

saltatrix Ramachandran, 1973
sanguinea (Rudolphi, 1819)
scombresoxis Nikolaeva & Naidenova, 1964
tauridica Ivashkin, Naidenova, Kovaleva & Khromova, 1971
translucida Walton, 1927
Philometroides
oveni Parukhin, 1975
Phocascaris
cystophorae Berland, 1963
phocae Høst, 1932
Piscicapillaria
baylisi Moravec, 1987
Porrocaecum
sulcatum (Rudolphi, 1819)
Proleptus
acutus Dujardin, 1845
obtusus Dujardin, 1845
robustus (van Beneden, 1871)
Pseudalius
inflexus (Rudolphi, 1808)
Pseudanisakis
baylisi Gibson, 1973
Pseudocapillaria
adriatica (Nikolaeva & Naidenova, 1964)
bainae (Justine & Radujkovic, 1988)
salvelini (Polyansky, 1952)
Pseudoproleptus
sp.
Pseudoterranova
bulbosa (Cobb, 1888)
decipiens (Krabbe, 1878)
krabbei Paggi *et al.*, 2000
Raphidascaris
acus (Bloch, 1779)
adelinae (Condorelli-Francaviglia, 1898)
Rhabdochona
sp.
Skryabinialius
cryptocephalus Delyamure, 1942
guevarai Gallego & Selva, 1979
Spinitectoides
berlandi Petter, 1969
Spinitectus
oviflagellis Fourment, 1883
Stenurus
globicephalae Baylis & Daubney, 1925
minor (Kuhn, 1829)
ovatus (von Linstow, 1910)
Streptocara
crassicauda (Creplin, 1829)
Terranova
chiloscyllii Johnston & Mawson, 1951
galeocerdonis (Thwaite, 1927)
rochalimai (Pereira, 1935)
Tetrameres
fissispina (Diesing, 1861)

ACANTHOCEPHALA

Compiled by David I. Gibson

The list of acanthocephalan species was derived from the Host-Parasite Data-base and Catalogue maintained by the Parasitic Worms Division, Department of Zoology, The Natural History Museum. Some attempt has been made to restrict the list to valid taxa and to use that latest nomenclature.

The list was kindly commented upon by Prof. C.R. Kennedy and Dr Z.M. Dimitrova.

PHYLUM ACANTHOCEPHALA

Acanthocephaloides
distinctus Golvan, 1969
geneticus (Buron, Renaud & Euzet, 1985)
incrassatus (Molin, 1858)
propinquus (Dujardin, 1845)
Acanthocephalus
anguillae (Müller, 1780)
clavula Dujardin, 1845
lucii (Müller, 1777)
Acanthogygus
lizae Orecchia, Paggi & Radujkovic, 1988
Andracantha
phalacrocoracis (Yamaguti, 1939)
tunitae (Weiss, 1914)
Arhythmorhynchus
longicollis (Villot, 1875)
Aspersentis
johni (Baylis, 1929)
Bolbosoma
capitatum (von Linstow, 1880)
physeteris Gubanov, 1952
vasculosum (Rudolphi, 1819)
Breizacanthus
chabaudi Golvan, 1969
golvani Gaevskaja & Shukhgalter, 1984
irenae Golvan, 1969
ligur Paggi, Orecchia & Della Setta, 1975
Corynosoma
magdaleni Montreuil, 1958
semerme (Forsell, 1904)
strumosum (Rudolphi, 1802)
Echinorhynchus
armoricanus Golvan, 1969
bothniensis Zdzitowiecki & Valtonen, 1987
brayi Wayland, Sommerville & Gibson, 1999
calloti Golvan, 1969
cinctulus Porta, 1905
 = *E. borealis* Linstow, 1901
gadi Zoega in Müller, 1776
gadi sp. I of Väinölä Valtonen & Gibson (1994)
gadi sp. II of Väinölä Valtonen & Gibson (1994)
gadi sp. III of Väinölä Valtonen & Gibson (1994)
trachyrinci Wayland, Gibson & Sommerville, 1997
Euzetacanthus
simplex (Rudolphi, 1810)
Floridosentis
mugilis (Machado, 1951)
Golvanacanthus
blennii Paggi & Orecchia, 1972
problematicus Mordvinova & Parukhin, 1978
Gorgorhynchus
robertdolfusi Golvan, 1956
Illiosentis
africanus (Golvan, 1955)
Leptorhynchoides
plagicephalus (Westrum, 1821)
Metechinorhynchus
salmonis (Müller, 1780)
truttae (Schrank, 1788)
Neoechinorhynchus
agilis (Rudolphi, 1819)

rutili (Müller, 1780)
tylosuri Yamaguti, 1939
Neorhadiorhynchus
atlanticus Gaevskaja & Nigmatulin, 1977
myctophumi Mordinova, 1988
Paracanthocephaloides
chabanaudi (Dollfus, 1951)
Plagiorhynchus
charadrii (Yamaguti, 1939)
charadriicola (Dollfus, 1953)
crassicollis (Villot, 1875)
phippii Kostylev, 1922
ponticus Lisitsina, 1992
Polymorphus
botulus (Van Cleave, 1916)
contortus (Bremser, 1821)
minutus (Zeder, 1800)
Pomphorhynchus
laevis (Zoega in Müller, 1776)
terreticollis (Rudolphi, 1809)
Rhadiorhynchus
cadenati (Golvan & Houin, 1964)
lintoni Cable & Linderoth, 1963
pristis (Rudolphi, 1802)
saltatrix Troncy & Vassiliades, 1973
tenuicornis (Linton, 1891)
Serrasentis
socialis (Leidy, 1851)
Solearhynchus
solea (Porta, 1905)
Southwellina
hispidia (Van Cleave, 1925)
Telosentis
exiguus (von Linstow., 1901)
molini Van Cleave, 1923
Yamagutisentis
 sp.

CYCLIOPHORA

Compiled by Chris S. Emblow

Cycliophorans are the most recently discovered animal phyla (Funch & Kristensen 1995). They are minute sessile organisms that live on the mouthparts of the Dublin Bay prawn or Norway lobster *Nephrops norvegicus*.

A lack of morphological data has made the true phylogenetic relationship of Cycliophora difficult to determine, however examination of its ribosomal RNA (Winnepenninckx *et al.* 1998) has revealed a close relationship with acanthocephalans and rotifers.

The phylum is at present represented by one species which has been recorded from Denmark, Sweden, the Faeroes Islands and the Firth of Clyde, UK (O'Reilly 1997). It appears likely its distribution is related to that of its host.

References

- Funch, P. & Kristensen, R. M. 1995. Cycliophora is a new phylum with affinities to Entoprocta and Ectoprocta. *Nature* **378**: 711-714.
- O'Reilly, M. G. 1997. Cycliophora. In: *The species directory of the marine fauna and flora of the British Isles and surrounding seas*, Howson, C. & Picton, B. E., (eds). Belfast and Ross-on-Wye, Ulster Museum and the Marine Conservation Society 508 pp.
- Winnepenninckx, B. M. H., Backeljau, T. & Kristensen, R. M. 1998. Relations of the new phylum Cycliophora. *Nature* **393**: 636-637.

PHYLUM CYCLIOPHORA

Class Eucycliophora

Order Symbiida

Family Symbibidae

Symbion

pandora Funch & Kristensen 1995

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