



Invertebrates 1

BGS 115

(Practical Part)

First semester

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Zoology Department

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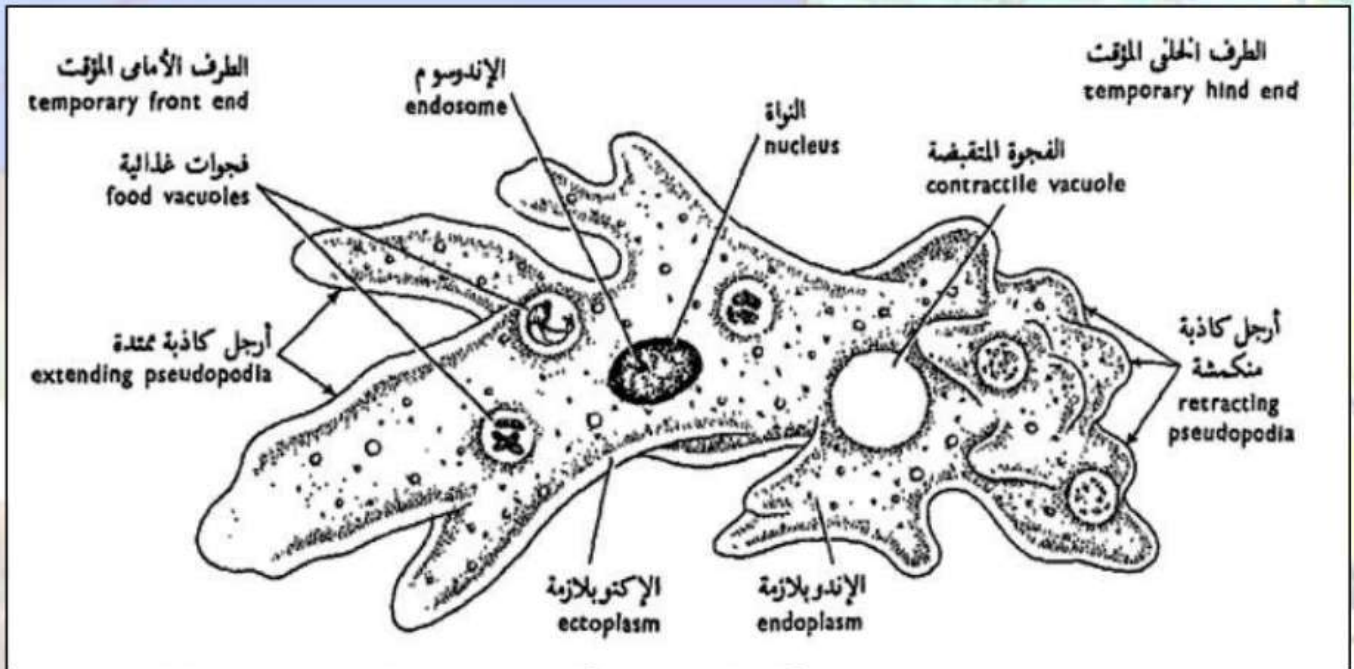
Kingdom: Animalia

Subkingdom: Protozoa

Phylum: Protozoa

Class: Sarcodina

e.g.: *Amoeba* sp.



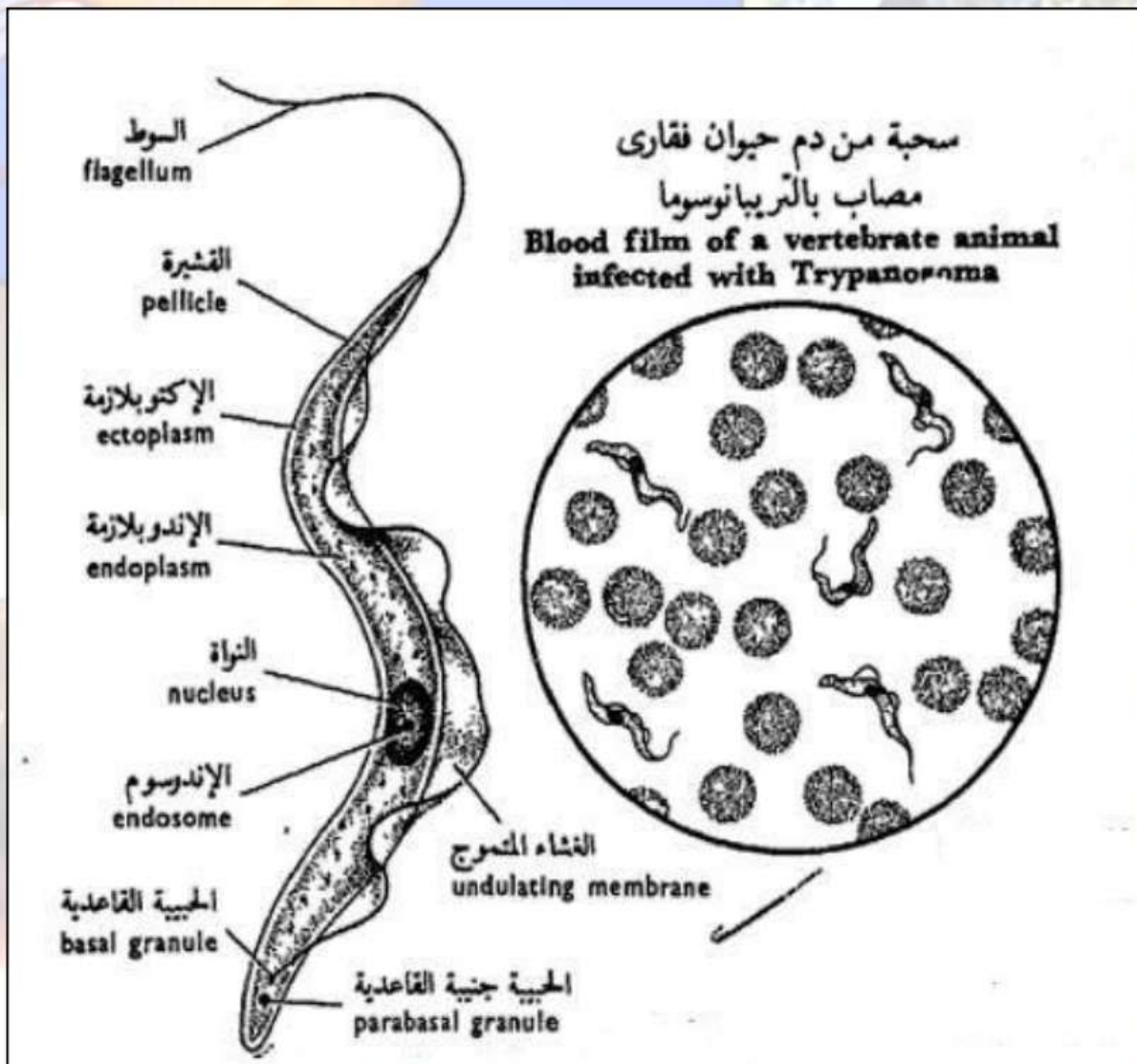
Kingdom: Animalia

Subkingdom: Protozoa

Phylum: Protozoa

Class: Mastigophira

e.g.: *Trypanosoma* sp.



