Paramecium

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Biology 106
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Name the kingdom
Protista
Name the phylum
Name the genus
Paramecium
Where is it found?
Fresh & marine water
Unicellular or multicellular?
Unicellular
Prokaryotic or eukaryotic?
Eukaryotic
What are the tiny hair-like projections called?
Cilia
What are they used for?
Feeding (food procurement) & locomotion
What is the mouth called?
Oral groove
Asexual or sexual reproduction?
Both
Asexual reproduction occurs by a process shown in this image and is called transverse fission.
Sexual reproduction involves an exchange of genetic info and is called conjugation.
What organelle regulates salt/water balance?
Contractile vacuole
What do paramecia usually feed on?
Bacteria & decaying matter
What are the characteristics that distinguish organisms in kingdom Protista?
1. Organisms are single-celled.
2. Their cells are eukaryotic, with double lipid bilayer membranes around the nucleus and the organelles.