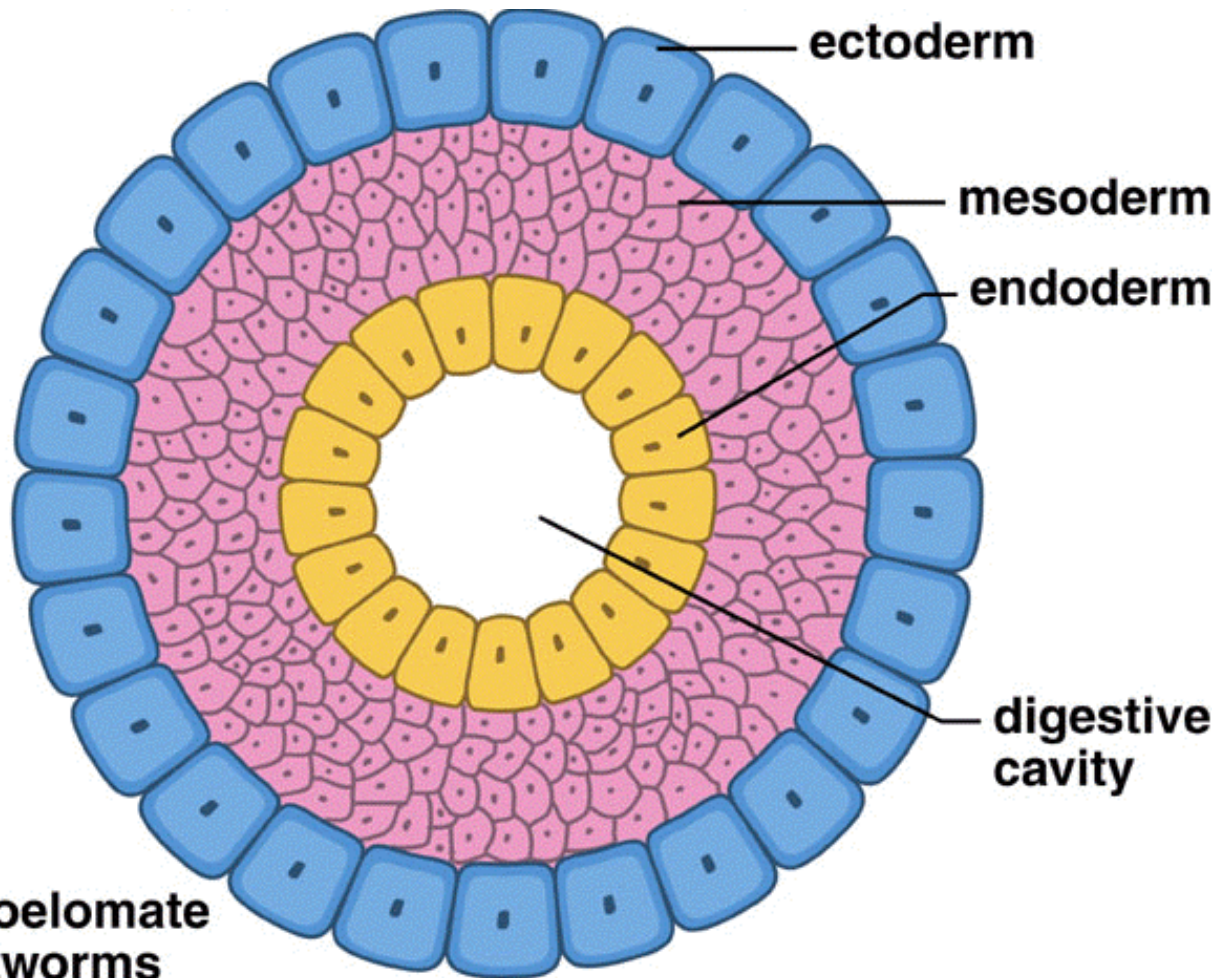
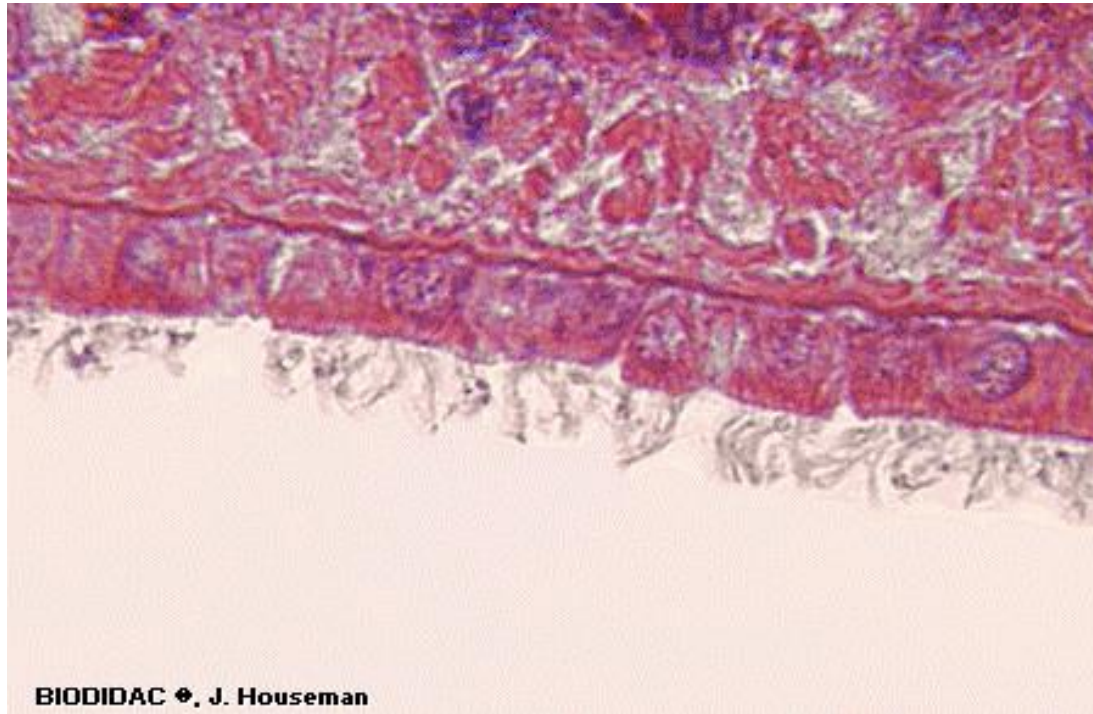


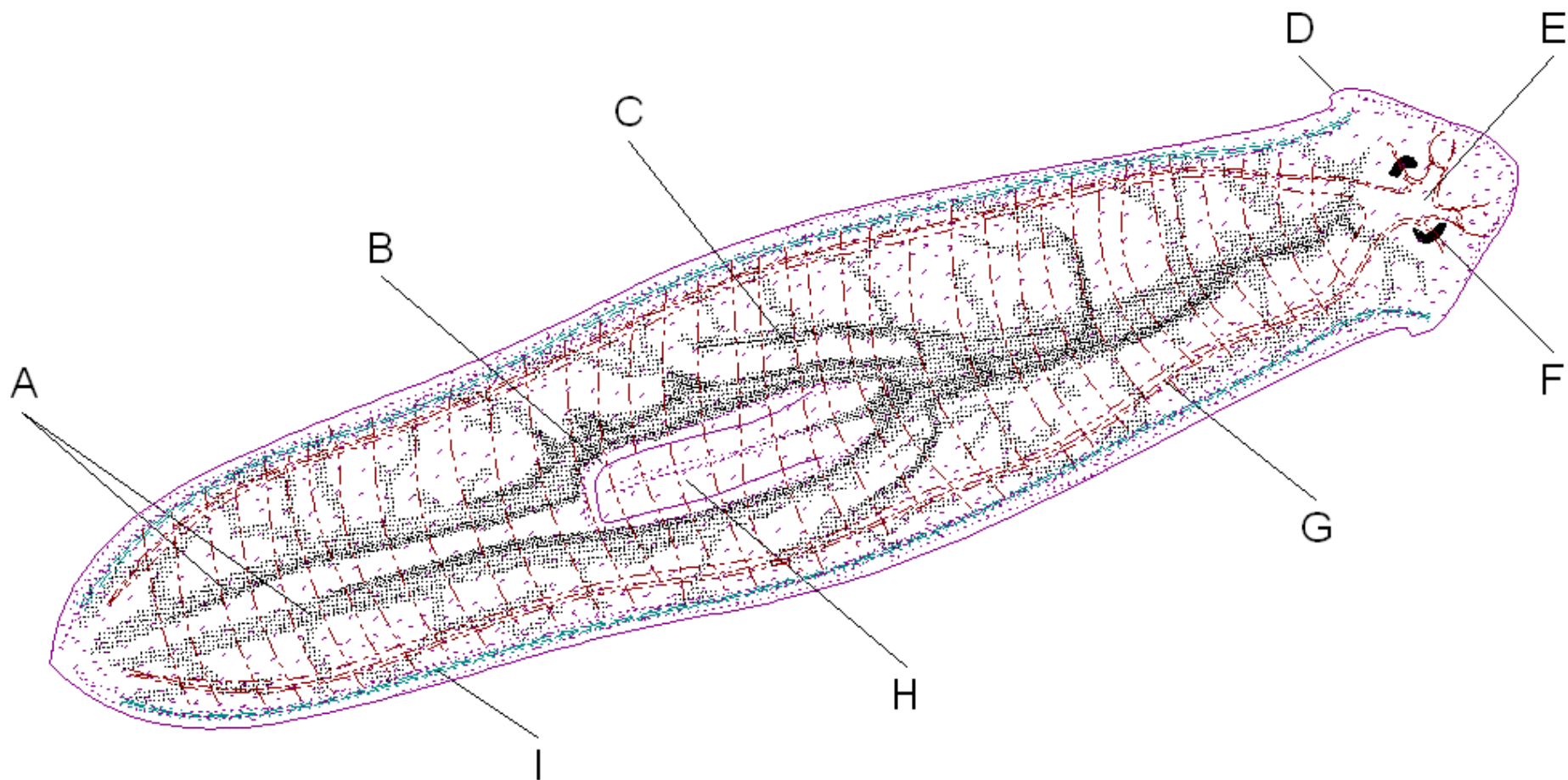


Filum : Platyhelminthes





Detail of the ventral surface of *Dugesia* showing the epithelium and cilia on its surface