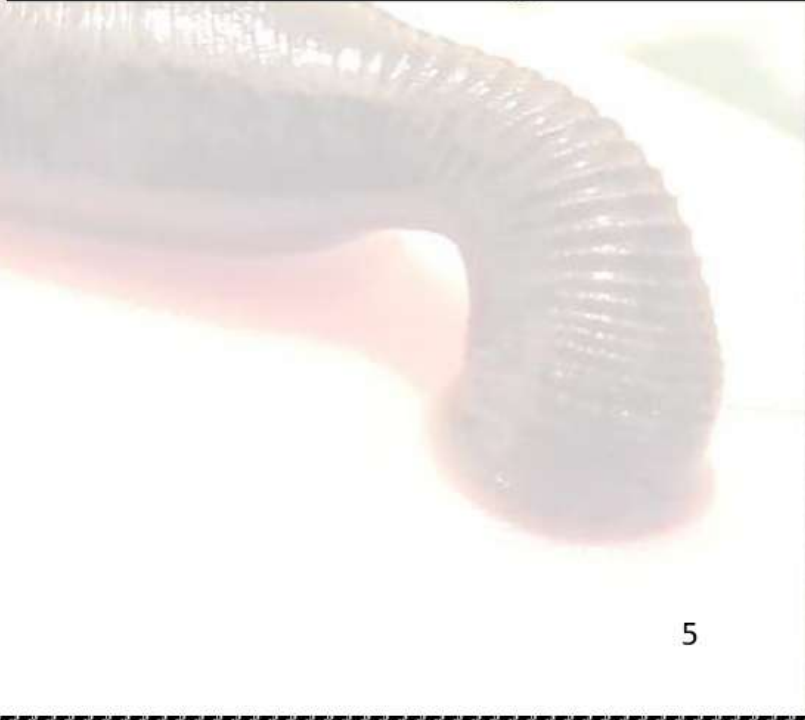
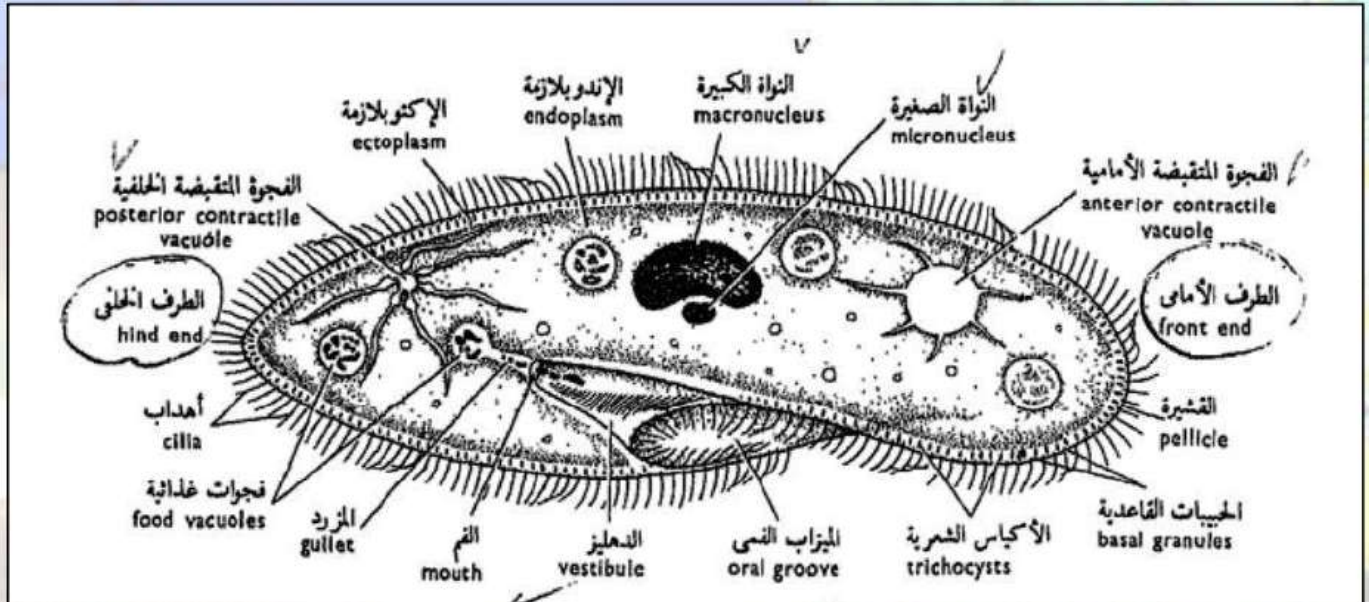
Kingdom: Animalia

Subkingdom: Protozoa

Phylum: Protozoa

Class: Ciliophora

e.g.: *Paramecium* sp.



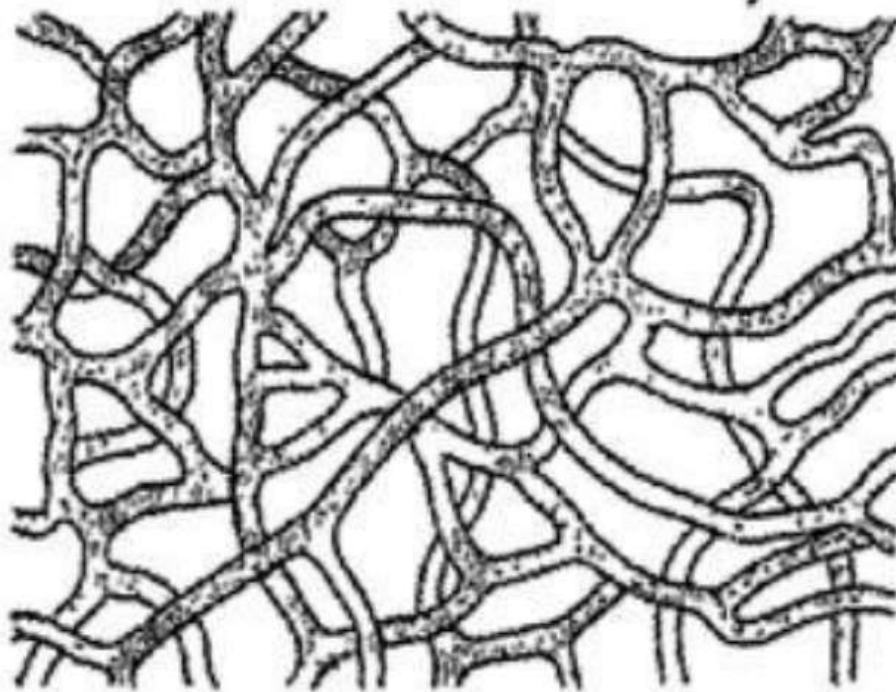
Kingdom: Animalia

Subkingdom: Parazoa

Phylum: Porifera

The leucon type

e.g.: *Euspongia* sp.



