, 885.

Fl Mar, Apr, Fr Apr.

Herb to 3 m in colonising and secondary forest. Yellow flowers.

A. mildbraedii Loes.

Dawkins 555, Synnott 813, 925, 1451, 1608.

Fl and Fr Feb-Apr.

Forest herb in colonising forest near Busingiro, locally abundant. Up to 50 cm tall; pale purple-pink flowers with broad labellum.

Costus dubius (Afzel.) K. Schum.

Synnott 917.

Fl Apr.

Herb by R. Sonso in forest on north edge of Budongo.

C. lucanusianus J. Braun and K. Schum.

Lye 4027, Synnott 604, 849.

Fl Mar-May, Sept.

Tall herb, mainly in small colonies near forest streams.

C. spectabilis (Fenzl) K. Schum.

Eggeling 4306.

Fl May.

Rosette herb in wooded grassland, collected near R. Sonso above escarpment.

Renealmia congolana De Wild. & T. Dur.

Synnott 682.

Fr Sept, Oct.

Forest herb.

R. sp.

Sangster 163, 572.

Fr Sept.

Forest herb collected at Munyama, Budongo.

Siphonochilus brachystemon (K. Schum.) B.L. Burtt

Eggeling 1197, Dawkins 547, Synnott 575, 863, Purseglove 989.

Fl Apr, May.

Forest herb, locally frequent in secondary, mature and swamp forest, often scattered a few metres apart. (Syn.: Kaempferia)

S. kirkii (Hook. f.) B.L. Burtt

Eggeling 1215.

Fl Apr.

Herb in wooded and bushed grassland, including Kitigo woodland.

MARANTACEAE

Ataenidia conferta (Benth.) Milne-Redh.

Synnott 736, 897.

Fl Apr, Nov.

Forest herb to 1.5 m, mainly in damp areas and beside streams.

Marantochloa holostachya (Bak.) Hutch.

Dawkins 808.

Fl and Fr Aug.

Rare herb in old Cynometra forest.

M. leucantha (K. Schum.) Milne-Redh. Emiyoro
Synnott 568, 824. Fl Feb, Apr, May, Fr Nov, Dec.
Forest herb, widespread and frequent in colonising and secondary forest.

M. purpurea (Ridl.) Milne-Redh.
Synnott 735, 860. Fl Apr, Nov, Fr Apr.
Herb to 2 m, mainly in swamp forests and near streams.

Trachyphrynium braunianum (K. Schum.) Bak.
Synnott 556, 859. Fl and Fr Apr.
Herbaceous subshrub in secondary forest and near forest roads.

LILIACEAE

Asparagus flagellaris (Kunth) Bak.
Synnott 796. Fr Feb.
Semi-woody scrambler in woodland and forest edges, Busingiro. This and other species are found in woodlands around Budongo and occasionally in gaps in colonising or secondary forest.

Chlorophytum filipendulum Bak.
Synnott 720. Fl Oct.
Forest herb in old logged and unlogged forest.

Drimia altissima (L.f.) Ker-Gawl.
Synnott 1426.
Tall herb in regularly burned wooded grassland, Busingiro hill.

Gloriosa simplex L.
Synnott 577. Fl Apr, May.
Twining herb, widespread and frequent in woodland and on forest edges.

SMILACACEAE

Smilax anceps Willd.
Synnott 1113. Fr Aug.
Climber in secondary forest, Biiso block.

ARACEAE

Amorphophallus abyssinicus (A. Rich.) N.E.Br.
Synnott 866. Fl Apr.
Herb in wooded grassland, Busingiro.

A. calabaricus N.E.Br.
Synnott 583, 620, 1080. Fl May, Fr July.
Forest herb, to 1 m collected beside roads through mature secondary and unlogged forest.

Anchomanes difformis (Blume) Engl.
Synnott 561, 627, 918.
Tall forest herb in closed forest.

Fr Apr.

Culcasia scandens Beauv.
Synnott 843.

Fr Mar.

