Dichotomous Key To The Protozoan Survey Mixture

Examine protozoan at 450X

1. White or Colorless. 2
1. With color.   4

2. Rapid swimming, lacks pseudopodia.  3
2. Slow creeping, shape varies by changing feet (pseudopodia).  Amoeba

3. Organ of motion is long whiplike flagellum, no cilia.  6
3. No flagellum, cell covered with short hairlike structures (cilia).  Paramecium

4. Green.  5
4. Blue.  Stentor

5. Spherical colony.  Volvox
5. Elongate, single cell.  Euglena

6. Cell elongate with narrowed posterior.  Chilomonas
6. Elongate with a broad rounded or truncate posterior end during locomotion, highly plastic when stationary, often appears to vibrate when in motion.  Peranema