الألياف الإسفنجية من إسفنج الحمام
Spongin fibres from bath sponge

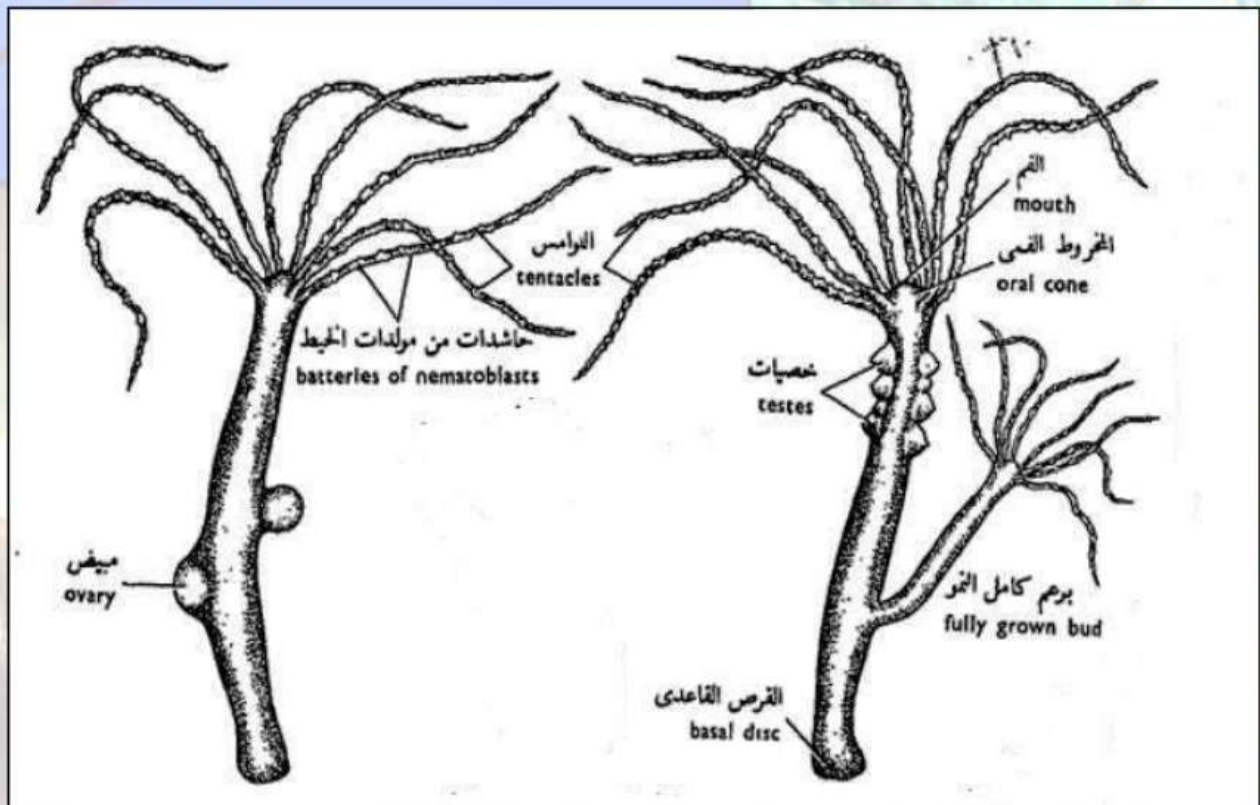
Kingdom: Animalia

Subkingdom: Metazoa

Phylum: Coelentrata

Class: Hydrozoa

e.g.: *Hydra sp.*



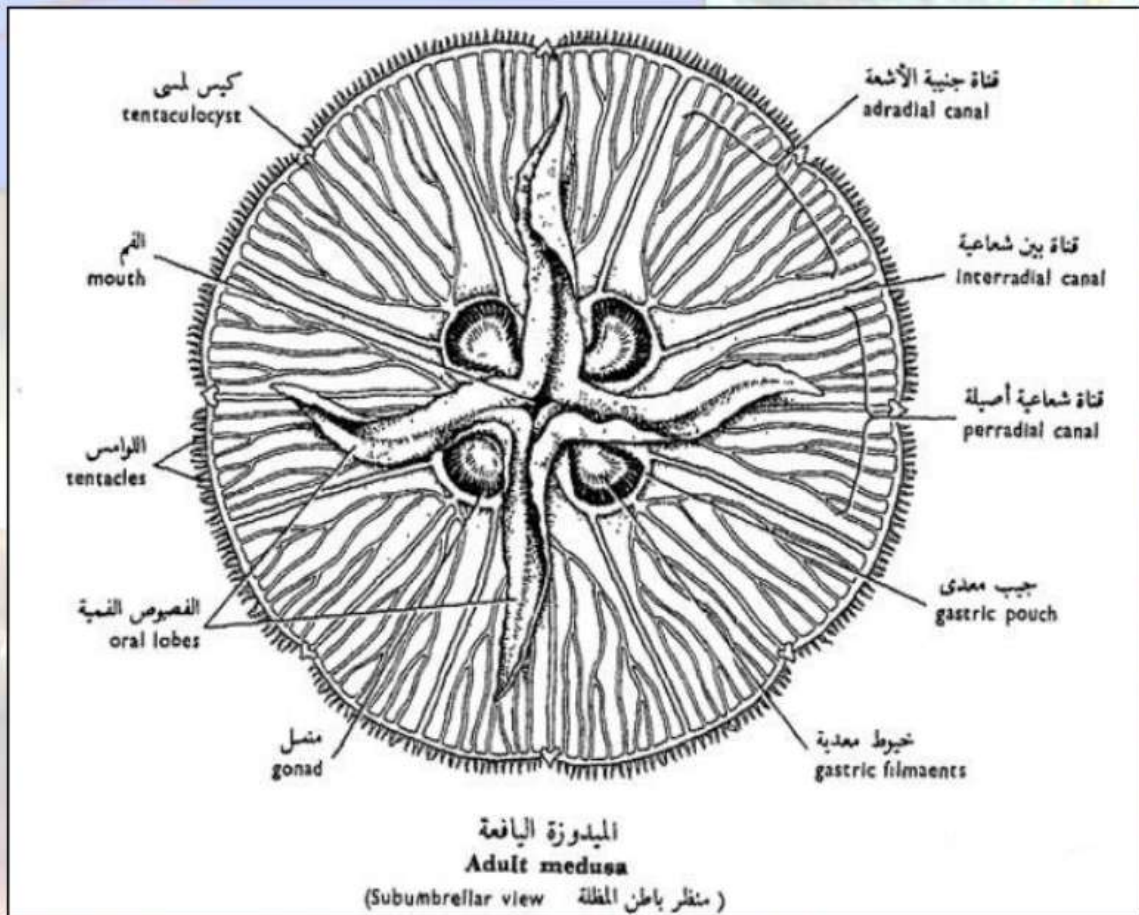
Kingdom: Animalia

Subkingdom: Metazoa

Phylum: Coelentrata

Class: Scyphozoa

e.g.: *Aurelia* sp.



