

CHARACTERS

- Free Living, motile, sessile, parasite
- Lack cell wall
- Multicellular → (Diploid Eukaryotes)
- Ingestive heterotrophs
- Two dissimilar gametes
 - Sperms
 - eggs

KINGDOM ANIMALIA → Latin word → Anima → Breath/Soul

HALF A MILLIONS → SPECIES

TISSUE-LEVEL

PARAZOA

Multicellular → Simple

PORIFERA

RADIATA

→ DIPLOBLASTIC

**COELENTERATA
CNIDARIA**

SYMMETRY

METAZOA/EUMETAZOA

Multi-cellular → Complex

TRIPLOBLASTIC

BILATERAL

COELOM (BODY CAVITY)

ACOELOMATE → No BODY CAVITY

PLATYHELMINTES

PSEUDOCOELOMATE → FALSE BODY CAVITY

**ASCHELMINTHES
(NEMATODA)**

COELOMATE
TRUE BODY CAVITY

PROTOSTOMES

MOUTH → BLASTOPORE

ANNELIDA

ARTHROPODS

MOLLUSCA

DEUTEROSTOMES

ANUS → BLASTOPORE

ECHINODERMATA

HEMICHORDATA

CHORDATA

- Notochord
- CNS
- Paired Gills → Embryonic life

ACRANIA → No cranium

URCHORDATA

CEPHALOCHORDATA

CRANIA → cranium

VERTEBRATA → VERTEBRATE COLUMN

SUPER CLASS PISCES

- CYCLOSTOMATA → JAWLESS
- CHONDRICHTYES → CARTILAGE
- OSTEICHTHYES → BONY

SUPER CLASS TETRAPODA

- AMPHIBIA
- REPTILES
- AVES
- MAMMALIA

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