Herbaceous climber in closed forest, frequent in wet areas.

Pistia stratiotes L.

Floating herb on small ponds in and out of forest areas.

AMARYLLIDACEAE

Scadoxus cinnabarinus (Decne.) Friis & Nordal

Greenway & Eggeling 7351, Eggeling 1998, Synnott 539, 554. Fl Mar-May, Fr Apr, May, Nov, Dec.

Herb in closed forest, mainly in areas of old forest or secondary forest resulting from logging in old forest. (Syn.: Haemanthus)

S. multiflorus (Martyn) Raf.

Fl Feb, Mar, Dec.

Herb in woodland, thickets and in forest edges, closed colonising forest and by forest roads.

DIOSCOREACEAE

Dioscorea bulbifera L.

Dawe 753.

Collected in Bunyoro, probably occurs in Budongo. Climber.

D. dumetorum Pax

Ruliga

Eggeling 2315, Synnott 625, 1489.

Fr July-Nov.

Climber in wooded grassland near forest edge of Biiso block.

D. lecardii De Wild.

Eggeling 2060, Synnott 1488.

Fl and Fr June.

Climber in woodland, Busingiro.

D. odoratissima Pax

Dawe 825.

Collected in Bunyoro, probably occurs in Budongo. Climber in closed forest.

D. sansibarensis Pax

Forest climber, collected in Rabongo forest (19), so probably in Budongo.

D. schimperiana Kunth

Kyembwe

Eggeling 2313, Synnott 1082, 1088.

Fl July, Fr July, Nov.

Climber in forest edge, Busingiro hill.

AGAVACEAE

Dracaena fragrans Ker-Gawl.

Eggeling 1423, 3828

Fl Mar, Sept.

Forest herb or subshrub, reported as rare in old closed forest. (10)

D. laxissima Engl.

Forest shrub, recorded by Eggeling as frequent especially near streams or in swamp forest. (10).

D. steudneri Engl. var. kilimandscharica Engl.

Synnott 1445.

Fr Mar.

Small shrub in secondary forest.

PALMAE

Calamus deerratus Mann & Wendl.

Eggeling 1626, Synnott 1469, Katende K702.

Fl Sept, Fr Mar.

Tall woody climber in old forest areas, abundant along streams and in swamp forest.

Eremospatha haullevilleana De Wild.

Eggeling s.n. (2009?)

Clustering climbing palm to 25 m or more in riverine or swamp forest, collected near Busingiro.

Phoenix reclinata Jacq.

Lukindu

Eggeling 2192.

Fl Sept.

Tree, frequent in open forest in swamps and by rivers.

Raphia farinifera (Gaertn.) Hylander

Omuswale

Fr July, Aug.

Rare but locally gregarious tree in riverine or swamp forest.

PANDANACEAE

Pandanus ugandaensis St. John

Eggeling 3061.

Fr July.

Small tree, rare, beside forest streams.

HYPOXIDACEAE

Hypoxis sp.

Eggeling 4377, Synnott 892.

Fl Apr, May.

Herb in wooded grassland, Busingiro.

BURMANNIACEAE

Afrothismia winkleri Schltr.

Eggeling 4041.

Saprophytic herb, very rare, in closed forest.

ORCHIDACEAE

Aerangis calantha (Schltr.) Schltr.

Eggeling 5461.

Fl Mar-May, Fr Nov.

Epiphyte in old forest, recorded growing at 15-20 m in trees of 20-35 m, including Cynometra, Celtis wightii and C. zenkeri, and also at low levels on twigs and branches and in hedges.

A. collum-cygni Summerh.

Eggeling 2076, 5537, Synnott 508, 614.

Fl June, Fr Jan.

Epiphyte in closed forest, collected at 3 m on Rothmannia whitfieldii and in hedges.

A. kotschyana (Rehb. f.) Schltr.

Dawe 799.

Fl Apr.

Epiphyte on old trees in woodland, often in tree crowns, sometimes in forest.