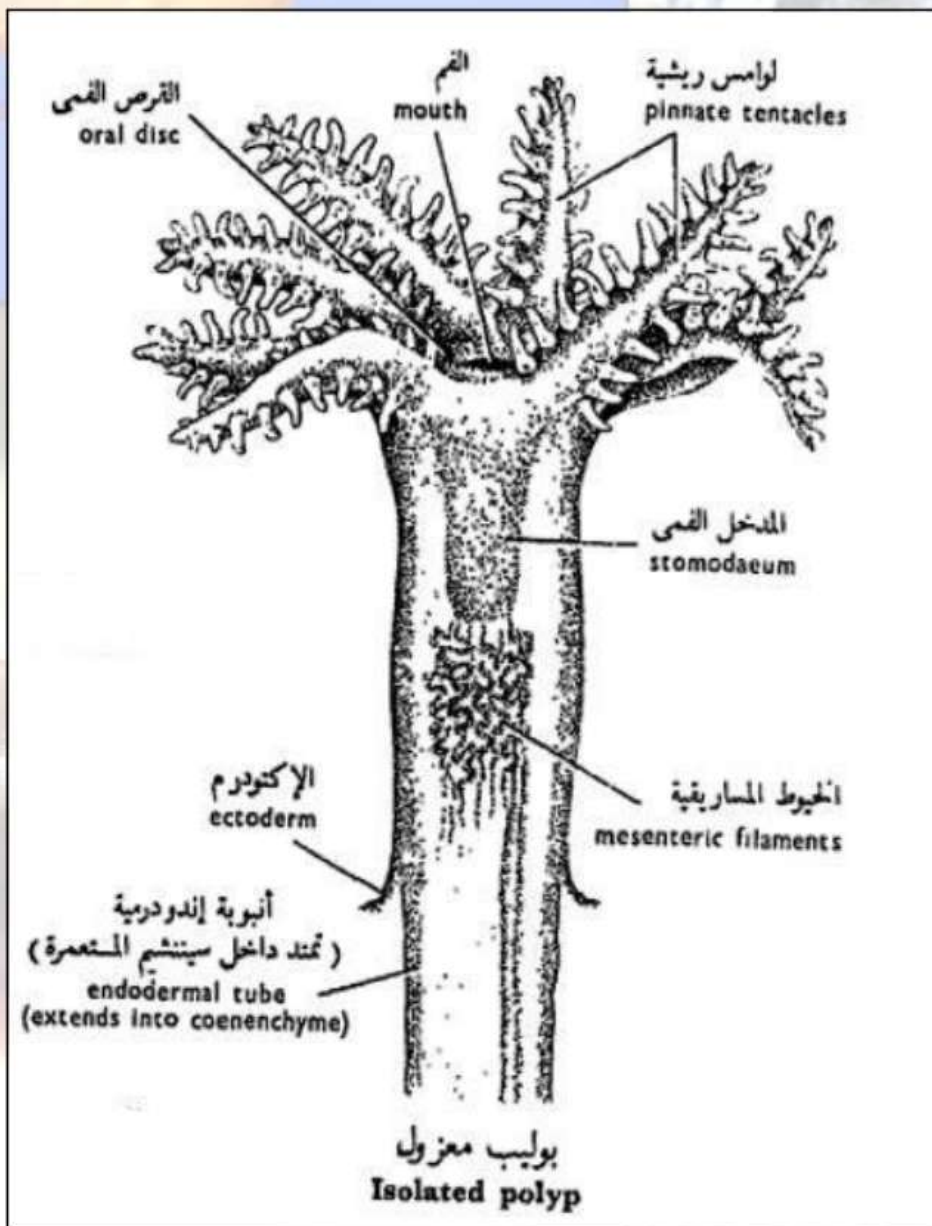
Kingdom: Animalia

Subkingdom: Metazoa

Phylum: Coelentrata

Class: Actinozoa

e.g.: *Alcyonium* sp.



Kingdom: Animalia

Subkingdom: Metazoa

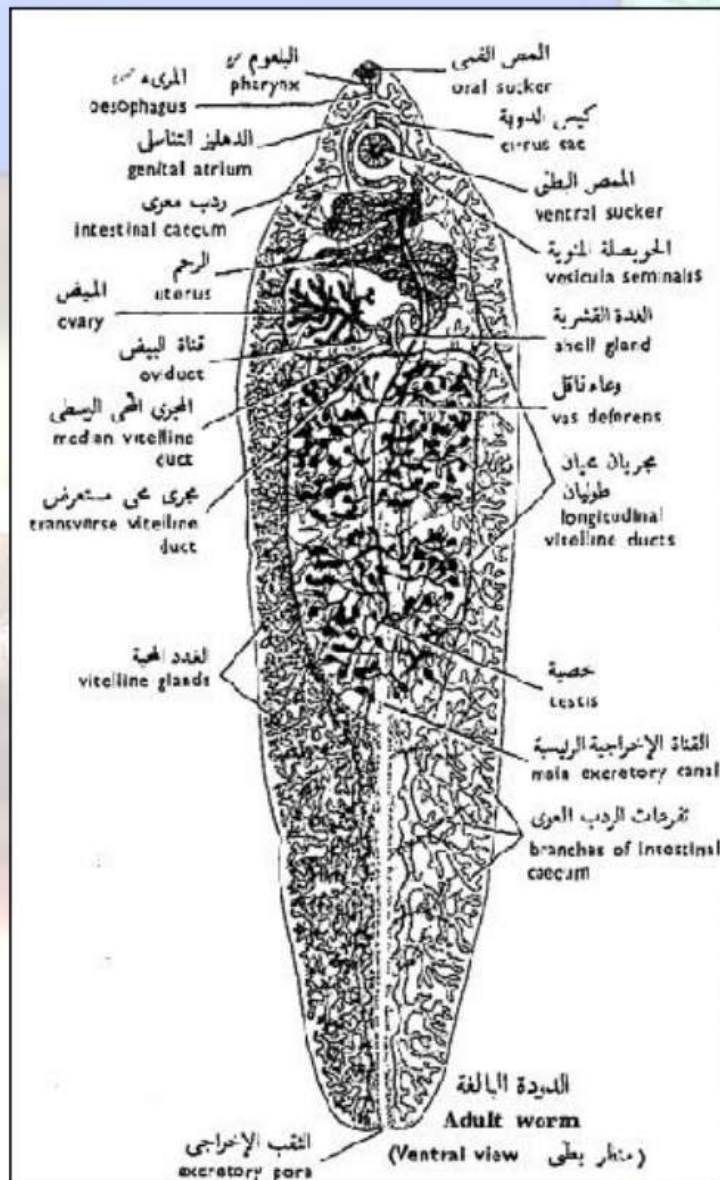
Phylum: Platyhelminthes

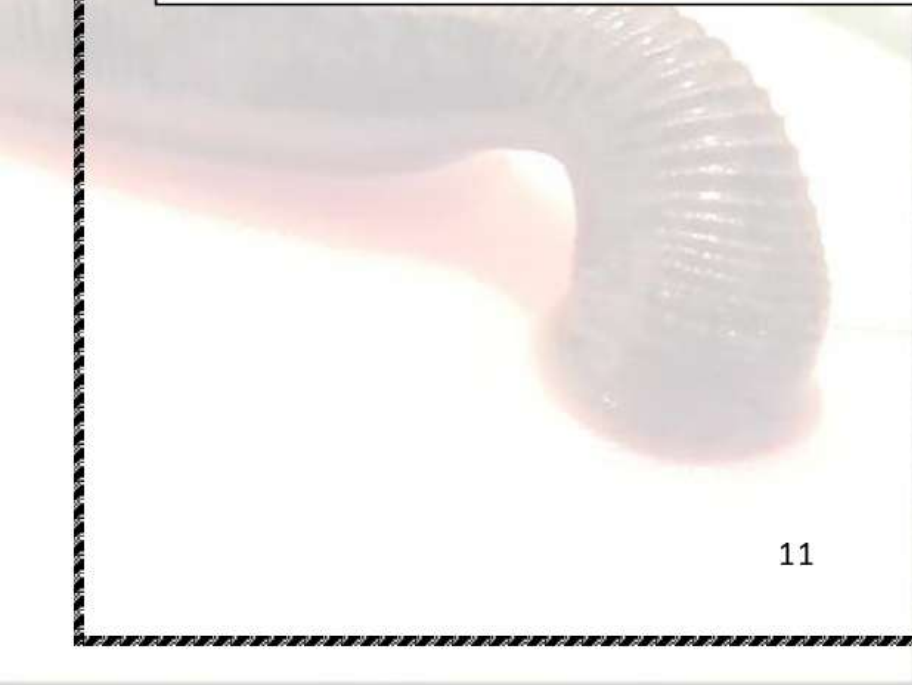
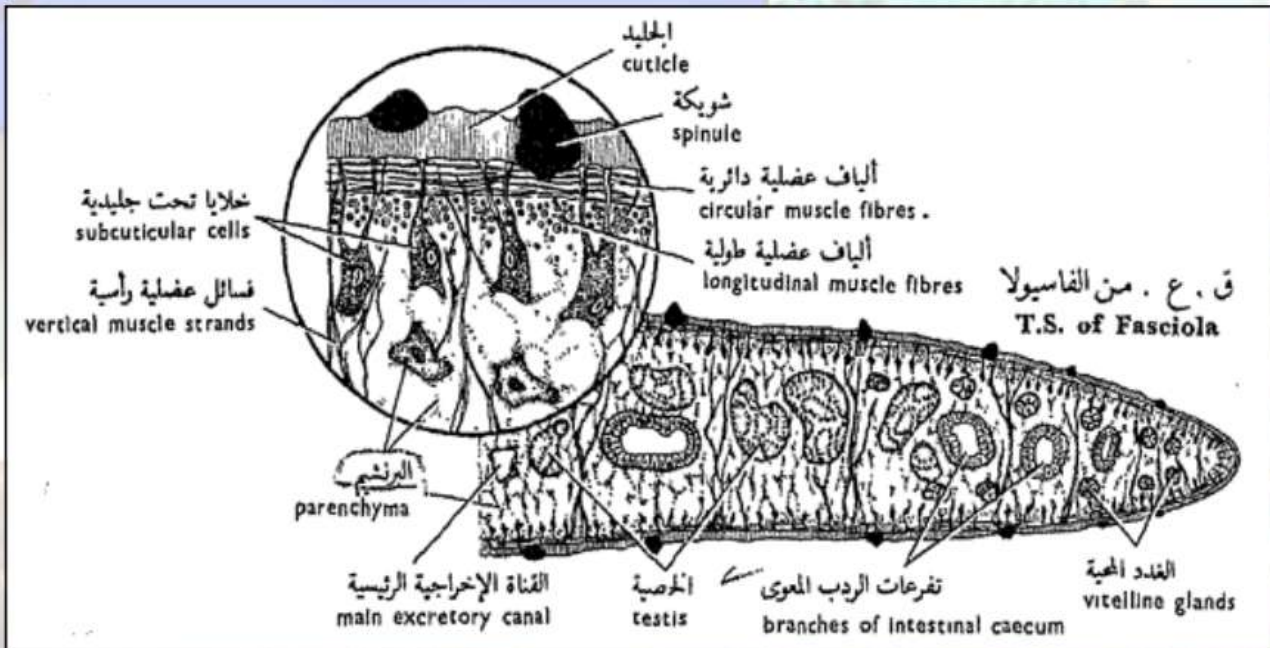
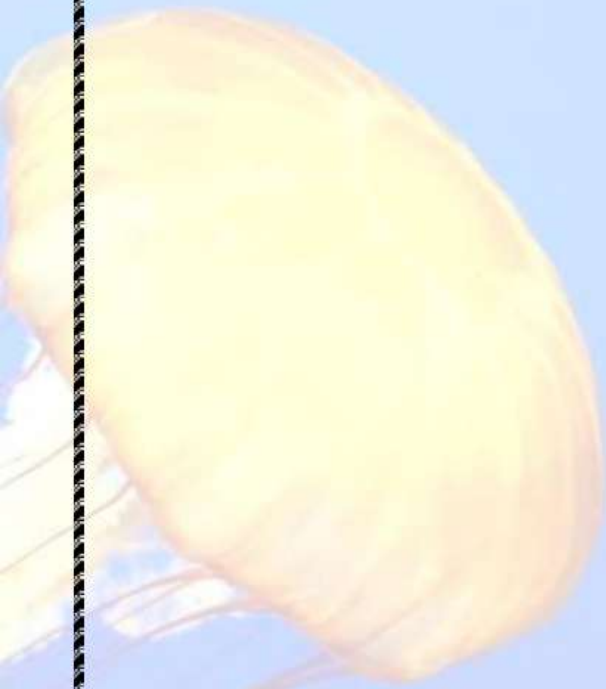
Class: Trematoda

