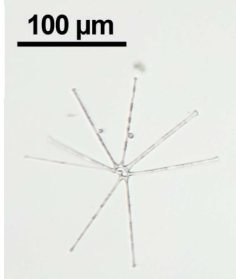




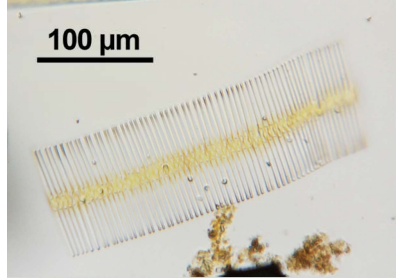
Diatoms

Eukaryotes. Unicellular, colonial. Silica cell wall. Photosynthetic primary producers.

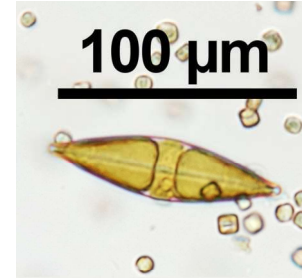
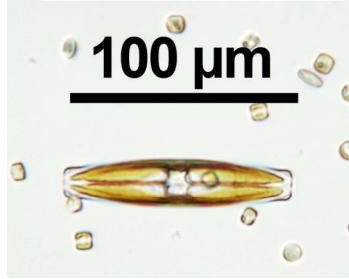
1. Asterionella



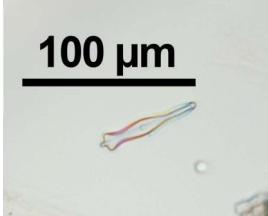
2. Fragilaria



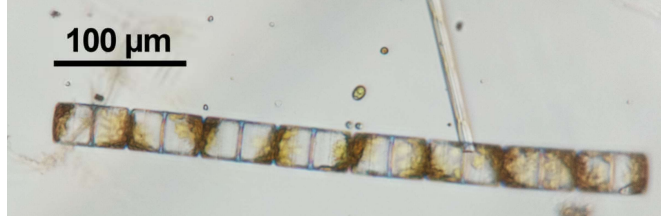
3 - 4. Pennate surrounded by centric diatoms



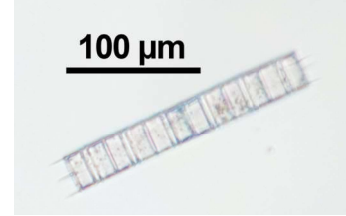
4. Gomphonema



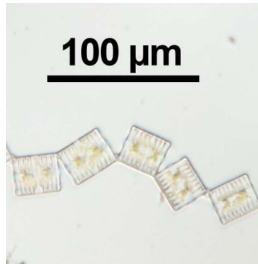
5. Melosira



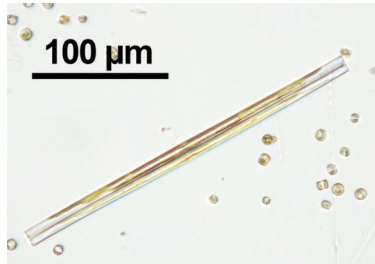
6. Aulacoseira



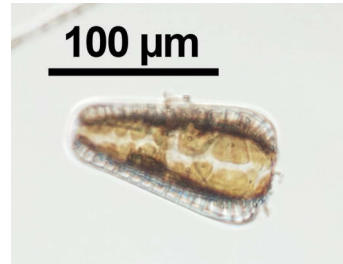
7. Tabellaria



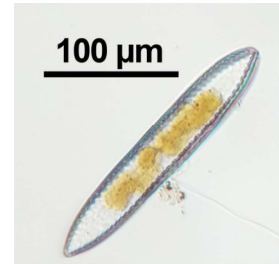
8. Diatom



9. Surirella



10. Surirella



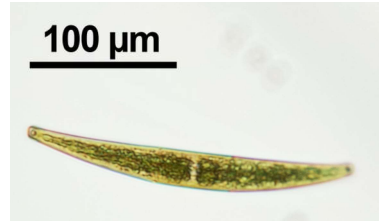
Green algae

Eukaryotes. Unicellular, colonial, filamentous, multicellular. Cellulose cell wall. Photosynthetic primary producers.

