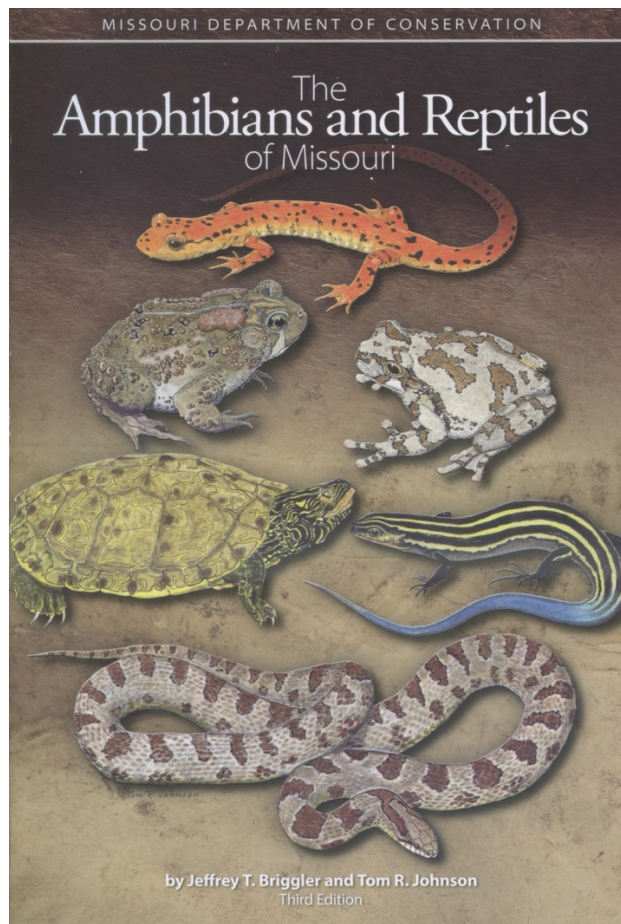


Missouri Herpetological Association



Newsletter

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MISSOURI HERPETOLOGICAL ASSOCIATION NEWSLETTER NO. 34

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Cover: Cover of the recently published third edition of *The Amphibians and Reptiles of Missouri* by MHA member Jeff Briggler and MHA founding member Tom R. Johnson.

INTRODUCTION

In response to the COVID-19 pandemic and concern for the health and welfare of our members, the Thirty-fourth Annual Meeting of the **Missouri Herpetological Association** scheduled for 25-26 September 2021 was canceled. This organization is designed to provide herpetologists in Missouri and surrounding states with an opportunity to meet and exchange ideas regarding current efforts in research and other professional activities. High on the list of priorities is to provide students, involved in research at either the graduate or undergraduate level, (1) the chance to interact with senior herpetologists, and (2) an outlet to present, in a semi-formal setting, the results of their labors.

This newsletter is the result of a decision made at the inaugural meeting to provide a means of publicly acknowledging papers presented at this and subsequent annual meetings. Further, the newsletter will inform the herpetological community of new distribution records of Missouri's herpetofauna, additions to the bibliography dealing with the state herpetofauna and provide an outlet for the publication of short notes dealing with the natural history of Missouri amphibians and reptiles.

ANNOUNCEMENTS

35th Annual Meeting of the Missouri Herpetological Association

The Thirty-fifth Annual Meeting of the Missouri Herpetological Association will be held 23-24 September 2022. Next year we will return to the **Bull Shoals Field Station** in Taney County near Forsyth, Missouri. The "call for papers" will be sent electronically in mid-July. For more information, please contact **Jeff Briggler** at:

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NEW AND PREVIOUSLY UNREPORTED HERPETOLOGICAL DISTRIBUTION RECORDS FOR MISSOURI IN 2021

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The following list represents new county records accumulated or brought to our attention since the publication of Daniel and Edmond (2020). Publication of these records extends our knowledge of the amphibians and reptiles found within the state of Missouri. In addition, recipients of this list can update checklists and distribution maps. Finally, the publication of this list allows us to acknowledge the contributions of the many individuals who have contributed information or specimens.

The records listed below represent the first report of the species within a given county and are based on catalogued voucher specimens or photographs deposited in a public institution. Distribution records are presented in the standardized format of Collins (1989): common and scientific name, county, specific locality (unless withheld for species of special concern), legal description of locality, date of collection, collector(s), catalogue number and institution where the specimen is deposited. Beginning in 2020 the published legal description of the locality will be restricted to township and range. Nomenclature and common names follow Crother (2017) and updates from the *SSAR North American Species Names Database*.