Subclass: Digenea

Family: Fasciolidae

e.g.: *Fasciola gigantica*.





Kingdom: Animalia

Subkingdom: Metazoa

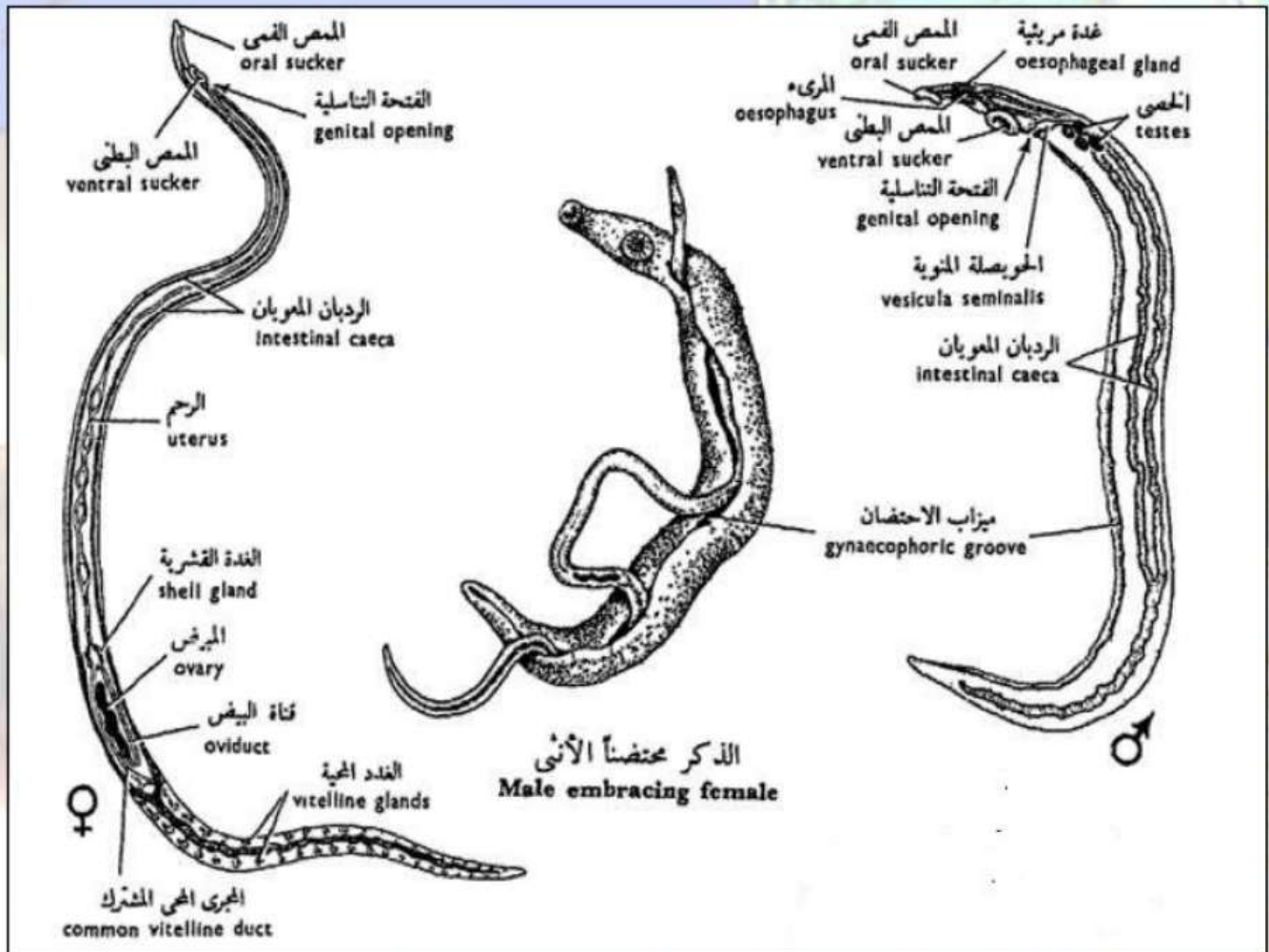
Phylum: Platyhelminthes

Class: Trematoda

Subclass: Digenea

Family: Schistosomatidae

e.g.: *Schistosoma haematobium*.



