

Partial Bibliography of Missouri Herpetology

Note: This document is not intended to be a complete bibliography of Missouri Herpetological references. Instead, it serves as an addendum to the Missouri-specific Herpetological literature cited within Johnson's The Amphibians and Reptiles of Missouri (2000). Additions and corrections should be submitted to Richard Daniel at the University of Missouri-Columbia (danielr@missouri.edu).

- Ahrens, J. 1997. Amphibian and reptile distributions in urban riparian areas. MS thesis. 70 p. University of Missouri-Columbia. Advisor: C. Nilon.
- Aldridge, R.D. 1969. The reproductive cycle and some aspects of the ecology of the Worm Snake, *Carphophis amoenus*, in Missouri. MA thesis. 42 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Aldridge, R.D. 1982. The ovarian cycle of the watersnake *Nerodia sipedon*, and effects of hypophysectomy and gonadotropin administration. *Herpetologica* 38: 71- 79.
- Aldridge, R.D. 2003. Herpetological theses and dissertations at St. Louis University. *Missouri Herpetological Association Newsletter* (16): 20.
- Aldridge, R.D. and A.P. Bufalino. 2003. Reproductive female common watersnakes (*Nerodia sipedon sipedon*) are not anorexic in the wild. *Journal of Herpetology* 37: 416-419.
- Aldridge, R.D., A.P. Bufalino, and A. Reeves. 2005. Pheromone communication in the watersnake, *Nerodia sipedon*: A mechanistic difference between semi-aquatic and terrestrial species. *American Midland Naturalist* 154: 412-422.
- Allsteadt, J., A.H. Savitzky, C.E. Petersen, and D.N. Naik. 2006. Geographic variation in the morphology of *Crotalus horridus* (Serpentes: Viperidae). *Herpetological Monographs* 20: 1-63.
- Altnether, S. 2003. Subterranean oviposition in the worm snake, *Carphophis vermis*. *Missouri Herpetological Association Newsletter* (16): 16.
- Anders, B. 2008. Influence of ultraviolet light, righting response, and community structure in aquatic turtles. Missouri State University Thesis. Advisor: D. Moll.
- Anderson, C.D. 2006. Landscape genetics and landscape ecology of the Timber rattlesnake. Washington University PhD Dissertation. 129 p. Advisor: A. Templeton.
- Anderson, C.D. 2010. Effects of movement and mating patterns on gene flow among overwintering hibernacula of the timber rattlesnake (*Crotalus horridus*). *Copeia* 2010 (1): 54-61.
- Anderson, C.D. and W.J. Drda. 2005. *Crotalus horridus* (Timber Rattlesnake). *Behavior. Herpetological Review* 36: 456-457.
- Anderson, K.A. 2016. Friends in Low Places: Responses of a benthic stream fish to intra-guild alarm cues. Missouri State University Thesis. Advisor: A. Mathis.
- Anderson, T.L., B.H. Ousterhout, D.L. Drake, J.J. Burkhart, F.E. Rowland, W.E. Peterman and R.D. Semlitsch. 2016. Differences in larval allometry among three Ambystomatid salamanders. *Journal of Herpetology* 50(3): 464-470.
- Anderson, T.L., B.H. Ousterhout, W.E. Peterman, D.L. Drake, R.D. Semlitsch. 2015. Life history differences influence the impacts of drought on aquatic survival and occupancy of two pond-breeding salamanders. *Ecological Applications* 25(7):

Partial Bibliography of Missouri Herpetology

1896-1910.

- Anderson, T.L. and R.D. Semlitsch. 2014. High intraguild predator density induces thinning effects on and increases temporal overlap with prey populations. *Population Ecology* 56: 265-273.
- Andrei, A., J.D. Riedle, T.D.H. Riedle, A. Andrei and S. Kampeter. 2013. Two herpetofaunal surveys in southwestern Missouri. *Collinsorum* 2(1/2): 14-19.
- Angert, A.L., D. Hutchison, D. Glossip, and J.B. Losus. 2002. Microhabitat use and thermal biology of the collared lizard (*Crotaphytus collaris collaris*) and the fence lizard (*Sceloporus undulatus hyacinthinus*) in Missouri glades. *Journal of Herpetology* 36: 23-29.
- Anon. 1993. Shy skink sighting. *Missouri Prairie Journal* 14(2):7.
- Aubrey, E.M. 1981. Evaporative water loss in the Five-lined Skink, *Eumeces fasciatus*. MA thesis. 87 p. University of Missouri-Columbia. Advisor: J.E. Carrel.
- Austin, J.D., S.C. Loughheed, L. Neidrauer, A.A. Chek, and P.T. Boag. 2002. Cryptic lineages in a small frog: the post-glacial history of the spring peeper, *Pseudacris crucifer* (Anura: Hylidae). *Molecular Phylogenetics and Evolution* 25: 316-329.
- Austin, J.D. and K.R. Zamudio. 2008. Incongruence in the pattern and timing of intra-specific diversification in bronze frogs and bullfrogs (Ranidae). *Molecular Phylogenetics and Evolution* 48: 1041-1053.
- Axtell, C.B. 1974. Ecological significance of lactate dehydrogenase variants in the *Rana pipiens* complex. Washington University Ph.D Dissertation. 149 p. Advisor: O.J. Sexton.
- Ayers, C.R., J.L. Belant, C.M. Bodinof, J.T. Briggler, and J. Millspaugh. 2013. Relating resource use to body condition and survival of Ozark hellbender *Cryptobranchus alleganiensis bishopi*. *Endangered Species Research* 21:205-2013.
- Barko, V.A. and J.T. Briggler. 2006. Midland smooth softshell (*Apalone mutica*) and spiny softshell (*Apalone spinifera*) turtles in the middle Mississippi River: habitat associations, population structure, and implications for conservation. *Chelonian Conservation and Biology* 5: 225-231.
- Barrett, K., J.A. Crawford, Z. Reinstein, and J.R. Milanovich. 2017. Detritus quality produces species-specific tadpole growth and survivorship responses in experimental wetlands. *Journal of Herpetology* 51(2): 227-231.
- Barrow, L.N., H.F. Ralicki, S.A. Emme and E.M. Lemmon. 2014. Species tree estimation of North American chorus frogs (Hylidae: *Pseudacris*) with parallel tagged amplicon sequencing. *Molecular Phylogenetics and Evolution* 75(1): 78-90.
- Baskett, J. N. 1893. Feigned death in snakes (letter to the editor). *Science* 22:330.
- Bass, N. 2000. Observations on Missouri turtles and reptiles. *Kansas Herpetological Society Newsletter* (122): 17.
- Bauman, M.A. 1974. The reproductive cycle of the Northern Water Snake, *Natrix sipedon sipedon*. MA thesis, 86 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Bauman, M.A. and D.E. Metter. 1974. The economic impact of two herps on a fish hatchery. *Herpetological Review* 5:73 (abstract).
- Bauman, M.A. and D.E. Metter. 1976. Economics, feeding and population structure of *Natrix s. sipedon* on a goldfish hatchery. *Progressive Fish-Culturist* 37:197-201.

Partial Bibliography of Missouri Herpetology

- Bauman, M.A. and D.E. Metter. 1977. Reproductive cycle of the Northern Water Snake *Natrix s. sipedon*. *Journal of Herpetology* 11:51-59.
- Bauman, M.A. and D.E. Metter. 1980. Economics, adult feeding and larval growth of *Rana catesbeiana* on a fish hatchery. *Journal of Herpetology* 14:231-238.
- Beatty, J.J. 1973. A comparison of the life history of *Notophthalmus viridescens* Rafinesque in a temporary and permanent pond. MA thesis, 89 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Becker, D. R. 1986. Oklahoma salamander survey - final report. Missouri Department of Conservation.
- Beckers, O.M. and J. Schul. 2004. Phonotaxis in *Hyla versicolor* (Anura, Hylidae): The effect of absolute call amplitude. *Journal of Comparative Physiology B* 190: 869-876.
- Bee, M.A. 2001. Habituation and sensitization of aggression in bullfrogs (*Rana catesbeiana*): Testing dual-process theory of habituation. *Journal of Comparative Psychology* 115: 307-316.
- Bee, M.A. 2001. Vocally mediated neighbor recognition in North American Bullfrogs, *Rana catesbeiana*: identification, perception and learning. PhD dissertation, 206 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Bee, M.A. and A.C. Bowling. 2002. Socially mediated pitch alteration by territorial male bullfrogs, *Rana catesbeiana*. *Journal of Herpetology* 36: 140-143.
- Bee, M.A. and H.C. Gerhardt. 2001. Habituation as a mechanism of reduced aggression between adjacently territorial male bullfrogs (*Rana catesbeiana*). *Journal of Comparative Psychology* 115: 68-82.
- Bee, M.A. and H.C. Gerhardt. 2001. Individual discrimination by territorial male bullfrogs (*Rana catesbeiana*): I. Individual variation in advertisement calls. *Animal Behavior* 62: 1129-1140.
- Bee, M.A. and H.C. Gerhardt. 2001. Individual discrimination by territorial male bullfrogs (*Rana catesbeiana*): II. Perceptual mechanisms. *Animal Behavior* 62: 1141-1150.
- Bee, M.A. and H.C. Gerhardt. 2002. Individual voice recognition in a territorial frog (*Rana catesbeiana*). *Proceedings of the Royal Society of London B* 269: 1443-1448.
- Bee, M.A., S.A. Perrill, and P.C. Owen. 1999. Size-assessment in simulated territorial encounters between male Green Frogs (*Rana clamitans*). *Behavioral Ecology and Sociobiology* 45:177-184.
- Bee, M. and H.C. Gerhardt. 2002. Individual voice recognition in a territorial frog (*Rana catesbeiana*). *Proceedings of the Royal Society of London B* 269: 1443-1448.
- Beffa, D.A. 1976. Responses of *Cryptobranchus alleganiensis alleganiensis* to different oxygen concentrations, temperatures and photoperiod. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Benbow, G.T. 2008. Habituation, scent-trailing, and effects of temperature upon the strike-induced chemosensory searching (SICS) in the Cottonmouth (*Agkistrodon piscivorus*). Missouri State University Thesis. Advisor: B. Greene.
- Beringer, J. and T.R. Johnson. 1995. Natural history notes: *Rana catesbeiana* (diet). *Herpetological Review* 26:98.
- Betz, T.W. 1960. The ovarian morphology of the diamond-back water snake, *Natrix*