A) GASTROVASCULAR CAVITY

B) BUCCAL CAVITY

C) DIVERTICULUM

D) AURICLE

E) BRAIN

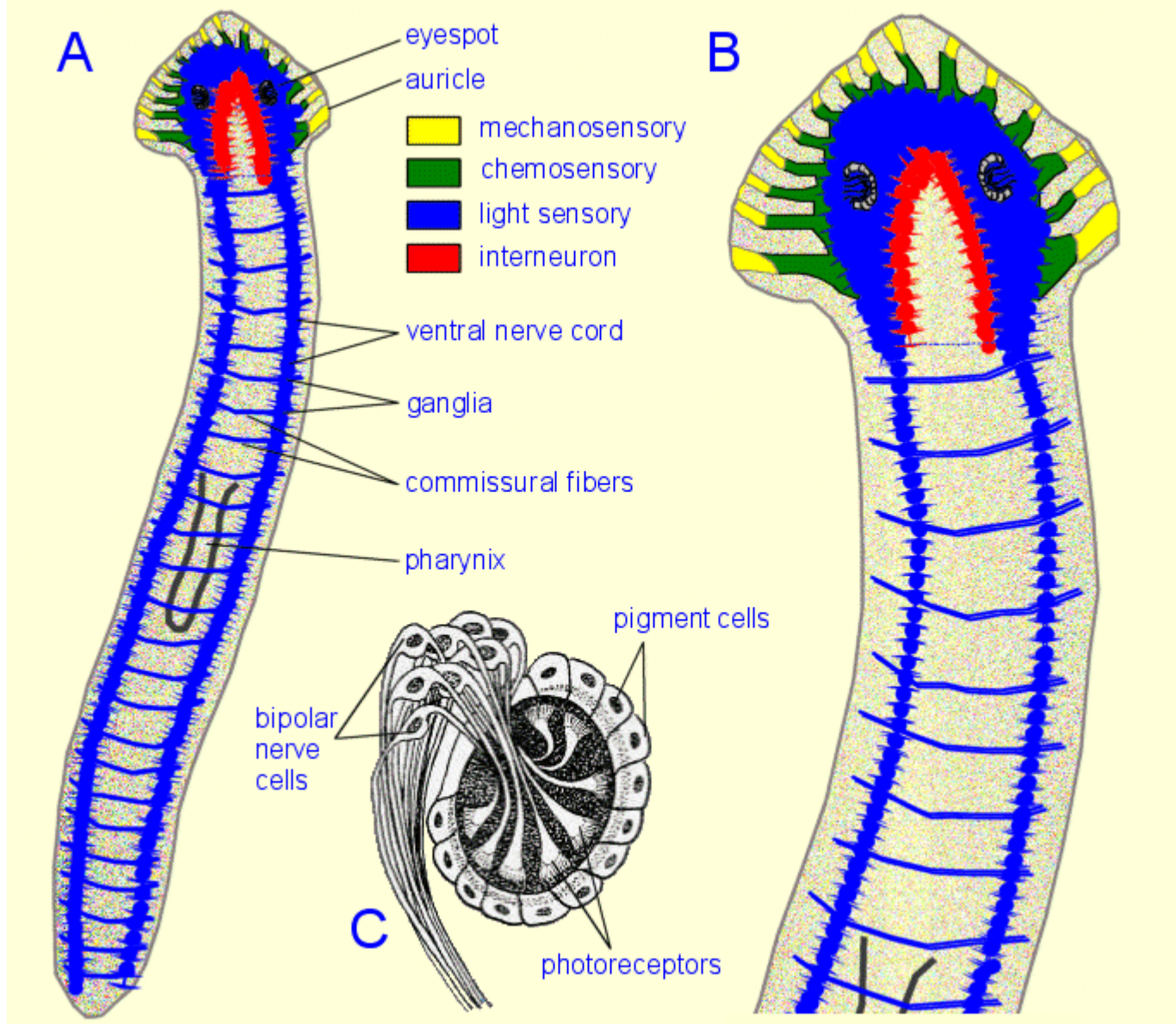
F) EYESPOT

G) NERVE CORD

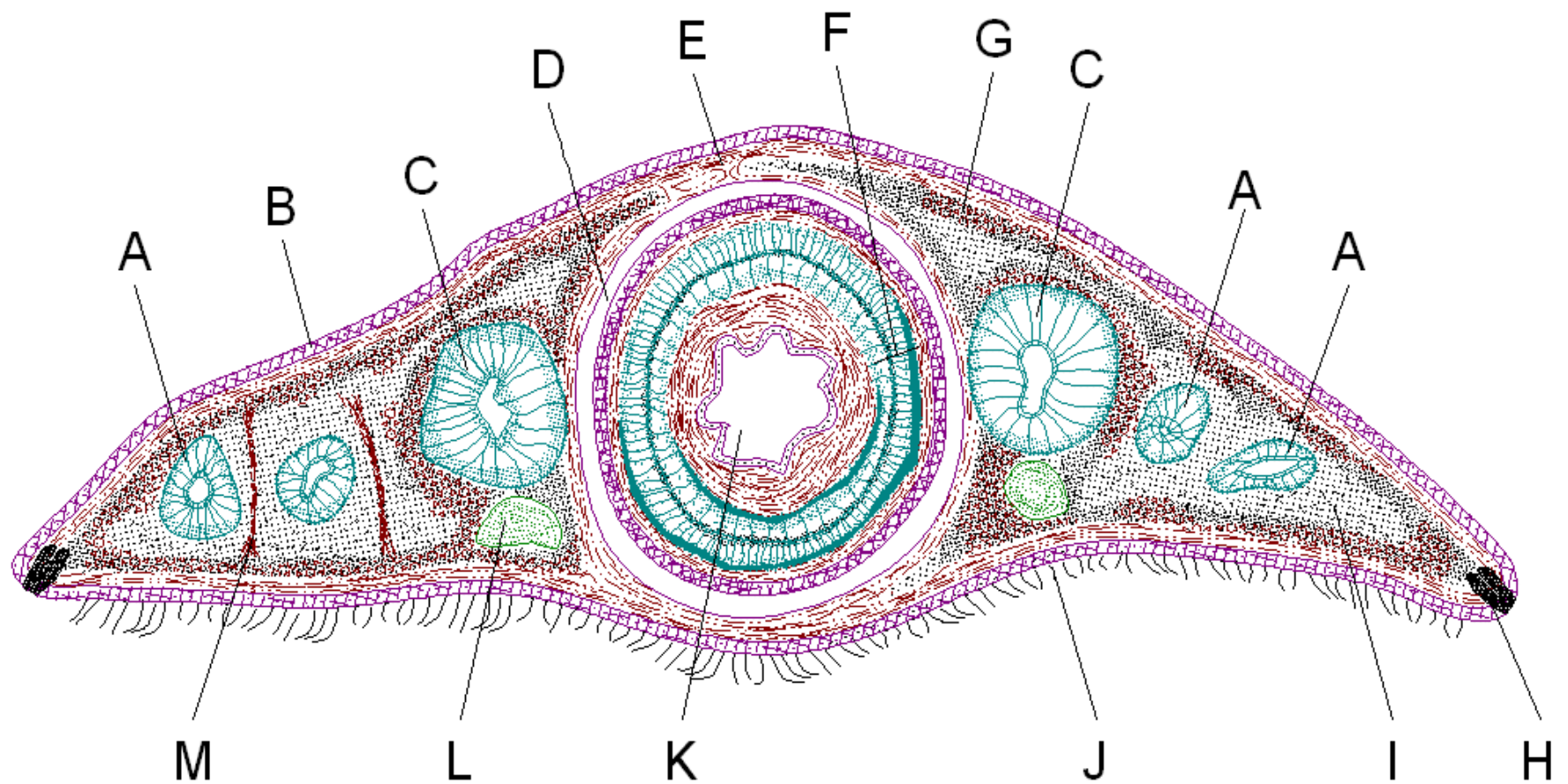
H) PHARYNX

I) EXCRETORY SYSTEM

STRUCTURE OF A TURBELLARIAN (*Dugesia* sp.)



Planarian Nervous System (A) Major components of complete nervous system. (B) closer view of anterior portion. (C) planarian eyespot (left side)



A) DIVERTICULUM

B) EPIDERMIS

C) GASTROVASCULAR CAVITY

D) BUCCAL CAVITY

E) CIRCULAR MUSCLE

F) GLANDULAR TISSUE

G) LONGITUDINAL MUSCLE

H) ADHESIVE GLAND

I) PARENCHYMA

J) CILIA

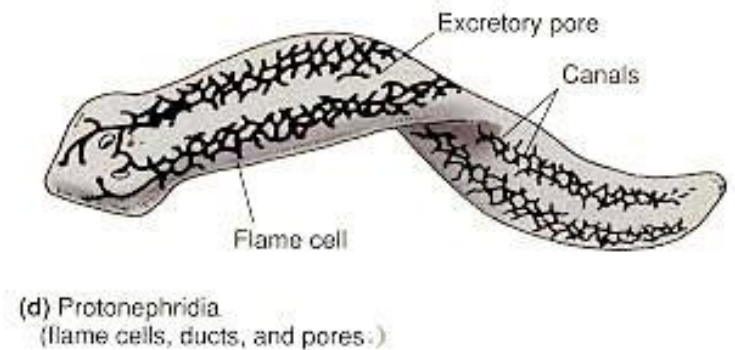
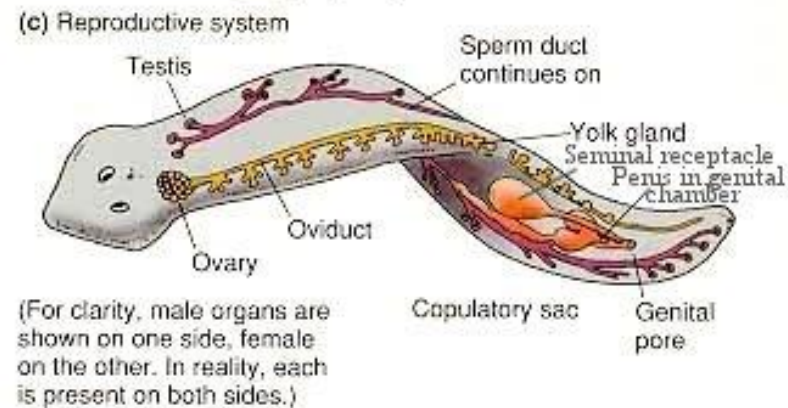
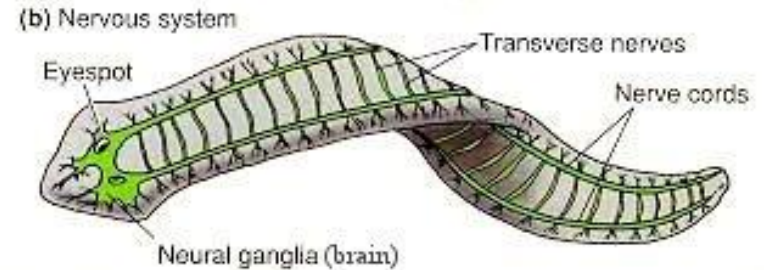
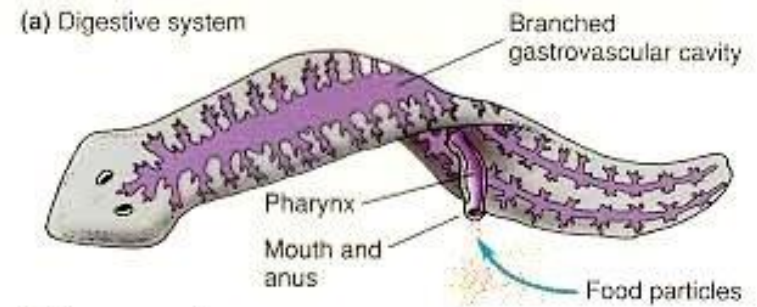
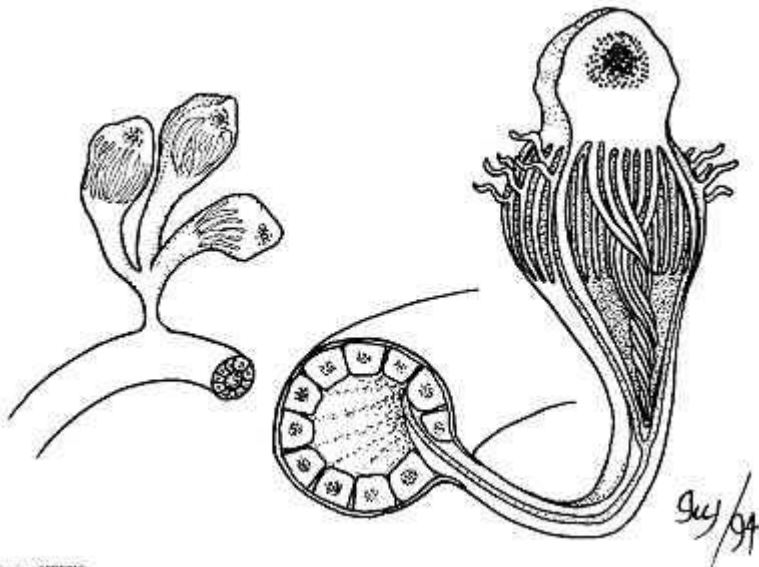
K) LUMEN OF PHARYNX

