

Classification of Animal Phyla

Acoelomata	-Platyhelminthes + Nemertea + Gnathostomulida + Gastrotricha
Acoelomorpha	-Acoela + Nemertodermatida
Acrosomata	-Ctenophora + Bilateria
Ambulacraria	-Echinodermata + Hemichordata
Animalia (=metazoa)	-all multicellular, heterotrophic phyla (that develop from embryos)
Articulata	-Annelida + Arthropoda + Tardigrada + Onychophora
Bilateria	-Deuterostomes + Spiralia + Ecdysozoa
Bryozoa	-Ectoprocta + Entoprocta
Cephalorhyncha	-Priapula + Kinorhyncha + Loricifera + Nematomorpha
Chaetifera	-Annelida + Echiura + Pogonophora
Choanozoa	-Choanoflagellata (including Proterospongia, etc.)
Chordata	-Urochordata + Cephalochordata + Vertebrata
Coelenterata	-Cnidaria + Ctenophora (=Radiata)
Cycloneuralia	-Nematomorpha + Priapula + Kinorhyncha + Loricifera + Nematoda
Cyrtotreta	-Hemichordata (enteropneusts) + Urochordata + Cephalochordata + Chordata
Deuterostomia (ss)	-Echinodermata + Hemichordata + Chordata
Diploblastica	-Porifera + Placozoa + Cnidaria + Ctenophora
Epitheliozoa	-Placozoa + Cnidaria + Ctenophora + Bilateria
Ecdysozoa	-Arthropoda + Onychophora + Tardigrada + Nematoda + Nematomorpha + Priapula + Kinorhyncha + Loricifera (+ Chaetognatha?)
Epitheliozoa	-Porifera + Placozoa + Cnidaria + Ctenophora + Triploblastica
Euarthropoda	-Hexapoda
Eumetazoa	-all animal phyla except Placozoa + Porifera
Eurotatoria	-Bdelloidea + Monogononta
Euplatyhelminthes	-Acoela + Nemertodermatida + Rhabditophora
Euspiralia	-Nemertini + Trochozoa (i.e., =Eutrochozoa)
Eutriploblastica	-Catenulida + Rhabditophora + Neotriploblastica
Eutrochozoa	= Euspiralia
Gastroneuralia	= Protostomia
Gnathifera	-Gnathostomulida + Rotifera + Acanthocephala (+ Micrognathozoa)
Hemirotifera	-Acanthocephala + Seisonidea + Bdelloida (but not Monogononta)
Introverta	-Scalidomorpha + Nematoida (i.e., =Cycloneuralia)
Lobopoda	-Tardigrada + Onychophora
Lophophorata	-Phoronida + Ectoprocta + Brachiopoda (i.e., =Tentaculata)
Lophotrochozoa	-Spiralia + Lophophorata
Mesozoa	-Rhombozoa + Orthonectida
Nemathelminthes	-Nematoda + Nematomorpha + Priapula + Kinorhyncha + Loricifera
Nematoida	-Nematoda + Nematomorpha (i.e., =Nematozoa)
Neotrichozoa	-Gastrotricha + Gnathostomulida
Neotriploblastica	-Syndermata + Neotrichozoa + Ecdysozoa + Eucoelomata
Nephrozoa	-all Bilateria except Acoelomorpha & <i>Xenoturbella</i>
Panarthropoda	-Arthropoda + Tardigrada + Onychophora
Paracoelomata	-Ecdysozoa + Syndermata + Neotrichozoa
Pararotatoria	-Acanthocephala + Seisonidea
Pancrustacea	-Crustacea + Hexapoda
Parazoa	-Placozoa + Porifera
Phoronozoa	-Phoronida + Brachiopoda
Platyhelminthomorpha	-Platyhelminthes + Gnathostomulida
Platyzoa	-Platyhelminthes + Rotifera + Acanthocephala + Gastrotricha + Gnathostomulida
Protoctista	-all unicellular, eukaryotes (photosynthetic and nonphotosynthetic)
Protostomia	-Spiralia + Ecdysozoa (i.e., = Gastroneuralia)
Radialia	-Phoronida + Bryozoa + Brachiopoda + Deuterostomia
Radiata	= Coelenterata
Rhabditomorpha	-all Platyhelminthes except Acoelomorpha & Catenulida
Scalidophora	-Priapula + Kinorhyncha + Loricifera
Spiralia	-Platyhelminthes + Gnathifera + Nemertini + Trochozoa
Symplasma	-Hexactinellids
Syndermata	-Rotifera + Acanthocephala (i.e., =Trochanta)
Tentaculata	= Lophophorata
Triploblastica	-all metazoans except Placozoa, Porifera, Ctenophora, & Cnidaria
Trochanta	= Syndermata
Trochozoa	-Entoprocta + Mollusca + Sipuncula + Echiura + Annelida (\pm Nemertea)