A. luteo-alba (Kraenzl.) Schltr. var. rhodosticta (Kraenzl.) J. Stewart

Eggeling 2185, 4048, 5447, Harris 137.

Fl Sept.

Epiphyte, in colonising forest, and recorded at 3-4 m on Caloncoba.

Ancistrochilus rothschildianus O'Brien

Eggeling 1454, 2236, 3837, 5462, Synnott 760, Stewart 1406

Fl Nov.

Epiphyte, at low or medium heights (e.g. 4 m) on stems of trees, often large and smooth-barked; frequent.

Ancistrorhynchus capitatus (Lindl.) Summerh.

Epiphyte, recorded for Budongo (Leakey p.c.).

A. metteniae (Kraenzl.) Summerh.

Synnott 557, 616.

Fl Apr, July.

Forest epiphyte.

A. ovatus Summerh.

Eggeling 2048, 3360, 5184.

Fl June, Fr Dec.

Epiphyte, in branches and crowns of trees in colonising and old forest, frequent. Recorded at 7-12 m in Terminalia glaucescens and Sapium in colonising forest, and at 33-35 m in Mildbraediodendron and Alstonia of over 40 m.

A. recurvus Finet

Eggeling 5503, Stewart 1283

Fl Apr, May, Fr Dec.

Forest epiphyte.

A. sp. cf. straussii (Schltr.) Schltr.

Forest epiphyte, reported by Leakey (p.c.).

Angraecopsis gracillima (Rolfe) Summerh.
Forest epiphyte reported by H. Meyer (p.c.)

A. macrophylla Summerh.
Eggeling 5386
Forest epiphyte.

Angraecum chevalieri Summerh.
Eggeling 3965, 5464, Stewart 1208. Fl May, Nov.
Forest epiphyte.

A. firthii Summerh.
Eggeling 3358. Fl June.
Forest epiphyte.

A. infundibulare Lindl.
Eggeling 2040, 5491, Stewart 1421. Fl Apr, June.
Forest epiphyte, frequent on shaded branches, often near water. Recorded on Cynometra and other trees at heights of 5-33 m, in old closed forest.

Ansellia africana Lindl.
Forest epiphyte reported by H. Meyer (p.c.)

Bolusiella iridifolia (Rolfe) Schltr.
Eggeling 5193. Fl Sept, Fr Dec.
Epiphyte in old closed forest. Recorded in crown of Alstonia.

B. maudae (Bulus) Schltr.
Eggeling 2245, 4045, Stewart 1247. Fl Aug, Oct.
Epiphyte in old closed forest. Recorded in crowns of Alstonia and Cynometra.

Bulbophyllum bequaertii De Wild.
Stewart 1275.
Forest epiphyte.

B. buntingii Rendle
Eggeling 2092, 4046, Sangster 559, Stewart 1167. Fl Aug-Oct.
Forest epiphyte.

B. falcatum (Lindl.) Rchb. f.
Eggeling 2317, 5214. Fl Oct, Nov, Fr Dec.
Forest epiphyte.

B. mahonii Rolfe
Forest epiphyte, recorded for Budongo (Leakey) as B. schlechteri De Wild.

B. maximum (Lindl.) Reichb. f.
Eggeling 2133
Epiphyte in forest.

B. scaberulum (Rolfe) Bolus
Eggeling 3359, 5276. Fl Apr, Fr June, July.
Epiphyte. Collected on Terminalia glaucescens and other trees.

Calanthe sylvatica (Thou.) Lindl.

Eggeling 2106.

Fl July.

Groundherb, reported occasional in closed colonising, mixed or Cynometra forest (as C. corymbosa).

Calypetrochilum christyanum Summerh.

Eggeling 2054, 3340.

Fl Apr-June.

Frequent epiphyte in tree crowns in colonising, mixed and Cynometra forest. Recorded on Caloncoba, Alstonia, Khaya, Cynometra, Celtis wightii and C. zenkeri

C. emarginatum (Sw.) Schltr.

Fl Apr.

