

1 January 2011 *Neoasterophora megasilvestrensis* n. gen., n. sp. (Apicomplexa: Eugregarinida: Actinocephalidae: Pileocephalinae) Parasitizing *Cheumatopsyche analis* (Trichoptera: Hydropsychidae) in the Texas Big Thicket

Tamara J. Cook, Richard E. Clopton, Jerry L. Cook

[Author Affiliations +](#)

[Comparative Parasitology](#), 78(1):56-63 (2011). <https://doi.org/10.1654/4458.1>

- ARTICLE
- FIGURES & TABLES
- REFERENCES
- CITED BY

## Abstract

*Neoasterophora megasilvestrensis* n. gen., n. sp. (Apicomplexa: Eugregarinida: Actinocephalidae: Pileocephalinae) is described from the larvae of the little sister sedge caddisfly, *Cheumatopsyche analis* (Trichoptera: Hydropsychidae) collected from Harmon Creek, Sam Houston State University Center for Biological Field Studies, Walker County, Texas, U.S.A. *Neoasterophora* is distinguished from known genera of Pileocephalinae by distinct fusiform oocysts lacking polar plugs, an epimerite in the form of an apical ovoidal tumidus, and a diamerite with a milled toroidal disk. This is the first description or report of a septate gregarine infecting larval Trichoptera from the New World.

Citation [Download Citation](#)

Tamara J. Cook, Richard E. Clopton and Jerry L. Cook "*Neoasterophora megasilvestrensis* n. gen., n. sp. (Apicomplexa: Eugregarinida: Actinocephalidae: Pileocephalinae) Parasitizing *Cheumatopsyche analis* (Trichoptera: Hydropsychidae) in the Texas Big Thicket," *Comparative Parasitology* 78(1), (1 January 2011). <https://doi.org/10.1654/4458.1>

## PERSONAL SIGN IN

Full access may be available with your subscription

Email

Password [Forgot your password?](#)

[Show](#)

☐ Remember Email on this computer

☐ Remember Password

[SIGN IN](#)

No BioOne Complete account? [Create an account](#)  
or [Access Institutional Sign In via Shibboleth](#) or [OpenAthens](#)

## PURCHASE THIS CONTENT

### PURCHASE SINGLE ARTICLE

Price: \$10.00

Includes PDF & HTML, when available

## RIGHTS & PERMISSIONS

[Get copyright permission](#)

