

K.A.H.M. Unity Women's College- Manjeri

Department of Zoology

Rosalind Franklin Zoological Museum

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ASCARIS

Taxonomy of the specimen	Notes												
<p>ASCARIS Phylum: Aschelminths Class: Nematoda</p>	<ul style="list-style-type: none"> <i>Ascaris lumbricoides</i> popularly known as human round worm is an endoparasite live in the small intestine of man and apes. In children it causes the disease ascariasis. <p>Parasitology</p> <ul style="list-style-type: none"> Host: Human Habitat: Small Intestine Infection Route: Fecal- oral transmission (injecting contaminated food and water) Body is soft body, cylindrical and pointed at both ends. The body of worm is reddish or pinkish in colour (due to the presence of haemoglobin) Body has numerous ring like markings. It grows upto 40 cm length and 3-6 cm width. It has a thick resistant cuticle protect host from to digestive enzymes. It shows sexual dimorphism <table border="1"> <thead> <tr> <th>Female</th><th>Male</th></tr> </thead> <tbody> <tr> <td>long Stout</td><td>Short Stout</td></tr> <tr> <td>Posterior end straight</td><td>This posterior end is curved and hook like</td></tr> <tr> <td>Gonopore present</td><td>Gonopore absent</td></tr> <tr> <td>Penital setae absent</td><td>Penital seate present</td></tr> <tr> <td>Cloacal opening is absent</td><td>Cloacal opening is present</td></tr> </tbody> </table> <p>Life cycle</p> <ul style="list-style-type: none"> Egg ingested Larvae hatch in intestine Larvae penetrate intestinal wall, migrate to lung Mature worm return to intestine <p>Symptoms</p> <ul style="list-style-type: none"> Abdominal pain Weight loss <p>Treatment</p> <ul style="list-style-type: none"> Anthelminthic drugs like albendazole, mebendazole <p>Prevention</p> <ul style="list-style-type: none"> Improve sanitation proper hygiene Hand washing 	Female	Male	long Stout	Short Stout	Posterior end straight	This posterior end is curved and hook like	Gonopore present	Gonopore absent	Penital setae absent	Penital seate present	Cloacal opening is absent	Cloacal opening is present
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