

Annalida:-



① Anterior | ② Segments | ③ Clitellum | ④ Posterior
Phylum Annalida

Characteristics of Annalida:-

The characteristics of the organisms present in the phylum Annalida are as follows.

- The Annalida are coelomate and triploblastic
- They exhibit organ level organization.

polychaeta:-

- The body is elongated and divided into segments.
- They are found in the marine environment.
- These are true coelomates, bilaterally symmetrical worms.
- They excrete through metanephridia and protonephridia.

eg:- Nereis, Syllis

Oligochaeta:-

- They are mostly freshwater and terrestrial organisms.
- The body is segmented metamerically.
- Some are segmented.

- fertilization is internal.
- They are hermaphrodites.

eg:- Hirudinaria

Aschiamedusa:-

- They are found only in the marine environment
- The body is elongated without stalk and parapodia.
- They are unisexual or hermaphrodite.
- Tentacles are present on the peristome.

eg:- Dimorphium, pediculus

- They do not possess parapodia but ciliated funnel is present
- The organisms belonging to this class are monoecious
- They exhibit no free larval stage and the development takes place inside the colonies.

eg:- *Phoronida Tubifer*

Hirudinea :-

- Most commonly found in freshwater. Some are marine, terrestrial, and parasitic.
- The body is segmented
- The tentacles, parapodia, and setae are not present.

- Their body is segmented.
- They respire through their body surface.
- Nephridia are excretory organs.
- Most of the Annelids are hermaphrodites i.e. male and female organs present in the same body. They ~~present~~ reproduce both sexually and asexually. The others reproduce sexually.
- eg:- Earthworms, and leeches.

Classification of Annelida:-

Following are the different classification of Annelida:

- Polychaeta
- Oligochaeta
- Hirudinea
- Archannelida

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Question: Annelida Key characters and
classification ka chitra सहित वाचन करोगे.

Ans:-

Phylum Annelida is a
very broad phylum belonging
to the kingdom Animalia. The
Annelids are found in aquatic
as well as terrestrial environments.
These are bilaterally
symmetrical invertebrate organisms.
Their segmented body distinguishes
them from any other
organism.