Partial Bibliography of Missouri Herpetology

- rhomgifera rhomgifera*, during the reproductive cycle. MA thesis, 70 p. University of Missouri-Columbia. Advisor: C.H. Conaway.
- Blanchard, F.N. 1924. The status of *Amphiardus inornatus*. *Copeia* 1924:83-85.
- Bodie, J.R. 1998. Contemporary hydrology of a large-river floodplain: Multiple-scale effects on freshwater turtles. MA thesis. 77 p. University of Missouri-Columbia. Advisor: R. D. Semlitsch.
- Bodie, J.R. and R.D. Semlitsch. 2000. Spatial and temporal use of floodplain habitats by lentic and lotic species of aquatic turtles. *Oecologia* 122:138–146.
- Bodie, J.R. and R.D. Semlitsch. 2000. Size-specific mortality and natural selection in freshwater turtles. *Copeia* 2000:732–739.
- Bodie, J.R., R.D. Semlitsch, and R.B. Renkin. 2000. Diversity and structure of turtle assemblages: associations with wetland characters across a floodplain landscape. *Ecography* 23:444–456.
- Bodinof, C.M., J.T. Briggler, M.C. Duncan, J. Beringer, and J.J. Millspaugh. 2011. Historic occurrence of the amphibian chytrid fungus *Batrachochytrium dendrobatidis* in hellbender *Cryptobranchus alleganiensis* populations from Missouri. *Disease of Aquatic Organisms* 96: 1-7.
- Bodinof, C.M., J.T. Briggler, R.E. Junge, J. Beringer, M.D. Wanner, C.D. Chawna, J. Ettlign, and J. Millspaugh. 2012. Habitat attributes associated with short-term settlement of Ozark hellbender (*Cryptobranchus alleganiensis bishopi*) salamanders following translocation to the wild. *Freshwater Biology* 57: 178-192.
- Bodinof, C.M., J.T. Briggler, R.E. Junge, J. Beringer, M.D. Wanner, C.D. Schuette, J. Ettlign, R.A. Gitzen and J.J. Milspaugh. 2012. Postrelease Movements of Captive-Reared Ozark Hellbenders (*Cryptobranchus alleganiensis bishopi*). *Herpetologica* 68(2): 160-173.
- Bodinof, C.M., J.T. Briggler, R.E. Junge, T. Mong, J. Beringer, M.D. Wanner, C.D. Schuette, J. Ettlign, and J.J. Milspaugh. 2012. Survival and body condition of captive-reared juvenile Ozark Hellbenders (*Cryptobranchus alleganiensis bishopi*) following translocation to the wild. *Copeia* 2012 (1): 150-159.
- Bonett, R.M. and P.T. Chippendale. 2004. Speciation, phylogeography and evolution of life history and morphology in plethodontid salamanders of the *Eurycea multiplicata* complex. *Molecular Ecology* 13: 1189-1203.
- Boone, M.D. 2000. Effects of an insecticide on amphibian communities. PhD dissertation. 134 p. University of Missouri-Columbia. Advisor: R.D. Semlitsch.
- Boone, M.D. 2004. Juvenile frogs compensate for small metamorph size with terrestrial growth: Overcoming the effects of larval density and insecticide exposure. *Journal of Herpetology* 39: 416-423.
- Boone, M.D. and C.M. Bridges. 1999. The effect of temperature on the potency of carbaryl for survival of tadpoles of the Green Frog (*Rana clamitans*). *Environmental Toxicology and Chemistry* 18:1482–1484.
- Boone, M.D., C.M. Bridges, and B.B. Rothermel. 2001. Growth and development of larval green frogs (*Rana clamitans*) exposed to multiple doses of an insecticide. *Oecologia* 129: 518-524.
- Boone, M.D., E.E. Little and R.D. Semlitsch. 2004. Overwintered bullfrog tadpoles negatively affect salamanders and anurans in native amphibian communities. *Copeia* 2004: 683-690.

Partial Bibliography of Missouri Herpetology

- Boone, M.D. and R.D. Semlitsch. 2001. Interactions of an insecticide with larval density and predation in experimental amphibian communities. *Conservation Biology* 15: 1-12.
- Boone, M.D. and R.D. Semlitsch. 2002. Interactions of an insecticide with pond drying and competition in amphibian communities. *Ecological Applications* 12: 43-52.
- Boone, M.D. and R.D. Semlitsch. 2003. Interactions of bullfrog tadpole predators and an insecticide: predation release and facilitation. *Oecologia* 137: 610-616.
- Boone, M.D., R.D. Semlitsch, J.F. Fairchild, and B.B. Rothermel. 2004. Effects of an insecticide on amphibians in large-scale experimental ponds. *Ecological Applications* 14: 685-691.
- Boone, M.D., R.D. Semlitsch, E.E. Little and M.C. Doyle. 2007. Multiple stressors in amphibian communities: interactive effects of chemical contamination, bullfrog tadpoles, and bluegill sunfish. *Ecological Applications* 17: 291-301.
- Boone, M.D., R.D. Semlitsch, C. Mosby. 2008. Suitability of golf course ponds for amphibian metamorphosis when bullfrogs are removed. *Conservation Biology* 22:172-179.
- Bortosky, R.C. 2014. Honest signaling in aggressive contests between Ozark Zigzag Salamanders (*Plethodon angusticlavius*). Missouri State University Thesis. Advisor: A. Mathis.
- Boundy, J. 1995. Maximum lengths of North American snakes. *Bulletin of the Chicago Herpetological Society* 30:109-122.
- Boyer, D.A. 1933. A case report on the potency of the bite of a young Copperhead *Copeia* 1933:97.
- Bradford, J. 1973. Reproduction and ecology of two species of earth snakes: *Virginia striatula* and *Virginia valeriae*. PhD dissertation, 105 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Braun, A.P. 2013. Geographic distribution: USA: Missouri: *Pseudacris crucifer*. *Herpetological Review* 44(4): 622.
- Braun, A.P. 2013. Geographic distribution: USA: Missouri: *Graptemys pseudogeographica*. *Herpetological Review* 44(4): 623.
- Braun, A.P. and J. West. 2014. Geographic distribution: USA: Missouri: *Apalone mutica*. *Herpetological Review* 45(2): 279.
- Braun, A.P. and J. West. 2014. Geographic distribution: USA: Missouri: *Apalone mutica*. *Herpetological Review* 45(3): 459.
- Braun, A.P. and A.T. Buelmann. 2014. Geographic distribution: USA: Missouri: *Trachemys scripta*. *Herpetological Review* 45(3): 461.
- Braun, A.P. and A.T. Buelmann. 2014. Geographic distribution: USA: Missouri: *Plestiodon fasciatus*. *Herpetological Review* 45(3): 463.
- Braun, A.P. and Q.E. Phelps. 2016. Habitat use by five turtle species in the Middle Mississippi River. *Chelonian Conservation and Biology* 15(2): 62-68.
- Brennan, A.M. 2004. The effect of temperature and digestion on metabolism in Black Rat Snakes, *Elaphe obsoleta obsoleta*. Southwest Missouri State University Thesis. Advisor: B. Greene.
- Bridges, C.M. 1999. The effects of a chemical stressor on amphibian larvae: individual, population and species level responses. PhD dissertation. 148 p. University of Missouri-Columbia. Advisor: R.D. Semlitsch.

