

NEW RECORDS OF INVERTEBRATES FOR OKLAHOMA*

Albert H. Trowbridge and Minnie D. Stambaugh
Norman, Oklahoma

There has been little published on the invertebrates of Oklahoma, particularly as regards Protozoa and rotifers. Gable (1927) published a list of 94 species of Protozoa collected in Cleveland County, and Taft (1932) published a list of 69 species of rotifers collected from several parts of the state, giving keys for their separation. There appear to be no other papers on these groups.

During the past two years the authors have assembled a list of hitherto unreported Protozoa and rotifers, all collected from ponds, streams, ditches, and standing pools within a few miles of Norman. In addition, a bryozoan is initially reported from the Oklahoma fauna.

The junior author is responsible for the identification of the rotifers and the senior author for the bryozoan. The authors are mutually responsible for the identification of the Protozoa. Thanks are due Mr. Arthur N. Bragg, who has given invaluable aid in determining many of the Protozoa, and to Dr. A. O. Weese for help in many ways.

The Protozoa are listed alphabetically under the classes as lack of space prohibits a purely phylogenetic arrangement. Several of the forms are taken to the genus only, as the specific determinations appear doubtful.

PROTOZOA

SARCODINA

- Actinosphaerium* sp.
- Amoeba dubia* Schaeffer.
- Amoeba limax* Dujardin 1841.
- Amoeba verrucosa* Ehrenberg 1838
- Diffulgia lobostoma* Leidy 1874.
- Diffulgia pyriformis* Perty.
- Lithocolla* sp.
- Pelomyxa carolinensis* Wilson 1900.

MASTIGOPHORA

- Ceratium hirundinella* Muller 1786.
- Chlamydomonas pulvisculus* Ehrenberg 1883.
- Euglena spirogyra* Ehrenberg 1830.
- Gonium pectorale* Muller 1773.
- Mallomonas* sp.
- Pleodorina illinoisensis* Kofoid 1898.
- Volvox* sp.

CILIATA

- Bursaria truncatella* Muller 1786.
- Carchestum polypinum* Kent 1882.
- Coleps bicuspis* Noland 1925.
- Coleps octaspinus* Noland 1925.
- Colpidium striatum* Stokes 1886.
- Colpoda cucullus* Muller.
- Cyclidium glaucoma* Ehrenberg 1838.
- Euplotes patella* Muller.
- Lacrymaria olor* Muller 1786.
- Lionotus pleurostigma*

* Contribution from the Zoological Laboratory, University of Oklahoma, Second series No. 135.

Paramecium aurelia Ehrenberg 1838.

Stylonchta notophora Stokes 1885.

Vorticella picta (Ehrenberg 1831) Ehrenberg 1838.

Vorticella striata octava (Stokes 1885) Noland and Finley 1931.

ROTIFERS

Brachionus caputiflorus Pallas.

Philodona citrina Ehrenberg.

Rotaria neptunia Ehrenberg

Rotaria rotaria (Pallas).

BRYOZOA

Pectinatella magnifica Leidy 1851. This large form was common in the clear sloughs "backing-up" from the Black Fork River, about two miles east of Zoe, LeFlore County, during the summer of 1934. The range of this species is listed from Maine to Mississippi in Ward and Whipple (1918), so our record appears to extend the known geographic range several hundred miles westward.

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