

ANIMAL KINGDOM

Animal Kingdom is classified into the

- (i) Phylum - Protozoa
- (ii) phylum - Porifera
- (iii) phylum - Coelenterata
- (iv) phylum - Ctenophora
- (v) phylum - Platyhelminthes
- (vi) phylum - Annelida
- (vii) phylum - Arthropoda
- (viii) phylum - Mollusca
- (ix) phylum - Echinodermata
- (x) phylum - Hemichordata
- (xi) Chordata

(i) phylum - Protozoa (Proto = First Zoon = Animal)

characters :->

- (i) Protozoa are microscopic and unicellular animals.
- (ii) They are free living ~~and~~ in fresh water or Marine water.
- (iii) Locomotion takes place by pseudopodia or cilia or flagella.
- (iv) Respiration by diffusion.
- (v) Reproduction asexually by budding or binary fission and sexually by conjugation.

e.g. Amoeba

(ii) Phylum - Porifera (Pori = pores)

(i) They are primitive multicellular animals.

(ii) Its have cellular level of organisation

(iii) They are commonly called sponges

(iv) Reproduction are asexually by budding and sexually by gamete formation.

e.g. Sycon.

(iii) phylum - Coelenterata

(i) All animals are coelom in present

(ii) The animals are diploblastic or multicellular animals.

- (iii) Mostly animals are marine
- (iv) The mouth is surrounded by long tentacles
- (v) The internal cavity are called coelenteron
- (vi) Circulatory, excretory and Respiratory organ are absent

e.g. → Hydra, Aurelia.

(iv) phylum - plathyhelminthes (platy = Flat, Helminthes = worms)

- (i) The animal are free living or parasitic animals.
  - (ii) The animals are triploblastic
  - (iii) Parasitic forms have hook, suckers for attachment with host.
  - (iv) Digestive system incomplete or absent
- e.g. Fasciola hepatica (liver fluke), planaria.

(v) phylum - ctenophora

characters: →

- (i) The animal are free swimming
- (ii) Nematocyst are present
- (iii) These animals are Carnivorous.

e.g. - Horniphora

(vi) phylum - Aschelminthes

- (i) The animals are Triploblastic
  - (ii) Anus are the posterior end
  - (iii) Male is smaller than female
  - (iv) Respiratory, circulatory system are absent
  - (v) Body Covered by hard cuticle.
- e.g. Ascaris (Roundworm) Hook worm  
Wuchereria (Filaria worm)

(vii) phylum - Annelida (Annelus = Ring)

- (i) These are free living animals
  - (ii) The animals are triploblastic
  - (iii) setae may be present on the body.
  - (iv) Respiratory by skin or gills
  - (v) excretion by nephridia
- e.g. Ringworm, Nereis etc.

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