

Pre AP Biology

Protista Kingdom

8.4

Heterotrophic Protist



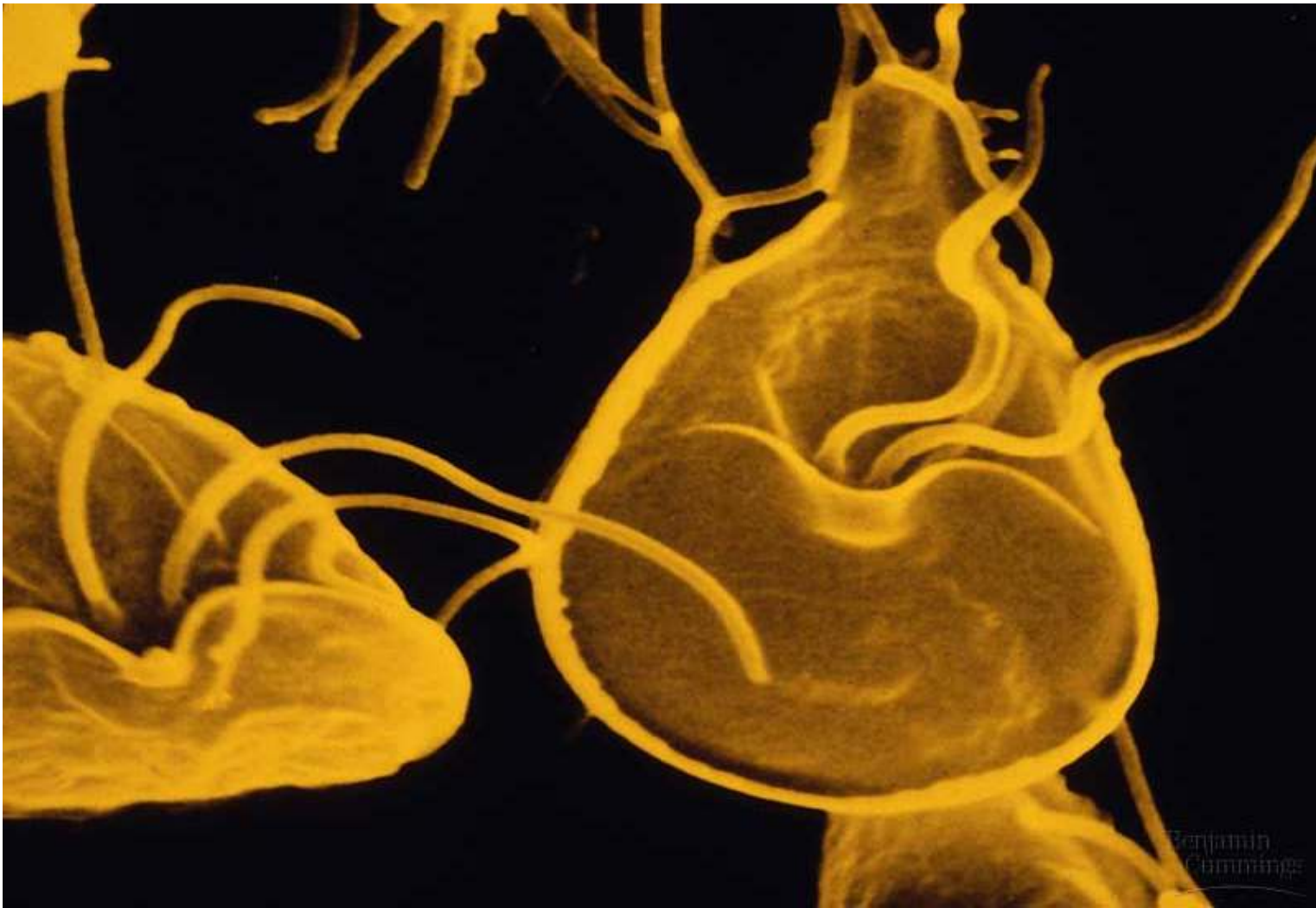
Photoautotrophic Protist

See the green chloroplasts.

