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Brush Lake Protozoa

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BRUSH LAKE PROTOZOA.

LUMINA C. RIDDLE.

During the Fall of 1902 the writer studied and listed the Algae found at Brush Lake, Champaign Co., Ohio, and the list was published in Ohio Nat. 5:268; at the same time a careful record was kept of the Protozoa found in the same material and was reported at the 1903 meeting of the Ohio Academy of Science by Professor F. L. Landacre as the writer was at that time located in the West. Delay in publication has been due to the writer's anxiety for accuracy in nomenclature and citations. As far as has been possible the names have been arranged after Butschli's system, taking the classification from Calkins' "Protozoa" and Blochman's "Die Mikroskopische Thierwelt des Suesswassers."

My grateful acknowledgments are due to Professor Landacre, and to Professor L. B. Walton of Kenyon College, for the use of literature in revising the list.

RHIZOPODA

Fam. *Amoebidae*.

Amoeba proteus L.
Amoeba villosa Wall.

Dactylosphaerium radiosum Ehrbg.

Fam. *Arcellidae*.

Arcella dentata Ehrbg.
Arcella vulgaris Ehrbg.
Diffugia corona Wall.

Diffugia urceolata Cart.
Centropyxis aculeata Ehrbg.

HELIOZOA.

Fam. *Aphrothoracidae*.

Actinophrys sol Ehrbg.

MASTIGOPHORA.

Fam. *Heteromonadidae*.

Anthophysa vegetans (O.F.M.) S.K. *Spumella vivipara* Ehrbg.

Fam. *Euglenidae*.

Euglena oxyuris Schmarda.
Euglena spirogyra Ehrbg.
Euglena viridis Ehrbg.

Phacus pyrum (Ehrbg) S. K.
Phacus triquetus Ehrbg.

Fam. *Astasidae*.

Astasia trichophora (Ehrbg) Clap.

Fam. *Peranemidae*.

Entosiphon ovatus Stokes.

Fam. *Peridiniidae*.

Peridinium tabulatum Ehrbg.

INFUSORIA.

Fam. *Enchelinidae*.

Pseudoprorodon niveus Ehrbg.
Coleps hirtus O. F. M.
Coleps uncinatus C. & L.

Arachnidium globosum S. K.
Didinium nasutum O. F. M.

Fam. *Trachelinidae*.

- Trachelocerca olor O. F. M. Lionotus helus Stokes.
 Trachelocerca versatilis O. F. M. Loxodes magnus Stokes.
 Lionotus fasciola (Ehrbg.) Wrzes. Loxodes rostrum O. F. M.

Fam. *Chlamyodontidae*.

- Nassula ornata Ehrbg.

Fam. *Chuliferidae*.

- Holosticha caudata Stokes. Glaucoma scintillans Ehrbg.
 Léucophrys patula Ehrbg. Colpidium putrinum Stokes.

Fam. *Urocentridae*.

- Urocentrum turbo O. F. M.

Fam. *Paramoecidae*.

- Paramoecium aurelia O. F. M.

Fam. *Pleuronemidae*.

- Pleuronema glaucoma O. F. M.

Fam. *Isotrichidae*.

- Plagiopyla nasuta Stein.

Fam. *Plagiotomidae*.

- Metopus sigmoides C. & L. Spirostomum ambiguum Ehrbg.

Fam. *Bursaridae*.

- Bursaria truncatella O. F. M.

Fam. *Stentoridae*.

- Stentor coeruleus Ehrbg. Caenomorpha oxyura Stein
 Stentor polymorphus Ehrbg. (Gyrocorys).

Fam. *Oxytrichidae*.

- Stichotricha aculeata Wrzes. Gonostomum affine Stein
 Uroleptus dispar Stokes. (Plagiotricha).
 Uroleptus longicaudatus Stokes. Stylonychia mytilus O. F. M.
 Uroleptus rattulus Stein. Stylonychia pustulata O. F. M.
 Uroleptus sphagni Stokes. Histrio inquietus Stokes.

Fam. *Euplotidae*.

- Euplotes carinata Stokes. Euplotes variabilis Stokes.
 Euplotes plumipes Stokes. Aspidisca costata Duj.

Fam. *Vorticellidae*.

- Scyphidia inclinans (D'Udek) S. K. Vorticella similis Stokes.
 on Nais. Opercularia elongata Kellicott.
 Vorticella aquaedulcis Stokes. Cothurnia crystallina Ehrbg.
 Vorticella hamata Ehrbg. Vaginicola gigantea D'Udek.
 Vorticella nebulifera Ehrbg. Lagenophrys vaginicola Stein.
 Vorticella procumbens From.