Kingdom: Animalia

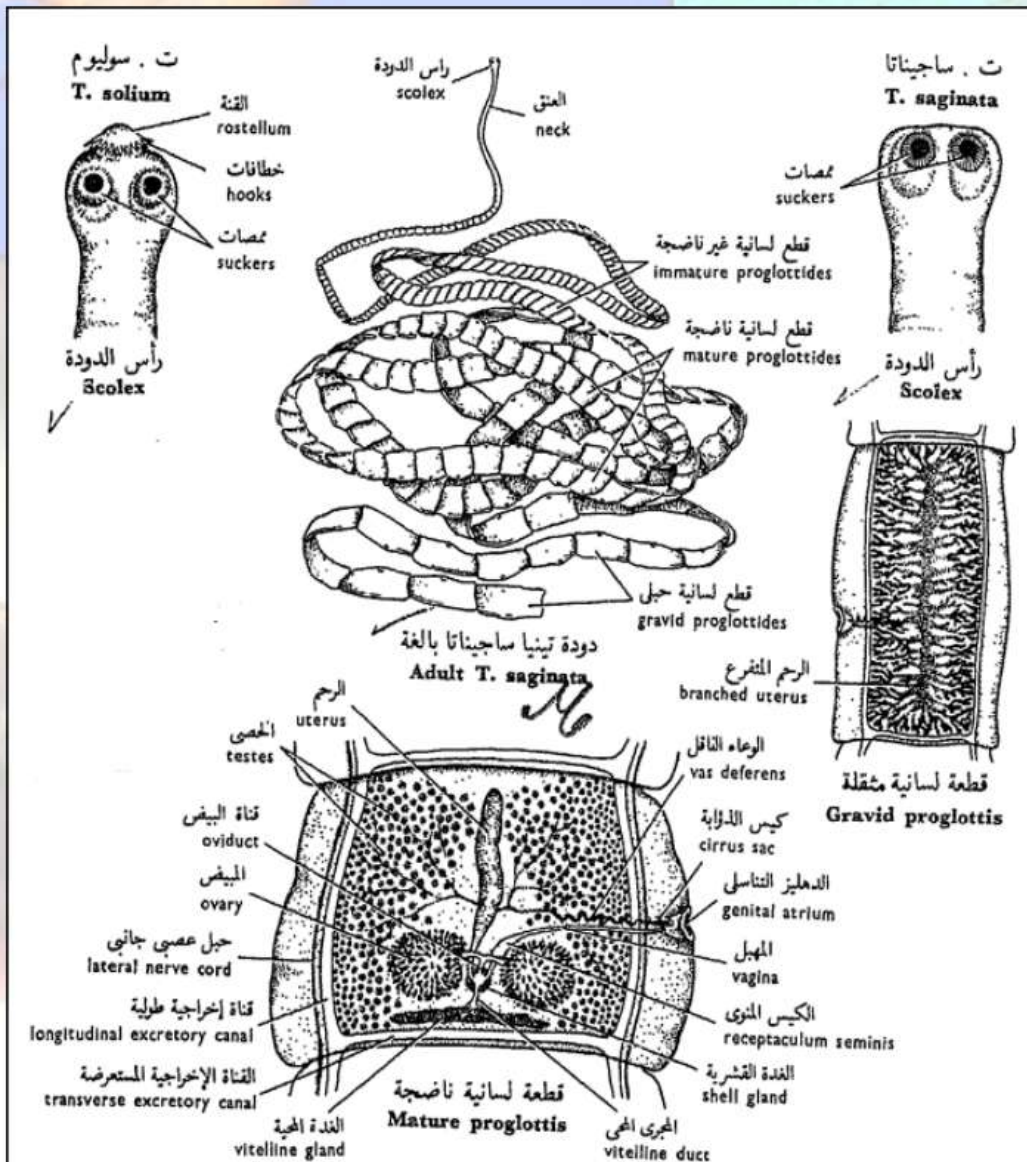
Subkingdom: Metazoa

Phylum: Platyhelminthes

Class: Cestoda

e.g.1 : *Taenia saginata*.

e.g.2 : *Taenia solium*.