Partial Bibliography of Missouri Herpetology

- Bridges, C.M. 1999. Effects of an agricultural pesticide on tadpole swimming and feeding in the presence and absence of predators. *Journal of Herpetology* 33:303–306.
- Bridges, C.M. and R.D. Semlitsch. 2000. Variation in pesticide tolerance of tadpole among and within species of Ranidae and patterns of amphibian decline. *Conservation Biology* 14: 1490-1499.
- Bridges, C.M. and R.D. Semlitsch. 2001. Genetic variation in insecticide tolerance in a population of southern leopard frogs (*Rana sphenoccephala*): implications for amphibian conservation. *Copeia* 2001: 7-13.
- Briggler, J.T. 2001. Small Grant Reports Submitted to the Missouri Department of Conservation. *Missouri Herpetological Association Newsletter* (14): 18-19.
- Briggler, J.T. 2004. Rediscovery of the dusty hog-nosed snake (*Heterodon nasicus gloydi*) in Missouri. *Missouri Herpetological Association Newsletter* (17): 13.
- Briggler, J.T. and J.R. Ackerson. 2012. Construction and use of artificial shelters to supplement habitat for Hellbenders (*Cryptobranchus alleganiensis*). *Herpetological Review* 43(3): 412-416.
- Briggler, J.T., J. Ettl, M. Wanner, C. Schuette, M. Duncan, and K. Goellner. 2007. *Cryptobranchus alleganiensis*: Chytrid fungus. *Herpetological Review* 38: 174.
- Briggler, J.T., K.A. Larson, and K.J. Irwin. 2008. Presence of the amphibian chytrid fungus (*Batrachochytrium dendrobatidis*) on hellbenders (*Cryptobranchus alleganiensis*) in the Ozark highlands. *Herpetological Review* 39: 443-444.
- Briggler, J.T. and K.M. Lohraff. 2014. *Cryptobranchus alleganiensis alleganiensis*: intraspecific aggressive behavior. *Herpetological Review* 45(3): 471-472.
- Briggler, J.T., B. McKeage, N.M. Gironde, and P.R. Pitts. 2013. Evaluation of traps to capture Eastern Hellbenders (*Cryptobranchus alleganiensis alleganiensis*) in deep water habitat. *Herpetological Review* 44(3): 423-428.
- Briggler, J.T. and W.E. Moser. 2008. *Necturus maculosus*: Host. *Herpetological Review* 39: 205.
- Briggler, J.T. and R.L. Rimer. 2007. *Ambystoma annulatum*: Cave use. *Herpetological Review* 38: 431-432.
- Briggler, J.T., R.L. Rimer and G. Deichsel. 2015. First record of the Northern Italian Wall Lizard (*Podarcis siculus campestris*) in Missouri. *IRCF Reptiles & Amphibians* 22(1): 43-45.
- Brisson, J.A., J.L. Strasburg and A.R. Templeton. 2003. Impact of fire management on the ecology of collared lizard populations living on the Ozark Plateau. *Animal Conservation* 6: 247-254.
- Broughton, R.E. 1973. Effects of corticosterone and aldosterone on plasma glucose levels in the American Bullfrog. MA thesis. 69 p. University of Missouri-Columbia. Advisor: R.M. DeRoos.
- Brown, A.D., K. Temple-Miller, W.M. Roosenburg, and M.M. White. 2012. Mitochondrial DNA variation in the Ouachita Map Turtle. *Copeia* 2012(2): 301-306.
- Brown, L.E. 1992. *Rana blairi*. *Catalogue of American Amphibians and Reptiles* 536.1-536.6.
- Brown, L.E. and D. Moll. (date unknown). A report on the status of the nearly extinct Illinois mud turtle (*Kinosternon flavescens spooneri* Smith 1951) with recommendations for its conservation. Missouri Department of Conservation.

Partial Bibliography of Missouri Herpetology

- Brown, N.R. 1985. Changes in LDH activity in *Cryptobranchus* due to imposed environmental stress. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Bryant, C.A. 2003. Geographic distribution: *Eurycea longicauda*. *Herpetological Review* 34: 256.
- Bryant, C.A. 2003. Geographic distribution: *Eurycea lucifuga*. *Herpetological Review* 34: 256.
- Bryant, C.A. 2003. Geographic distribution: *Hyla chrysoscelis* / *Hyla versicolor* complex. *Herpetological Review* 34: 258.
- Bryant, C.A. 2003. Geographic distribution: *Apalone spinifera*. *Herpetological Review* 34: 260.
- Bryant, C.A. 2003. Geographic distribution: *Scincella lateralis*. *Herpetological Review* 34: 263.
- Bryant, C.A. 2003. Geographic distribution: *Lampropeltis triangulum sypila*. *Herpetological Review* 34: 265.
- Bryant, C.A. 2003. Geographic distribution: *Tantilla gracilis*. *Herpetological Review* 34: 266.
- Bufalino, A.P. 1996. Geographic distribution: *Rana clamitans melanota*. *Herpetological Review* 27:87.
- Bufalino, A.P. 1996. Geographic distribution: *Eumeces laticeps*. *Herpetological Review* 27:87.
- Bufalino, A.P. 1996. Geographic distribution: *Thamnophis sirtalis parietalis*. *Herpetological Review* 27:89.
- Bufalino, A.P. 2004. Geographic Distribution: *Hemidactylus turcicus turcicus*. *Herpetological Review* 35: 188.
- Buhlmann, K.A. and T.R. Johnson. 1995. Geographic distribution: *Deirochelys reticularia miaria* (Western Chicken Turtle). *Herpetological Review* 26:209.
- Burbrink, F.T. 2001. Systematics of the eastern ratsnake complex (*Elaphe obsoleta*). *Herpetol. Monogr.* 15: 1-53.
- Burbrink, F.T., F. Fontanella, R.A. Pyron, T.J. Guiher, and C. Jimenez. 2007. Phylogeography across a continent: The evolutionary history and demographic history of the North American racer (Serpentes: Colubridae: *Coluber constrictor*). *Molecular Phylogenetics and Evolution* 47: 274-288.
- Burbrink, F.T. and T.J. Guiher. 2014. Considering gene flow when using coalescent methods to delimit lineages of North American pitvipers of the genus *Agkistrodon*. *Zoological Journal of the Linnean Society*, 2014 with 5 figures: 1-22.
- Burbrink, F.T., R. Lawson, and J.B. Slowinski. 2000. Mitochondrial DNA phylogeography of the North American rat snake (*Elaphe obsoleta*): a critique of the subspecies concept. *Evolution* 54: 2107-2114.
- Burger, J.C. 1980. The effects of acoustic experience on the calls of Gray Treefrogs. MA thesis. 111 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Burger, L. and T. Johnson. 1992. The distribution and status of the Illinois chorus frog, *Pseudacris streckeri illinoiensis*, in Missouri and Arkansas. Missouri Department of Conservation.
- Burt, C.E. 1933. A collection of amphibians and reptiles from southern Missouri.

Partial Bibliography of Missouri Herpetology

- American Midland Naturalist* 14:172-173.
- Burt, C.E. 1935. Further records of the ecology and distribution of amphibians and reptiles in the Middle West. *American Midland Naturalist* 16:327-336.
- Burt, C.E. and W.L. Hoyle. 1935. Additional records of the reptiles of the Central Prairie Region of the United States. *Transactions of the Kansas Academy of Science* 37:193-215.
- Calfee, R.D., C.M. Bridges, and E.E. Little. 2006. Sensitivity of two salamanders (*Ambystoma*) species to ultraviolet radiation. *Journal of Herpetology* 40: 35-42.
- Caliando, J.J. 1975. The effect of the pancreatic hormones, insulin and glucagon, on blood glucose and liver glycogen in the Hellbender, *Cryptobranchus alleganiensis*. Southwest Missouri State University. Advisor: R.L. Philibert.
- Christiansen, J. L. 1998. A comparative study of possible parasite involvement with limb abnormalities in frogs from Iowa and Missouri. Missouri Department of Conservation.
- Christiansen, J.L., N.P. Bernstein, C.A. Phillips, J.T. Briggler, and D. Kangas. 2012. Declining populations of Yellow Mud Turtles (*Kinosternon flavescens*) in Iowa, Illinois and Missouri. *Southwestern Naturalist* 57(3): 304-313.
- Church, S.A., J.M. Kraus, J.C. Mitchell, D.R. Church, and D.R. Taylor. 2003. Evidence for multiple Pleistocene refugia in the post-glacial expansion of the Eastern Tiger Salamander, *Ambystoma tigrinum tigrinum*. *Evolution* 57: 372-383.
- Churilla, J.M. 2015. Behavioral and physiological evidence for musk gland secretions as a chemical alarm cue in the Cottonmouth, *Agkistrodon piscivorus*. Missouri State University Thesis. Advisor: B. Greene.
- Clark, A.M., P.E. Moler, E.E. Possardt, A.H. Savitzky, W.S. Brown, and B.W. Bowen. 2003. Phylogeography of the timber rattlesnake (*Crotalus horridus*) based on mtDNA sequences. *Journal of Herpetology* 37: 145-154.
- Clawson, M.E. 1980. Evaluating handbooks for small mammal and herpetofauna habitat assessment. MA thesis, 228 p. University of Missouri-Columbia. Advisor: T.S. Baskett.
- Coatney, C.E. Jr. 1982. Home range and nocturnal activity of the Ozark Hellbender. MS Thesis, Southwest Missouri State Univ, Springfield.
- Combs, R.D. 2007. Comparative phylogenetic analysis in populations of the Western Cottonmouth (*Agkistrodon piscivorus leucostoma*) distributed in three North American drainage basins. Missouri State University Thesis. Advisor: M. McKnight.
- Conant, R. and J.T. Collins. 1998. A Field Guide to Reptiles and Amphibians of Eastern and Central North America. 3rd ed., expanded. Houghton Mifflin Co., Boston. (See review by Powell. 1999. *Herpetological Review* 30:59).
- Conley, A.K. 2013. Variation in social structure, dispersal, and genetic differentiation in response to local habitat quality in a metapopulation of the Eastern collared lizard. Washington University PhD Dissertation. 103 p. Advisor: A. Templeton.
- Cooper, W.E. Jr. 1988. *Eumeces laticeps*. *Catalogue of American Amphibians and Reptiles* 445.1-445.3.
- Corse, W.A. 1974. Food habits, digestion rates, and larval growth of the Bullfrog, *Rana catesbeiana* Shaw, at Ozark Fisheries. MA thesis. 67 p. University of Missouri-Columbia. Advisor: D.E. Metter.

