

BRACHIOPODA

Compiled by C. M. Howson

The phylum Brachiopoda is a group of lophophorate organisms which have in the past frequently been classed with the phoronids and bryozoans in the phylum Lophophorata. The brachiopods are well represented in the fossil record, and have a long evolutionary history; there are many thousand fossil species known, but only about 300 living species. Their systematics have thus primarily been the province of paleontologists, and the resulting classification, reflecting the complex phylogeny of the group, is based on the large amount of descriptive work available on both fossil and recent species. The classification used in this checklist follows Ryland (1990) who provides good illustrations and descriptions of many of the British species.

This project has not been able to compile a list of living marine brachiopods for Europe. However, the list produced for Britain, Ireland and adjacent seas by Howson (1997) is considered a valuable starting point. This is the provided here. Indeed, it includes all the species recorded for Norwegian waters by Thomsen and Brattegard (1996).

The taxonomy of recent brachiopods and the species known from the British Isles have changed little since Brunton & Curry (1979), and the checklist is therefore based on this publication.

References

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SUBPHYLUM CRANIIFORMEA

Class Craniata

Order Craniida

Family Craniidae

Neocrania
anomala (O. F. Müller 1776)

SUBPHYLUM RHYNCHONELLIFORMEA

Class Rhynchonellata

Order Rhynchonellida

Family Cryptoporidae

Cryptopora
gnomon Jeffreys 1869

Family Hemithirididae

Hemithris
psittacea (Gmelin 1790)

Family Frieleiidae

Hispanirhynchia
cornea (Davidson 1887)

Order Terebratulida

Family Terebratulidae

Gryphus
vitreus (Born 1778)

Family Cancellothyrididae

Terebratulina
retusa (Linnaeus 1758)
septentrionalis (Couthouy 1838)

Family Megathyrididae

Argyrotheca
cistellula (Searles-Wood 1841)
Argyrotheca
cuneata (Risso 1826)

Family Gwynioidea

Gwynia
capsula (Jeffreys 1859)
Megathiris
detruncata (Gmelin 1790)

Family Platidiidae

Platidia
anomioides (Scacchi & Philippi 1844)
davidsoni (Deslongchamps 1885)

Family Kraussinidae

Megerli
truncata (Linnaeus 1767)

Family Dallinidae

Dallina
septigera (Lovén 1846)
Fallax
dalliniformis Atkins 1960
Glaciarcula
spitzbergensis (Davidson 1852)

Family Macandreviidae

Macandrevia
cranium (O. F. Müller 1776)