

1. Records of Spongilla-Flies [Neuroptera: Sisyridae] from Mississippi.

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Abstract. Adult spongilla-flies (Neuroptera: Sisyridae) were collected in light traps from 19 localities in Mississippi. *Sisyra vicaria* is reported from Mississippi for the first time, and additional locality records for *Climacia areolaris* are established.

The larvae of the neuropterous insect family Sisyridae are parasites of fresh-water sponges. Little is known about the biology of the adults. Parfin and Gurney (1) reported six species in two genera from North America. The only record of the family from Mississippi is a report of *Climacia areolaris* from Natchez (1). Poirrier (2) presented locality records from Louisiana and Texas, and Poirrier and Arceneaux (3) provided keys for the identification of larvae of southern species. In this report, we present the first records of *Sisyra vicaria* and additional records of *C. areolaris* from Mississippi.

These records are based on 19 collections by R. W. Holzenthal during April through September, 1979, in Mississippi. Adults were collected at night using light traps equipped with 8W Sylvania fluorescent bulbs (F8T5/BL). The specimens are in the collection of the junior author.

Locality records, dates and numbers of specimens are listed below. *Sisyra vicaria* (Walker, 1853). STONE CO., Flint Cr. at Hwy. 26, 4.9 mi E Wiggins, 7 June 1979, 1♂, 1♀. WILKINSON CO., Clark Cr., 0.75 mi. SW Pond, on Miss. Rd. to Fort Adams, 7 April 1979, 1♂.

Climacia areolaris (Hagen, 1861). AMITE CO., East Fork Amite R., TIN, R4E, Sec. 27, 23 June 1979, 1♀. LINCOLN CO., Homochitto R. at Hwy. 550, 4.2 mi. W Caseyville, 1 August 1979, 4♂, 2♀. PEARL RIVER CO., Chinquapin Cr. at Hwy. 43, 0.6 mi. S Crossroads, 3 July 1979, 1♂, 10♀. PERRY CO., Cypress Cr. at Hwy. 29, 1.2 mi. E Janice, 15 September 1979, 2♂. SIMPSON CO., Strong River upstream from Hwy. 28 bridge, 2.3 mi. W Pinola, 20 June 1979, 5♀. STONE CO., Flint Creek at Hwy. 26, 4.9 mi. E Wiggins, 7 June 1979, 12♂, 28♀.

REFERENCES

1. Parfin, S. I. and A. B. Gurney. The spongilla-flies with special reference to those of the Western Hemisphere (Sisyridae, Neuroptera). *Proceedings of the United States National Museum*, 1956. 105. 421-529.

2. Poirrier, M. A. Some fresh-water sponge hosts of Louisiana and Texas spongilla-flies, with new locality records. *American Midland Naturalist*, 1969, 81, 573-575.
3. Poirrier, M. A. and Y. M. Arceneaux. Studies on Southern Sisyridae (spongilla-flies) with a key to the third-instar larvae and additional sponge-host records. *American Midland Naturalist*, 1972, 88, 455-458.