

**NEW HOST RECORDS FOR *Allassostoma*  
(TREMATODA: DIGENEA) AND *Neoechinorhynchus*  
(ACANTHOCEPHALA) FROM *Pseudemys concinna* (LE  
CONTE) (CHELONIA)**

Author: JOHNSON, CHARLES A.

Source: Bulletin of the Wildlife Disease Association, 4(4) : 129

Published By: Wildlife Disease Association

URL: <https://doi.org/10.7589/0090-3558-4.4.129>

---

BioOne Complete ([complete.BioOne.org](https://complete.BioOne.org)) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at [www.bioone.org/terms-of-use](https://www.bioone.org/terms-of-use).

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

---

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

## CASE REPORTS AND BRIEFER ARTICLES

### NEW HOST RECORDS FOR *Allassostoma* (TREMATODA: DIGENEA) AND *Neoechinorhynchus* (ACANTHOCEPHALA) FROM *Pseudemys* *concinna* (LE CONTE) (CHELONIA)

*Allassostoma magnum* Stunkard, 1916 was described from the large intestine of the turtles *Pseudemys troostii* and *P. elegans*. Bennett (Proc. La. Acad. Sci. 4: 178-181, 1938) reported *A. magnum* from *P. elegans* and Parker (J. Tenn. Acad. Sci. 16: 27-45, 1941) reported *A. magnum* in *P. t. elegans*. All of the above hosts are now included under the taxon *P. scripta elegans*. Axmann reported *Allassostoma* sp. from *Chelydra serpentina* (J. Morph. 80: 321-334, 1947). During 1966, the author recovered 11 *A. magnum* from several *P. concinna hieroglyphica* which had been purchased from a biological supply company and collected from an unknown locality.

In 1954, Cable and Hopp (J. Parasit. 40: 674-680) described *Neoechinorhynchus chrysemydis* from the intestine of *Chrysemys picta marginata* and *N. pseudemydis* from *P. s. elegans*. In 1960, Fisher (J. Parasit. 46: 257-266) extended the host ranges when he reported *N. chrysemydis* in *P. s. elegans* and *N. pseudemydis* in *C. p. marginata*, *Emys blandingii* and an unknown species of mud turtle from Illinois. In 1967, Acholonu (Bull. Wildlife Disease Assoc. 3: 40) reported *N. chrysemydis* from *P. floridana hoyi*.

During 1966 and 1967, 12 *P. concinna* were examined for helminth parasites; *N. chrysemydis* and *N. pseudemydis* were removed from *P. c. hieroglyphica* x *concinna* from Lee County, Alabama; and *N. chrysemydis* from *P. c. concinna* from New Hanover County, North Carolina. The reporting of the above extends the host and geographical range for these two acanthocephalans.

CHARLES A. JOHNSON, III\*

Department of Zoology-Entomology  
Auburn University  
Auburn, Alabama  
February 1, 1968.

\*Present Address  
Department of Zoology  
North Carolina State University  
Raleigh, North Carolina