Observed growing in trunk of large Parkia in undisturbed old forest, by elephant control road, Waibira block (not collected).

Chamaeangis odoratissima (Rehb. f.) Schltr.

Recorded for Budongo (31).

Forest epiphyte, usually on tree trunks.

C. vesicata (Lindl.) Schltr.

Eggeling 2103, 4044, 5361, Stewart 1441

Fl July-Sept.

Forest epiphyte in tree crowns in old closed forest. Recorded on Celtis wightii and Cynometra.

Corymborkis corymbosa Thou.

Eggeling 3396.

Fl June.

Ground herb, reported frequent in some old closed forest areas.

Cyrtorchis arcuata (Lindl.) Schltr. var. variabilis Summerh.

Eggeling 2074.

Fl June.

Forest epiphyte.

C. monteiroae Schltr.

Eggeling 5465.

Fl Oct.

Forest epiphyte, recorded in canopy of large Cynometra and in swamp forest.

C. neglecta Summerh.

Forest epiphyte, recorded for Budongo (Leakey, p.c.).

C. praetermissa Summerh.

Eggeling 5449.

Fl Oct.

Forest epiphyte, occasional in old closed forest. Recorded in canopies of Cynometra.

Diaphananthe bidens (Rolfe) Schltr.

Eggeling 5191

Fr Dec.

Forest epiphyte, recorded in old closed forest; reported as occurring near water, usually on ground (Leakey, p.c.)

D. buaea (Schltr.) Schltr.

Forest epiphyte reported by Meyer (p.c.)

D. cuneata Summerh.

Epiphyte in open forest, west Budongo (Meyer, p.c.)

D. densiflora (Summerh.) Summerh.

Eggeling 1431, 2172, 5478, Hancock 13A.

Fl Sept, Fr Nov.

Epiphyte in canopy of tall trees in old closed forest, recorded in Alstonia, Klainedoxa and Guarea.

D. fragrantissima (Reichb. f.) Schltr.

Eggeling 2228, 5188, Synnott 716.

Fl Sept, Oct, Fr Dec.

Epiphyte in tree crowns in closed woodland and in old forest. Recorded in Terminalia glaucescens, Khaya, Cynometra and Celtis zenkeri and in planted Hevea near Budongo.

D. kamerunensis Schltr.

Epiphyte, locally abundant on trunks of large trees (C. Leakey, p.c.)

D. rutila (Rchb. f.) Summerh.

Eggeling 1408, 2226, 2229, 2238, 5192, Lye 4034.

Fl Sept.

Forest epiphyte, abundant in crowns of canopy and understorey trees in old closed forest. Recorded on Klainedoxa, Cynometra, Rinorea, Celtis wightii, C. zenkeri, Lasiodiscus mildbraedii.

D. stolzii Schltr.

Forest epiphyte, reported for Budongo, unconfirmed.

D. ugandensis (Rendle) Summerh.

Eggeling 5538.

Fl Nov.

Forest epiphyte.

D. xanthopollinia (Rchb. f.) Summerh.

Eggeling 4047, 5189.

Fl Aug, Sept, Fr Dec.

Forest epiphyte, frequent in tree crowns in colonising, mixed and Cynometra forest. Recorded on Caloncoba, Alstonia, Klainedoxa, Khaya and Cynometra.

Disa welwitschii Reichb. f.

Eggeling 3033.

Fl June.

Ground herb collected in damp grasslands and swamps, near Budongo.

Disperis aphylla Kraenzl. subsp. aphylla

Brown 39.

Fl June.

Ground herb collected in Bunyoro in 1907 in leaf litter of dense evergreen forest, possibly Budongo.

D. togoensis Schltr.

Osmaston 716.

Fl Aug.

Ground herb collected in grassland on Nyabyeya hill.

Distylodon comptum Summerh.

Eggeling 5381

Fl Apr, July.

Eulophia quartiniana A. Rich.

Synnott 890.

