

A REVISION OF THE RECENT XENOPHORIDAE OF THE WORLD  
AND OF THE AUSTRALIAN FOSSIL SPECIES  
(MOLLUSCA, GASTROPODA)

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SUMMARY

The 25 Recent species and subspecies of the Xenophoridae are reviewed. Three subgenera are recognized within the only genus, *Xenophora*: *Stellaria* (with 5 species and 1 subspecies), *Onustus* (with 4 species), and *Xenophora* s.s. (with 13 species and 2 subspecies). A brief outline of the fossil history of the group and a general account of the anatomy and habits are given. A new species (*X. granulosa* sp. nov.) from the central Indo-Pacific and three new subspecies are described, one from the Hawaiian Islands (*X. peroniana kondoi* subsp. nov.), one from the Gulf of Aden (*X. testigera profunda* subsp. nov.), and one from the Kermadec Islands (*X. neozelanica kermadecensis* subsp. nov.). The fossil *Xenophora* known from Australia are reviewed and a new Upper Pliocene — Lower Pleistocene subspecies (*X. flindersi ludbrookae* subsp. nov.) and an unnamed Upper Cretaceous species are described.

The shell, and where known the radula, operculum and anatomy, are described for each species. The distribution and synonymy of each species is also given in detail. All of the species-group names of fossil *Xenophora* are listed (Appendix, with J. Cooper).

Fossil species occurring outside Australia are not revised with the exception of a few which have relevance to the taxonomy of Recent species.

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