Partial Bibliography of Missouri Herpetology

- Cox, D., T J. Koob, R.P. Mecham, and O.J. Sexton. 1984. External incubation alters the composition of squamate eggshells. *Comparative Biochemistry and Physiology* 79B:481-487.
- Crane, A.L. 2005. The effect of reproductive condition on the thermal and spatial ecology of the female Cottonmouth (*Agkistrodon piscivorus*) in southwest Missouri. Missouri State University Thesis. Advisor: B. Greene.
- Crane, A.L. and B.D. Greene. 2008. The effect of reproductive condition on thermoregulation in female *Agkistrodon piscivorus* near the northwestern range limit. *Herpetologica* 64: 156-167.
- Crawford, J.A., C.A. Phillips, W.E. Peterman, I.E. MacAllister, N.A. Wesslund, A.R. Kuhns and M.J. Dreslik. 2017. Chytrid infection dynamics in cricket frogs on military and public lands in the midwestern United States. *Journal of Fish and Wildlife Management* 8(2):344–352.
- Crawford, J.A., J.A. Tunnage and E.M. Wright. 2017. Breeding pond occupancy of the Ringed Salamander (*Ambystoma annulatum*) in east-central Missouri. *The American Midland Naturalist* 178: 151-157.
- Creer, D.A. 2000. Phylogenetic relationships, ontogenetic color change, and antipredator adaptation in Colubrinae (Serpentes). Washington University Ph.D Dissertation. 161 p. Advisor: J.B. Losos.
- Crother, B.I., M.E. White, J.M. Savage, M.E. Eckstut, M.R. Graham and D.W. Gardner. 2011. A reevaluation of the status of the fox snakes *Pantherophis gloydi* Conant and *P. vulpinus* Baird and Girard (Lepidosauria). *International Scholarly Research Network ISRN Zoology* 2011: doi: 10.5402/2011/43604
- Crowhurst, R.S, J.T. Briggler, J.B. Koppelman, K.M. Lohraff and J.A. Civiello. 2009. *Cryptobranchus alleganiensis alleganiensis*: Multiple clutches. *Herpetological Review* 40(2): 195.
- Crowhurst, R.S., K.M. Faries, J. Collantes, J.T. Briggler, J.B. Koppelman and L.S. Eggert. 2011. Genetic relationships of hellbenders in the Ozark highlands of Missouri and conservation implications for the Ozark subspecies (*Cryptobranchus alleganiensis bishopi*). *Conservation Genetics* 12: 637-646. DOI 10.1007/s10592-010-0170-
- Cunningham, C. A. and S. Trautwein. 1996. The occurrence, habitat use and breeding status of an aquatic salamander, *Amphiuma tridactylum*, in southeast Missouri. Missouri Department of Conservation.
- Dalton, B. D. 2013. Identification of sex and parasitism via chemical cues by the Ozark Zigzag Salamander. Missouri State University Thesis. Advisor: A. Mathis.
- Daniel, R.E. 2000. New *Lampropeltis getula holbrooki* size record for Missouri. *Missouri Herpetological Association Newsletter* (13): 20.
- Daniel, R.E. 2001. Herpetological Theses and Dissertations at University of Missouri-Columbia. *Missouri Herpetological Association Newsletter* (14): 19-21.
- Daniel, R.E. 2005. New size records for two species of Missouri Turtles. *Missouri Herpetological Association Newsletter* (18): 13.
- Daniel, R.E. 2006. New state size records for Missouri reptiles. *Missouri Herpetological Association Newsletter* (19): 14-15.
- Daniel, R.E. 2007. New size records for three Missouri Reptiles. *Missouri Herpetological Association Newsletter* (20): 16-17.

Partial Bibliography of Missouri Herpetology

- Daniel, R.E. 2008. Scavenging behavior of *Thamnophis sirtalis*. *Missouri Herpetological Association Newsletter* (21): 15.
- Daniel, R.E. 2008. New size records for four Missouri Snakes. *Missouri Herpetological Association Newsletter* (21): 16.
- Daniel, R.E. 2009. New size records for two Missouri turtles. *Missouri Herpetological Association Newsletter* 22: 9.
- Daniel, R.E. 2010. Three new *Herpetological* size records for Missouri. *Missouri Herpetological Association Newsletter* (23): 8-9.
- Daniel, R.E. 2011. Updated maximum size records for amphibians and reptiles from Missouri. *Missouri Herpetological Association Newsletter* (24): 17-20.
- Daniel, R.E. 2012. New *Herpetological* size records for Missouri. *Missouri Herpetological Association Newsletter* (25): 20.
- Daniel, R.E. and J.T. Briggler. 2016. New state size record for the Western Pygmy Rattlesnake (*Sistrurus miliarius streckeri*). *Missouri Herpetological Association Newsletter* (29): 20.
- Daniel, R.E. and B.S. Edmond. 2000. New and previously unreported distribution records of amphibians and reptiles in Missouri for 2000. *Missouri Herpetological Association Newsletter* (13): 14-19.
- Daniel, R.E. and B.S. Edmond. 2001. New and Previously Unreported Distribution Records of Amphibians and Reptiles in Missouri for 2001. *Missouri Herpetological Association Newsletter* (14): 7-12.
- Daniel, R.E. and B.S. Edmond. 2002. Atlas of Missouri Amphibians and Reptiles (for 2001). <<http://atlas.moherp.org/pubs/atlas01.pdf>>
- Daniel, R.E. and B.S. Edmond. 2002. Revised county distribution maps of amphibians and reptiles of Missouri. *Missouri Herpetological Association Newsletter* (15): 16-38.
- Daniel, R.E. and B.S. Edmond. 2003. Atlas of Missouri Amphibians and Reptiles (for 2002). <<http://atlas.moherp.org/pubs/atlas02.pdf>>
- Daniel, R.E. and B.S. Edmond. 2004. Atlas of Missouri Amphibians and Reptiles (for 2003). <<http://atlas.moherp.org/pubs/atlas03.pdf>>
- Daniel, R.E. and B.S. Edmond. 2005. Atlas of Missouri Amphibians and Reptiles (for 2004). <<http://atlas.moherp.org/pubs/atlas04.pdf>>
- Daniel, R.E. and B.S. Edmond. 2006. Atlas of Missouri Amphibians and Reptiles for 2005. <<http://atlas.moherp.org/pubs/atlas05.pdf>>
- Daniel, R.E. and B.S. Edmond. 2007. Stream breeding by the spotted salamander (*Ambystoma maculatum*) in Missouri. *Missouri Herpetological Association Newsletter* (20): 15-16.
- Daniel, R.E. and B.S. Edmond. 2008. Atlas of Missouri Amphibians and Reptiles for 2007. <<http://atlas.moherp.org/pubs/atlas07.pdf>>
- Daniel, R.E. and B.S. Edmond. 2010. Atlas of Missouri Amphibians and Reptiles for 2009. <<http://atlas.moherp.org/pubs/atlas09.pdf>>
- Daniel, R.E. and B.S. Edmond. 2012. Atlas of Missouri Amphibians and Reptiles for 2011. <<http://atlas.moherp.org/pubs/atlas11.pdf>>
- Daniel, R.E. and B.S. Edmond. 2013. Atlas of Missouri Amphibians and Reptiles for 2012. <<http://atlas.moherp.org/pubs/atlas12.pdf>>
- Daniel, R.E. and B.S. Edmond. 2014. Atlas of Missouri Amphibians and Reptiles for

