

Molluscan Taxa and Bibliography of Henry van der Schalie

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Henry van der Schalie was born in Amsterdam, The Netherlands, on January 8, 1907. His family immigrated to the United States in 1909, following the death of his father, and settled in Paterson, New Jersey. Van left New Jersey in 1925 to enroll in Calvin College, Grand Rapids, Michigan. During his undergraduate studies, he developed an interest in parasitology. After receiving his A.B. in 1929, Van began graduate studies in parasitology at the University of Michigan (UM) under George R. LaRue, Chair of the Department of Zoology. But before long he accepted an assistantship in and transferred to the Mollusk Division of the Museum of Zoology at UM. He received an M.S. in 1931 and Ph.D. in 1934. Thus began a career in malacology at the Museum of Zoology that extended from his initial appointment as a museum assistant in 1929 to his retirement as curator of mollusks and professor of zoology in 1977. A review of activities in the Division of Mollusks during this period is presented in van der Schalie (1981).

Van became assistant curator of mollusks in 1934 and was promoted to curator of mollusks in 1944 following the retirement of Calvin Goodrich. Initially appointed as an instructor of zoology (1937-1944), he later held assistant (1944-1950), associate (1950-1956), and full professorships (1957-1977) in the Department of Zoology, UM, and served in visiting or adjunct capacities at other institutions. With the onset of World War II, his research returned to parasitology. He studied mollusks as vectors for various diseases, particularly schistosomiasis. Subsequently, he served on numerous national and international committees and as a consultant to various international organizations involved in medical malacology. Van was widely known as a researcher, educator, and advocate in malacology, parasitology, environmental conservation, and general education. He received many research grants and was member of numerous professional societies. In recognition for his early contributions to malacology, the fossil alasmidontine (Bivalvia: Unionoidea) taxon, *Vanderschaliea* Modell (1943: 112; type-species: *Unio kolasii* Modell, 1931), was named after him. Although retiring as curator emeritus from the University of Michigan in 1977, he did not cease his professional interests and continued his research and advocacy until his death on 15 April, 1986.

In addition to data in van der Schalie (1981), biographic information has appeared in Kraemer and Berry (1986) and Abbott (1987); however, none of these references listed or reviewed his publications or the taxa that he described. Van der Schalie published 142 manuscripts during the period of 1932-1986. Several of these works were published initially as a summary or an abstract, with the complete version of the paper published later in a different journal. A few papers were reprinted in other journals; in the following bibliography, the subsequent printing is noted in parentheses after the original reference. Between 1934 and 1939, Van co-authored 3 new species of prosobranch (Hydrobiidae) and 4 pulmonate (1 Ancyliidae, 2 Oleacinidae, 1 Sagdididae) gastropods from Guatemala with his mentor, Calvin Goodrich, and described 3 new species of unionoid bivalves (2 from the United States, 1 from Canada).

MOLLUSCAN TAXA

Abbreviations: CM = Carnegie Museum, Pittsburg, Pennsylvania; UF = Florida Museum of Natural History, University of Florida, Gainesville; UMMZ = Museum of Zoology, University of Michigan, Ann Arbor.

- aguadae*, *Ferrissia* (*Laevapex*) Goodrich and van der Schalie, 1937 (15 March), Miscellaneous Publications, Museum of Zoology, University of Michigan 34:23, pl. 1, fig. 7-7a; type locality: Aguada de Copó, one mile south of La Libertad, Petén, Guatemala. Holotype: UMMZ 65583. The generic allocation of this species is uncertain.
- alvaradoi*, *Spiraxis* Goodrich and van der Schalie, 1937 (15 March), Miscellaneous Publications, Museum of Zoology, University of Michigan 34:23, pl. 1, fig. 1; type locality: limestone knoll five miles north of El Paso de los Caballos, Petén, Guatemala. Holotype: UMMZ 65165.
- brookiana*, *Anodonta* van der Schalie, 1938 (4 June), Annals of the Carnegie Museum 27:167, pl. 16; type locality: Spout Pond Arm, Ferryland District, Southern Shore, Newfoundland. Holotype: CM 61.13137. The taxonomic status of this species is not clear. (W. R. Hoeh, personal communication).
- clenchi*, *Somatogyrus* Goodrich and van der Schalie, 1937 (15 March), Miscellaneous Publications, Museum of Zoology, University of Michigan 34:37, pl. 1, fig. 6; type locality: Río de la Pasión, Sayaxché, Petén, Guatemala. Holotype:

- UMMZ 65371. *Aroapyrgus clenchi* (fide Hershler and Thompson, 1992).
- francesae*, *Cochliopa* Goodrich and van der Schalie, 1937 (15 March), Miscellaneous Publications, Museum of Zoology, University of Michigan 34:38, pl. 1, fig. 3; type locality: Río de la Pasión, at the mouth of Arroyo Chajchinic, northwest of Porvenir, Alta Vera Paz, Guatemala. Holotype: UMMZ 65338. *Cochliopina francesae* (fide Hershler and Thompson, 1992).
- funibus*, *Spiraxis* Goodrich and van der Schalie, 1937 (15 March), Miscellaneous Publications, Museum of Zoology, University of Michigan 34:23, pl. 1, fig. 2; type locality: limestone knoll five miles north of El Paso de los Caballos, Petén, Guatemala. Holotype: UMMZ 65166.
- jonesi*, *Lampsilis* van der Schalie, 1934 (4 May), The Nautilus 47(4):125, pl. 15, fig. 1a-b, 2, 3a-b; type locality: Pea River, Preston's Mill, Dale County, Alabama. Type material originally was deposited in the Alabama Museum of Natural History; however, the malacological collection of that museum was given to the Florida Museum of Natural History with several lots subsequently transferred to the Museum of Comparative Zoology, Harvard University (F.G. Thompson, personal communication). Lectotype: UF 65558, designated by Johnson (1967; the specimen selected was the male figured in van der Schalie, 1934). *Ptychobranthus jonesi* (fide Athearn, 1964).
- mcglameriae*, *Medionidus* van der Schalie, 1939 (24 June), Occasional Papers, Museum of Zoology, University of Michigan 407:1, pl. 1; type locality: Tombigbee River, Epes, Sumpter County, Alabama. Holotype: UMMZ 130460.
- pasionensis*, *Ammicola* Goodrich and van der Schalie, 1937 (15 March), Miscellaneous Publications, Museum of Zoology, University of Michigan 34:36, pl. 1, fig. 4; type locality: Arroyo Subín, tributary of the Río de la Pasión, about two miles above Santa Teresa, Petén, Guatemala. Holotype: UMMZ 65357. *Aroapyrgus pasionensis* (fide Hershler and Thompson, 1992).
- taintori*, *Xenodiscula* Goodrich and van der Schalie, 1937 (15 March), Miscellaneous Publications, Museum of Zoology, University of Michigan 34:26, pl. 1, fig. 5, 5a-b; type locality: woodland just east of El Paso de los Caballos, Petén, Guatemala. Holotype: UMMZ 65177.
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