Fl Apr.

Ground herb growing on roadside near Biiso village, west of Busingiro, in bushed grassland area (not in Budongo Forest Reserve).

E. sp.

Synnott 1473.

Fl Mar.

Ground herb in wooded grassland, Busingiro.

Graphorkis lurida (Sw.) Kuntze

Eggeling 5183, Synnott 785.

Fl Dec.

Epiphyte on stems and branches of trees in old closed forest and colonising forest. Recorded on Phyllanthus, Alstonia, Cynometra.

Habenaria buettneriana Kraenzl.

Eggeling 2142.

Fl Aug.

Ground herb in rainforest.

H. genuflexa Rendle

Eggeling 3054

Fl July.

Herb in wet grassland near Budongo.

H. macrandra Lindl.

Eggeling 2262.

Fl Oct.

Ground herb in rainforest.

H. procera (Sw.) Lindl.

Tweedie 2736.

Forest herb, reported as usually epiphytic among ferns and mosses on tree trunks.

H. zambesina Reichb. f.

Synnott 1479.

Fl June.

Ground herb in woodland, Busingiro.

Liparis caillei Finet

Eggeling 2056, 2071, 5533

Fl May, June.

Epiphyte on mossy trees, often overhanging rivers (19).

L. epiphytica Schltr.

Forest epiphytic recorded for Budongo (Leakey p.c.).

L. tridens Kraenzl.

Eggeling 2055, 5215, Stewart 1213.

Fl June.

Epiphyte, recorded in old closed forest, on Cynometra and Celtis wightii in canopy.

Malaxis prorepens (Kraenzl.) Summerh.

Fl Apr.

Ground herb in old closed forest, Nyakafunjo Nature Reserve. E. Brown 391 was probably from Budongo. Live collections by Leakey and Harrington.

Microcoelia caespitosa (Rolfe) Summerh.

Eggeling 5238.

Fl June, Sept.

Forest epiphyte.

M. globulosa (Hochst.) L. Jonsson

Eggeling 5493.

Fl Feb, Dec, Fr Apr.

Epiphyte collected on Terminalia glaucescens on forest edge, Budongo.

M. koehleri (Schltr.) Summerh.

Eggeling 5234

Fl June, Sept.

Epiphyte in crowns of forest trees.

M. macrorrhynchia (Schltr.) Summerh.

Eggeling 5213.

Fl Mar, Fr Dec.

Epiphyte in understory of old closed forest.

M. microglossa Summerh.

Eggeling 5450.

Fl Oct.

Forest epiphyte.

Nephrangis filiformis (Schltr.) Summerh.

Eggeling 2143, 5380, Stewart 1265.

Epiphyte, noted in tree crowns in old closed forest. Recorded in Cynometra.

Nervilia adolphi Schltr. var seposita N. Halle & Toilliez.

Synnott 1091.

Fl Feb.

Ground herb, locally (and periodically) abundant in wooded grassland, Busingiro Hill, in some relatively open areas. Variegated leaves with purple underside.

N. kotschyi (Reichb. f.) Schltr.

Eggeling 3862.

Ground herb, occasional in young forest or woodland near Busingiro.

Oberonia disticha (Lam.) Schltr.

Eggeling 5212, Purseglove 987.

Fl Apr, Fr Dec.

Epiphyte in canopies of trees in old closed forest. Recorded on Celtis wightii and Cynometra.

Oeceoclades lubbersiana (De Wild.) Garay & Taylor

Eggeling 1199, 5352, Greenway and Eggeling 7346, Synnott 521, 526, 853, 896.

Fl Feb-Apr, Aug.

Ground herb, widespread, mainly in old closed forest with Cynometra. Some collections identified as Eulophidium ledienii. Variegated leaves.

O. maculata (Lindl.) Lindl.

Synnott 655.

Fl Aug-Sept.

Ground herb, found in colonising forest, Busingiro.

O. saundersiana (Reichb. f.) Garay & Taylor

Groundherb, rare but locally abundant in old closed forest in Nature Reserve, Nyakafunjo.