Specimens reported in this note have been deposited in the Dean E. Metter Memorial Collection, University of Missouri, Columbia, MO. Unless otherwise indicated, all distribution records are documented by post-metamorphic/hatchling, fluid preserved specimens.

We would like to extend our appreciation to T. Anderson, T. Blake, S. Bruce, P. Eyheralde, G. Frazier, D. Hoisington, G. Martin, C. Meyer, C. Montgomery, L. Moree, K. Morrow, K. Noel, M. Peterson, R. Rimer, C. Starbuck, and R. Worthington for contributing photographs or specimens that were used in this note.

AMPHIBIA: ANURA (FROGS AND TOADS)

GRAY TREEFROG

Hyla versicolor

Clark Co.: Charlie Heath Memorial Conservation Area (T67N R6W); 23 May 2021; C. Starbuck, M. Jorgensen, T. Calhoun (digital image, UMC 2021P).

Putnam Co.: Mineral Hills Conservation Area (T65N R19W); 5 June 2021; C. Starbuck, M. Hoggatt (digital image, UMC 4502P).

Scotland Co.: Indian Hills Conservation Area (T64N R12W); 28 June 2021; C. Starbuck, A. Tunstall, N. Castaneda (digital image, UMC 4539P).

CRAWFISH FROG

Lithobates areolatus

McDonald Co.: ~6.75 km E Southwest City (T21N R33W); 16 March 2021; R. Rimer, D. Freiburger (digital image, UMC 4461P).

GREEN FROG

Lithobates clamitans

Putnam Co.: Mineral Hills Conservation Area (T65N R19W); 23 June 2021; C. Starbuck, M. Hoggatt (digital image, UMC 4516P).

WOOD FROG

Lithobates sylvaticus

Franklin Co.: Robertsville State Park (T43N R2E); 14 March 2021; C. Meyer (digital image, UMC 4468P).

SPRING PEEPER

Pseudacris crucifer

Clay Co.: ~5.8 km SW Kearney (T52N R31W); 29 April 2021; K. Morrow, R. Morrow (digital image, UMC 4450P).

BOREAL CHORUS FROG

Pseudacris maculata

Grundy Co.: Crowder State Park entrance (T61N R25W); 5 April 2021; C. Bolin, C. Schaefer (digital image, UMC 4408P).

Pulaski Co.: Fort Leonard Wood (T35N R11W); 16 March 2013; T. Anderson (digital image, UMC 4409P).

Scotland Co.: Indian Hills Conservation Area (T64N R12W); 28 June 2021; C. Starbuck, A. Tunstall, N. Castaneda (digital image, UMC 4540P).

AMPHIBIA: CAUDATA (SALAMANDERS)

SMALL-MOUTHED SALAMANDER

Ambystoma texanum

Adair Co.: Big Creek Conservation Area (T62N R15W); 22 March 2019; E. Melgren (digital image, UMC 4431P).

Newton Co.: ~3.25 km N Diamond (T27N R31W); 12 March 2021; B. Edmond, J. Edmond (digital image, UMC 4578P).

EASTERN TIGER SALAMANDER

Ambystoma tigrinum

Christian Co.: 9.5 km WSW of Sparta (T22N R21W); 10 August 2021; L. Moore (digital image, UMC 4565P).

REPTILIA: SQUAMATA (LIZARDS)

MEDITERRANEAN GECKO

Hemidactylus turcicus

Cape Girardeau Co.: Cape Girardeau (T31N R13E); 3 August 2021; G. Frazier (digital image, UMC 4555P).

Perry Co.: Perryville (T35N R11E); 21 September 2021; G. Martin (digital image, UMC 4566P).

COAL SKINK

Plestiodon anthracinus

Osage Co.: ~5.25 km NW Keltztown (T42N R11W); 14 March 2021; C. Montgomery (digital image, UMC 4407P).

FIVE-LINED SKINK

Plestiodon fasciatus

Audrain Co.: 3.25 km of Thompson (T51N R10W); 3 June 2021; S. Bruce, B. Bruce (digital image, UMC 4564P).

PRAIRIE SKINK

Plestiodon septentrionalis

Putnam Co.: ~8.65 km WNW Powersville (T66N R20W); May 2021; P. Eyheralde (digital image, UMC 4568P).

