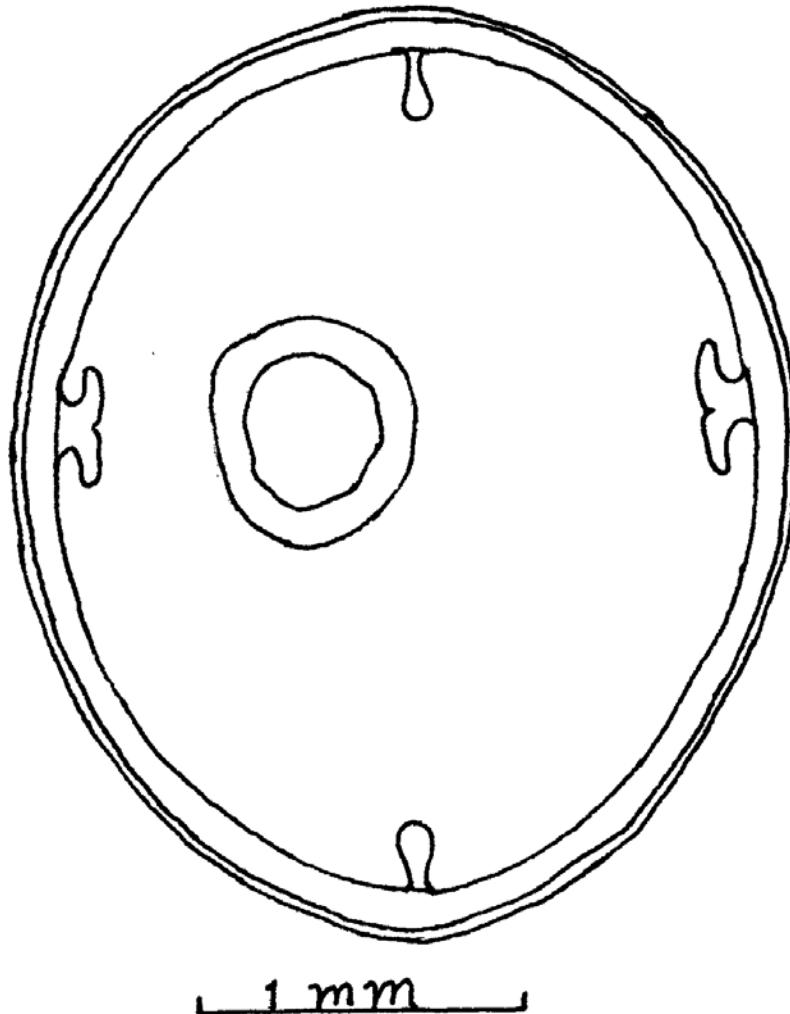




- 2.b. Look at the slide of an *Ascaris* cross section and find the nerves (dorsal and ventral), body wall, cuticle, muscle, lateral line, pseudocoel, and oviducts or vas deferens. Label and/or add the structures into the following illustration.



- 3.a. *Ancylostomum*, a hookworm is similar to *Ascaris*. However, how does it differ in its mode of infection?

- 3.b. How does it differ in its mode of nutrition?

- 3.c. Compare the lifecycles of *Ascaris* and *Ancylostoma*.
- 4.a. The Nematomorpha include animals that resemble the nematodes. What are the important differences?
- 4.b. Describe a typical life cycle for a nematomorph.
- 5.a. Examine the preserved *Macrocanthorhynchus*. How does this animal resemble a tapeworm?
- 5.b. Look at a whole mount slide of an acanthocephalan. Locate the proboscis, hooks, and body wall.
- 5.c. Be able to describe a typical life cycle of an acanthocephalan.