Partial Bibliography of Missouri Herpetology

2013. <<http://atlas.moherp.org/pubs/atlas13.pdf>>
- Daniel, R.E. and B.S. Edmond. 2014. Geographic distribution: USA: Missouri: *Lampropeltis nigra*. *Herpetological Review* 45(3): 465.
- Daniel, R.E. and B.S. Edmond. 2017. Atlas of Missouri Amphibians and Reptiles for 2016. <<http://atlas.moherp.org/pubs/atlas16.pdf>>
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2002. New and previously unreported distribution records of amphibians and reptiles in Missouri for 2002. *Missouri Herpetological Association Newsletter* (15): 9-15.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2003. New and previously unreported *Herpetological* records from Missouri for 2003. *Missouri Herpetological Association Newsletter* (16): 11-15
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2004. New Herpetological records from Missouri for 2004. *Missouri Herpetological Association Newsletter* (17): 9-12.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2005. New Herpetological Records From Missouri for 2005. *Missouri Herpetological Association Newsletter* (18): 8-11.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2006. New Herpetological records from Missouri for 2006. *Missouri Herpetological Association Newsletter* (19): 9-12.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2007. New Herpetological records from Missouri for 2007. *Missouri Herpetological Association Newsletter* (20): 10-13.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2008. New Herpetological records from Missouri for 2008. *Missouri Herpetological Association Newsletter* (21): 9-14.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2009. New Herpetological records for Missouri in 2009. *Missouri Herpetological Association Newsletter* 22: 7-9.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2010. New Herpetological distribution records for Missouri in 2010. *Missouri Herpetological Association Newsletter* (23): 6-8.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2011. New Herpetological distribution records for Missouri in 2011. *Missouri Herpetological Association Newsletter* (24): 14-16.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2012. New Herpetological distribution records for Missouri in 2012. *Missouri Herpetological Association Newsletter* (25): 11-15.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2013. New Herpetological distribution records for Missouri in 2013. *Missouri Herpetological Association Newsletter* (26): 11-15.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2013. Updated county distribution records of amphibians and reptiles in Missouri. *Missouri Herpetological Association Newsletter* (26): 16-74.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2014. Checklist of Missouri Amphibians and Reptiles for 2013 (by county). <<http://atlas.moherp.org/countyList>>
- Daniel, R.E., B.S. Edmond and J.T. Briggler. 2014. New herpetological distribution records for Missouri in 2014. *Missouri Herpetological Association Newsletter* (27): 15-18.
- Daniel, R.E., B.S. Edmond and J.T. Briggler. 2015. New herpetological distribution records for Missouri in 2015. *Missouri Herpetological Association Newsletter* (28): 10-14.

Partial Bibliography of Missouri Herpetology

- Daniel, R.E., B.S. Edmond and J.T. Briggler. 2016. New herpetological distribution records for Missouri in 2016. *Missouri Herpetological Association Newsletter* (29): 16-19.
- Daniel, R.E., B.S. Edmond, and J.T. Briggler. 2017. Checklists of Native Missouri Amphibians and Reptiles for 2016. <<http://atlas.moherp.org/pubs/checklist16.pdf>>
- Daniel, R.E., B.S. Edmond, and T.R. Johnson. 1998. New and previously unreported records of amphibians and reptiles in Missouri for 1998. *Missouri Herpetological Association Newsletter* (11):8–17.
- Daniel, R.E., B.S. Edmond, and T.R. Johnson. 1999. New and previously unreported records of amphibians and reptiles in Missouri for 1999. *Missouri Herpetological Association Newsletter* (12):10–18.
- Daniel, R.E. and H.C. Gerhardt. 2013. Nocturnal activity in the Dusty Hog-nosed Snake, *Heterodon gloydi*, in Missouri. *Missouri Herpetological Association Newsletter* (26): 75.
- Daniel, R.E. and T.R. Johnson. 2004. New size records for three species of Missouri amphibians. *Missouri Herpetological Association Newsletter* (17): 14.
- Daniel, R.E. and T.R. Johnson. 1997. Range extension and new county record for the Wood Frog, *Rana sylvatica*, in Missouri. *Missouri Herpetological Association Newsletter* (10):70.
- Davenport, J.M. and D.S. Siegel. 2015. Geographic distribution: USA: Missouri: *Hyla cinerea*. *Herpetological Review* 46(3): 378.
- Davis, M.B. 1919. Snakes I have met. *Country Life* 35:104-106.
- Davis, M.S. 1988. Neighbor recognition by sound in the North American Bullfrog, *Rana catesbeiana*. PhD dissertation, 70 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Davis, S.D. 1996. Reproduction and diet of *Kinosternon odoratum* inhabiting a cold water reservoir in southwest Missouri. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Davis, J.L. and D.M. Welchert. 2013. *Pantherophis vulpinus*: Predation. *Herpetological Review* 44(3): 525-526.
- Dazet, N.C. 2010. Chemical signals in vertebrate predator-prey systems involving Common Musk Turtles, *Sternotherus odoratus*, Cottonmouths, *Agkistrodon piscivorus*, and Common Snapping Turtles, *Chelydra serpentina*. Missouri State University Thesis. Advisor: D. Moll.
- Dazet, N. and D. Moll. 2014. Chemical signals in vertebrate predator-prey systems involving Common Musk Turtles, *Sternotherus odoratus*, and their predators. *Journal of North American Herpetology* 2014(1): 69-75.
- Diekamp, B. 1990. Processing of acoustic parameters relevant to species-specific call recognition in the midbrain of the Gray Treefrog, *Hyla versicolor*. PhD dissertation. 196 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Dierenfeld, E.S., K.J. McGraw, K. Fritsche, J.T. Briggler, and J. Ettl. 2009. Nutrient composition of whole crayfish (*Orconectes* and *Procambarus* species) consumed by hellbender (*Cryptobranchus alleganiensis*). *Herpetological Review* 40(3): 324-330.
- Doherty, J.A. 1982. Acoustic communication in interspecific hybrids between the Gray

Partial Bibliography of Missouri Herpetology

- Treefrog, *Hyla chrysoscelis*, and the Pinewoods Treefrog, *Hyla femoralis* (Anura: Hylidae). PhD dissertation. 156 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Dolan, C.R., J.T. Lamer, and J.K. Tucker. 2006. Geographic distribution. *Rana sphenocephala*. *Herpetological Review* 37: 102.
- Dolan, C.R., J.T. Lamer, J.K. Tucker, and E.J. Gittinger. 2006. Geographic distribution. *Graptemys ouachitensis*. *Herpetological Review* 37: 105.
- Drake, D.A., T.L. Anderson, L.M. Smith, K.M. Lohraff, and R.D. Semlitsch. 2014. Predation of eggs and recently hatched larvae of endemic Ringed Salamanders (*Ambystoma annulatum*) by native and introduced aquatic predators. *Herpetologica* 70(4): 378-387.
- Drake, D.L., A. Drayer and S.E. Trauth. 2007. *Bufo americanus*: Algal symbiosis. *Herpetological Review* 38: 435-436.
- Drake, D.L. and K.M. O'Donnell. 2014. Sampling of terrestrial salamanders reveals previously unreported atypical morphs in the Southern Red-backed Salamander *Plethodon serratus*. *American Midland Naturalist* 171(1): 172-177.
- Drake, D.L., K. O'Donnell and B. Ousterhout. 2012. *Plethodon serratus*: Cicada burrow use. *Herpetological Review* 43(2): 318-319.
- Drake, D.L. and B. Ousterhout. 2011. Summer breeding of the Southern Leopard Frog, *Rana sphenocephala* (= *Lithobates sphenocephalus*) in southern Missouri. *Missouri Herpetological Association Newsletter* (24): 21-22.
- Drake, D.L., B.H. Ousterhout, J.R. Johnson, T.L. Anderson, W.E. Peterman, C.D. Shulse, D.J. Hocking, K.L. Lohraff, E.B. Harper, T.A.G. Rittenhouse, B.B. Rothermel, L.S. Eggert and R.D. Semlitsch. 2015. Pond-breeding amphibian community composition in Missouri. *The American Midland Naturalist* 174(1): 180-187.
- Dunn, D.D. 1995. Range extension of the Western Lesser Siren, *Siren intermedia nettingi*. *Missouri Herpetological Association Newsletter* (8):13.
- Durbian, F.E. 2006. Effects of mowing and summer burning on the massasauga (*Sistrurus catenatus*). *American Midland Naturalist* 155: 329-334.
- Durbian, F.E., J.L. Lehmer and J.T. Briggler. 2001. Geographic distribution: *Emydoidea blandingii*. *Herpetological Review* 32: 117.
- Durbian, F.E., R.S. King, T. Crabill, H. Lambert-Doherty, and R.A. Seigel. 2008. Massasauga home range patterns in the Midwest. *Journal of Wildlife Management* 72(3): 754-759.
- Earl, J.E. 2012. The effects of spatial subsidies on pond ecosystems and amphibians. PhD Dissertation. University of Missouri, Columbia, MO. Advisor: R.D. Semlitsch.
- Earl, J.E., K.E. Cohagen and R.D. Semlitsch. 2012. Effects of leachate from different species of tree leaves and grass litter on tadpoles. *Environmental Toxicology and Chemistry* 31(7): 1511-1517.
- Earl, J.E. and R.D. Semlitsch. 2013. Spatial subsidies, trophic state, and community structure: examining the effects of leaf litter input on ponds. *Ecosystems* DOI 10.1007/s10021-013-9639-2.
- Earl, J.E. and R.D. Semlitsch. 2012. Reciprocal subsidies in ponds: Does leaf input increase frog biomass export? *Oecologia* 170(4): 1077-1087.
- Early, J.D. 1973. The effect of adrenal hormones on plasma electrolyte levels in