Kingdom: Animalia

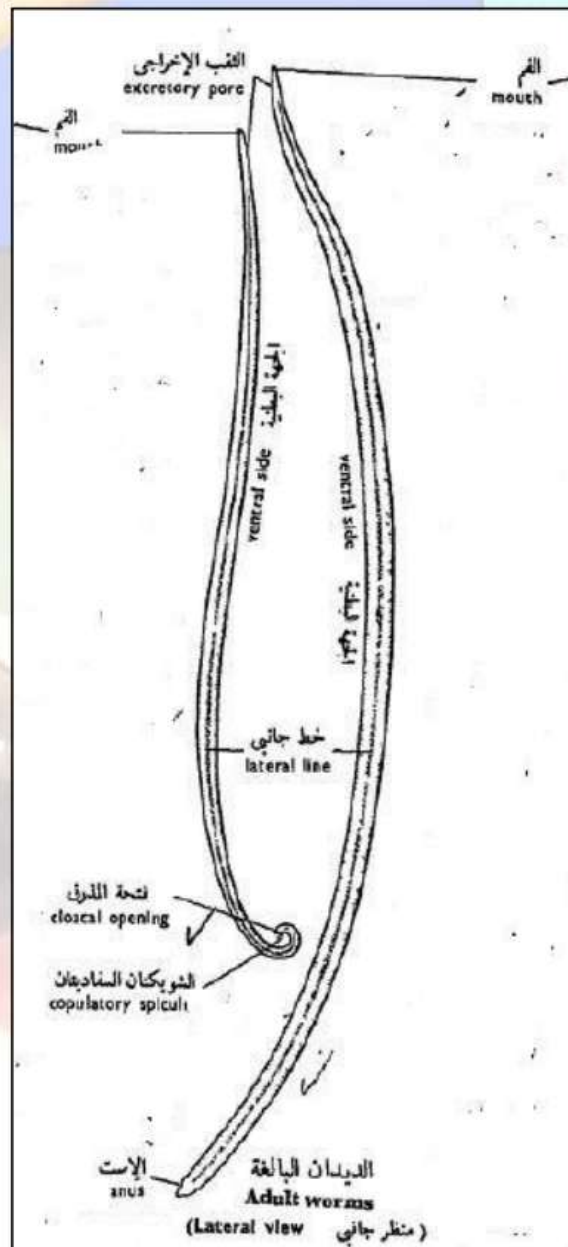
Subkingdom: Metazoa

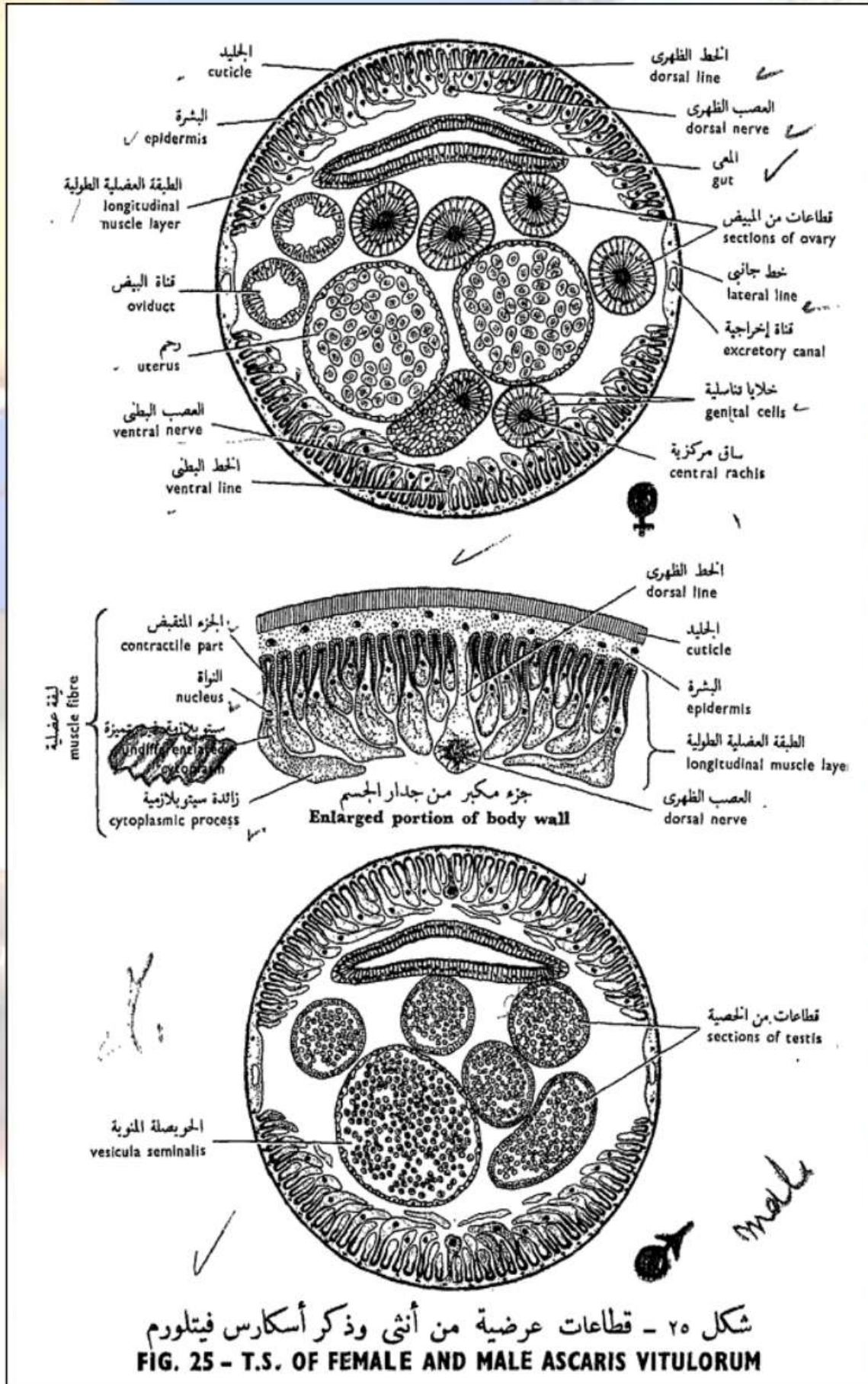
Phylum: Aschelminthes

Class: Nematoda

Order: Ascaridata

e.g. : *Ascaris vitulorum*.





شكل ٢٥ - قطاعات عرضية من أنثى وذكر أسكارس فيتلوروم
 FIG. 25 - T.S. OF FEMALE AND MALE ASCARIS VITULORUM

Kingdom: Animalia

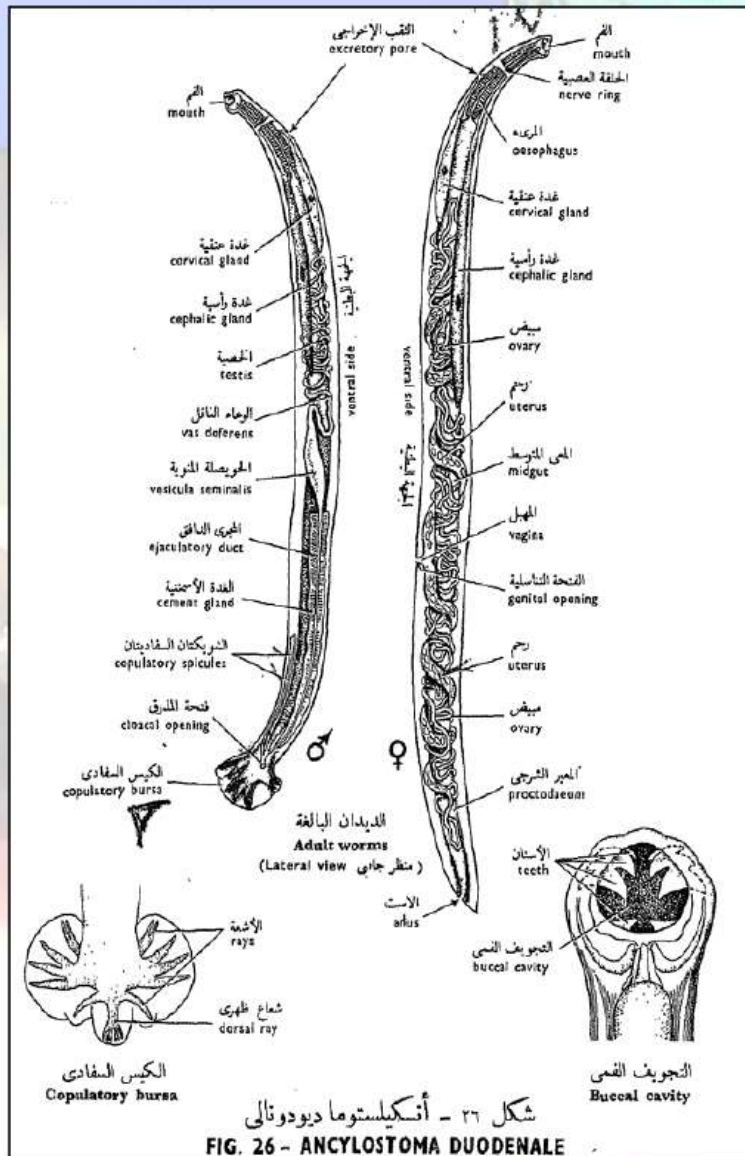
Subkingdom: Metazoa

Phylum: Aschelminthes

Class: Nematoda

Order: Ascaridata

e.g. : *Ascaris vitulorum*.



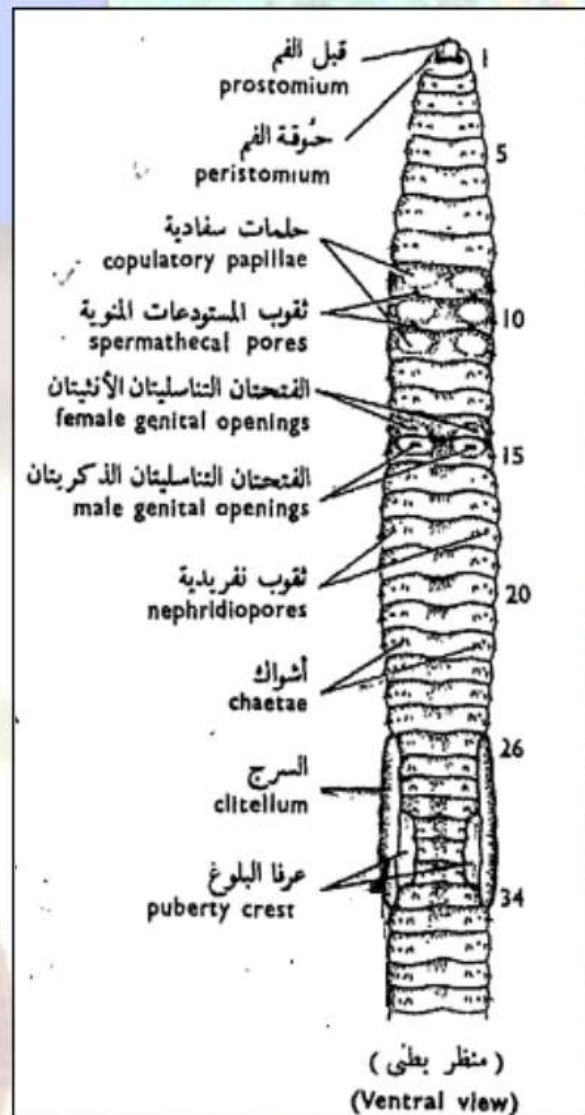
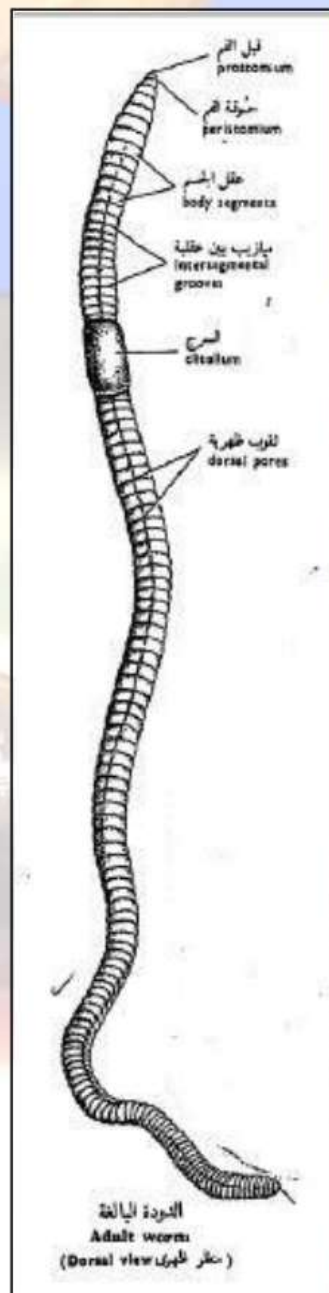
Kingdom: Animalia

