

thus an indispensable factor in the economy of the organic life of fresh-water fishes."

These notes were made from work done only during winter months; from material collected before cold weather, preserved as before described. If work were done in summer when material is abundant everywhere, doubtless all the species, described by Dr. Leidy in his work on Rhizopods, could be identified; and probably many new species added to it. This work opens up a fertile field for investigation to any one interested in microscopy.

The appended list is from species found at Ottawa: the classification that adopted by Dr Leidy.

RHIZOPODA.

HELIOZOA

Actinophrys

Sol, Ehr.

Actinosphaerium

Eichornii, (Ehr.) Stein.

Clathrulina

elegans, Cienk.

Raphidiophrys

elegans, Hert & Less.

FILOSA.

PROTOPLASTA

Assulina

seminulua, (Ehr.) Leidy.

Cyphoderia

ampulla, (Ehr.) Leidy.

Euglypha

alveolata, Duj.

brachiata, Leidy.

ciliata, (Ehr.) Leidy.

cristata, Leidy.

mucronata, Leidy.

Placocysta

spinosa, (Carter) Leidy.

Sphenoderia

lenta, Schlumb.

Trinema

enchelys, (Ehr.) Leidy.