

Eumetazoa (with ectoderm and endoderm)

Placozoa (*Trichoplax*)

Neuralia (with nervous system)

Cnidaria (polyps and medusae)

Anthozoa

Medusozoa (scyphozoans, hydrozoans)

Bilateria (bilateral animals with mesoderm)

Protostomia

Spiralia (=Lophotrochozoa)

Annelida (bristle worms)

Mollusca

Aculifera (aplacophorans, polyplacophorans)

Conchifera (gastropods, bivalves, cephalopods)

Nemertea (ribbon worms)

Platyhelminthes (flatworms)

Bryozoa (moss animals)

Entoprocta

Phoronida (horseshoe worms)

Brachiopoda (lamp shells)

Ecdysozoa (molting animals without outer ciliated epithelia)

Deuterostomia

Ambulacraria

Echinodermata

Crinoida

Eleutherozoa (crinoids, echinoids, ophiuroids, asteroids, holothuroids)

Enteropneusta (acorn worms)

Chordata

Cephalochordata (amphioxus)

Urochordata (sea squirts)