

Ascaris

Kingdom : Animalia

Phylum : Nematoda

Order : Ascaridida

Family : Ascarididae

Genus : *Ascaris*

Ascaris is a genus of parasitic nematode , worm known as the small intestinal roundworms , which is a type of helminth ,

Type of *Ascaris*

Ascaris lumbricoides, affects humans and causes the disease Ascariasis.

. *Parascaris equorum*, the equine roundworm

Ascaris suum which infect pigs

Morphology

Adult worm: cylindrical shape, creamy white or pinkish in color , the anterior being thinner than posterior end

Adult male: 15-30 cm in length, 3-4 mm in diameter, tail curved ventrally

Adult female; 20-40 cm length, 2-6mm diameter, tail straight and pointed



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Egg:

Ascaris egg is round or oval thick brown shell and have rough surface. It is the infective form of parasite.



Fertilized egg



un fertilized egg

Ascariasis is a disease caused by the parasitic round worm *Ascaris lumbricoides* (*A. lumbricoides*).

Ancylostoma

Class:- Secrntea

Order:- Strongylida

Family:- Ancylostomatidae

Genus:- *Ancylostoma*

Is parasitic nematode commonly known as hook worm , it is live in small intestine of host such as human, cats and dogs.

Type of *Ancylostoma*

Ancylostoma caninum

Ancylostoma duodenale

Ancylostoma braziliense

Morphology

The adult worm is small , cylindrical worm, greyish-white or pinkish in color. The mouth has teeth are found in the buccal capsule , Each of them has large that are fused at their bases.

Females are often long and stouter (10 mm to 13 mm long), with the vulva located at the posterior end; females can lay 10,000 to 30,000 eggs per day.

Males are 8 mm 11 mm small with a copulatory bursa at the posterior end and spicules



Copulatory bursa Its extension of cuticle on the posterior end of some species of male nematodes, its used to grasp the female during copulation

