

Oklahoma Gastropods: Range Extensions, A Faunal Addition, and a Nomenclatural Change*

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During the past year, collections of snails from 18 Oklahoma counties have yielded 107 new county records and one new state record. These records represent data for 57 species, and supplement the work of Branson and Wallen (1), Dundee (2), Lutz (5), Wallen (6), Wallen and Dunlap (7), and Webb (8).

Wallen and Dunlap (7) recorded *Viviparus lecythoides* Benson for Oklahoma in 1953, a name that is regarded as synonymous with *V. malleatus* Reeve. Hannibal (3) first adopted the former for this species in 1908, but in 1911 (4) indicated that the name was probably a synonym of *V. malleatus*.

Bulimulus alternatus mariae (Albers) 1850 is reported herein for the first time in Oklahoma. This species is readily distinguished from its near relative, *B. dealbatus*, by its thicker shell, more distinct mottling, and dark aperture. As this form is usually found quite some distance below the Red River, this record may represent a mechanical introduction, probably by a tourist. However, since the snails were still living when found, it is quite possible that the species could be successful in Oklahoma.

Credit is due George Wallen, Milton Curd and C. S. Wallis for assistance in making collections, and Drs. Rehder and Morrison of the U. S. National Museum for checking identifications. All snails reported in this paper are deposited in the Museum of Zoology of the Oklahoma State University. The species list follows.

- Polygyra texastana* (Moricand) 1833
Nowata
- Polygyra jacksoni* (Bland) 1866
Cherokee
- Polygyra jacksoni simpsoni* (Pilsbry and Ferriss) 1907
Cherokee
- Polygyra dorfeuilliana* (Lea) 1838
Nowata, Pawnee
- Stenotrema leai aliciae* (Pilsbry) 1893
Washington, Pawnee, Johnston
- Mesodon thyroideus* (Say) 1816
Nowata, Delaware
- Mesodon thyroideus bucculenta* (Gould) 1884
Delaware
- Mesodon zaitetus ozarkensis* (Pilsbry and Ferriss) 1907
McCurtain
- Mesodon inflectus* (Say) 1821
Wagoner
- Bulimulus dealbatus* (Say) 1821
Nowata, Latimer
- Bulimulus dealbatus ozarkensis* Pilsbry and Ferriss
Murray
- Bulimulus alternatus mariae* (Albers) 1850
Love
- Euconulus fulvus* (Muller) 1774
Murray, Johnston
- Euconulus chersinus trochulus* (Reinhardt) 1883
Pawnee, Murray

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- Retinella indentata* (Say) 1823
 Pawnee, Washington, Pittsburg
Meomphala cupreus (Rafinesque) 1831
 Delaware, Cherokee
Hawaii minuscula (Binney) 1840
 Craig, Pawnee, Murray
Ventridens ligera (Say) 1821
 Nowata
Zonitoides arboreus (Say) 1816
 Caddo, Craig
Striatura meridionalis (Pilsbry and Ferriss) 1906
 Murray
Anguispira alternata (Say) 1816
 Pawnee, Johnston
Helicodiscus parallelus (Say) 1817
 Washington, Pawnee
Helicodiscus singleyanus (Pilsbry) 1890
 Nowata, Pawnee, Murray
Helicodiscus nummus (Vanatta) 1899
 Murray
Punctum vitreum H. B. Baker, 1930
 Murray
Succinea grosvenori Lea, 1864
 Nowata, Craig
Succinea avara (Say) 1824
 Cimarron, Washington, Nowata, Pawnee, Caddo
Strobilops labyrinthica (Say) 1817
 Pawnee
Strobilops aenia spiralis Pilsbry, 1903
 Murray
Gastrocopta armifera (Say) 1821
 Pawnee
Gastrocopta contracta (Say) 1822
 Craig, Pawnee
Gastrocopta holzingeri (Sterki) 1899
 Murray, Johnston
Gastrocopta pentadon (Say) 1821
 Washington, Murray
Gastrocopta tappaniana (Adams) 1842
 Craig, Pawnee, Murray
Gastrocopta procera (Gould) 1840
 Craig, Pawnee
Gastrocopta procera mcclungi (Hanna and Johnston) 1913
 Nowata, Murray
Gastrocopta cristata (Pilsbry and Vanatta) 1900
 Pawnee, Murray, Johnston
Gastrocopta pellucida hordeacella (Pilsbry) 1890
 Murray, Johnston
Pupoides albilabris (Adams) 1841
 Craig, Pawnee
Vertigo milium (Gould) 1840
 Murray
Vertigo ovata Say, 1822
 Craig
Vallonia parvula Sterki, 1893
 Pawnee, Johnston
Vallonia gracilicosta Reinhardt, 1883
 Pawnee, Murray
Pseudosuccinea columella (Say) 1817
 Latimer
Fossaria parva (Lea) 1841
 Murray

- Stagnicola bullmoides techella* (Haldeman) 1867
 Craig, Pawnee, Murray
- Helisoma trivolvis* (Say) 1817
 Nowata, Pawnee, Pittsburg, Latimer
- Helisoma anceps* (Menke)
 Latimer, Murray, McCurtain
- Ferrissia tarda* (Say) 1830
 McCurtain
- Ferrissia shinekii* (Pilsbry) 1890
 Johnston
- Physa hawonii* (Lea) 1864
 LeFlore
- Physa halei* Lea, 1864
 Nowata, Pawnee, Wagoner, Lincoln, Latimer, Murray, Johnston
- Physa anatina* Lea, 1864
 Pittsburg
- Gyraulus parvus* (Say) 1817
 Murray
- Gyraulus circumstriatus* (Tryon) 1870
 Pontotoc
- Mudalia plebia* (Anthony) 1850
 Delaware
- Campeloma decisum* Say, 1817
 Muskogee, Haskell

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