Subkingdom: Metazoa

Phylum: Annelida

Class: Oligochaeta

e.g. : *Allolobophora caliginosa*



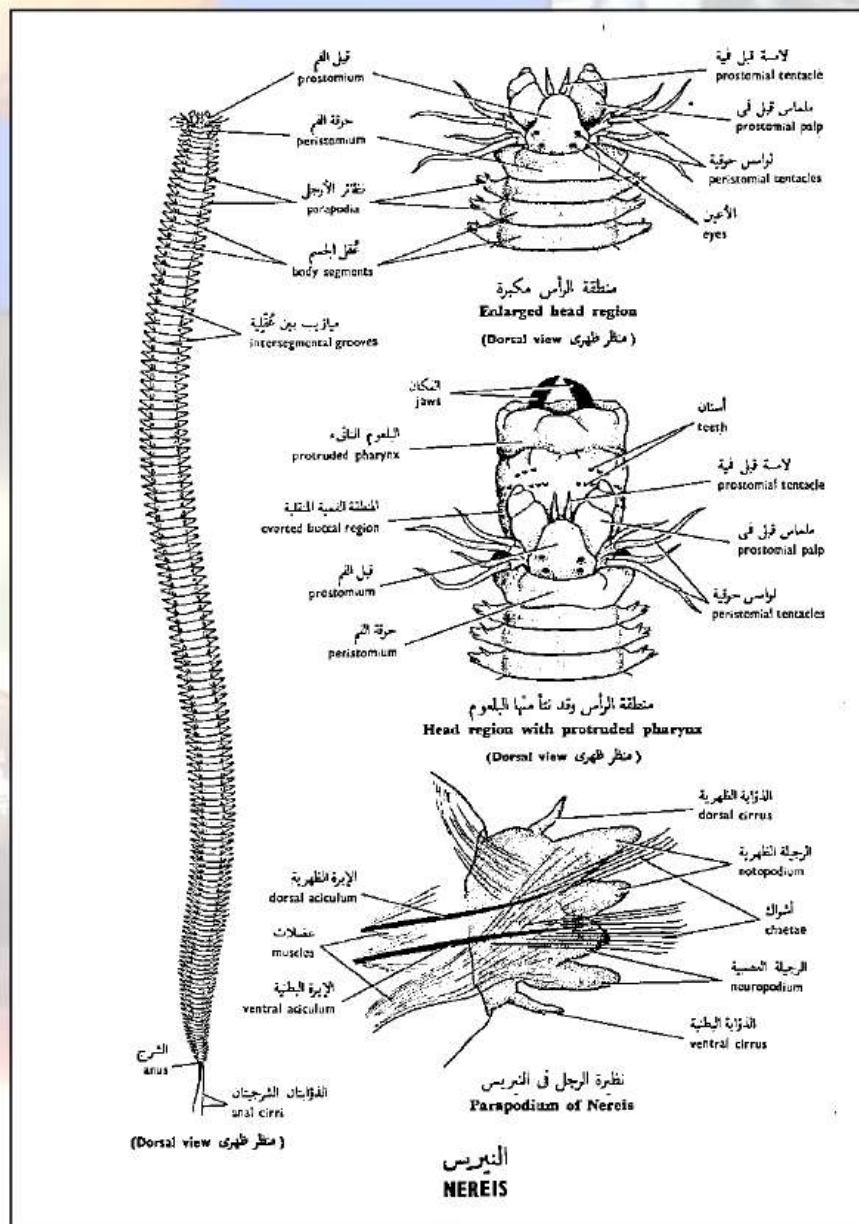
Kingdom: Animalia

Subkingdom: Metazoa

Phylum: Annelida

Class: Polychaeta

e.g. : *Nereis* sp.



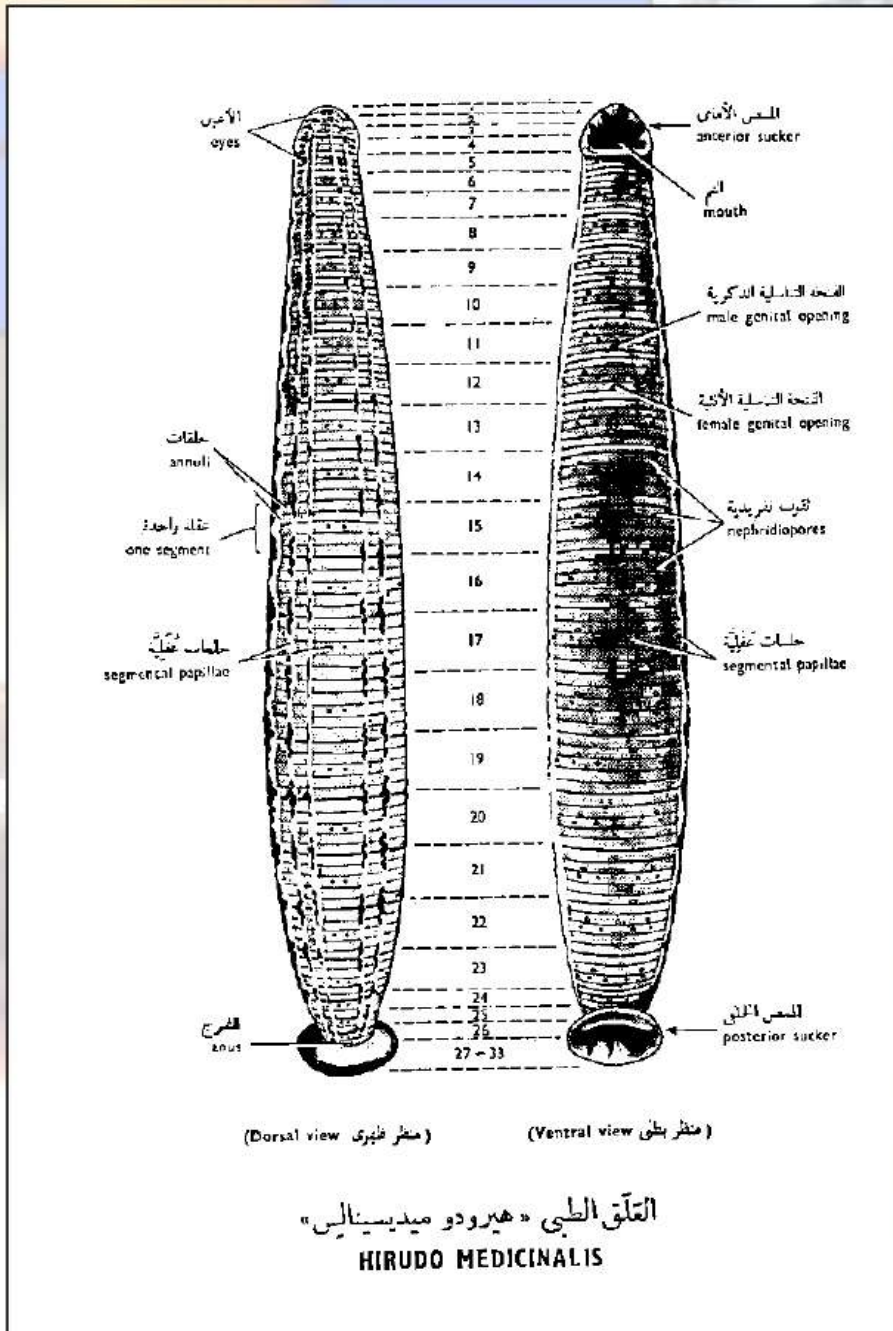
Kingdom: Animalia

Subkingdom: Metazoa

Phylum: Annelida

Class: Hirudinea

e.g. : *Hirudo medicinalis*



References

بيولوجية الحيوان العملية باللغتين العربية والإنجليزية (الجزء الثاني والثالث) : للدكتور أحمد حماد الحسيني والدكتور إميل شنودة دميان ، القاهرة (مصر): دار المعارف 1969.