

Lesson 1 Protista Animal-like Notes.notebook

Kingdom # 3 Protista <https://www.youtube.com/watch?v=8deF3Rw4ti4>

Protists are eukaryotes that are not members of the Plant, Animal, or Fungi kingdoms.

Most are unicellular/ a few are multicellular

Animal like Protists

- known as protozoans
- most are holozoic - engulf their food
- a few are saprozoic - absorb their food
- * not in the animal kingdom because they are single celled
test Question

There are 4 groups of Animal like Protists

1. Zooflagellates - use flagella to move from place to place

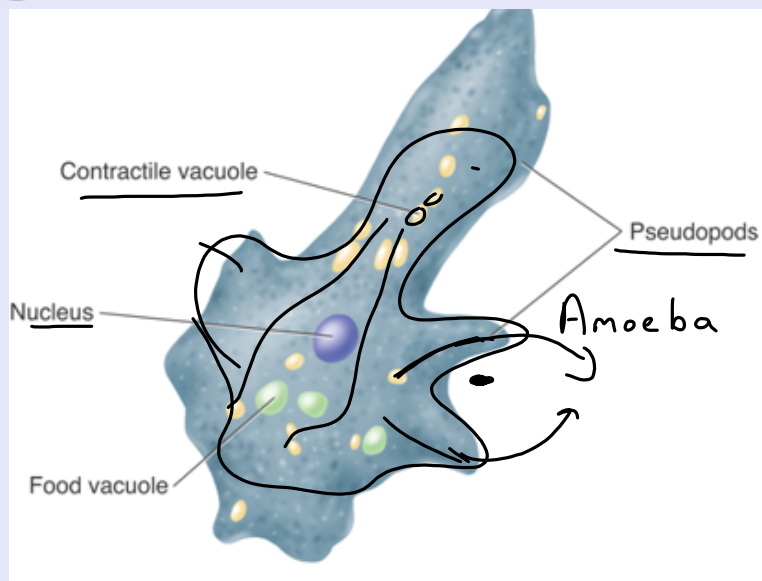
<http://www.youtube.com/watch?v=9duvzqvVflw>

- absorb their food
- most are aquatic
- a few are parasitic - need a host to live in

2. Sarcodines

- move by means of pseudopod - false foot

<https://www.flickr.com/photos/microagua/3720758394/in/photostream/>



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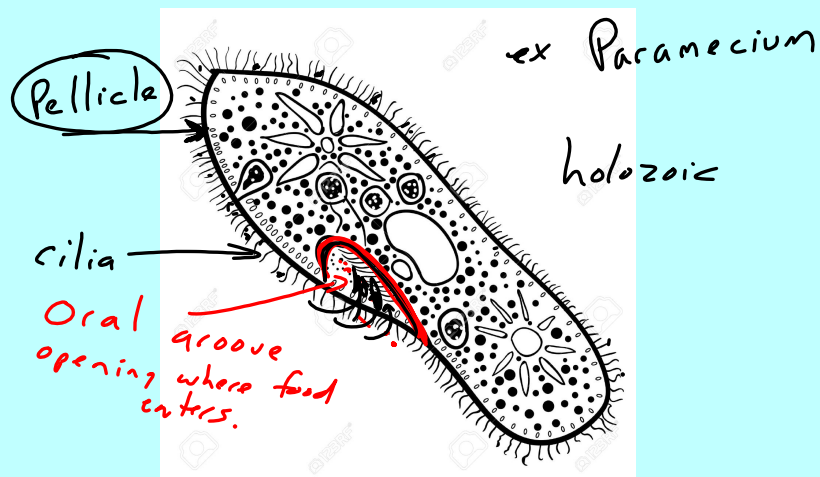
Amoeba Feeds!

<https://www.youtube.com/watch?v=sEPAS7pB7Y8#t=85>

- surrounds food with pseudopod and forms a vacuole to draw it in
- reproduce asexually by binary fission

3. Ciliates

- use cilia to swim and capture food



<http://www.youtube.com/watch?v=l9ymaSzcsdY>

- have a slipper shape due to its protective outer layer called a pellicle
- no nervous system but do respond to stimuli
- have special stingers called trichocysts which can sting or capture prey

4. Sporozoans

- parasitic - needs a host to live in
- most have very complicated life cycles usually involving 2 hosts

Malaria in the 21st century

- Plasmodium is the sporozoan causing malaria