

Proceedings of the Iowa Academy of Science

Volume 33 | Annual Issue

Article 101

1926

Vascular Structure of the Kidney in the Snapping and Painted Turtles

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Recommended Citation

Ryke, Willis De (1926) "Vascular Structure of the Kidney in the Snapping and Painted Turtles," *Proceedings of the Iowa Academy of Science*, 33(1), 339-339.
Available at: <https://scholarworks.uni.edu/pias/vol33/iss1/101>

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It is hoped to continue this investigation over a period of years, with the collection of larger numbers of the beetles and the keeping of more definite data.

The identifications were made by Mr. Robert J. Sim and a number of County Agriculture Agents and students helped with the collecting.

BIOLOGY DEPARTMENT,
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VASCULAR STRUCTURE OF THE KIDNEY IN THE
SNAPPING AND PAINTED TURTLES

WILLIS DE RYKE

(*ABSTRACT*)

This paper deals with the vascularization of the kidney in *Chrysemys marginata belli* (Gray) and *Chelydra serpentina*. The arrangement of the vessels in the kidney of the painted turtle produces a true renal portal system while that in the kidney of the snapping turtle permits a considerable amount of blood to shunt around the capillaries of the kidney.

STATE UNIVERSITY OF IOWA,
IOWA CITY, IOWA.

A NEW HOST FOR THE ASPIDOGASTRID TREMA-
TODE, *COTYLOGASTER OCCIDENTALIS*.

HARRY M. KELLY

(*ABSTRACT*)

This trematode, known heretofore only from W. S. Nickerson's one finding in the intestine of the sheepshead, *Aplodinotus grunniens*, from the Lake Pepin region of the upper Mississippi, occurs not infrequently in a restricted portion of the intestine of the clam, *Lampsilis luteola*, in West Lake Okoboji. In this same lake it has been taken sparingly from the sheepshead also, and as clams are included in the fish's diet, direct transfer by this means is suggested.