O. ugandae (Rolfe) Garay & Taylor (= Eulophidium latifolium)

Leakey s.n.

Ground herb in closed forest.

Podangis dactyloceras Schltr.

Eggeling 1212, Stewart 1460.

Epiphyte in canopies of trees in old closed forest. Recorded on Cynometra (12).

P. sp.

Eggeling 5387

Polystachya adansoniae Reichb. f.

Purseglove 988, Stewart 1245.

Fl Aug.

Forest epiphyte.

P. caloglossa Reichb. f.

Eggeling 2078, Stewart 1274.

Fl June.

Forest epiphyte. Recorded as P. laxiflora on Celtis zenkeri (12).

P. concreta Garay & Sweet.

Eggeling 2075, 5190, Synnot 1418, Stewart 1239. Fl June, July, Fr Dec.

Epiphyte, in colonising forest and in old closed forest. Recorded on Phyllanthus, Terminalia glaucescens, Sapium, Caloncoba.

P. cultriformis (Thou.) Spreng.

Eggeling 2125, Stewart 1270.

Fl July.

Forest epiphyte.

P. fulvilabia Schltr.

Eggeling 2077, 3037, 3062, 5375.

Fl Apr-July, Fr Sept.

Forest epiphyte, on tree branches.

P. golungensis Reichb. f.

Eggeling 2318, 5467, Stewart 1462.

Fl Nov, Dec.

Forest epiphyte. Recorded on Cynometra.

P. modesta Reichb. f.

Eggeling 2132

Fl July.

Forest epiphyte.

P. odorata Lindl.

Eggeling 1231, 2035, 3036, 5195, 5199.

Fl May, June, Fr Dec.

Forest epiphyte.

P. paniculata (Sw.) Rolfe

Eggeling 2175, 2230, 5198, Sangster 560, Stewart 1463. Fl Sept.

Epiphyte in tree canopies in old, closed forest. Recorded on Alstonia, Khaya, Celtis zenkeri and Cynometra.

P. polychaete Kraenzl.

Eggeling 5472, 5487.

Fl Oct, Nov, Fr Dec.

Forest epiphyte.

P. stauroglossa Kraenzl.
Eggeling 1409, 2186, 5384.
Forest epiphyte.

Fl Sept.

P. stuhlmannii Kraenzl.
Eggeling 1359, 1411, 2173, 2231, 5196, Purseglove 988.
Epiphyte in tree crowns in old closed forest. Recorded on Alstonia, Khaya and Cynometra (12). (?P. andansoniae var. elongata.)

Fl Sept.

P. tenuissima Kraenzl.
Eggeling 2036, 2037, 2053, 5205, Stewart 1243.
Epiphyte in closed forest.

Fl June, Dec.

P. sp. nr. P. golungensis Reichb. f.
Eggeling 5187.

Fl Dec.

Forest epiphyte, noted by Summerhayes as probably a new species.

Rangaeris brachyceras (Summerh.) Summerh.

Forest epiphyte, reported on understorey trees and shrubs near water (Leakey p.c.).

R. muscicola (Reichb. f.) Summerh.

Eggeling 1233, 2057, 3315, 5207, Stewart 1253. Fl Apr-June, Fr Dec.
Forest epiphyte in old mixed forest. Recorded on Cynometra (12).

R. rhipsalisocia Summerh.

Leakey s.n., Stewart 1470.

Forest epiphyte, locally abundant on large trees.

Stolzia repens (Rolfe) Summerh.

Eggeling 2059, 5311, Synnott 1419.

Fl May, June.

Forest epiphyte in old closed forest. Recorded on Alstonia and Cynometra.

Triceratorhynchus viridiflorus Summerh.

Eggeling 2058, 5492.

Fl June.

Forest epiphyte, on low understorey shrubs.

Tridactyle tridactylites (Rolfe) Schltr.

Forest epiphyte recorded for Budongo (Leakey p.c.).

