

Nematohelminths

General Characters

Non-segmented cylindrical worms tapering at both ends.

Sexes are separate, male is smaller than female & its posterior end is curved ventrally.

Females are either

Viviparous (produce larvae/ embryos)

Oviparous (lay eggs) or

Ovo-viviparous (lay eggs which hatch immediately).

mouth

Papillae (lips)

Cutting plates (teeth)

oesophagus

cellular

Trichuris

Simple club

Ascaris Hook worms

Double-bulbed

Ant. part: club-shaped
Post. part: spherical

enterobius

muscular

Rhabditiform

Ant. part: cylindrical
Post. part: club-shaped

strongyloides

or Filariform

filaria

Digestive system

intestine (mid gut)

rectum

in ♂: join the ejaculatory duct in a cloaca

in ♀: opens in a separate anus

Trichinella Spiralis

both intestinal and tissue worm

life cycle

ingestion of undercooked meat

larva released in small intestine

adults in small intestine

Embedded by its anterior part in mucosa of muscular epithelium of duodenum and Jejunum

larva deposited in mucosa

encapsulated(encysted) larva in striated muscles in eat eating animals including humans

