

Description for Additional Supplementary Files

File name: Supplementary Data 1

Description: Sampled species (specimen number; museum) and the ecological coding used to test the association between vertebral shape and the ecology of the species (locomotion) taken from the literature (see text for details). Abbreviations: UVA, Anatomical Museum of the Valladolid University (Spain); MNCN, National Museum of Natural Sciences (Madrid); NMS, National Museum of Scotland.

File name: Supplementary Data 2

Description: Results obtained from the Procrustes ANOVA to test the association between the ecology of taxa and the vertebral shape.

File name: Supplementary Data 3

Description: Results obtained from the Procrustes ANOVA to test the association between the ecology of taxa and vertebral shape excluding aquatic taxa.

File name: Supplementary Data 4

Description: Raw coordinates of the landmarks digitized in each vertebra that have been subject to analysis and constitute the source data underlying the graphs and charts presented in the main figures.