11. Closterium



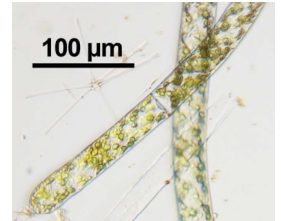
12. Closterium



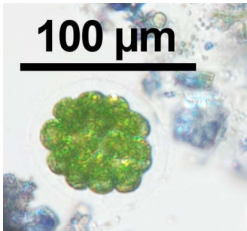
13. Closterium



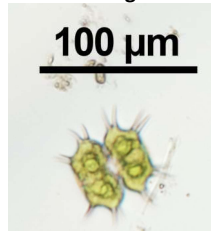
14. Spirogyra



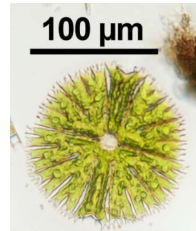
15. Eudorina



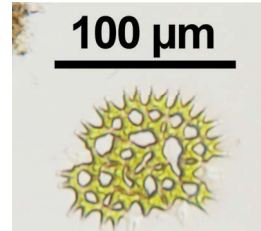
16. Green algae



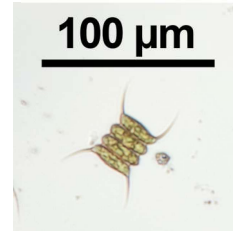
17. Micrasterias



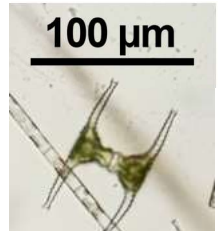
18. Pediatrum



19. Scenedesmus



20. Staurastrum



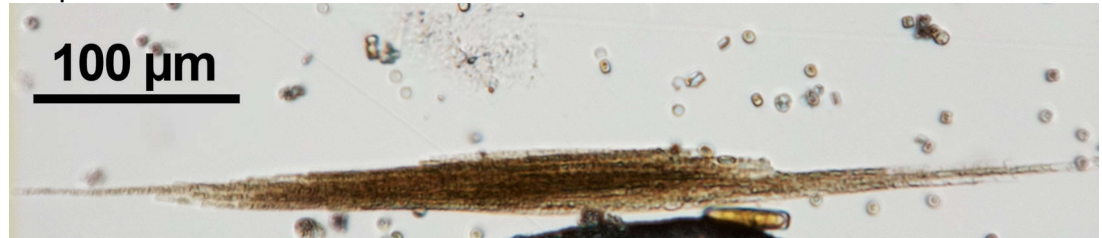
Cyanobacteria

Bacteria. Unicellular, colonial, filamentous. Photosynthetic primary producers.

21. Coelosphaerium



22. Aphanizomenon



Common lake microorganisms All images are available at nordicmicroalgae.org citizen science gallery [1]. Images were captured by students and teachers during events of the project "BioBlitz Bolmen" [2] (financed by Water Wise Societies – Impact Innovation effort, Energimyndigheten, Vinnova och Formas [3]). Compiled by Per K.I. Wilhelmsson (CC BY-SA 4.0). Contact: info@pkiutv.se <https://pkiw.github.io/> 1. <https://nordicmicroalgae.org/gallery/Citizen%20science/> 2. https://waterwisesocieties.se/en/projekt/_bioblitz-bolmen-microscopic-citizen-science-for-sustainable-water/ 3. <https://waterwisesocieties.se/>

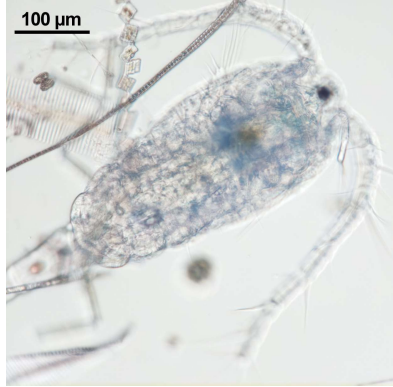
Zooplankton

Eukaryotes. Animalia. Unicellular, multicellular. Heterotrophic primary consumers.