L) NERVE CORD

M) VERTICAL MUSCLE

Planarian Cross Section

Alev hücreleri-Protonefridyum

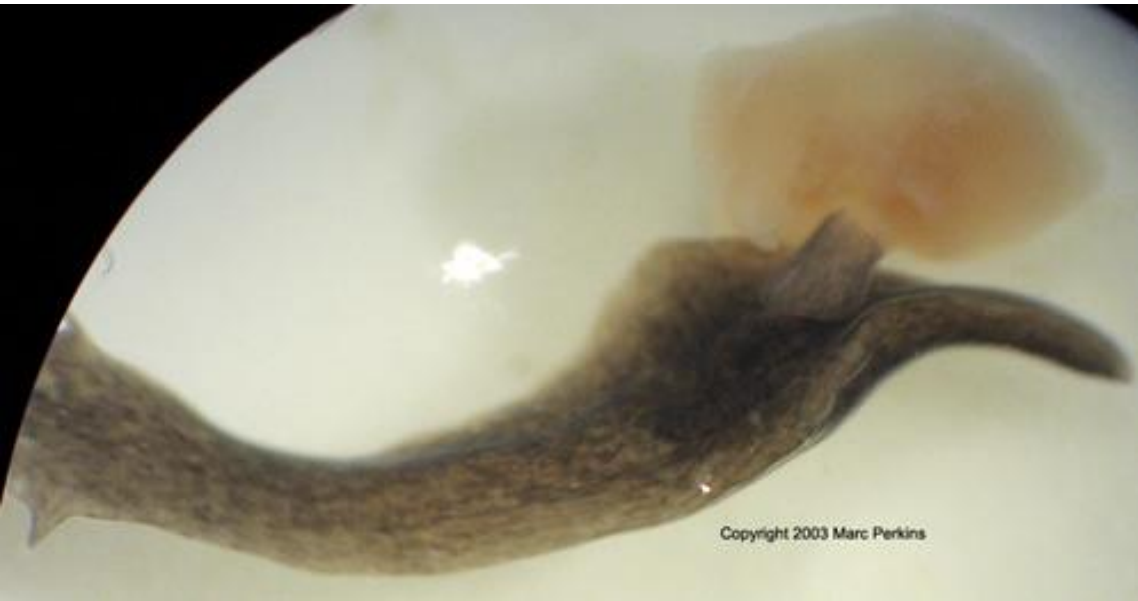




Copyright 2003 Marc Perkins

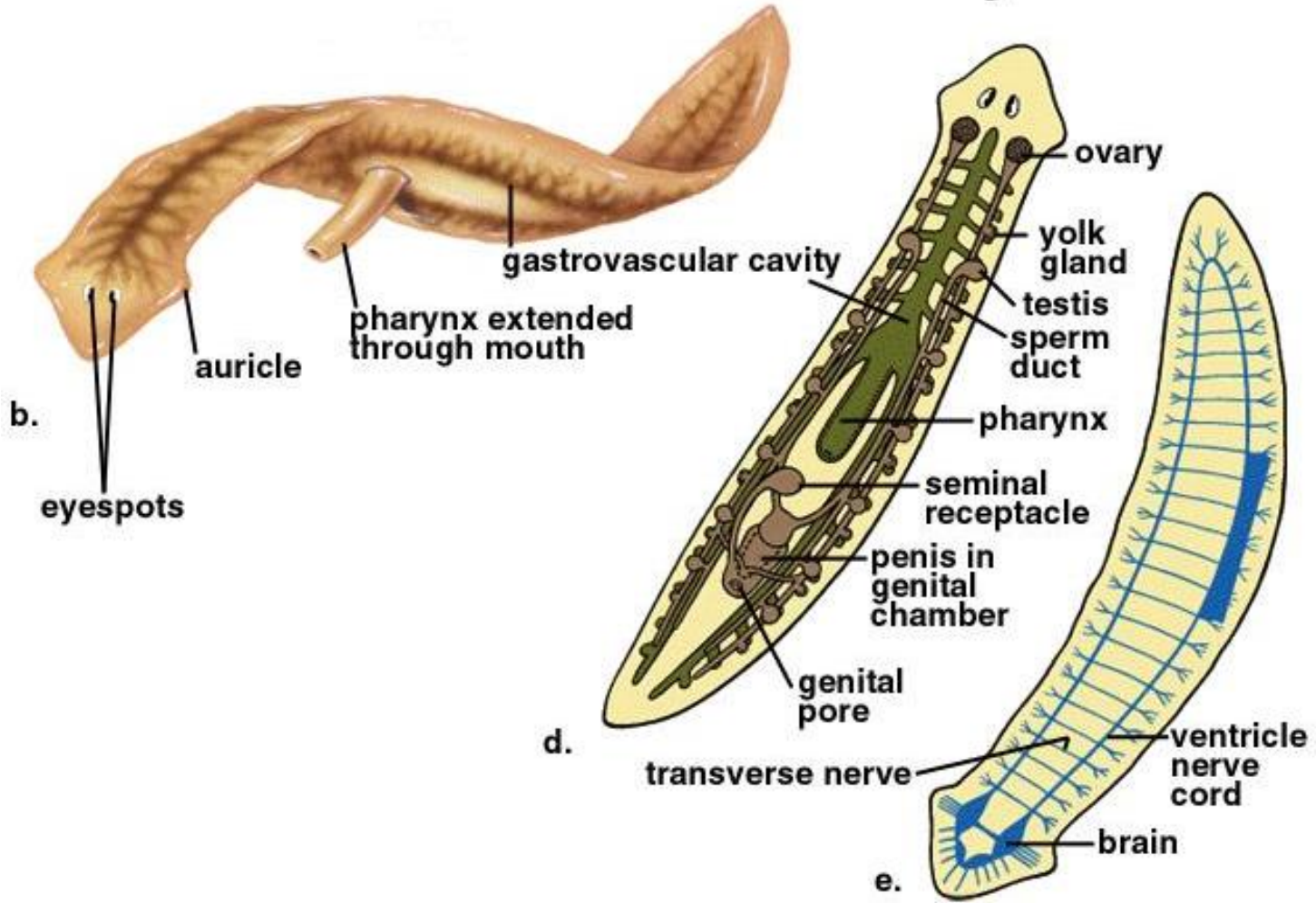


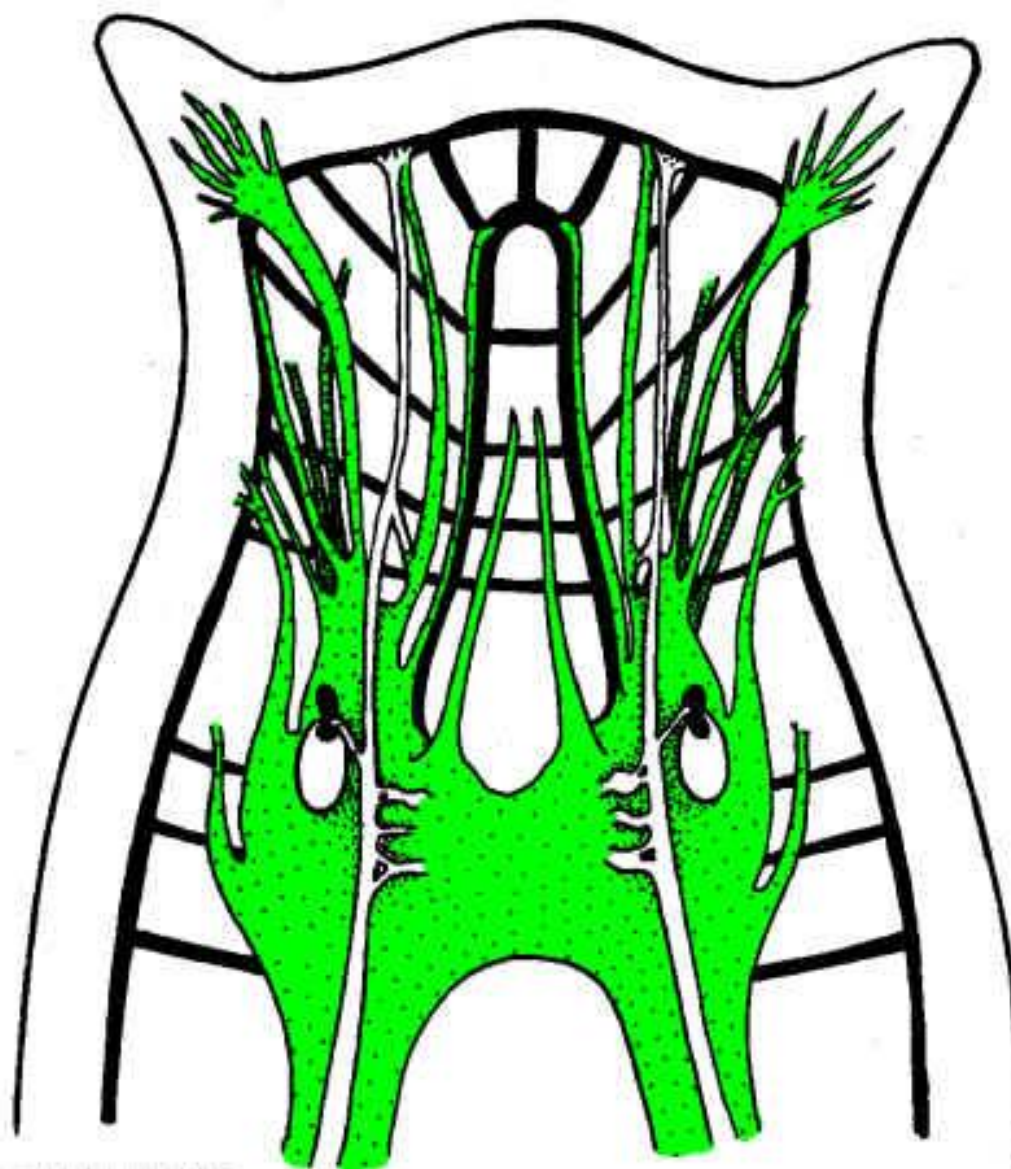
Copyright 2003 Marc Perkins



Copyright 2003 Marc Perkins

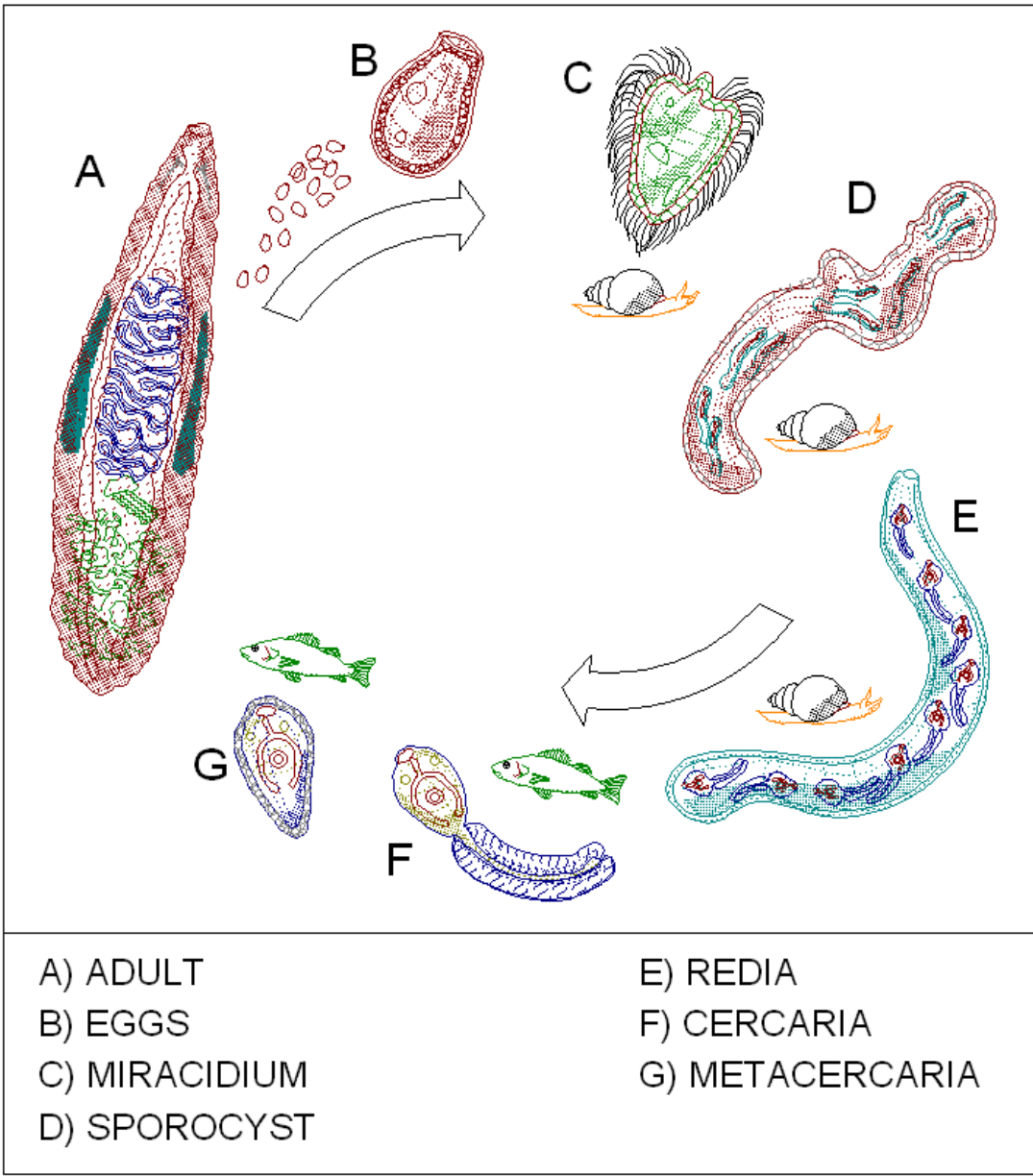
Planarian anatomy





Nervous system of a turbellarian, colour has been added

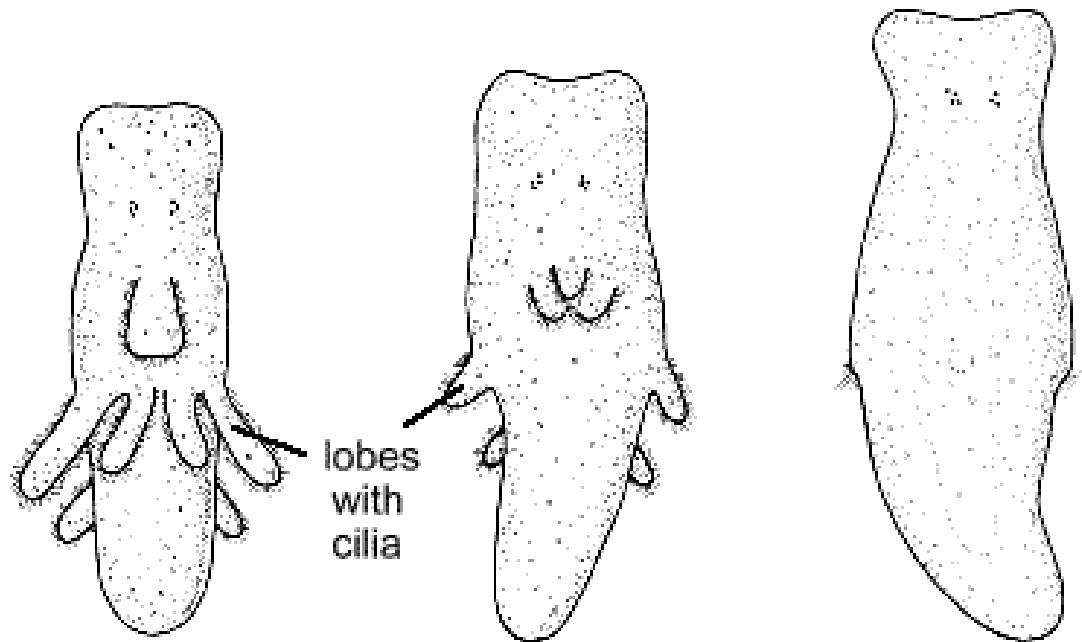
PARASITIC LIFE CYCLE OF THE CHINESE LIVER FLUKE. The adults live in the bile ducts of the primary host (human). Two intermediate hosts are infected by larvae: snails (the first intermediate host) and fish (second intermediate host).



