Metagonimoides Oregonensis Price, 1931
Occurring in Ohio Raccoons (Trematoda: Heterophyidae)

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METAGONIMOIDES OREGONENSIS PRICE, 1931 OCCURRING IN OHIO RACCOONS (TREMATODA: HETEROPHYIDAE). Two raccoons, Procyon lotor lotor (L.), taken in Franklin County, Ohio, in 1957 by Robert Sagar, were positive for three specimens of the trematode, Metagonimoides oregonensis Price, 1931. These small heterophyid flukes were from the small intestines of the host animals.

Price (1931) named the species from material found in raccoons from Oregon, constructing for it the genus Metagonimoides. In California, Ingles (1935) reported what he thought to be the larval stages of this trematode in the snail Goniobasis nigrina (Lea) but was unable to work the life cycle. Later, Burns and Pratt (1953) worked out the life cycle of M. oregonensis in Oregon, finding the cercariae being shed by the snail Goniobasis silicula (Gould). They found that the pleurolophocercous cercariae of M. oregonensis would encyst in tadpoles of Rana pipiens, R. catesbeiana and R. aurora aurora or develop directly into infective metacercariae in the rediae of the snail host. Senger and Neiland (1955) found this trematode also occurring in mink in Oregon. Sawyer (1958) reported the presence of M. oregonensis in a raccoon in Georgia.

The present paper is the first report of M. oregonensis from Ohio and to our knowledge the second report for the eastern United States. Homotype No. 59669 deposited in the U. S. National Museum Helminthological Collection.—

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LITERATURE CITED