T. tridentata (Harv.) Schltr. var. subulifolia Summerh.

Eggeling 2087, 2277, 2235, 4051, 5277, Stewart 1229.

Fl Apr, June, Sept,

Oct, Dec.

Epiphyte in young and old closed forest, recorded on Terminalia glaucescens, Maesopsis, Mildbraediodendron and Cynometra.

Vanilla imperialis Kraenzl.

Eggeling 2062.

Fl and Fr June.

Climber, occasional in old closed forest.

CYPERACEAE

Mariscus cyperoides (L.) Urb.
Synnott 808. Fr Feb.
Sedge on footpath in secondary forest.

GRAMINEAE

Acroceras gabunense (Hack.) W.D. Clayton
Eggeling 4483, Dawkins 556. Fl Aug.
Herb in closed forest, locally frequent in colonising forest and on
footpath in old Mixed Forest.

A. macrum Stapf
Eggeling 4980 Fl Apr.
Small forest grass, usually in wet areas.

Andropogon gyanus Kunth var. polycladus (Hack.) W.D. Clayton
Eggeling 5362 Fl Aug.
Tall grass to 3.5 m in wooded grassland on hills like Busingiro
and Little Kasenene.

Arthroxon micans (Nees) Hochst.
Eggeling 5444 Fl Oct.
Herb on roadside, Busingiro.

Brachiaria brizantha (A. Rich.) Stapf
Very abundant in grassland and wooded grassland around western margins
of forest.

B. jubata (Fig. & De Not.) Stapf
Eggeling 5318 Fl May
Abundant in grassland and wooded grassland around northern and western
margins of forest.

B. scalaris Pilg.
Eggeling 5288 Fl July
Herb on Busingiro Hill.

Chloris pycnothrix Trin.
Eggeling 4300 Fl Apr.
Herb on Busingiro Hill.

Diplachne caudata K.Schum.
Eggeling 5463 Fl Nov.
Herb in forest stream.

Eleusine indica (L.) Gaertn.
Eggeling 4301. Fl Apr.
Herb on Busingiro, a weed of roadsides.

Eragrostis aspera (Jacq.) Nees

Eggeling 4673.

Fl Oct.

Herb in Busingiro garden. A weed of farmland and disturbed places.

E. cilianensis (All.) F.T. Hubbard

Eggeling 5174

A weed in Busingiro forest station garden.

E. tenuifolia (A. Rich.) Steud.

Eggeling 4299.

Fl Apr.

Herb on Busingiro in grassland and roadsides.

Harpachne schimperi A. Rich.

Eggeling 5457.

Fl Oct.

Herb on Busingiro Hill, in garden of Forest Station.

Hyparrhenia cymbaria (L.) Stapf

Eggeling 5478

One of the dominant taller grasses in western grasslands and wooded grasslands around the forest.

H. diplandra (Hack.) Stapf

Frequent in the western grasslands and wooded grasslands around the forest (10).

H. mutica W.D. Clayton

Buechner 130

Perennial in wooded grassland near Pabidi Forest.

H. rufa (Nees) Stapf

Eggeling 5314

Fl May

Frequent in the Kitigo and Kidwera areas, and around the western margins of the forest, in grassland and wooded grassland.

H. schimperi (A. Rich.) Stapf

Eggeling 4481

Frequent in the western grassland and wooded grassland around the forest margin.

Hyperthelia dissoluta (Steud.) W.D. Clayton

Eggeling 4291.

Fl Apr.

Herb on Busingiro.

Imperata cylindrica (L.) Raeuschel

Eggeling 4278

Frequent in western grassland and wooded grassland, especially on Busingiro and Little Kasenene Hills.

Leptaspis cochleata Thwaites

Eggeling 3434, 4303, Sangster 93, Synnott 827.

Fl and Fr Feb-Apr.

Herb, abundant in many closed forest areas, including old Mixed Forest, but not the unlogged Cynometra forest.