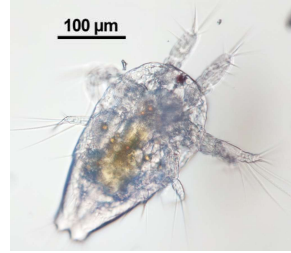
23. Cyclops copepod



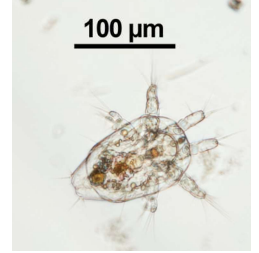
24. Cyclops copepod



25. Cyclops copepod larvae



26. Cyclops copepod larvae



27. Diplostraca



28. Diplostraca shell



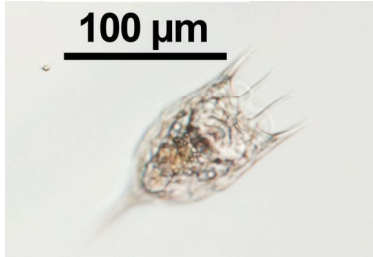
29. Cyclops copepod egg sack



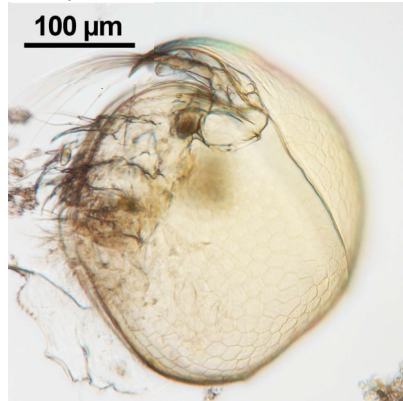
30. Rotifera



31. Keratella (Rotifera)



32. Diplostraca shell



33. Bosmina (Diplostraca)



34. Kellicottia (Rotifera)



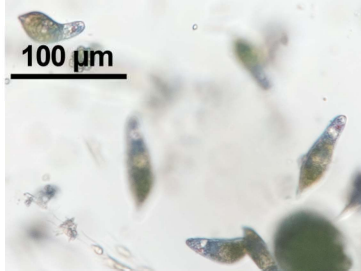
35. Keratella (Rotifera)



Other

Eukaryotes. Photosynthetic primary producers, heterotrophic primary consumers and some both.

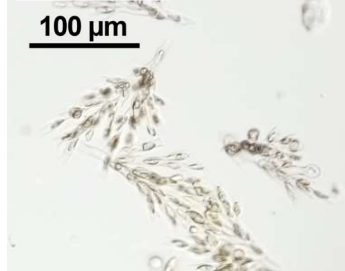
36. Euglena



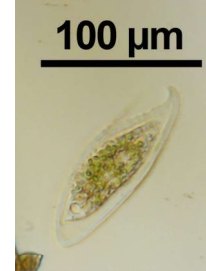
37. Tardigrade molt



38. Dinobryon



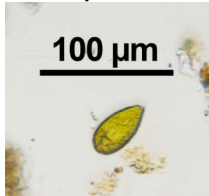
39. Loxodes



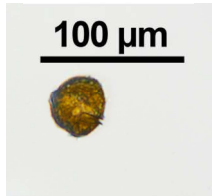
40. Vorticella



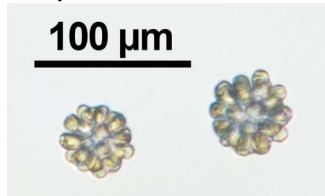
41. Gonyostomum



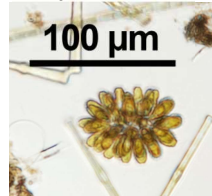
42. Peridinales



43. Synurid



44. Synurid



45. Ceratium