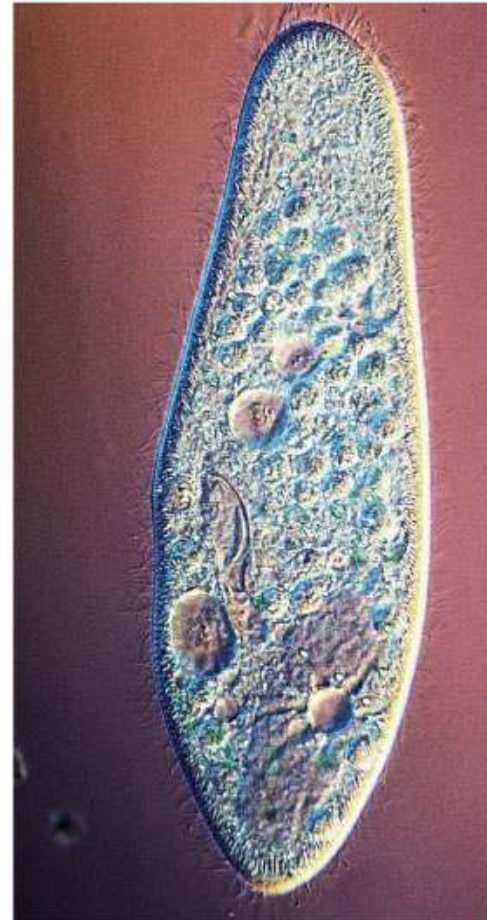
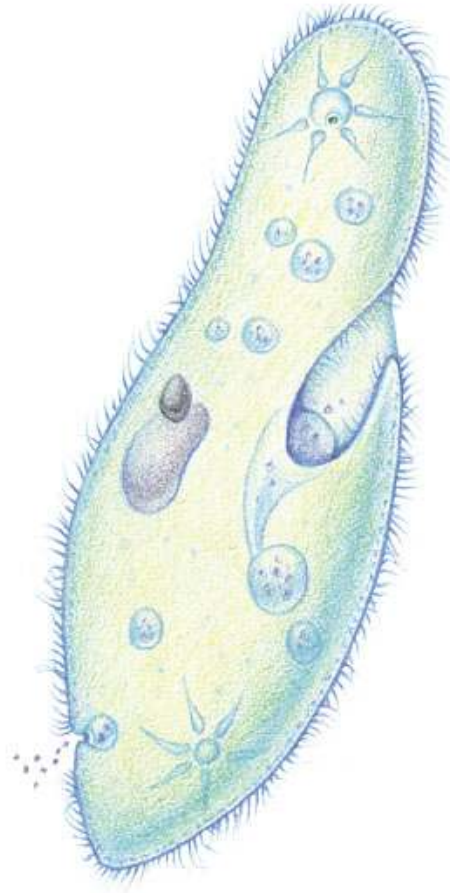


Movement with flagella

Notice how the flagella goes inside the cell.