Partial Bibliography of Missouri Herpetology

- Thamnophis sirtalis* after *Bufo marinus* parotid venom ingestion. Southwest Missouri State University Thesis. Advisor: R.L. Philibert.
- Easterla, D.A. 1967. Black Rat Snake preys upon Gray Myotis and winter observations of Red Bats. *American Midland Naturalist* 77:527-528.
- Easterla, D.A. and M.D. Meadows. 1993. The Northern Prairie Skink rediscovered in Missouri, the last recorded occurrence of the Smooth Green Snake for Missouri, plus a Missouri range extension for the Northern Spring Peeper. *Bluebird* 60:105-109.
- Easterla, D.A. and D.D. Sleep. 1999. Records of reptiles from northwestern Missouri, including county range extensions for the Northern Prairie Skink (*Eumeces septentrionalis*). *Missouri Herpetological Association Newsletter* (12):19–21.
- Edmond, B.S. 1992. Geographic distribution: *Ambystoma maculatum*. *Herpetological Review* 23:121.
- Edmond, B.S. 1992. Geographic distribution: *Ambystoma texanum*. *Herpetological Review* 23:121.
- Edmond, B.S. 1992. Geographic distribution: *Ambystoma tigrinum tigrinum*. *Herpetological Review* 23:121.
- Edmond, B.S. 1992. Geographic distribution: *Notophthalmus viridescens louisianensis*. *Herpetological Review* 23:122.
- Edmond, B.S. 1993. Geographic distribution: *Ambystoma opacum*. *Herpetological Review* 24:63.
- Edmond, B.S. 1993. Geographic distribution: *Rana clamitans melanota*. *Herpetological Review* 24:67.
- Edmond, B.S. 1993. Geographic distribution: *Eumeces fasciatus*. *Herpetological Review* 24:66.
- Edmond, B.S. 1993. Geographic distribution: *Scincella lateralis*. *Herpetological Review* 24:67.
- Edmond, B.S. 1993. Geographic distribution: *Nerodia rhombifer*. *Herpetological Review* 24:68.
- Edmond, B.S. 1993. Geographic distribution: *Nerodia sipedon sipedon*. *Herpetological Review* 24:68.
- Edmond, B.S. 1993. Geographic distribution: *Regina grahamii*. *Herpetological Review* 24:67.
- Edmond, B.S. 1993. Geographic distribution: *Storeria occipitomaculata occipitomaculata*. *Herpetological Review* 24:68.
- Edmond, B.S. 1993. Geographic distribution: *Tantilla gracilis*. *Herpetological Review* 24:68-9.
- Edmond, B.S. 1993. Geographic distribution: *Virginia valeriae*. *Herpetological Review* 24:69.
- Edmond, B.S. 2003. Observation of shrike predation on a western chorus frog. *Missouri Herpetological Association Newsletter* (16): 16-17.
- Edmond, B.S. 2008. Possible mating mismatch in Madison County Missouri? *Missouri Herpetological Association Newsletter* (20): 14.
- Edmond, B.S. 2010. Attempted predation of a hatchling North American Racer (*Coluber constrictor*) by a hatchling Texas Ratsnake (*Pantherophis obsoletus*) in Missouri. *Missouri Herpetological Association Newsletter* (23): 11-12

Partial Bibliography of Missouri Herpetology

- Edmond, B.S. 2011. Successful hatching from an unusually large racer (*Coluber constrictor*) clutch. *Missouri Herpetological Association Newsletter* (24): 22-25.
- Edmond, B.S. 2015. Scavenging behavior in the Three-toed Box Turtle (*Terrapene carolina*). *Missouri Herpetological Association Newsletter* (28): 15.
- Edmond, B.S. 2015. Two Five-lined Skink (*Plestiodon fasciatus*) clutches. *Missouri Herpetological Association Newsletter* (28): 16-17.
- Edmond, B.S. 2017. Missouri Herpetological Association. <<http://mha.moherp.org/>> Accessed: 2 February 2017.
- Edmond, B.S. and L.M. Bowe. 2012. Predation of an adult Blanchard's Cricket Frog (*Acris blanchardi*) by a juvenile Northern Watersnake (*Nerodia sipedon*) in Missouri. *Missouri Herpetological Association Newsletter* (25): 21-22.
- Edmond, B.S. and R. Daniel. 2001. Maximum Size Records for Amphibians and Reptiles in Missouri. *Missouri Herpetological Association Newsletter* (14): 15-16.
- Edmond, B.S. and R.E. Daniel. 2002. The Missouri Herpetological Atlas Project (MOHAP): An Introduction. <<http://atlas.moherp.org/pubs/mohap02.pdf>> (presentation)
- Edmond, B.S. and R.E. Daniel. 2006. Herpetology Halloween: Unnatural Occurrences at the Missouri / Kansas Border. <<http://atlas.moherp.org/pubs/khs06.pdf>> (presentation)
- Edmond, B.S. and R.E. Daniel. 2007. Herpetology Halloween: Unnatural Occurrences at the Missouri / Kansas Border or Why We Should Be Working with Other States to Understand Species Distributions in Missouri. <<http://atlas.moherp.org/pubs/mha07.pdf>> (presentation)
- Edmond, B.S. and R.E. Daniel. 2007. Texas Garter snakes in the Ozarks? *Missouri Herpetological Association Newsletter* (20): 24-25.
- Edmond, B.S. and R.E. Daniel. 2010. Aerial basking behavior in Missouri eastern musk turtles (*Sternotherus odoratus*). *Missouri Herpetological Association Newsletter* (23): 10-11.
- Edmond, B.S. and R.E. Daniel. 2014. A new kingsnake for Missouri and some comments on the biogeography of southeast Missouri. *Missouri Herpetological Association Newsletter* (27): 18-21.
- Edmond, B.S. and R.E. Daniel. 2017. Missouri Herpetological Atlas Project. <<http://atlas.moherp.org/>> Accessed: 2 February 2017.
- Ernst, C.H. 1988. *Chrysemys*. *Catalogue of American Amphibians and Reptiles* 438.1-438.8.
- Ernst, C.H. 2002. *Storeria occipitomaculata*. *Catalogue of American Amphibians and Reptiles* 759.1-759.8.
- Ernst, C.H. 2012. *Storeria*. *Catalogue of American Amphibians and Reptiles* 900: 1-14.
- Ernst, C.H. and E.M. Ernst. 2003. *Snakes of the United States and Canada*. Smithsonian Books. Washington, D.C.
- Ernst, C.H., J.W. Gibbons, and M.E. Dorcas. 2002. *Regina*. *Catalogue of American Amphibians and Reptiles* 756.1-756.4.
- Ernst, C.H. and J.F. McBreen. 1991. *Terrapene*. *Catalogue of American Amphibians and Reptiles* 511.1-511.6.
- Ernst, C.H. and J.F. McBreen. 1991. *Terrapene carolina*. *Catalogue of American Amphibians and Reptiles* 512.1-512.13.

Partial Bibliography of Missouri Herpetology

- Ernst, C.H., J.M. Orr, and T.R. Creque. 2003. *Carphophis*. *Catalogue of American Amphibians and Reptiles* 773.1-773.2.
- Ernst, C.H., J.M. Orr, and T.R. Creque. 2003. *Carphophis vermis*. *Catalogue of American Amphibians and Reptiles* 775.1-775.4.
- Essner, R.L. and R.W. Axtell. 2008. Geographic Distribution: *Diadophis punctatus*. *Herpetological Review* 39: 240-241.
- Essner, R.L., P.E. Brunkow, R. Patel, D.L. Huff and J.H. Robins. 2008. Geographic Distribution: *Notophthalmus viridescens louisianensis*. *Herpetological Review* 39: 232.
- Essner, R.L. and A.J. Hendershott. 1996. County records for reptiles and amphibians in Missouri found in the vertebrate museum at Southeast Missouri State University. *Herpetological Review* 27:218.
- Essner, R.L., A.J. Hendershott., and J.S. Scheibe. 1995. LCTA Wets Site, Wappapello, Butler County, Missouri. *Missouri Herpetological Association Newsletter* (8):15.
- Ettling, J. 1988. Geographic distribution: *Agkistrodon piscivorus leucostoma*. *Herpetological Review* 19:60.
- Ettling, J.A., and J.T. Briggler. 2013. Conservation efforts for the endangered Ozark hellbender. *World Association of Zoos and Aquariums* 14:30-32.
- Ettling, J.A., M.D. Wanner, A.S. Pedigo, J.L. Kenkel, K.R. Noble and J.T. Briggler. 2017. Augmentation programme for the endangered Ozark hellbender *Cryptobranchus alleganiensis bishopi* in Missouri. *International Zoo Yearbook* 51: 1-8.
- Ettling, J.A., M.D. Wanner, C.D. Schuette, S.L. Armstrong, A.S. Pedigo, and J.T. Briggler. 2013. Captive reproduction and husbandry of adult Ozark Hellbenders, *Cryptobranchus alleganiensis bishopi*. *Herpetological Review* 44(4): 605-610.
- Evans, W.L. 2012. Effects of temperature on foraging, endurance, and sprint speed in *Agkistrodon piscivorus* and *Nerodia sipedon*. Missouri State University Thesis. Advisor: B. Greene.
- Fairbanks, M. W. and S. R. Overmann. 1995. Green treefrog (*Hyla cinerea*) breeding success in rice fields: The effects of pesticide use and draining. Missouri Department of Conservation.
- Fatemi, M.D. 2010. Growth rate and performance effects on watersnakes (*Nerodia sipedon*) from dietary exposure to heavy metals. Missouri State University Thesis. Advisor: B. Greene.
- Feist, S.M. 2013. Hellbender (*Cryptobranchus alleganiensis*) gene flow within rivers of the Missouri Ozark highlands. MA Thesis. University of Missouri, Columbia. Advisor: L.S. Eggert.
- Feist, S.M., J.T. Briggler, J.B. Koppelman, and L.S. Eggert. 2014. Within-river gene flow in the hellbender (*Cryptobranchus alleganiensis*) and implication for restorative release. *Conservation Genetics* 15: 953-966 (doi: 10.1007/s10592-014-0591-2).
- Femmer, S.R. 1978. Distribution and life history studies of *Scaphiopus bombifrons* (Cope) and *Bufo cognatus* Say in Missouri. MA thesis. 59 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Fitzgerald, E.C. 1994. Habitat suitability index models for three threatened snake species in an urban county. MA thesis. 106 p. University of Missouri-Columbia. Advisor: C. Nilon.
- Fobes, T. 1995. A diurnal habitat analysis of the Ozark Hellbender. Southwest Missouri

