

LIST OF SOME OF THE PROTOZOA FOUND IN THE WATERS ABOUT SOUTH BASS ISLAND, IN LAKE ERIE, DURING THE SUMMER OF 1898.

The waters examined were the same as those mentioned in the account of the Rotatoria. The list includes 68 species, distributed among the different groups as follows: Rhizopoda 13, Heliozoa 1, Mastigophora 21, Ciliata 32, Suctorina 1.

RHIZOPODA.

1. *Amoeba proteus* Leidy. Taken in a water-bottle collection from the upper 3 feet of the surface of Lake Erie, 1 mile west of South Bass Island; also on *Elodea* from East Harbor and in the swamps on South Bass Island.
2. *Amoeba villosa* Wallich. In the water-bottle collection from the upper 3 feet of the water of Lake Erie, 1 mile west of South Bass Island.
3. *Amoeba radiosa* Ehrenberg. In the water-bottle collection from the upper 3 feet of the water of Lake Erie, 1 mile west of South Bass Island; also on *Elodea* from East Harbor, Lake Erie.
4. *Pamphagus hyalinus* Ehr. In surface towings in Put-in Bay Harbor, Lake Erie.
5. *Cochliopodium bilimbosum* Auerbach. In water-bottle collection from upper 3 feet of water of Lake Erie, 1 mile west of South Bass Island; also on *Elodea* from East Harbor, Lake Erie.
6. *Diffugia lobostoma* Leidy. In towings in Put-in Bay Harbor, Lake Erie; also from East Swamp on South Bass Island.
7. *Diffugia corona* Wallich. In surface towings from Put-in Bay Harbor, Lake Erie; also from East Harbor, Lake Erie; from Portage River, Ohio, and land-locked pools on Starve Island.
8. *Diffugia globulosa* Duj. In water-bottle collection from the surface 3 feet of Lake Erie, 1 mile west of South Bass Island; from surface towings in Put-in Bay Harbor; from East Harbor, and from the swamps on South Bass Island.
9. *Diffugia constricta* Ehr. In *Utricularia* from Portage River, Ohio.
10. *Diffugia pyriformis* Perty. In the swamp near the fish-hatchery on South Bass Island; in *Utricularia* from Portage River, Ohio.
11. *Arcella vulgaris* Ehr. In surface towings in Put-in Bay Harbor, Lake Erie; in East Harbor on *Elodea*; in the swamps on South Bass Island; from Portage River, Ohio.
12. *Centropyxis aculeata* Stein. In swamps on South Bass Island.
13. *Euglypha alveolata* Duj. Swamps on South Bass Island.

HELIOZOA.

14. *Acanthocystis chaetophora* Schrank. In plankton haul from Lake Erie, just west of South Bass Island; on *Elodea* from East Harbor, Lake Erie.

MASTIGOPHORA.

15. *Oikomonas termo* J. Clark. Abundant on floating floccose material on the surface of Lake Erie, northeast of North Bass Island.
16. *Anthophysa vegetans* Müller. On *Elodea* from East Harbor, Lake Erie; from swamp on South Bass Island.
17. *Dinobryon sertularia* Ehr. On vegetation from East Harbor, Lake Erie.
18. *Euglena viridis* Ehr. In water-bottle collection from upper 3 feet of Lake Erie, taken 1 mile west of South Bass Island. Abundant in swampy parts of East Harbor, Lake Erie, and in the swamps on South Bass Island.
19. *Euglena spirogyra* Ehr. East Swamp, South Bass Island; Portage River, Ohio.
20. *Euglena oxyuris* Schm. East Swamp, South Bass Island.
21. *Amblyopsis viridis* Ehr. East Swamp, South Bass Island.
22. *Colacium steinii* Kent. On *Diaptomus* sp. in surface towings from Lake Erie.
23. *Colacium vesiculosum* Ehr. On *Cyclops* in towings taken 2½ miles north of Kelley Island, in Lake Erie; on *Polyarthra platyptera* and various crustaceans in swamps on South Bass Island.
24. *Trachelomonas hispida* Perty. In East Swamp, on South Bass Island; from Portage River, Ohio.
25. *Trachelomonas volvocina* Ehr. Amid filamentous algae from East Harbor, Lake Erie; from Portage River, Ohio; from swamps on South Bass Island.