Movement with cilia

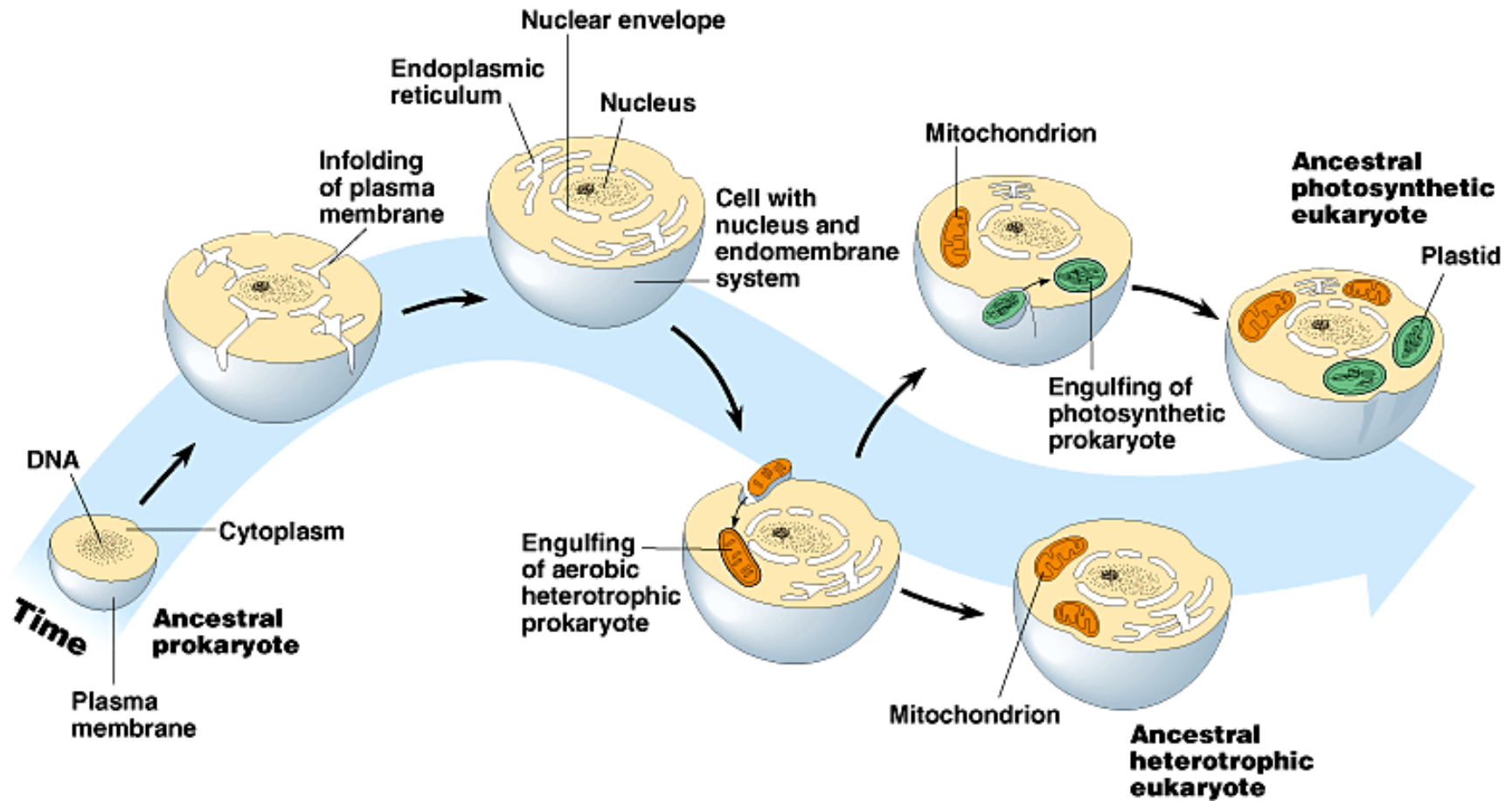


50 μm

Lynn Margulis



