Nannaria lithographa Stonewriter Twisted-Claw Millipede



FAMILY: Xystodesmidae SUBFAMILY: TRIBE:

TAXONOMIC_COMMENTS: Described in 2022: Hennen DA, Means JC, Marek PE (2022) A revision of the wilsoni species group in the millipede genus Nannaria Chamberlin, 1918 (Diplopoda, Polydesmida, Xystodesmidae). ZooKeys 1096: 17–118. https://doi.org/10.3897/zookeys.1096.73485

FIELD GUIDE DESCRIPTIONS: ONLINE PHOTOS:

ID COMMENTS: Members of the genus Nannaria are generally smaller with more subdued coloration than other Xystodesmids. Adults of Nannaria lithographa sp. nov. can be separated from the geographically

close and morphologically similar species N. austricola and N. scutellaria by the following characters. Acropodite anterior bend slightly twisted rather than acutely twisted or crimped as in N. austricola and N. scutellaria. Acropodite tip with medial flange laminate and lateral flange produced and hooked, together forming a tapering hood-like structure instead of the parallel-sided acropodite tips of N. austricola and N. scutellaria. Prefemoral process spear-shaped and attached about halfway up the lateral side of the acropodite, rather than sinuously tapered and attached near base of acropodite as in N. austricola and N. scutellaria. Tergites with two paranotal red spots, collum outlined in red, and tergites with background black.

DISTRIBUTION: Known from Buncombe and Rutherford counties in southwest North Carolina, and adjacent Greenville County SC.

HABITAT: Rhododendron coves in mesic deciduous and ericaceous forests.

OBSERVATION METHODS:

NATURAL HERITAGE PROGRAM RANKS:

STATE PROTECTION:

COMMENTS: