**Lab:7**

**Kingdom: Animal**

1. Animals cannot make their own food, so they eat other organisms for food.
2. Most animals can move about.
3. Multicellular
4. Animals with backbones are called vertebrates but the animals without backbones are called invertebrates.
5. Animals reproduction can be a sexual or Asexual , ex: Hydra

It can reproductive with both ways.

1. Animal Kingdom is classified into nine phylum, Vertebrates animal belong to one phylum & invertebrates belong to eight phylum.

**The phylum of Animal Kingdom**:

1. **Porifera (Sponges)** →(ex. Sponge)

also named sponges:means animal that contains

holes,are sessile feeders(struck to the ground eating what comes near them).

Body symmetry: asymmetric

Ex: yellow Tube spongy.

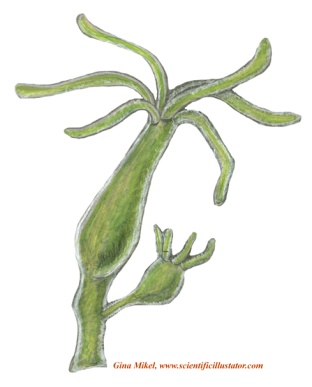
1. **Cnidaria**→(ex. Hydra)

Contains cnidocyte or Venomous cells that helps collect and

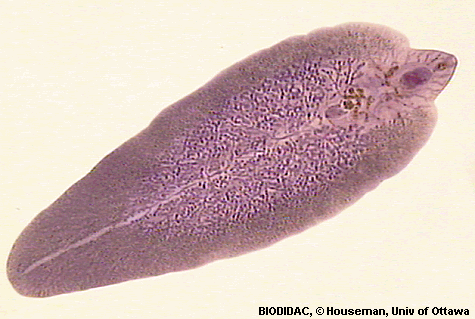
transmit sensory information .

body symmetry: radial

ex :Jelly fishes



1. **Platy helminthes** **(flat worms)** →(ex. Liver fluke)

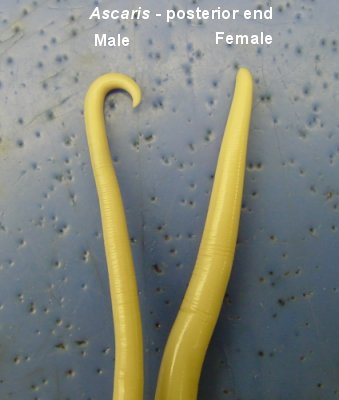
also named flat worms lack a coelom and other body cavities, can be found in

marine of fresh water.

Body symmetry: bilateral

Ex: tapeworms .

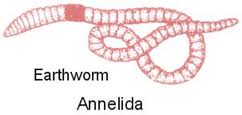
4- **Nematoda** **(round worms)** →(ex. Ascaris )

also named round worms, very long

and narrow.

Body symmetry: bilateral

Ex: Ascaris .   
5-**Annelida** →(ex. Earth worm)

have long bodies that have

segments divided externally

by shallow rings.

Body symmetry: bilateral

Ex: earthworms   
6- **Mollusca** →(ex. Octopus & Snail)

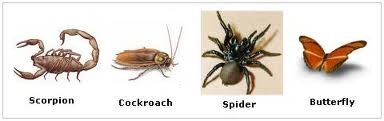
 

One of the largest phylum composed of many diverse organisms, all have a soft body, body structure composed of three parts.

Body symmetry: bilateral

Ex: snails , octopus

7-**Arthropoda** →(ex. Butterfly, Spider,Scorpion & Cockroach)



Have jointed appendages (body extensions that give them a wide range of controlled motion) , most successful because they are the most divers, living in a great range of habitats.

Body symmetry : bilateral.

8-**Echinodermata** →(ex. Sea cucumber , Sea urchin & Sea star)

means spiky skin, dwells at the bottom of

the ocean floor.

Body symmetry: radial

1. **Chordate** → Vertebrate (ex. Fish, Frog & Birds)

Has internal skeletal rod , acomplete digestive

System, a ventral heart, a closed blood system and a tail

Body symmetry: bilateral.