Endosymbiotic Hypothesis



Euglenozoa

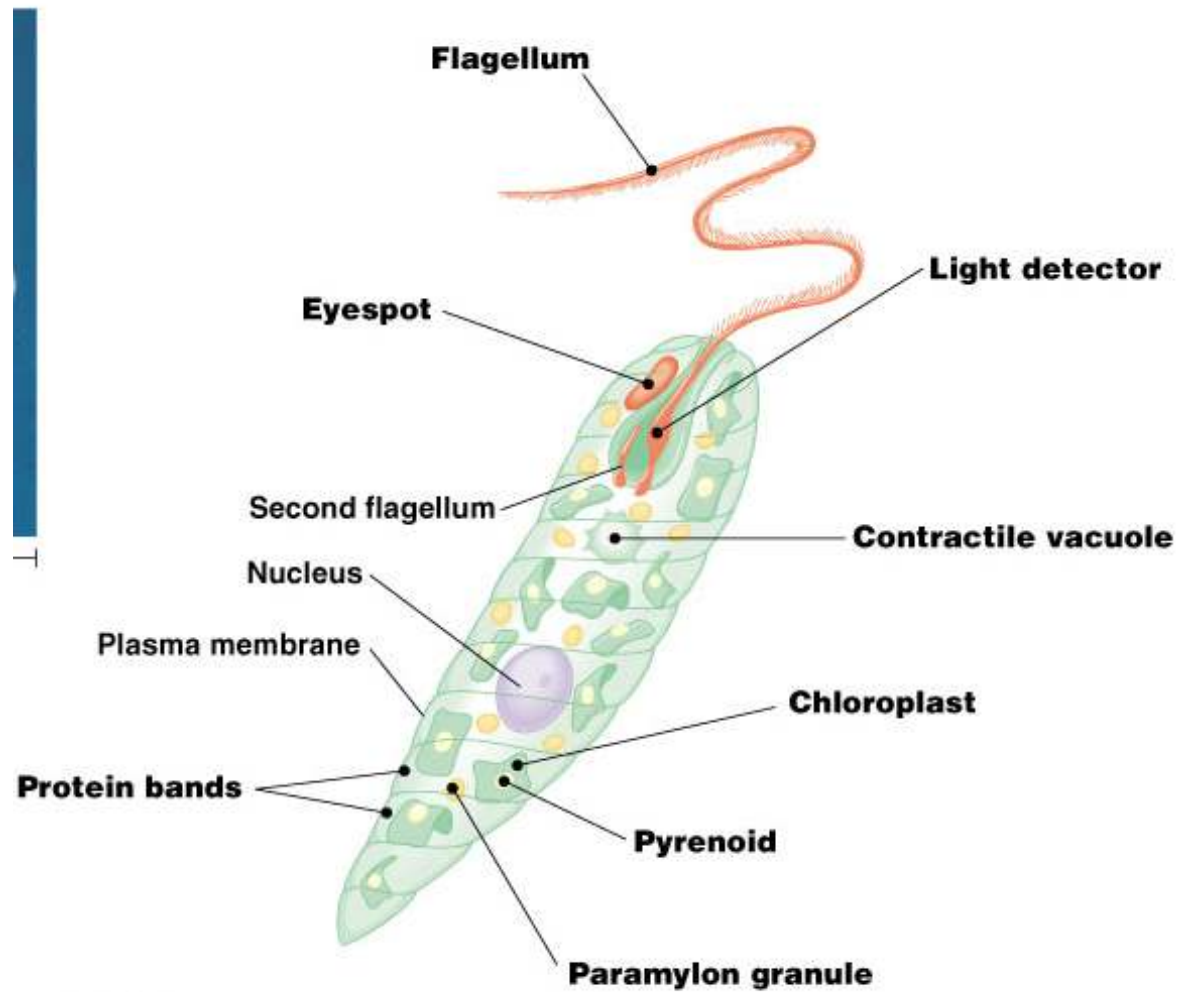


Fig as Benjamin Cummings.

