

CHAPTER REVIEW

CONTENT REVIEW

Multiple Choice

Choose the letter of the answer that best completes each statement.

- All protists are
 - solitary.
 - colonial.
 - motile.
 - eukaryotic.
- Which organism causes malaria?
 - Paramecium*
 - Trypanosoma*
 - Plasmodium*
 - Euglena*
- Short hairlike projections that produce movement in certain protists are
 - cilia.
 - pseudopods.
 - flagella.
 - microtubules.
- Diatoms belong to the phylum
 - Ciliophora.
 - Chrysophyta.
 - Pyrrophyta.
 - Myxomycota.
- Which of the following organisms are not placed in the phylum Sarcodina?
 - amebas
 - radiolarians
 - heliozoans
 - flagellates
- A euglena moves by means of
 - pseudopods.
 - cilia.
 - spores.
 - flagella.
- Which organism is not associated with a disease in humans?
 - Trichonympha*
 - Entamoeba*
 - Trypanosoma*
 - Plasmodium*
- A paramecium excretes excess water through the
 - gullet.
 - trichocysts.
 - contractile vacuole.
 - micronucleus.

True or False

Determine whether each statement is true or false. If it is true, write "true." If it is false, change the underlined word or words to make the statement true.

- Red tides are caused by dinoflagellates.
- Cellular slime molds produce plasmodia.
- Animallike protists make up a considerable part of the phytoplankton.
- During conjugation, paramecia exchange macronuclei.
- Sporozoans use pseudopods to move.
- In some protists, the cell membrane and associated structures make up the flagellum.
- A paramecium uses flask-shaped structures called contractile vacuoles for defense.
- Some species in the phylum Pyrrophyta are luminescent.

Word Relationships

A. In each of the following sets of terms, three of the terms are related. One term does not belong. Determine the characteristic common to three of the terms and then identify the term that does not belong.

- dinoflagellate, diatom, ameba, euglena
- macronucleus, micronucleus, flagella, cilia
- red tide, malaria, African sleeping sickness, amebic dysentery
- sporozoan, foraminifer, radiolarian, heliozoan