Partial Bibliography of Missouri Herpetology

- State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Fobes, T. and R. F. Wilkinson, Jr. 1995. Summer, diurnal habitat analysis of the Ozark Hellbender, *Cryptobranchus alleganiensis bishopi*, in Missouri. Missouri Department of Conservation.
- Fontanella, F.M., C.R. Feldman, M.E. Siddall and F.T. Burbrink. 2008. Phylogeography of *Diadophis punctatus*: Extensive lineage diversity and repeated patterns of historical demography in a trans-continental snake. *Molecular Phylogenetics and Evolution* 46: 1049-1070.
- Ford, D. 1999. Foraging ecology and demography of *Sternotherus odoratus* in a southwestern Missouri population. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Ford, D.K. and D. Moll. 2004. Sexual and seasonal variation in foraging patterns in the stinkpot, *Sternotherus odoratus*, in southwestern Missouri. *Journal of Herpetology* 38: 296-301.
- Frese, P.W. 2000. Growth, population structure, and movements of *Siren intermedia* in an intensively managed wetland. Southwest Missouri State University Thesis. Advisor: S.A. Mathis.
- Frese, P.W. 2000. Notes on the ecology of the northern crayfish frog (*Rana areolata circulosa*) in southwest Missouri. *Missouri Herpetological Association Newsletter* (13): 20-21.
- Frese, P.W. 2001. Observations on the herpetofaunal community of a natural marsh in northern Missouri. *Missouri Herpetological Association Newsletter* (14): 13-14.
- Frese, P.W. 2001. *Herpetological Thesis From Northwest Missouri State University. Missouri Herpetological Association Newsletter* (14): 21.
- Frese, P.W. 2003. Tallgrass prairie amphibian and reptile assemblage. Fire mortality. *Herpetological Review* 34: 159-160.
- Frese, P.W. and E. Britzke. 2001. *Siren intermedia nettingi*: Predation. *Herpetological Review* 32: 99.
- Frese, P.W., A. Mathis, and R. Wilkinson. 2003. Population characteristics, growth, and spatial activity of *Siren intermedia* in an intensively managed wetland. *Southwestern Naturalist* 48: 532-542.
- Frese, P.W. and A.M. Sullivan. 2000. *Rana areolata circulosa*. Vocalization. *Herpetological Review* 31:101.
- Friesen, R. R. 2017. Spatial learning of shelter locations and associative learning of a foraging task in the Cottonmouth, (*Agkistrodon piscivorus*). Missouri State University Thesis. Advisor: B. Greene.
- Gabor, C.R. and C.C. Nice. 2004. Genetic variation among populations of eastern newts, *Notophthalmus viridescens*: A preliminary analysis based on allozymes. *Herpetologica* 60: 373-386.
- Gall, B. G. 2008. Predator-prey interactions between Hellbenders (*Cryptobranchus alleganiensis alleganiensis* and *C.a. bishopi*) and native and nonnative fishes. Missouri State University Thesis. Advisor: A. Mathis.
- Gall, B.G., A.L. Crane and A. Mathis. 2010. *Cryptobranchus alleganiensis alleganiensis*: Secretion production. *Herpetological Review* 41(1): 59.
- Gall, B. G., and A. Mathis. 2009. Innate predator recognition in larval hellbenders (*Cryptobranchus alleganiensis*) and the problem of introduced trout. *Ethology*

- 116:47-58.
- Gamble, T., P.B. Berendzen, H.B. Shaffer, D.E. Starkey, and A.M. Simons. 2008. Species limits and phylogeography of North American cricket frogs (*Acris*: Hylidae). *Molecular Phylogenetics and Evolution* 48: 112-125.
- Gayou, D.C. 1980. The effects of temperature on the mating calls of Gray Treefrogs. MA thesis. 61 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- George, A.D., G.M. Connette, F.R. Thompson III and J. Faaborg. 2017. Resource selection by an ectothermic predator in a dynamic thermal landscape. *Ecology and Evolution* 7(22): 9193-9844.
- George, A.D., F.R. Thompson III and J. Faaborg. 2015. Isolating weather effects from seasonal activity patterns of a temperate North American colubrid. *Oecologia* 178: 1251-1259.
- Gerhardt, H.C. 1974. Vocalizations of some hybrid treefrogs: acoustic and behavioural analyses. *Behaviour* 49:130-151.
- Gerhardt, H.C. 1982. Sound pattern recognition in some North American treefrogs (Anura: Hylidae): implications for mate choice. *American Zoologist* 22:581-595.
- Gerhardt, H.C. 1991. Female mate choice in treefrogs: static and dynamic acoustic criteria. *Animal Behavior* 42:615-635.
- Gerhardt, H.C. 2005. Advertisement-call preferences in diploid-tetraploid treefrogs (*Hyla chrysoscelis* and *Hyla versicolor*): implications for mate choice and the evolution of communication systems. *Evolution* 59: 395-408.
- Gerhardt, H.C. 2005. Acoustic spectral preferences in cryptic species of gray treefrogs: implications for mate choice and sensory mechanisms. *Animal Behavior* 70: 39-49.
- Gerhardt, H.C. and J.A. Dougherty. 1988. Acoustic communication in the gray treefrog, *Hyla versicolor*: Evolutionary and neurobiological implications. *Journal of Comparative Physiology A* 162:261-278.
- Gerhardt, H.C., C.C. Martinez-Rivera, J.J. Schwartz, V.T. Marshal, and C.G. Murphy. 2007. Preferences based on spectral differences in acoustic signals in four species of treefrogs (Anura: Hylidae). *Journal of Experimental Biology* 210: 2990-2998.
- Gerhardt, H.C., M.B. Ptacek, L. Barnett, and K.G. Torke. 1994. Hybridization in the diploid-tetraploid treefrogs *Hyla chrysoscelis* and *Hyla versicolor*. *Copeia* 1994:51-59.
- Gerhardt, H.C. and J. Schul. 1999. A quantitative analysis of behavioral selectivity for pulse-rise time in the Gray Treefrog, *Hyla versicolor*. *Journal of Comparative Physiology A* 185:33-40.
- Gerhardt, H.C., S.D. Tanner, C.M. Corrigan and H.C. Walton. 2000. Female preference functions based on call duration in the gray treefrog (*Hyla versicolor*). *Behavioral Ecology* 11: 663-669.
- Gibbs, S.R. 1989. Brain arterial-venous percentage changes in plasma glucose, ketone bodies, lactate, and alanine in the adult American Bullfrog (*Rana catesbeiana*). MA thesis. 54 p. University of Missouri-Columbia. Advisor: R. de Roos.
- Gibbons, J.W. and S.S. Novak. 1988. *Chelydra*. *Catalogue of American Amphibians and Reptiles* 419.1-419.4.
- Gibbons, J.W., S.S. Novak, and C.H. Ernst. 1988. *Chelydra serpentina*. *Catalogue of*