Zubi 01



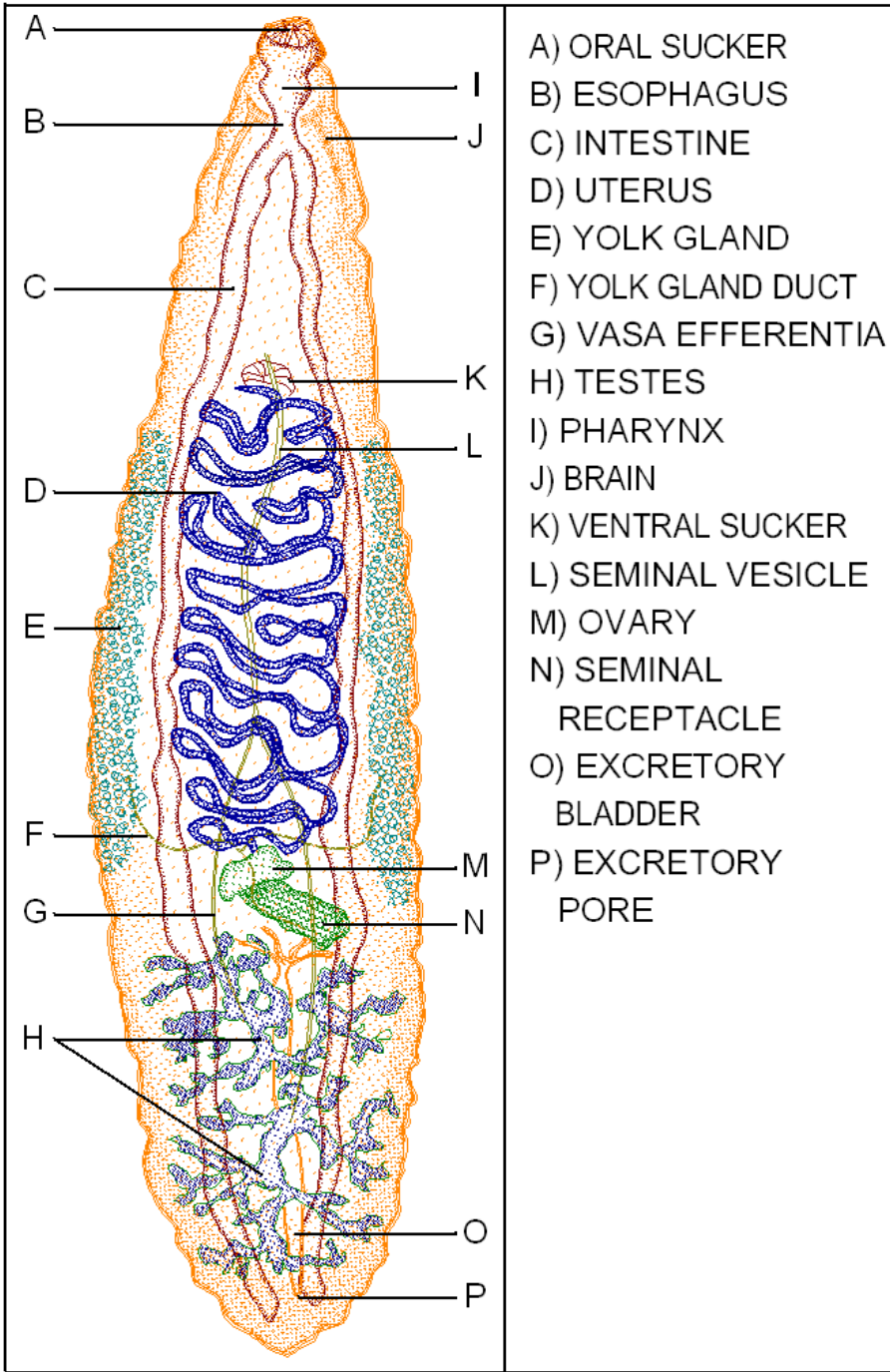




Müller larvası

Klasis : Trematoda

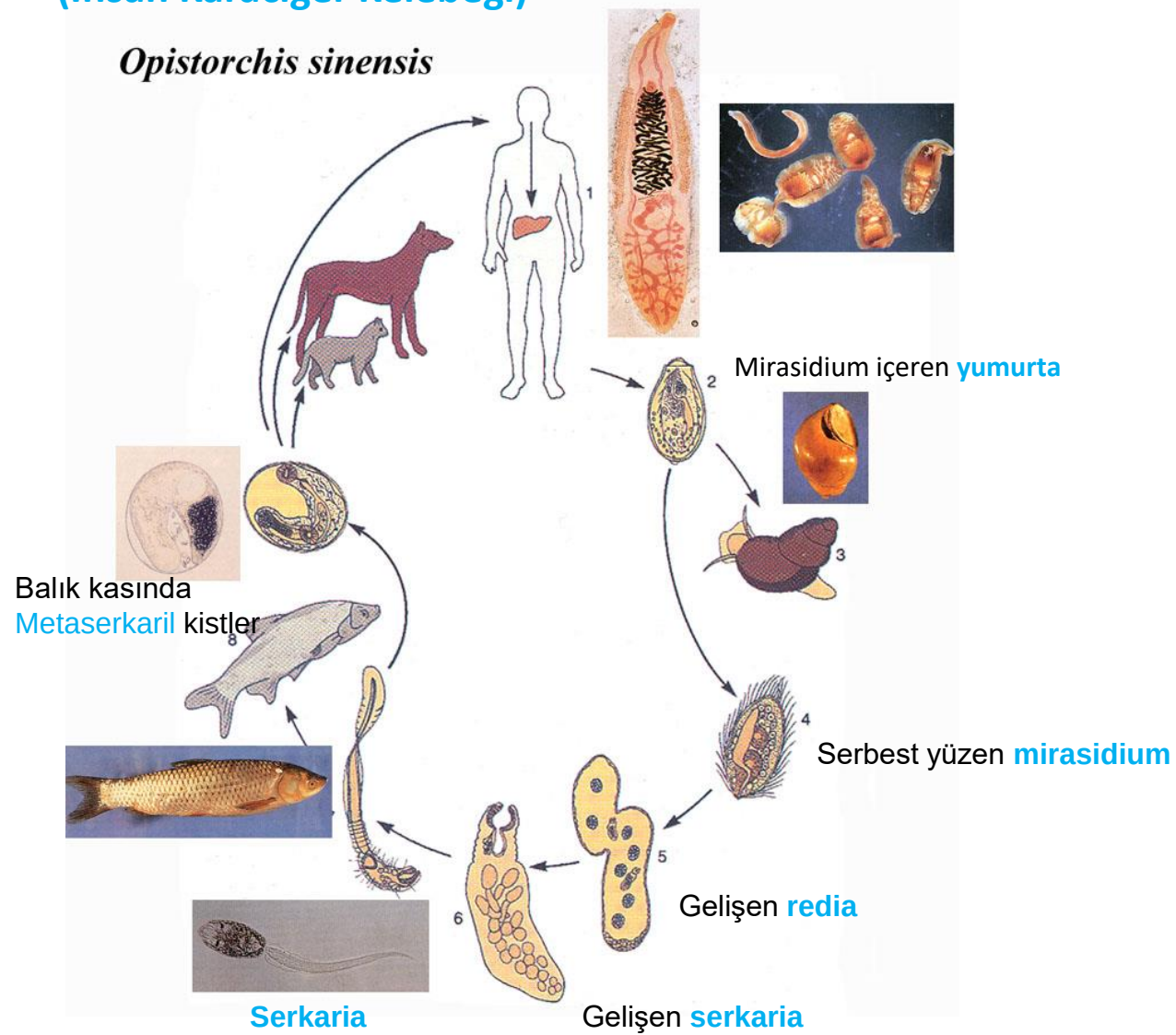
Opisthorchis sinensis



Klasis : Trematoda

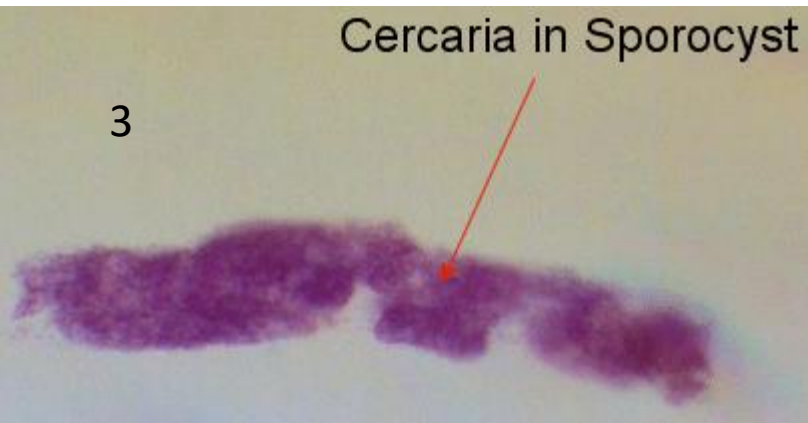
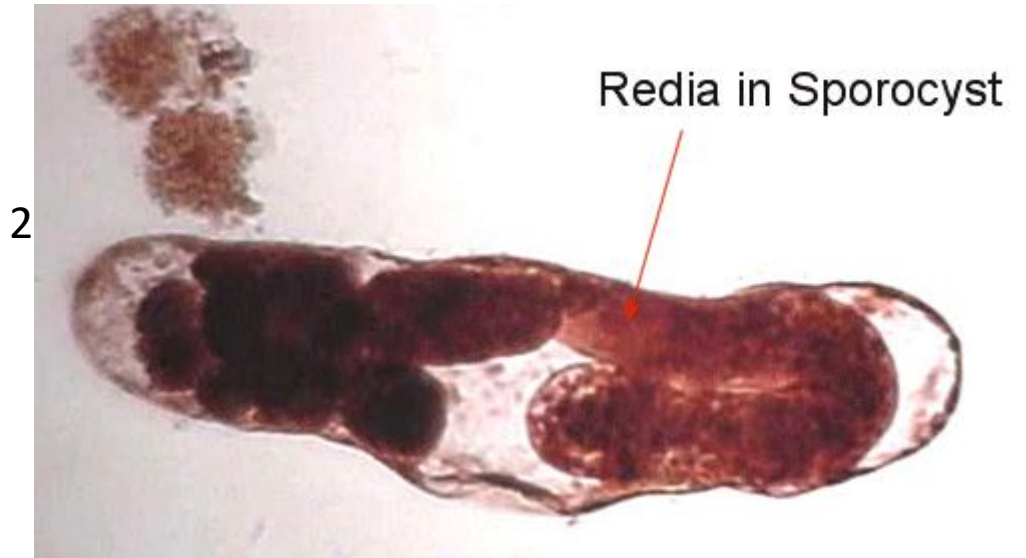
(İnsan Karaciğer Kelebeği)

Opisthorchis sinensis

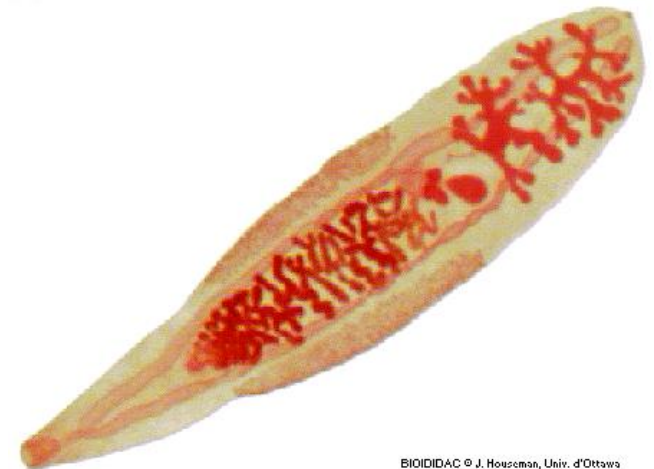
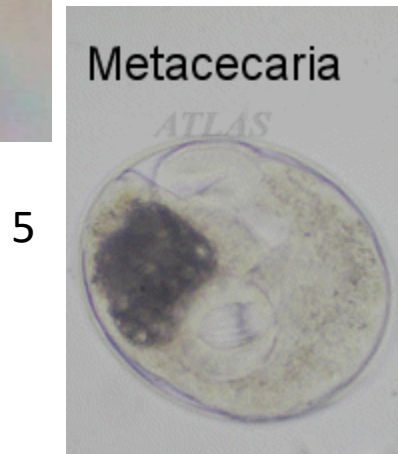
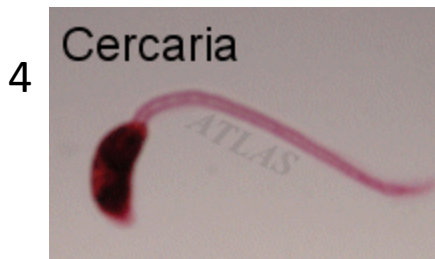


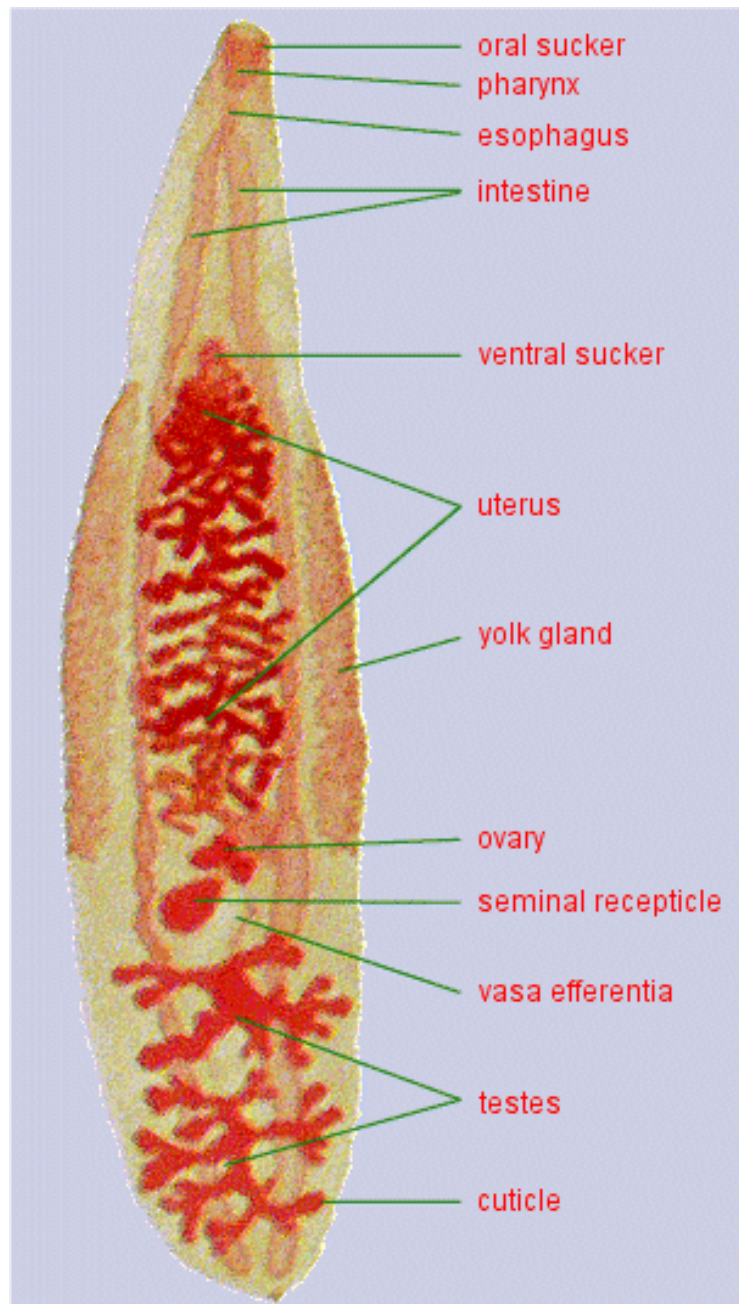


Egg of a trematode
life cycle
(*Chlonorchis sinensis*)



Chlonorchis sinensis - Sporocyst containing redia





Clonorchis sinensis

Trematoda - *Clonorchis sinensis* - Middle section of the chinese liver fluke showing the ovary shell gland and seminal receptacle.

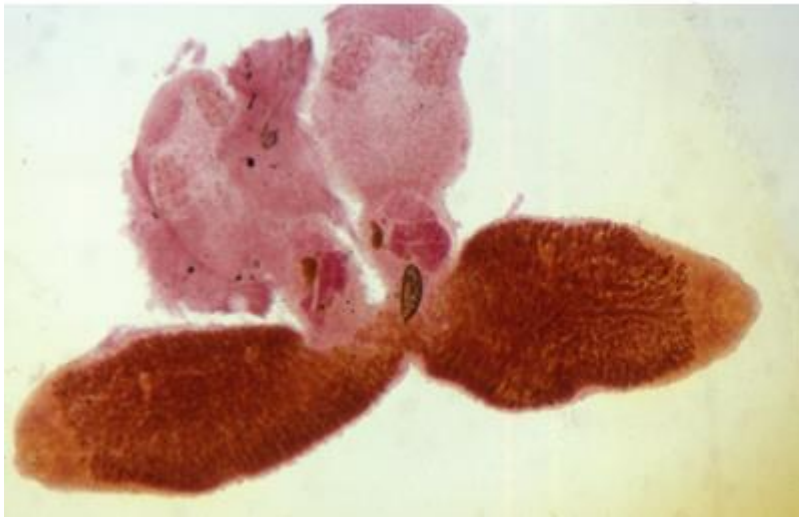


Trematoda - *Clonorchis sinensis* - Uterus of the chinese liver fluke containing mature eggs

