

- 11. Colony flat, disc-shaped, usually containing sixteen cells. Gonium
 Colony spherical in shape 12
- 12. Colony contains 32 cells or less 13
 Colony contains more than 32 cells. Volvox
- 13. Colony contains 32 cells Eudorina
 Colony contains sixteen cells Pandorina
- 14. Cell elongated with narrowed posterior Chilomonas
 Cell oval-shaped Chlamydomonas
- 15. Cell elongated, green in color Euglena
 Cell elongated, colorless, with a broad, rounded or truncate posterior during locomotion;
 highly plastic when stationary, often appears to vibrate when in motion. Peranema
- 16. Body has specialized groups of cilia, or cilia in specific areas 17
 Body entirely covered with cilia 19
- 17. Cell not on stalk 18
 Cell on stalk; cells contract (stalk appears to contract like a spring) Vorticella
- 18. Cell oval-shaped with distinct point-like projections termed cirri (fused cilia);
 travels by "walking" using cirri Euplates
 Cell oval-shaped with two distinct ciliary bands, one anterior and one
 in the middle of the body; swims with spiral motion. Didinium
- 19. Body trumpet-shaped or elongated 20
 Body oval-shaped 22
- 20. Body elongated; never attached to substrate 21
 Body trumpet-shaped; usually attached to substrate Stentor
- 21. Large cell with elongated, flattened body with blunt ends;
 contracts to ¼ of its body length when stimulated Spirostomum
 Small cell with elongated body, "cigar-shaped," with rounded ends;
 swims rapidly in a corkscrew fashion Paramecium*
- 22. Small body, oval shaped, with small mouth; fast swimmer. Colpidium
 Extremely large body (visible with the naked eye), with large, wide mouth *Bursaria truncatella*
- 23. Pink or rose-colored (ciliate) Blepharisma
 Dark bluish-green (ciliate). Stentor

*many species, see diagram



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