

#### XIV. A PRELIMINARY LIST OF PROTOZOA FOUND IN CLEVELAND COUNTY, OKLAHOMA\*

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The data on which this paper is based are presented more fully in a thesis, "A Preliminary Report on the Fresh Water Protozoa of Cleveland County, Oklahoma", submitted by the writer in August, 1925, in partial fulfillment of the requirements for a Master's Degree at the University of Oklahoma. The thesis<sup>1</sup> consisted of a list of ninety-seven species of Protozoa, together with descriptions and illustrations of each.

Nearly all those listed were found within the radius of three or four miles from Norman. Collections of material were also made in two other localities in the county, the flat land north and west of Norman and the Jack-oak country east. The cultures from which specimens were obtained were either infusions of grass and leaves, or were made from water, bottom material and debris from roadside pools, ponds, temporary or permanent streams, and the South Canadian River. Collections were made at all times of the year with the exception of the late summer and early fall. This list should include, therefore, the more common species of Protozoa occurring in the waters of Cleveland County.

Of the ninety-seven forms listed, there were a number of unidentified species, one belonging, probably, to the new (?) genus, described and illustrated by Conn,<sup>2</sup> and one rare species, *Tillina magna*. Whether the unidentified species were new or whether they had been listed before, could not be determined.

#### ALPHABETICAL LIST OF SPECIES

- Acineta sp.?
- Actinophrys sol Ehrenberg
- Amoeba guttula Dujardin
- Amoeba proteus Leidy
- Amoeba radiosa Ehrenberg
- Amoeba spatula Renard
- Amoeba villosa Wallich

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<sup>1</sup>On file in the Library, University of Oklahoma.

<sup>2</sup>Conn. H. W., 1905. A Preliminary report on the Protozoa of the Fresh Waters of Connecticut. State Geol. & Nat. Hist. Serv. Comm. Bull. 2, (p. 52).

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- Anisonema acinus** Dujardin  
**Anthophysa vegetans** Muller  
**Arcella vulgaris** Ehrenberg  
**Aspidisca costata** Dujardin  
**Astasia trichophora** Ehrenberg  
**Carchesium epistylidis** Claparede and Lachmann (two varieties)
- Chilodon caudatus Stokes  
 Chilodon cucullulus Muller  
 Chilodon fluviatilis Stokes  
 Chilodon sp.? 3  
 Chilomonas paramecium Ehrenberg  
 Cinetochilum sp.?
- Cochliopodium bilimbosum Leidy  
 Coleps hirtus Ehrenberg  
 Colpidium colpoda Stein  
 Colpidium sp.? 2  
 Colpoda helia Stokes  
 Colpoda inflata Stokes  
 Colpoda saprophila Stokes  
 Colpoda sp.?
- Cothurnia curva Stein  
 Didinium nasutum Muller  
 Dileptus gigas Claparede and Lachmann  
 Entosiphon sulcatus Dujardin  
 Euglena acus Ehrenberg  
 Euglena viridis Ehrenberg  
 Euplotes charon Muller  
 Eutreptia sp.?
- Frontonia leucas Ehrenberg  
 Glaucoma scintillans (?) Ehrenberg  
 Halteria grandinella Muller  
 Holophrya sp.? 3  
 Hyalodiscus limax Dujardin  
 Lacrymaria sp.?
- Lionotus fasciola Ehrenberg  
 Loinotus varsaviences Wrezniewski  
 Lionotus sp.?
- Loxophyllum sp.? 3  
**Monas fluida** Dujardin  
**Nuclearia simplex** Cinek

*Onychodromus grandis* Stein  
*Ophryoglena atra* Ehrenberg  
*Ophryoglena oblonga* Stein  
*Oxytricha pellionella* Muller  
*Paramecium caudatum* Ehrenberg  
*Paramecium caudatum* (?) Ehrenberg  
*Paramecium bursaria* Ehrenberg  
*Phacus longicaudas* Ehrenberg  
*Phacus pleuronectus* Muller  
*Phacus pyrum* Ehrenberg  
*Pleuromema* sp.?  
*Raphidiophrys elegans* Hertwig and Lesser  
*Reptomonas caudata* Saville Kent  
*Sphaerophrya magna* Maupas  
*Spirostomum ambiguum* Ehrenberg  
*Spirostomum teres* Claparede and Lachmann  
*Stentor polymorphus* Ehrenberg (two varieties)  
*Stentor roselli* (?) Ehrenberg  
*Stichotricha secunda* Perty  
*Strombidium claparedii* Saville Kent  
*Strombidium globosum* From  
*Strombidium* sp.?  
*Stylonichia pustulata* Ehrenberg  
*Telotrochidium crateriforme* Muller  
*Tillina magna* Gruber  
*Urocentrum turbo* Muller  
*Vorticella alba* From  
*Vorticella elongata* (?) From  
*Vorticella microstoma* Ehrenberg  
*Vorticella monilata* Tatem  
*Vorticella telescopica* (?) Saville Kent  
*Vorticella* sp.? 5  
Sp. et gen. ? 2