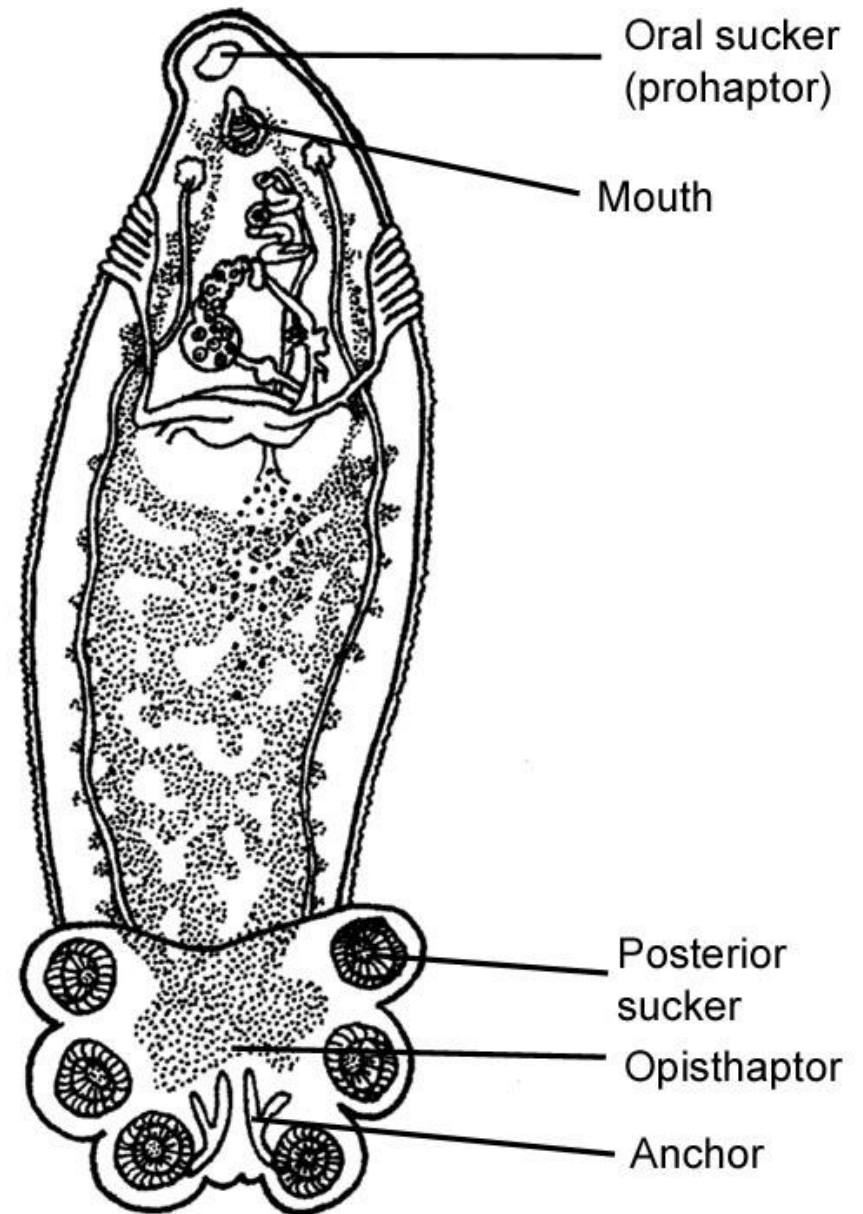
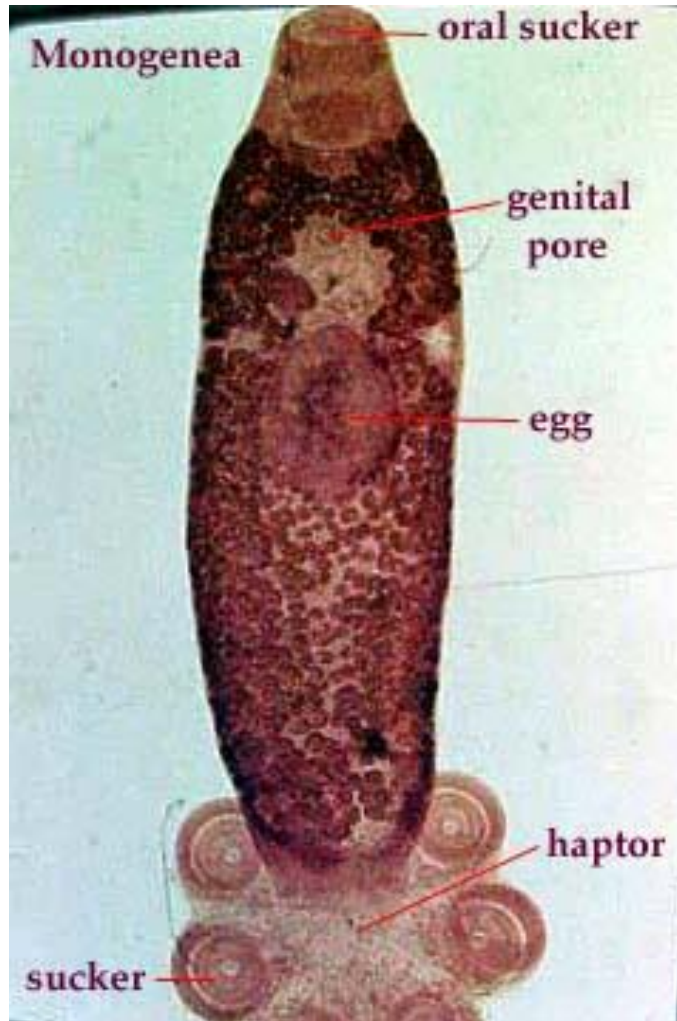


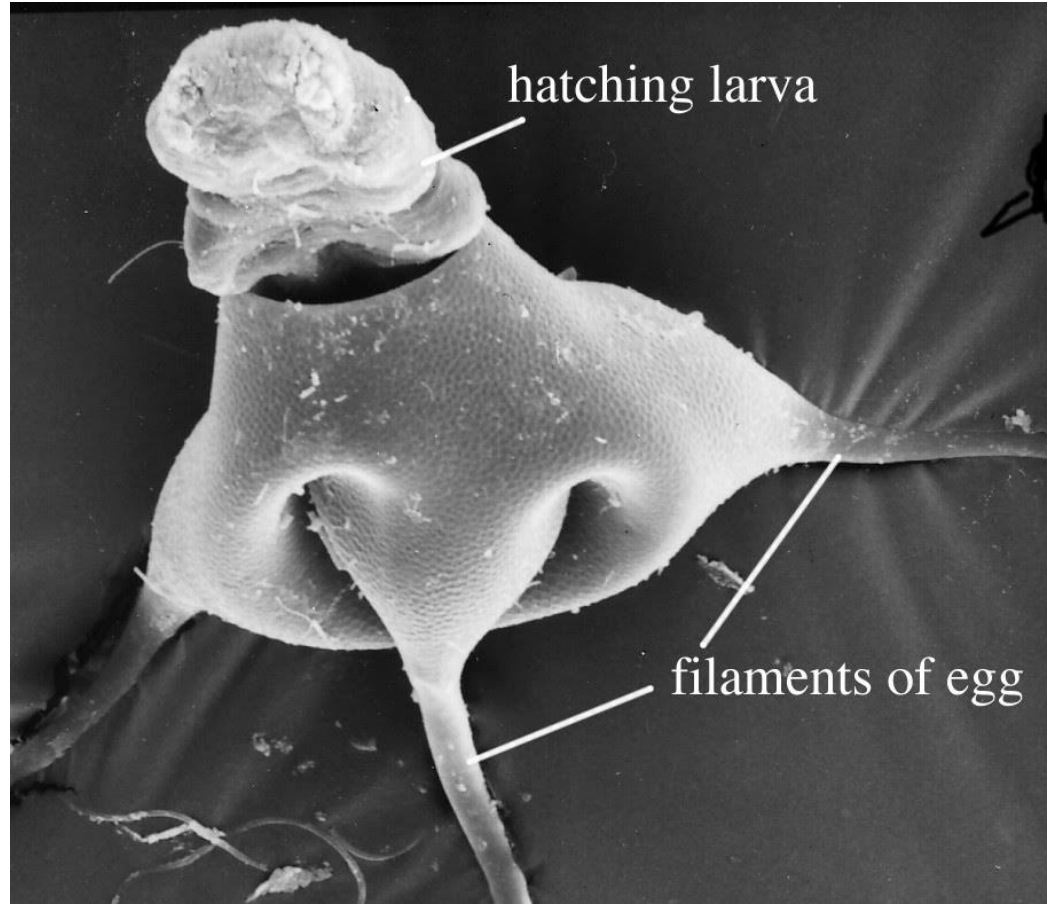
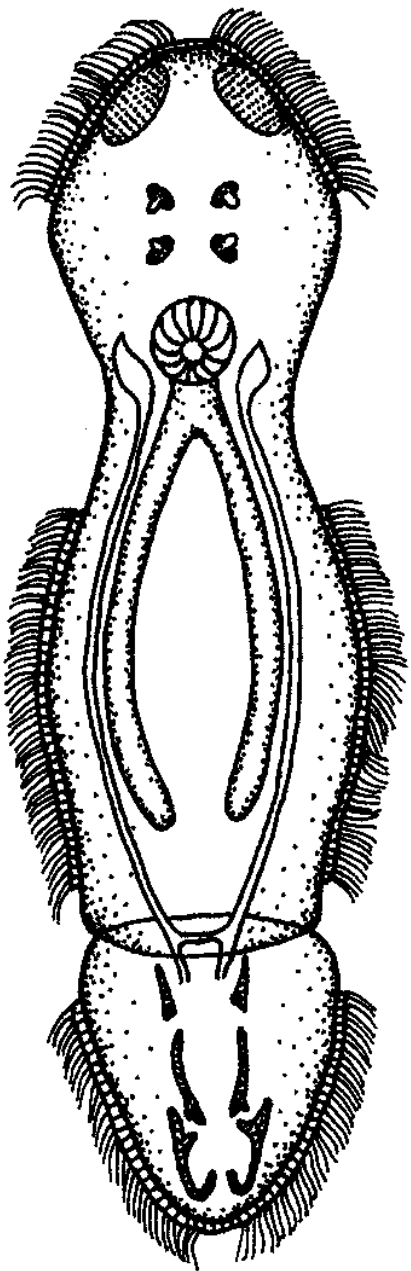
Trematoda - *Clonorchis sinensis* - Posterior end of the chinese liver fluke - testes

Ordo : Monogenea



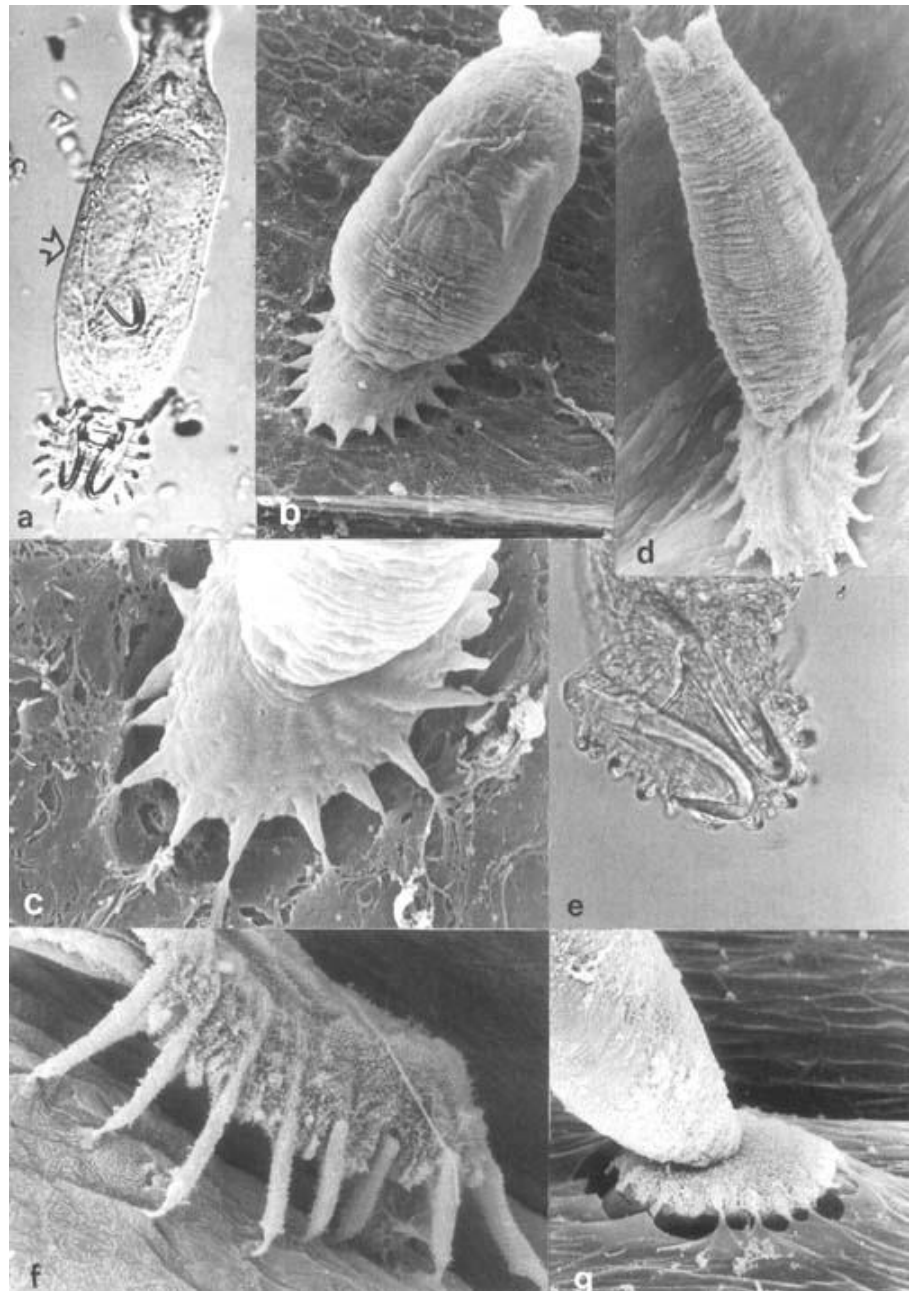
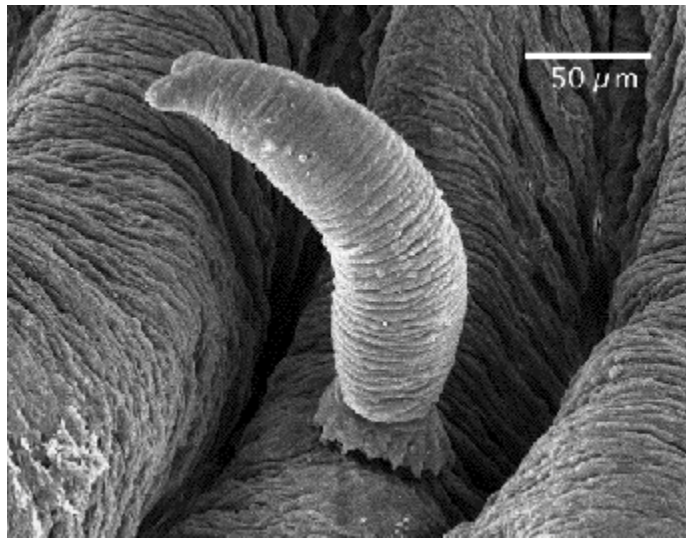
Ordo : Monogenea