REPTILIA: SQUAMATA (SNAKES)

WESTERN WORMSNAKE

Carphophis vermis

Adair Co.: ~7.75 km SW Novinger (T62N R17W); 15 April 2021; Z. Siebeneck (digital image, UMC 4429P).

TIMBER RATTLESNAKE

Crotalus horridus

McDonald Co.: ~12.8 km SSW of Rocky Comfort (T22N R29W); 12 July 2021; C. Watts (digital image, UMC 4552P).

EASTERN HOG-NOSED SNAKE

Heterodon platirhinos

Sullivan Co.: Dark Hollow Natural Area (T64N R18W); 22 May 2018; R. Worthington, M. Leahy, K. Noel (digital image, UMC 4557P).

LINED SNAKE

Tropidoclonion lineatum

Barton Co.: Prairie State Park (T32N R33W); 19 August 2021; D. Hoisington (digital image, UMC4558P).

REPTILIA: TESTUDINES (TURTLES)

SOUTHERN PAINTED TURTLE

Chrysemys dorsalis

Ripley Co.: Sand Pond Conservation Area (T22N R4E); 1 July 2021; J. Briggler (digital image, UMC 4543P).

OUACHITA MAP TURTLE

Graptemys ouachitensis

Cooper Co.: ~11.7 km WSW Pilot Grove (T47N R19W); 29 April 2021; R. Daniel (digital image, UMC 4499P).

NORTHERN MAP TURTLE

Graptemys geographica

Monroe Co.: Mark Twain Lake (T54N R8W); 12 May 2021; R. Worthington, T. Blake (digital images, UMC 4466P, 4470P).

FALSE MAP TURTLE

Graptemys pseudogeographica

Clark Co.: Rose Pond Conservation Area (T64N R6W); 9 June 2013; K. Noel (digital images, UMC 4463P-4464P).

EASTERN MUSK TURTLE

Sternotherus odoratus

Clark Co.: Rose Pond Conservation Area (T64N R6W); 9 June 2013; K. Noel (digital image, UMC 4462P).

RED-EARED SLIDER

Trachemys scripta

Randolph Co.: Thomas Hill Reservoir (T55N R15W); 27 April 2021; R. Daniel (digital images, UMC 4441P-4443P).

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- Collins, J.T. 1989. New records of amphibians and reptiles in Kansas for 1989. *Kansas Herpetological Society Newsletter* (78): 16-21.
- Crother, B.I. (ed). 2017. Scientific and standard English names of amphibians and reptiles of North America north of Mexico, with comments regarding confidence in our understanding. Pp. 1-102. *SSAR Herpetological Circular* 43.
- Daniel, R.E. and B.S. Edmond. 2020. *Atlas of Missouri Amphibians and Reptiles for 2019*. <http://atlas.moherp.org/pubs/atlas19.pdf>

ADDITIONS TO THE BIBLIOGRAPHY OF HERPETOFAUNAL REFERENCES FOR MISSOURI

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The following is a list of publications dealing with the biology of amphibians and reptiles from Missouri that have been brought to the attention of the author since the publication of Daniel (2020). Readers are requested to notify the author of any additional references that should be included in future compilations.

- Bolin, C.R. and C.H. Schaefer. 2021. Geographic distribution: USA: Missouri: *Pseudacris maculata*. *Herpetological Review* 52(2): 343.
- Briggler, J.T. and T.R. Johnson. 2021. *The amphibians and reptiles of Missouri* (3rd ed.). Missouri Department of Conservation, Jefferson City, Missouri.
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- Powell, A.F.L.A. 2021. Geographic distribution: USA: Missouri: *Graptemys pseudogeographica pseudogeographica*. *Herpetological Review* 52(3): 573.
- Schaefer, C.H. and C.E. Montgomery. 2021. Geographic distribution: USA: Missouri: *Plestiodon anthracinus pluvialis*. *Herpetological Review* 52(3): 577.
- Siebeneck, Z.N. 2021. Geographic distribution: USA: Missouri: *Carphophis vermis*. *Herpetological Review* 52(3): 577-578.
- Quinn, H.R. 2021. *Thamnophis sirtalis* and *Thamnophis proximus*: winter mortality. *Herpetological Review* 52(2): 436.

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- Daniel, R.E. 2020. Additions to the bibliography of herpetofaunal references for Missouri. *Missouri Herpetological Association Newsletter*. (33): 17-18.