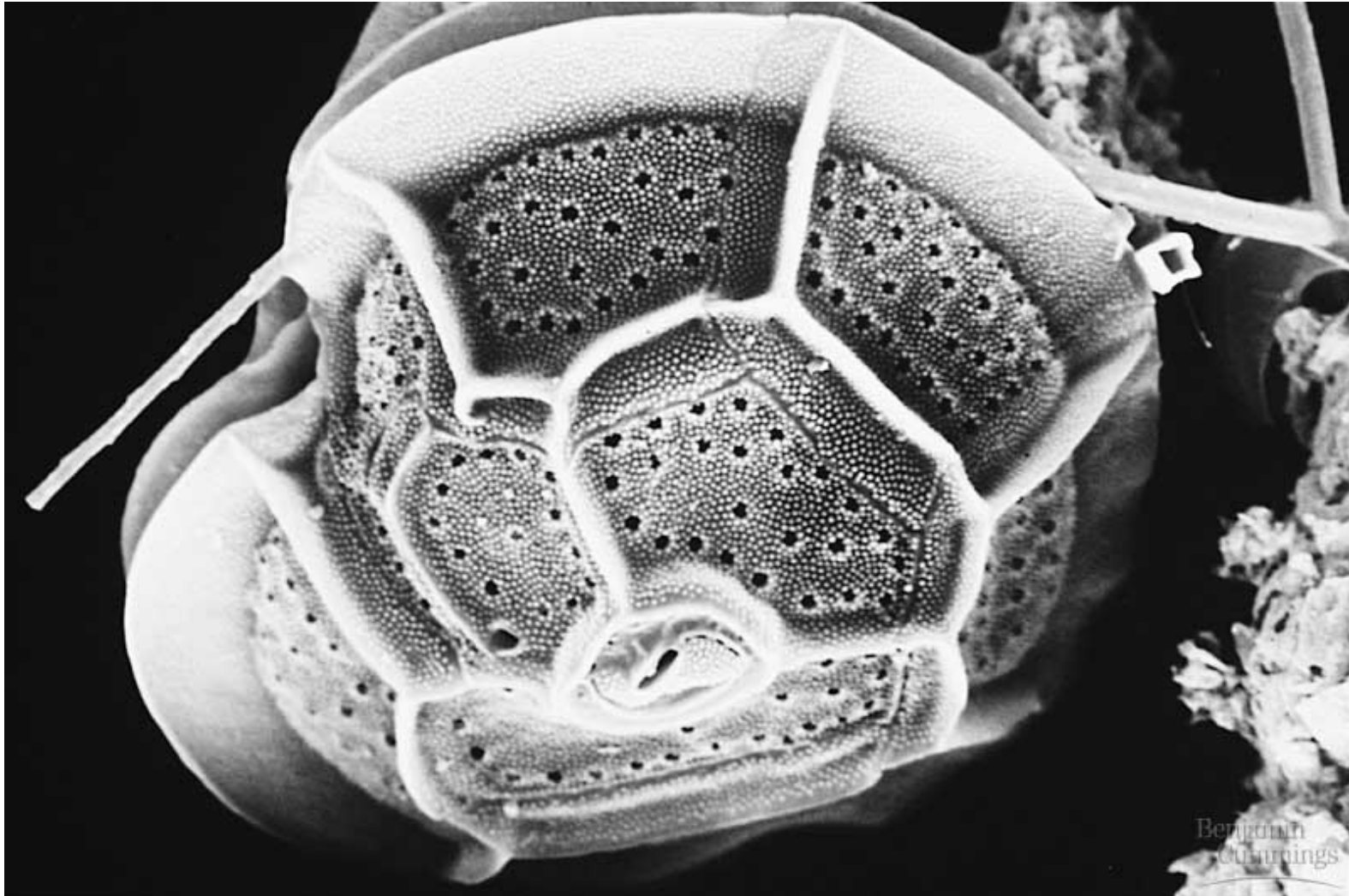
Euglenozoa under the microscope



0 μm

Alveolata

Can you see the air “holes”?



Ride tide in the Gulf of Mexico



Diatoms



Phaeophyta (Multicellular Brown Algae)