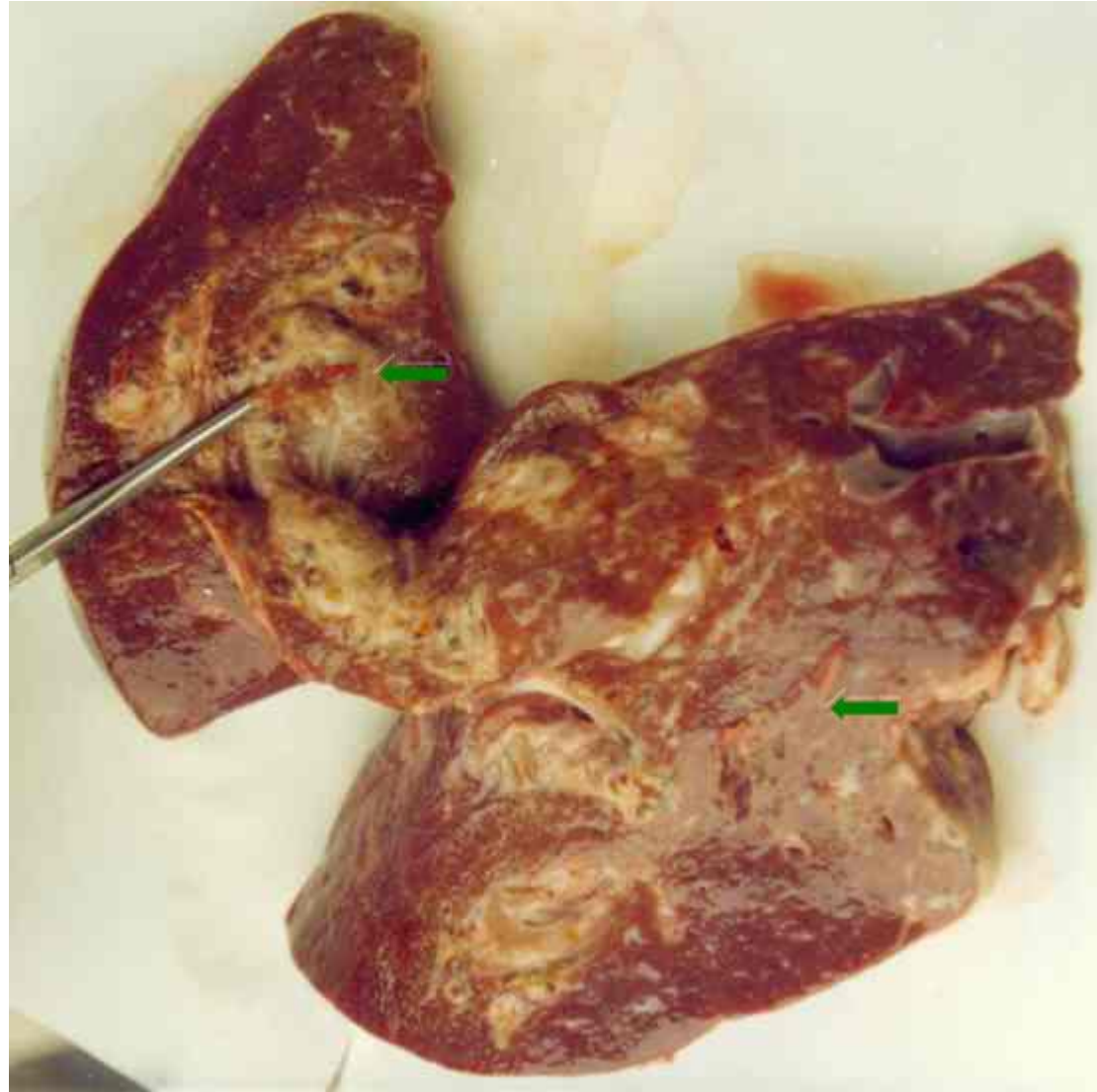
Oncomiracidium larvası

Monogenetik trematod *Sphymura*
temel yapısal özellikleri

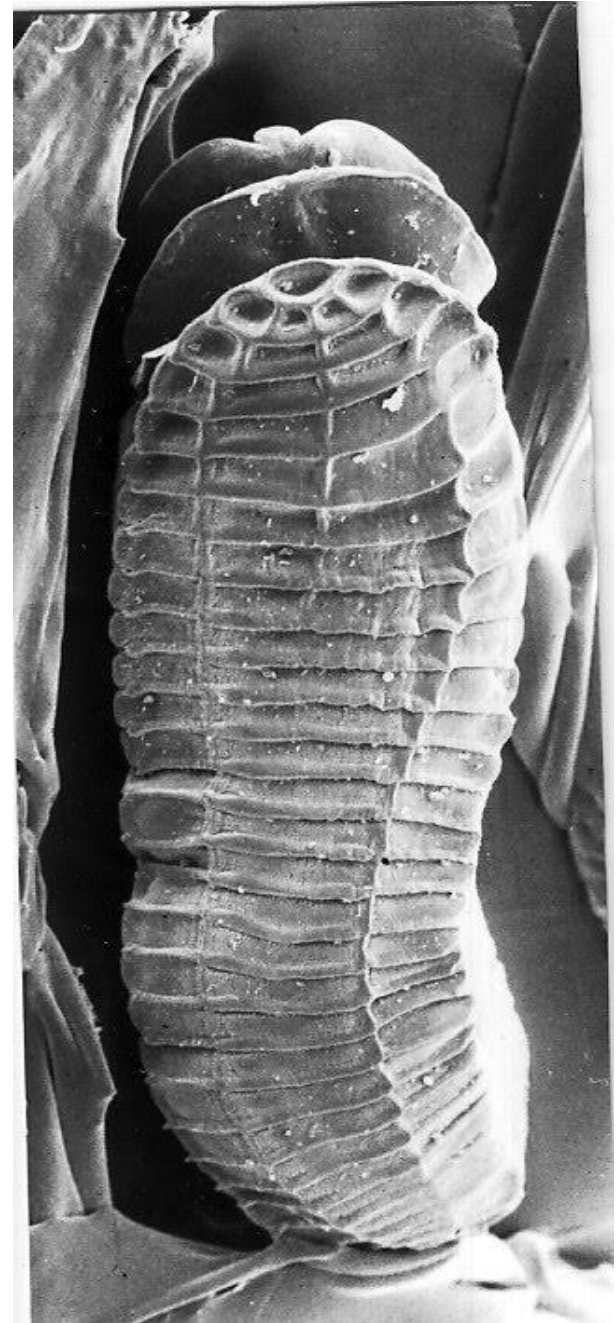
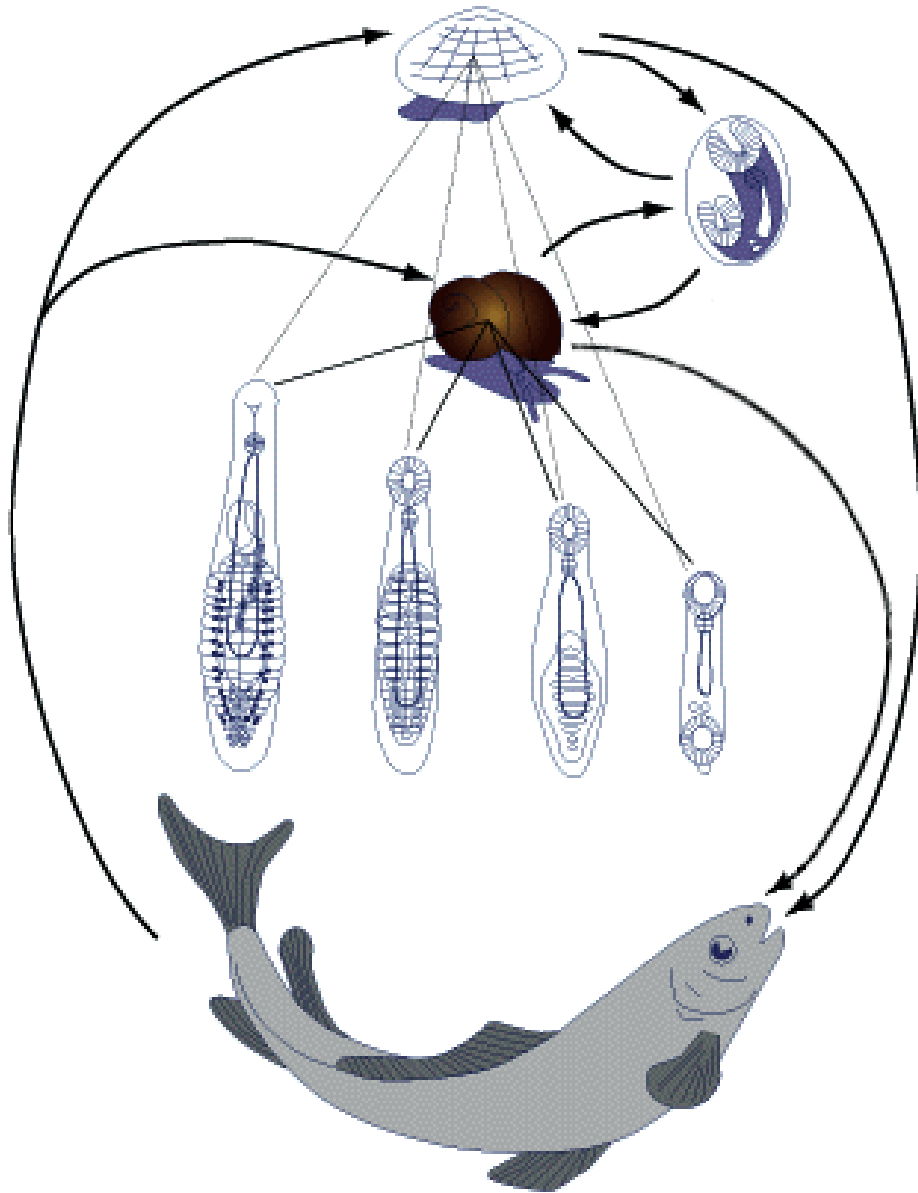


