

First Reported Occurrence of *Argulus mississippiensis*
(Crustacea: Branchiura) from Illinois

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ABSTRACT

Argulus mississippiensis Wilson was collected from longnose gar, *Lepisosteus osseus* (Linnaeus), captured from Lake Carlyle, Clinton Co. This is the first reported occurrence of *A. mississippiensis* in Illinois.

On 14 September 1977 a single specimen of *Argulus mississippiensis* Wilson was collected from a longnose gar, *Lepisosteus osseus* (Linnaeus), captured from Lake Carlyle, Clinton Co. A review of literature and personal communication with Dr. R. Cressey of the Smithsonian Institution indicated the known range of *A. mississippiensis* to include Indiana and Iowa, but not Illinois. This report constitutes a range extension and is the first for *A. mississippiensis* from Illinois.

The specimen is deposited as catalogue number 90 A.O in the Parasitological Collection of the Zoological Research Museum at Southern Illinois University-Carbondale.

In addition to being reported from Indiana and Iowa, *A. mississippiensis* has also been reported from Louisiana, Hoffman (1970) and Cressey (1972). The argulid has only been collected from gar, *Lepisosteus* sp.

LITERATURE CITED

- CRESSEY, R.F. 1972. Biota of Freshwater Ecosystems. Identification manual No. 2, The Genus *Argulus* (Crustacea: Branchiura) of the United States. U.S. Govt. Doc. EP 1.15:18050 Eld 02/72/40.2.
- HOFFMAN, G.L. 1970. Parasites of North American Freshwater Fishes. Univ. Calif. Press. Berkeley and Los Angeles. 486p.