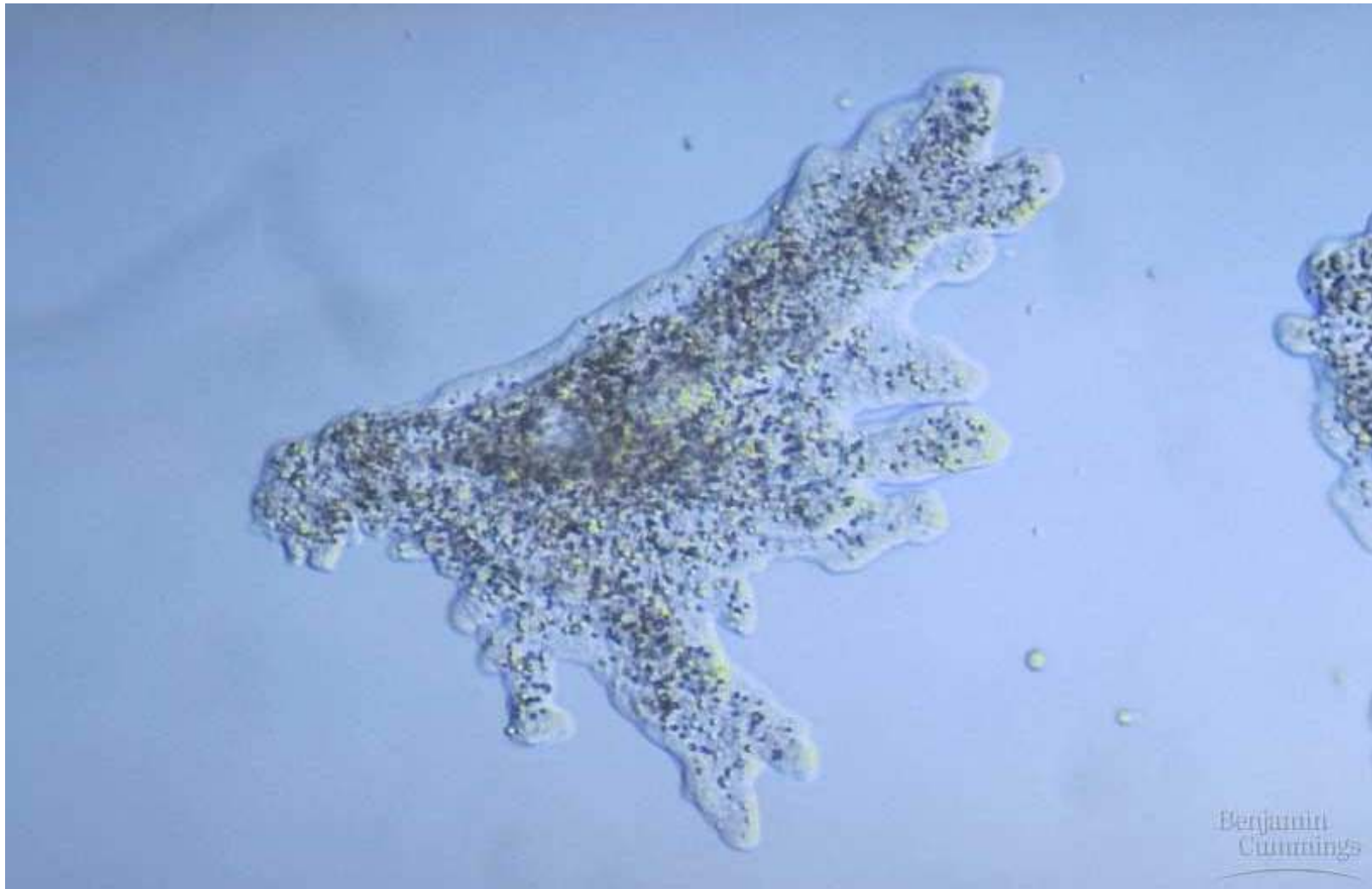


Kelp Forest in the Pacific Ocean

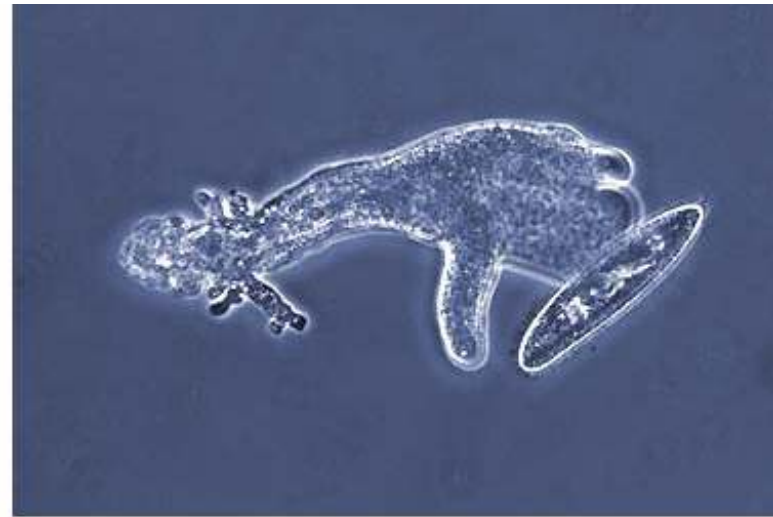


Protozoa

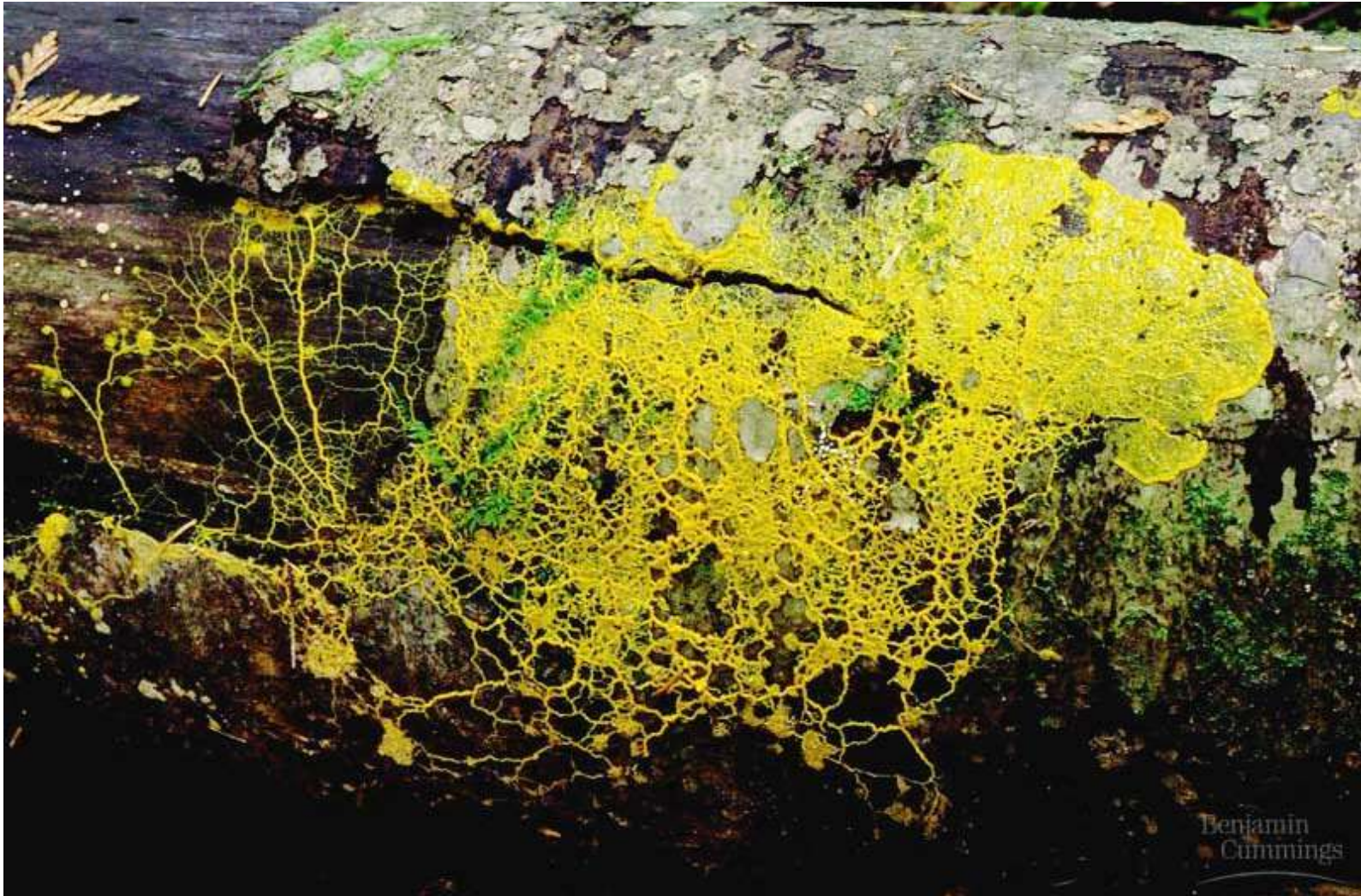
Amoeba



An Amoeba feeding using psuedopodial movement.



Mycetozoa (Growing on a rotting log.)



Chlorophyta (Multicellular Green algae)