Ordo : Digenea

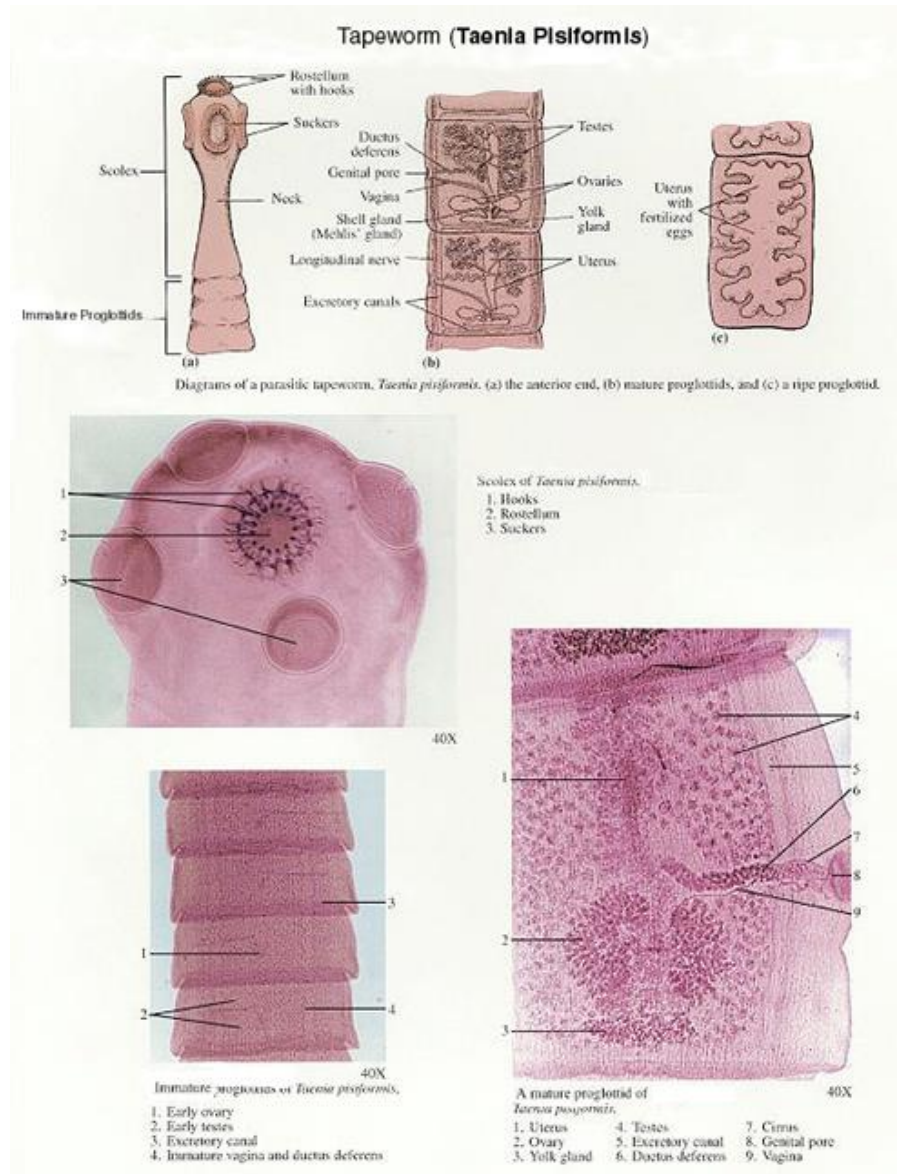
Fasciola hepatica: Liver fluke



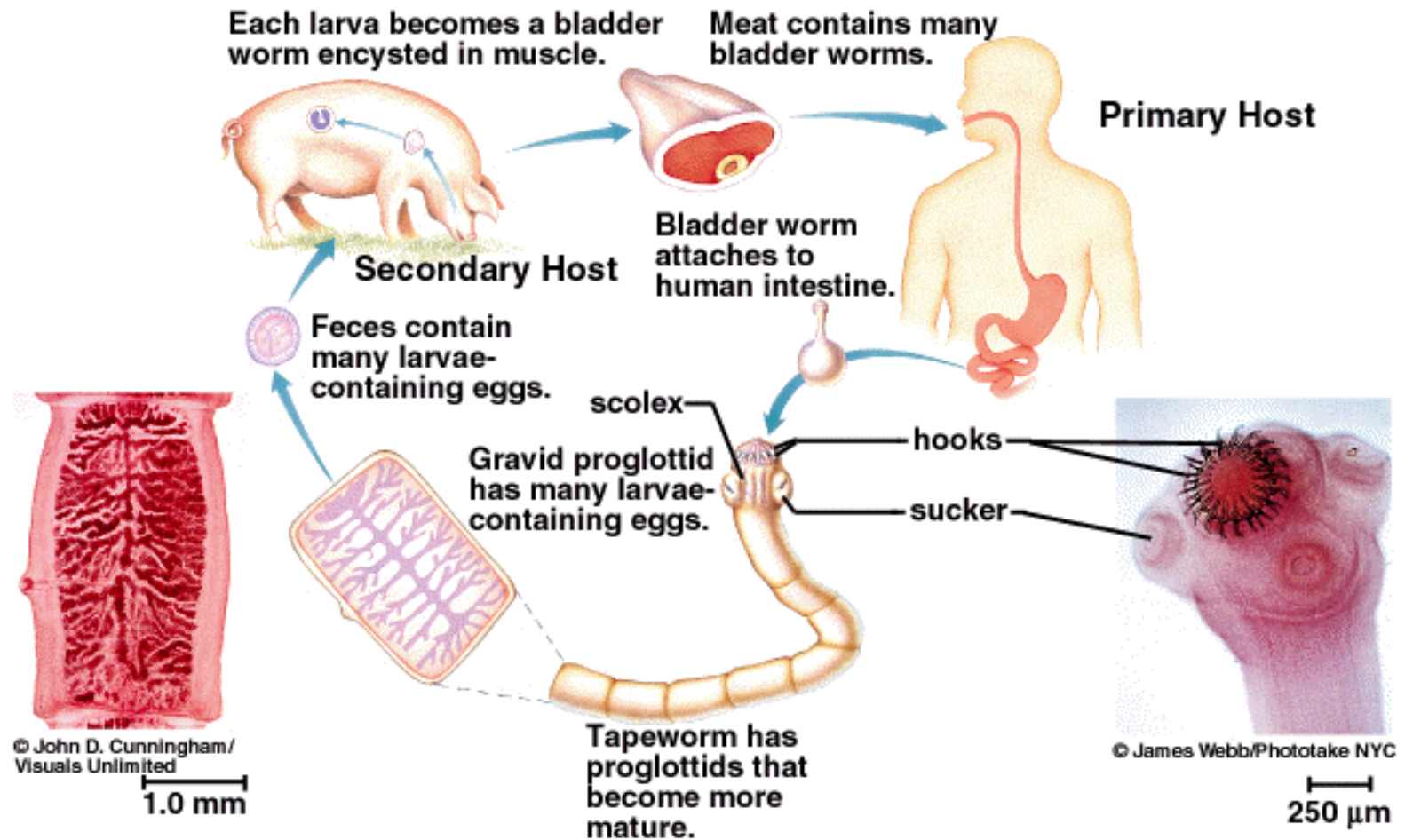
Ordo : Aspidobothrea



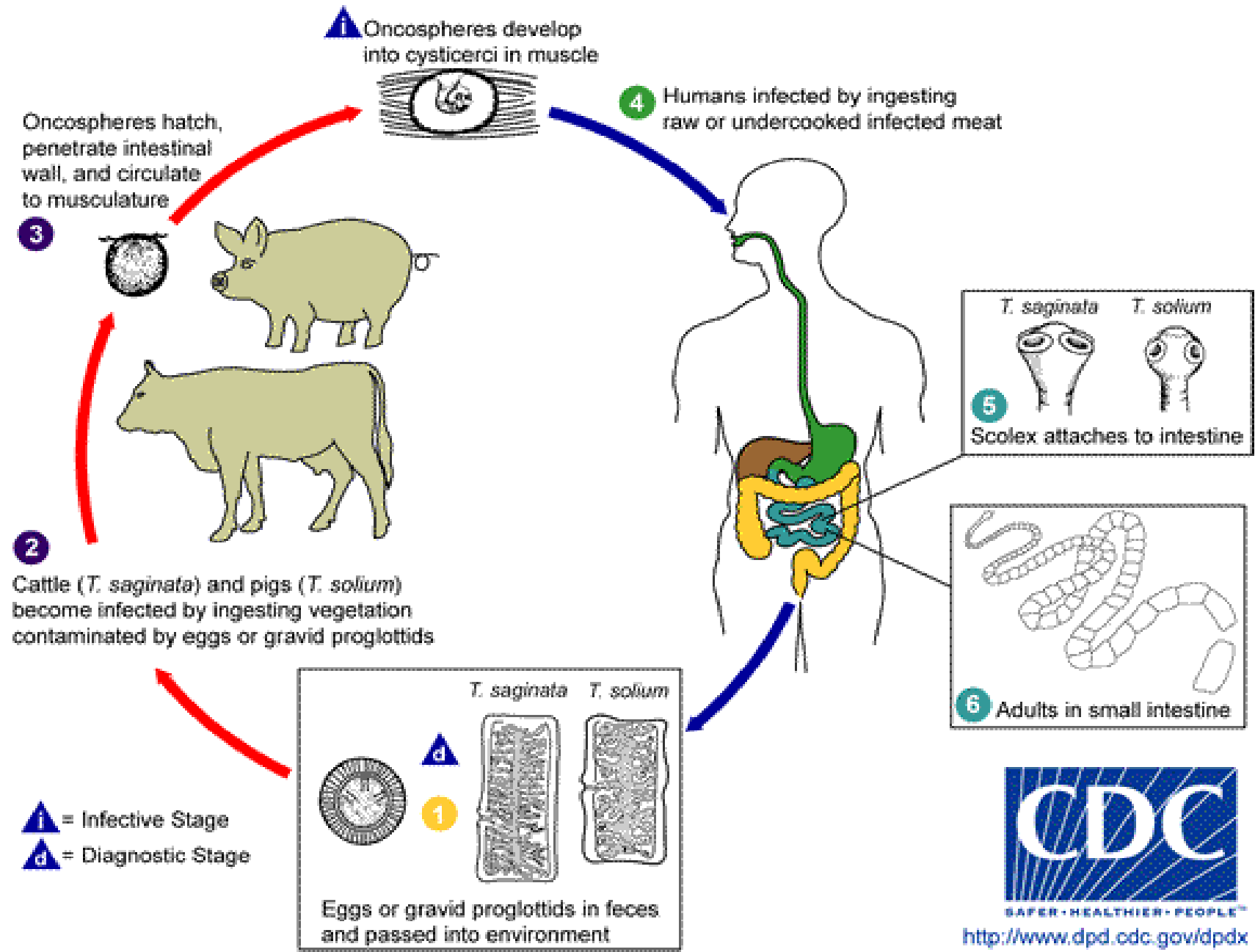
Klasis : Cestoda

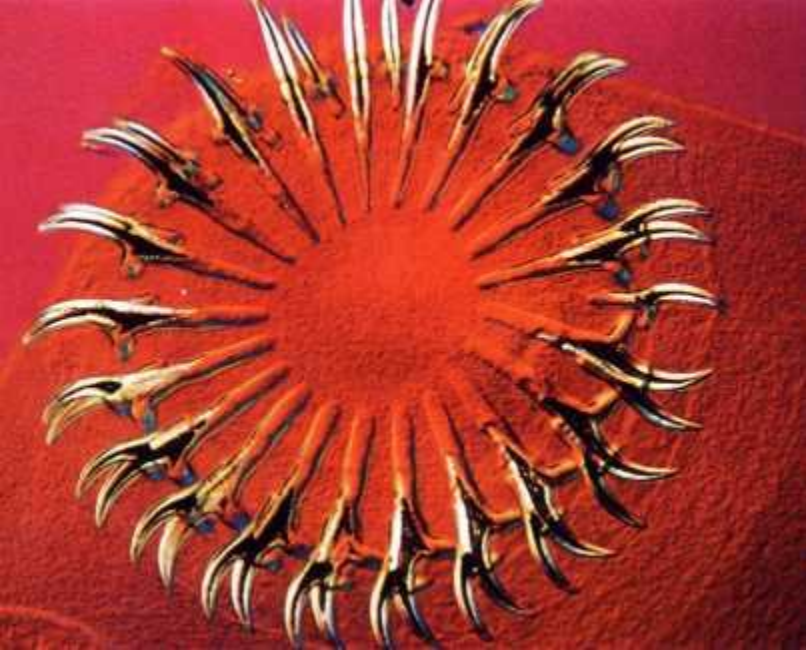


Life cycle of a tapeworm, *Taenia*

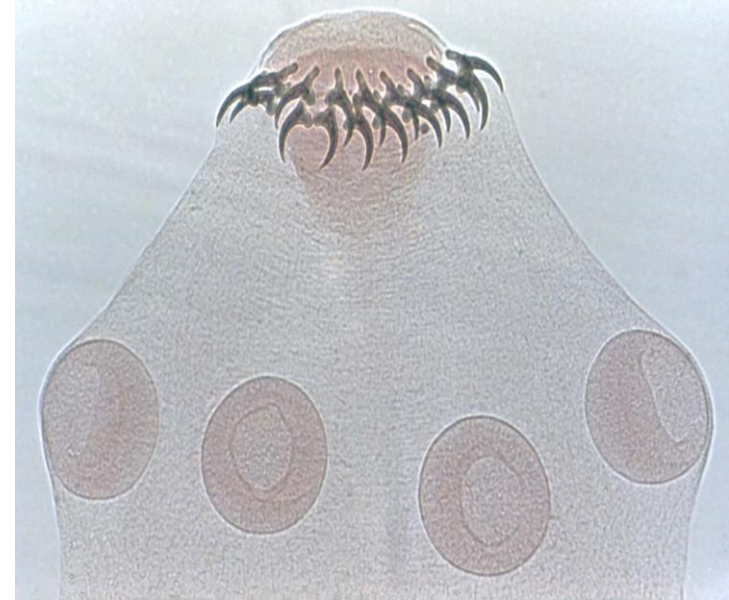


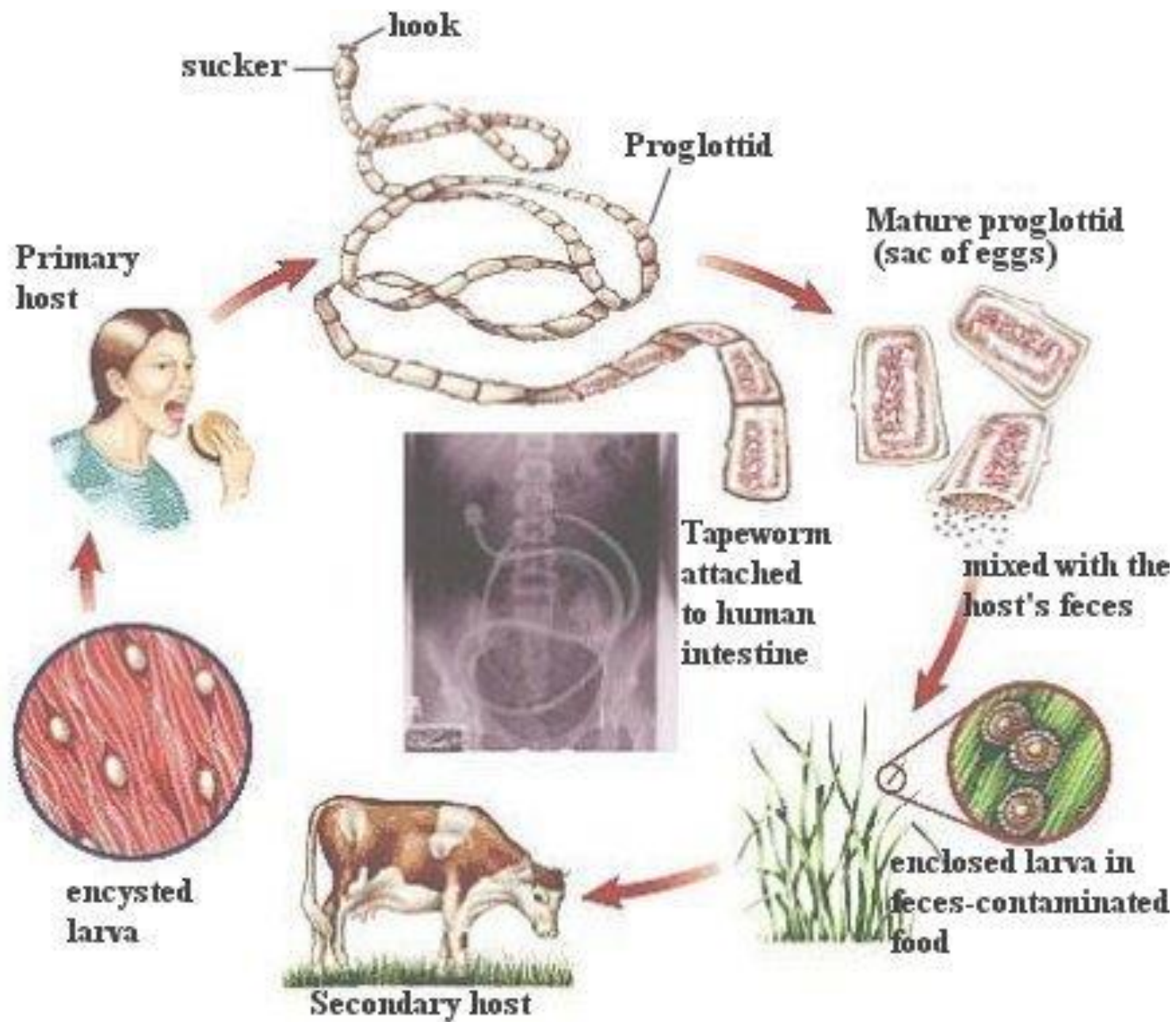
The life cycle of *T. solium* is represented graphically below. It consists of six main steps