Loudetia arundinacea (A. Rich.) Steud.

Eggeling 4358

Herb in wooded grassland on Busingiro and Little Kasenene Hills.

Olyra latifolia L.

Kiteza

Eggeling 1413, 4348, 4985, Sangster 170, 542, Synnott 644. Fl and Fr Mar, May, July-Sept.

Forest herb occasional in all types of old, secondary and colonising forest, and more frequent on forest edges and along forest paths and roads.

Oplismenus hirtellus (L.) P. Beauv.

Eggeling 2287, 5454, 5455, 5456, Sangster 563, Synnott 702, 1109.

Fl and Fr Aug-Nov.

Forest herb, frequent in many forest types, locally dominant in some colonising forest and regenerating abundantly in forest edges and colonising forest after fire.

Oreobambos buchwaldii K. Schum.

Musekeseke

Eggeling 2084.

Fl June.

Bamboo, occasional in swamp forest, locally gregarious.

Oryza eichingeri A. Peter.

Eggeling 4712, 4978, 5180, 5453.

Fl Apr,

Oct-Dec.

Herb in Cynometra forest, rare (10).

O. punctata Steud.

Eggeling 5452.

Fl Oct.

Annual herb usually in open swampy areas.

Panicum brevifolium L.

Eggeling 5240

Fl Mar.

Small forest herb.

P. infestum Peters

Eggeling 5313

Fl May.

Uncommon herb in wooded grassland north of Budongo in Kitigo area.

P. maximum Jacq.

Eggeling 4315

Fl Apr, May

Widespread and frequent in grassland and woodland around western forest margins.

P. robynsii A. Camus

Eggeling 4304.

Fl Apr.

Small forest herb, annual.

P. trichocladum K. Schum.

Eggeling 5451.

Fl Oct.

Small herb on edge of tractor path in logged forest.

P. sp.

Eggeling 5240

Fl Mar.

Small forest herb.

Paspalum scrobiculatum L.

Eggeling 4294

Fl Apr.

Frequent in western grassland and wooded grassland around forest margin.

Pennisetum purpureum Schumach.

Abundant and dominant in large areas of grassland around Siba and in eastern and southern areas; less abundant in western and northern areas but still dominant on patches of richer soils. Maintained by frequent fires, and gradually replaced by woodland and eventually forest when protected.

Pseudechinolaena polystachya (Kunth) Stapf

Eggeling 5458, Synnott 700.

Fl Oct, Nov.

Herb recorded in old Cynometra forest, and abundant on some old forest roads and paths.

Rottboellia cochinchinensis (Lour.) W.D. Clayton

Herb, recorded as rare in gaps in colonising woodland forest (10); usually a herb of woodland and bushland. Uncertain.

Setaria homonyma (Steud.) Chiov.

Eggeling 4297, 4298

Fl Apr.

Herb, Busingiro.

S. kagerensis Mez

Eggeling 4344.

Fl May.

Herb in wooded grassland.

S. longiseta P. Beauv.

Eggeling 4340

Fl May.

Abundant in western grassland and wooded grassland around Budongo.

S. megaphylla (Steud.) Dur. & Schinz

Eggeling 2301, 4345.

Fl May

Occasional herb in colonising forest (10). Collected in Biiso, outside the forest.

S. sphacelata (Schumach.) Moss

Eggeling 4292

Fl Apr.

One of the dominant shorter grasses in the western grasslands and wooded grasslands.

Sorghum arundinaceum (Desv.) Stapf

Eggeling 4346

Fl May.

Grass in wooded grassland around Biiso, west of forest.

Sporobolus molleri Hack.

Eggeling 4374

Grass in Busingiro Forest Station.

S. pyramidalis P. Beauv.

Eggeling 4296, 4347

Fl Apr, May.

Grass on Busingiro Hill and near western margin of forest.

Streptogyna crinita P. Beauv.

Eggeling 5179.

Fl Nov.

Perennial forest herb, occasional in ground layer in all forest types and locally abundant.

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