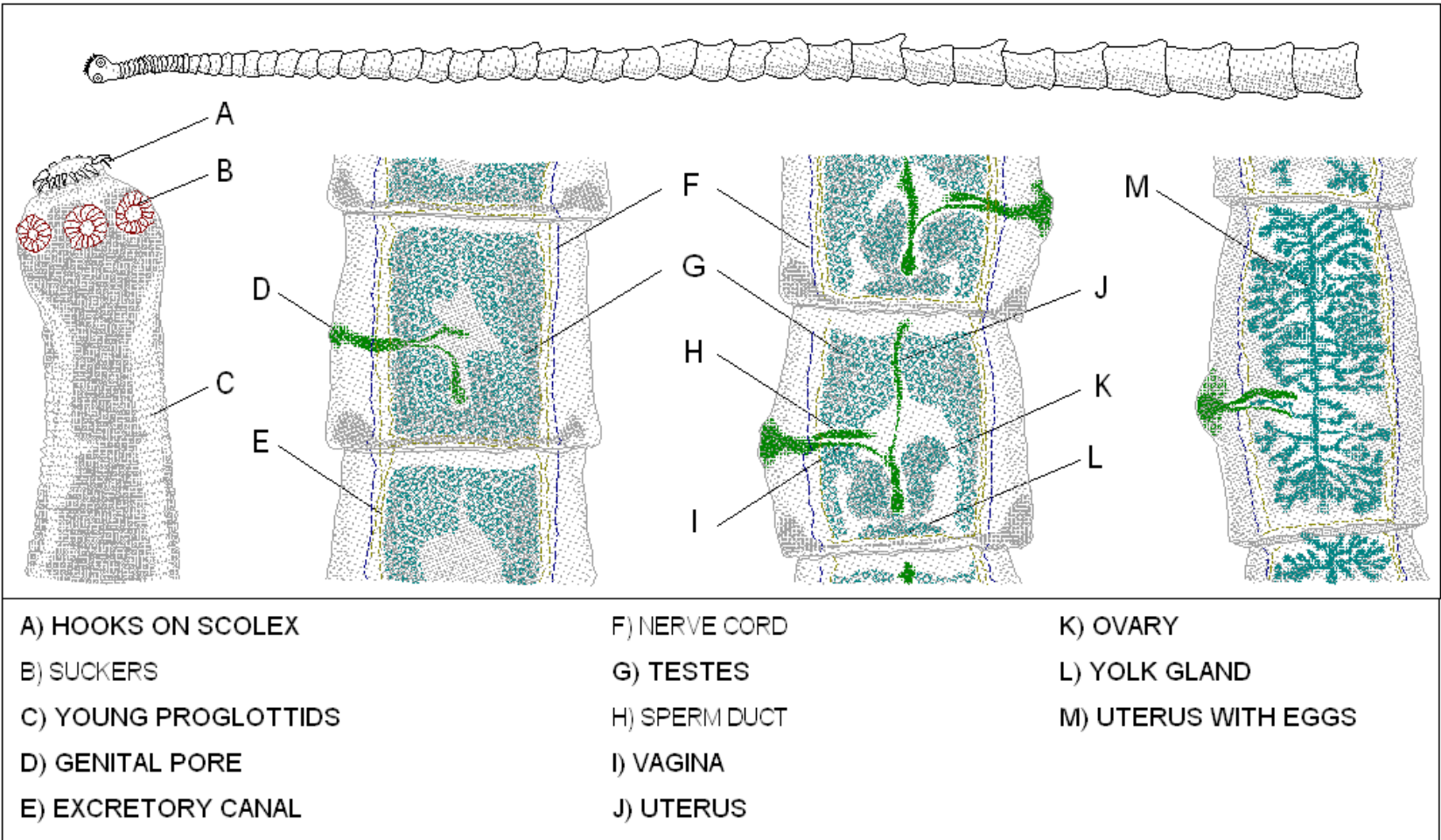




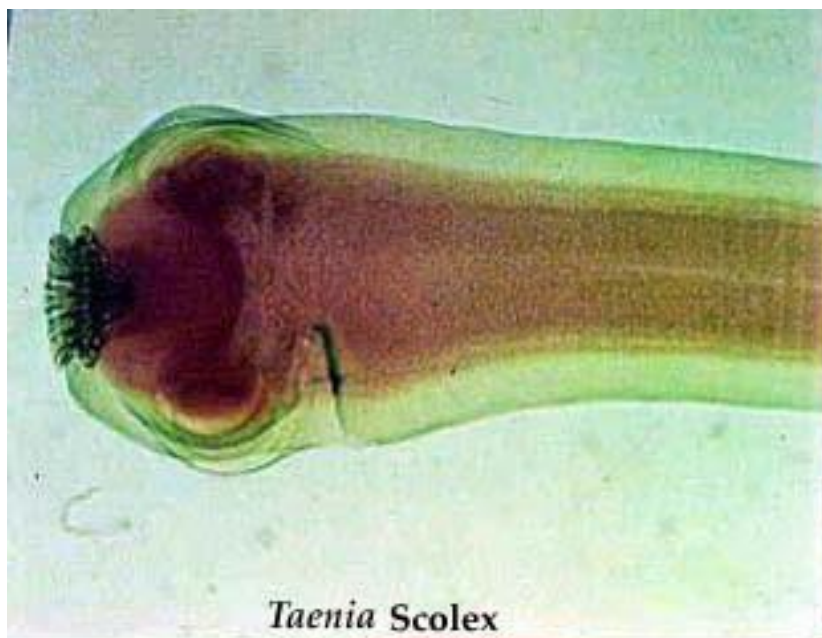
T.solium-Scolex



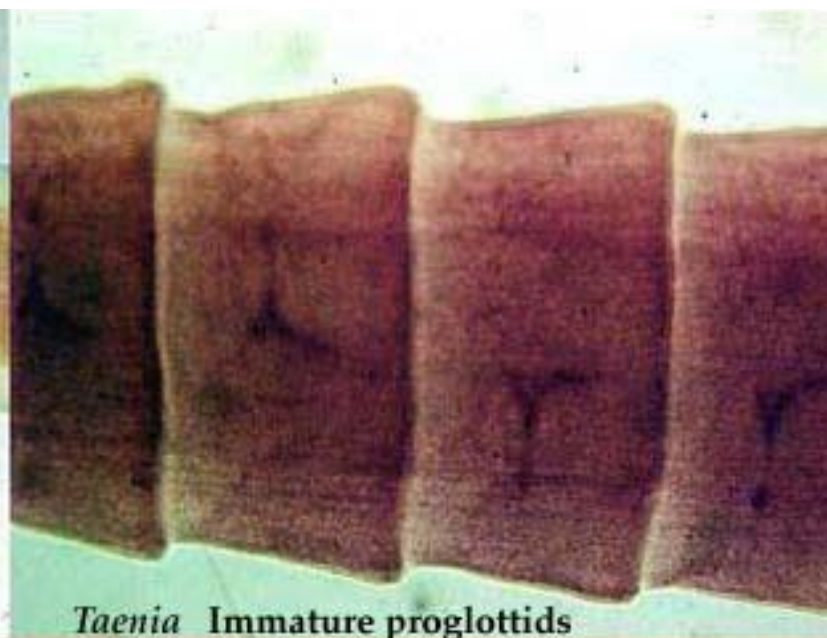




MAJOR ORGANS AND EXTERNAL STRUCTURES ALONG THE LENGTH OF A TAPEWORM (CLASS CESTODA).



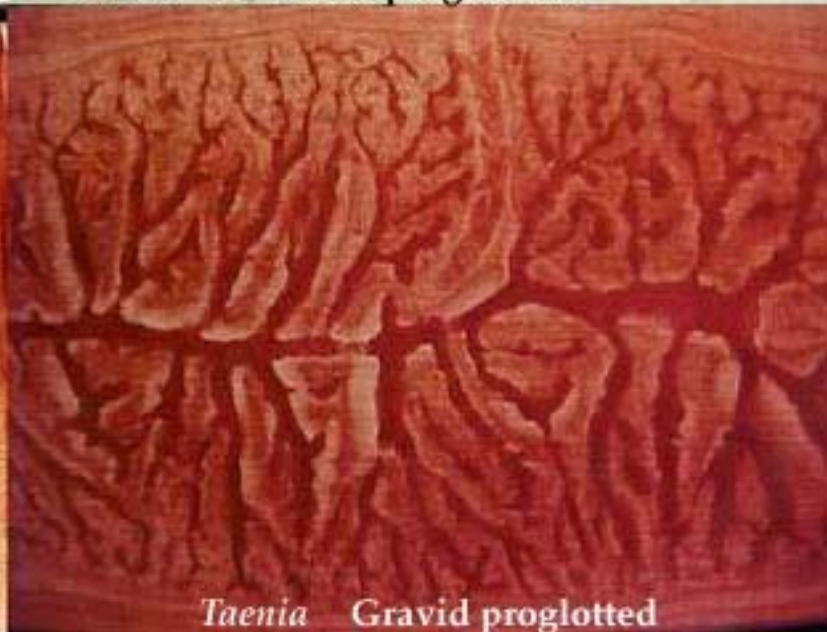
Taenia Scolex



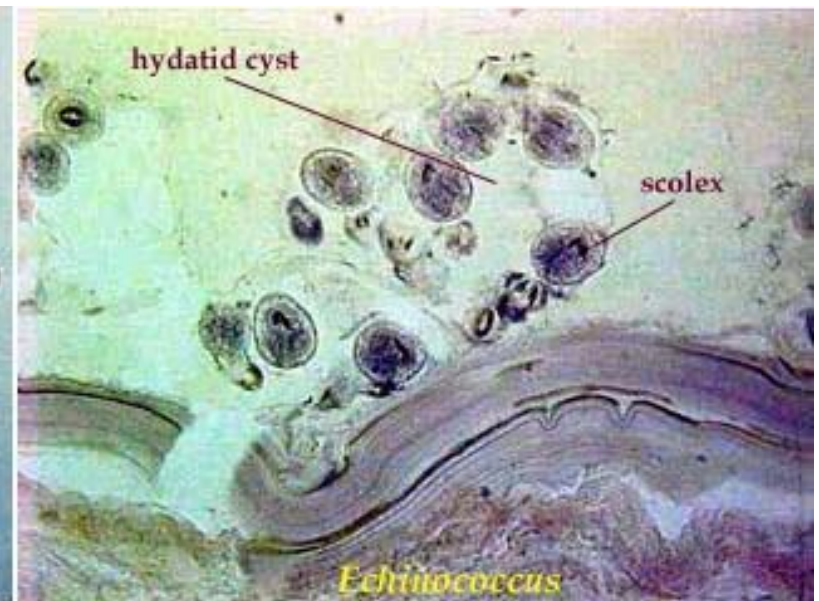
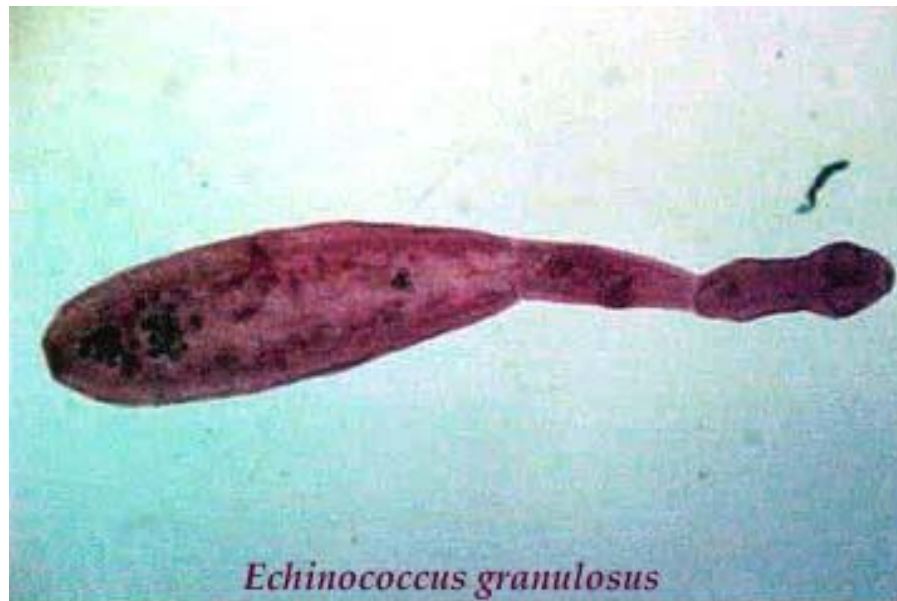
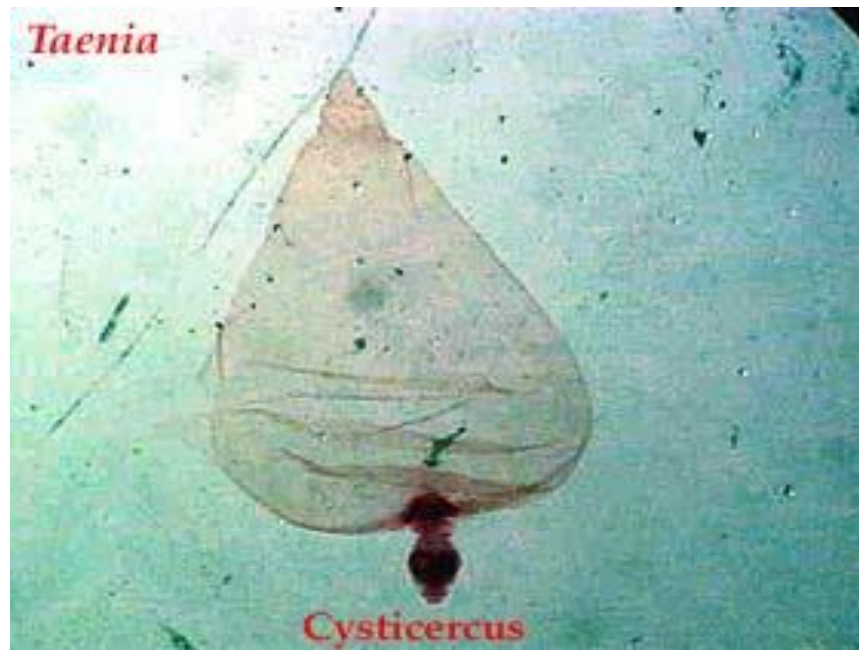
Taenia Immature proglottids



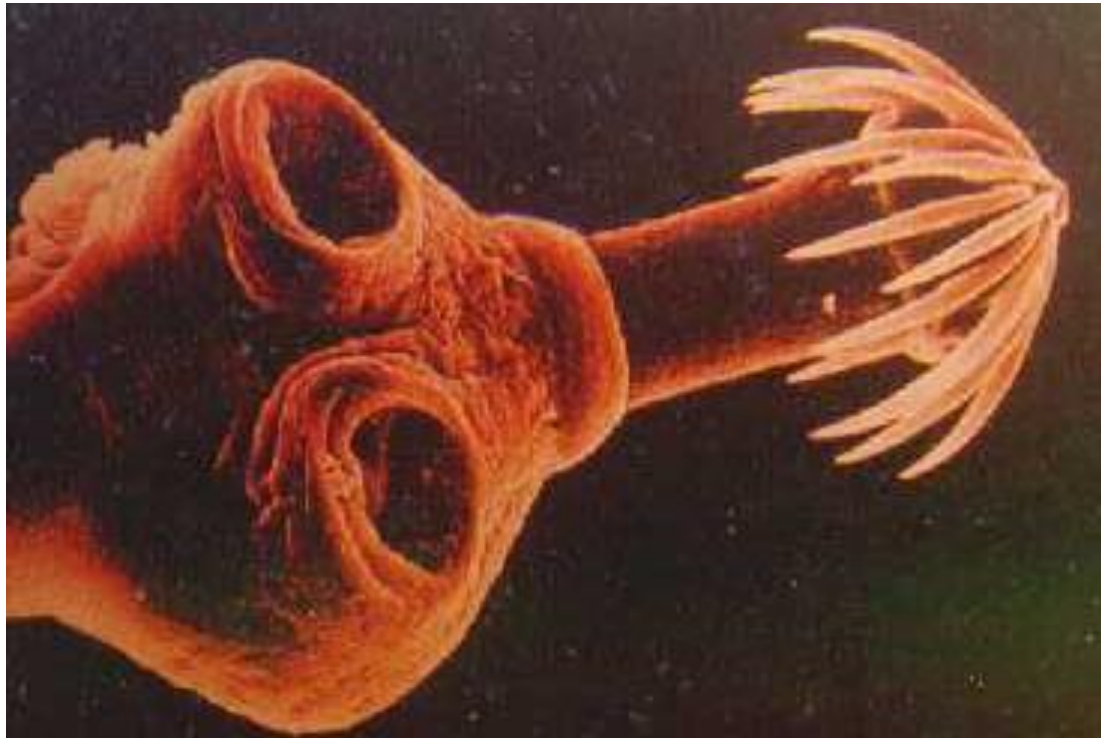
Taenia Mature proglottid



Taenia Gravid proglottid



Klasis : Cestoda



Ovum of *Hymenolepis diminuta*, the rat tapeworm. Insects ingest the ova, and the cysticercoid larvae develop in the hemocoel. Rats acquire the infection by ingesting the insects. Occasionally, humans are reported infected with the rat tapeworm.