Partial Bibliography of Missouri Herpetology

- American Amphibians and Reptiles* 420.1-420.4.
- Glorioso, B.M., A.J. Vaughn and J.H. Waddle. 2010. The aquatic turtle assemblage inhabiting a highly altered landscape in southeast Missouri. *Journal of Fish and Wildlife Management* 1(2): 161-168.
- Gloyd, H.K. 1938. Story book snakes and snake stories. *Chicago Naturalist* 1:121-123.
- Gordon, N.M. 2004. The effect of supplemental feeding on the territorial behavior of the green frog (*Rana clamitans*). *Amphibia-Reptilia* 25: 55-62.
- Gordon, N.M. and M. Hellman. 2015. Dispersal distance, gonadal steroid levels, and body condition in Gray Treefrogs (*Hyla versicolor*): seasonal and breeding night variation in females. *Journal of Herpetology* 49(4): 655-661.
- Graves, J. and M.J. Jones. 1995. Amphibians and reptiles of Ted Shanks Conservation Area, Pike County, Missouri. *Missouri Herpetological Association Newsletter* (8):14.
- Green Rittenhouse, T.A. 2002. Spotted salamander migration at a pond located on a forest- grassland edge. MA Thesis. University of Missouri, Columbia, MO.
- Green, M.D. 2006. Nest emergence and chemosensory mediated predator avoidance: two studies of behavior in the Red-Eared Slider (*Trachemys scripta elegans*). Missouri State University Thesis. Advisor: D. Moll.
- Greenbaum, E. and D.M. Davis. 2006. Geographic distribution. *Storeria dekayi wrightorum*. *Herpetological Review* 37: 109.
- Greene, B.D. 1988. Growth, conversion efficiency, and reaction to prey stimuli of the Copperhead, *Agkistrodon contortrix*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Greene, B.D. 1988b. Geographic distribution: *Ambystoma opacum*. *Herpetological Review* 19:60.
- Greene, B.D. 2000. Addendum: *Herpetological* theses at Southwest Missouri State University. *Missouri Herpetological Association Newsletter* (13): 23-25.
- Griffin, A.D., F.E. Durbian and R.L. Bell. *Elaphe vulpina*: Habitat use. *Herpetological Review* 38: 206-207.
- Guffey, C.A. 1994. Oxygen uptake as an indicator or metabolic rate in a neotenic population of *Eurycea multiplicata*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Guiher, T.J. and F.T. Burbrink. 2008. Demographic and phylogeographic histories of two venomous North American snakes of the genus *Agkistrodon*. *Molecular Phylogenetics and Evolution* 48: 543-553.
- Guttman, D, J.E. Bramble, and O.J. Sexton. 1991. Observations on the breeding immigration of wood frogs *Rana sylvatica* reintroduced in east-central Missouri. *American Midland Naturalist* 125: 269-274.
- Hallowell, E. 1854. The committee on Dr. Hallowell's descriptions of new reptiles, reported in favor of publication in the Proceedings. *Proceedings of the Academy of Natural Science in Philadelphia* 6:180.
- Hamilton, M.B. 2003. Northern watersnakes, *Nerodia sipedon sipedon*, on the lower Missouri River, Clark (sic) County, Missouri. *Chicago Herpetological Society Bulletin* 38: 220-221. Note: An erratum appearing in the December issue of the Bulletin places the locality in St. Louis Co., MO.
- Harlan, R.A. 1978. The effects of dissolved oxygen content of water on blood pH,

- pCO₂, pO₂, and rocking activity for *Cryptobranchus alleganiensis*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Harlan, R.A. and R.F. Wilkinson. 1981. The effects of progressive hypoxia and rocking activity on blood oxygen tension for Hellbenders, *Cryptobranchus alleganiensis*. *Journal of Herpetology* 14 :383-387.
- Harper, E.B. 2007. The role of terrestrial habitat in the population dynamics and conservation of pond-breeding amphibians. PhD Dissertation. University of Missouri-Columbia.
- Harper, E.B., T.A.G. Rittenhouse and R.D. Semlitsch. 2008. Demographic consequences of terrestrial habitat loss for pond-breeding amphibians: Predicting extinction risks associated with inadequate size of buffer zones. *Conservation Biology* 22: 1205-1215.
- Harper, E.B. and R.D. Semlitsch. 2007. Density dependence in the terrestrial life history stage of two anurans. *Oecologia* 153(4): 879-889.
- Hathaway, L.M. 1969. Microdistribution and behavior of the collared lizard with special reference to structure. Washington University Ph.D Dissertation. 113 p. Advisor: O.J. Sexton.
- Heeb, A.B. 2006. Geographic distribution. *Sceloporus undulatus consobrinus*. *Herpetological Review* 37: 102.
- Helton, E.J. 2013. Learning of dietary cues by embryos and larvae of Ringed Salamanders (*Ambystoma annulatum*). Missouri State University Thesis. Advisor: A. Mathis.
- Hendershott, A.J. 1996. Amphibians and reptiles of southeastern Missouri. *Missouri Herpetological Association Newsletter* (9):18.
- Henning, W.L. 1937. Zoological reconnaissance of the Ashland Area with special reference to the vertebrates. MA thesis. 153 p. University of Missouri-Columbia. University of Missouri-Columbia. Advisor: R. Bennitt.
- Henshaw, S.H. 1994. Chromosomes and calls: does polyploidy in Gray Treefrogs explain the differences in advertisement calls? MA thesis. 111 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Herbeck, L.A. and D.R. Larsen. 1999. Plethodontid salamander response to silvicultural practices in Missouri Ozark forests. *Conservation Biology* 13: 623-632.
- Herbeck, L.A. and R.D. Semlitsch. 2000. Life history and ecology of the Southern Redback Salamander, *Plethodon serratus*. *Journal of Herpetology* 34:341–347.
- Herman, C.A. 1974. The effects of epinephrine and norepinephrine on plasma glucose and hematocrit levels in the American Bullfrog, *Rana catesbeiana*. PhD dissertation, 121 p. University of Missouri-Columbia. Advisor: R.M. deRoos
- Hernández-Gómez, O., S. J. A. Kimble, J.T. Briggler and R.N. Williams. 2016. Characterization of the cutaneous bacterial communities of two giant salamander subspecies. *Microbial Ecology* DOI 10.1007/s00248-016-0859-9 10p.
- Hickman, C. 2002. Response of salamanders to chemical stimuli from predators in natural habitats. Southwest Missouri State University Thesis. Advisor: A. Mathis.
- Hickman, C.R, M.D. Stone, and A. Mathis. 2004. Priority use of chemical over visual cues for detection of predators by graybelly salamanders, *Eurycea multiplicata griseogaster*. *Herpetologica* 60: 203-210.
- Highton, R. 1986. *Plethodon serratus*. *Catalogue of American Amphibians and Reptiles*

Partial Bibliography of Missouri Herpetology

- 394.1-394.2.
- Höbel, G. 2005. *Rana clamitans* (Green Frog) and *Rana catesbeiana* (Bullfrog). Reproduction. *Herpetological Review* 36: 439-440.
- Hocking, D.J. 2007. Gray treefrog breeding site selection and offspring performance in response to forest management. MA Thesis. University of Missouri-Columbia.
- Hocking, D.J., G.M. Connette, C.A. Conner, B.R. Scheffers, S.E. Pittman, W.E. Peterman and R.D. Semlitsch. 2013. Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. *Forest Ecology and Management* 287: 32-39.
- Hocking, D.J., T.A.G. Rittenhouse, B.B. Rothermel, J.J. Johnson, C.A. Conner, E.B. Harper and R.D. Semlitsch. 2008. Breeding and recruitment phenology of amphibians in Missouri oak-hickory forests. *American Midland Naturalist* 160: 41-60.
- Hocking, D.J. and R.D. Semlitsch. 2007. Effects of timber harvest on breeding-site selection by gray treefrogs (*Hyla versicolor*). *Biological Conservation* 138: 506-513.
- Hocking, D.J. and R.D. Semlitsch. 2008. Effects of experimental clearcut logging on gray treefrog (*Hyla versicolor*) tadpole performance. *Journal of Herpetology* 42: 689-698.
- Hoffman, A.S. 2012. Occupancy and detection rates of salamanders in association with altered water regimes at Mingo National Wildlife Refuge in southeastern Missouri. Missouri State University Thesis. Advisor: B. Greene.
- Hogan, K.D. and D.D. Smith. 1997. Geographic distribution. *Kinosternon flavescens flavescens*. *Herpetological Review* 28:94.
- Hogan, K.D. and D.D. Smith. 1998. *Lampropeltis calligaster calligaster*. Albinism. *Herpetological Review* 29:104.
- Holder, T. 1988. Movement and life history aspects of the Pygmy Rattlesnake in southwest Missouri. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Holloway, A.K., D.C. Canatella, H.C. Gerhardt and D.M. Hillis. 2006. Polyploids with different origins and ancestors form a single sexual polyploidy species. *American Naturalist* 167: E88-E101.
- Hooper, E.D., Jr. and T. Elmeer. 1996. New Missouri records of amphibians and reptiles and additional observations resulting from an inventory and monitoring project. *Missouri Herpetological Association Newsletter* (9):15-17.
- Hoover, G.L. 1992. Herps of the tallgrass prairie. *Missouri Prairie Journal* 13(2):6.
- Huang, C., Y. Xu, J.T. Briggler, M. McKee, P. Nam, and Y. Hang. 2010. Heavy metals, hematology, plasma chemistry and parasites in adult hellbenders (*Cryptobranchus alleganiensis*). *Environmental Toxicology and Chemistry* 29(5): 1132-1137.
- Hubbs, B. 2011. Geographic Distribution: *Lampropeltis triangulum sypila*. *Herpetological Review* 42(1): 114.
- Hubbs, B. 2012. Geographic distribution: *Apalone mutica*. *Herpetological Review* 43(3): 441.
- Hubbs, B. 2015. Geographic distribution: USA: Missouri: *Graptemys pseudogeographica*. *Herpetological Review* 46(4): 565.

Partial Bibliography of Missouri Herpetology

- Humfeld, S.C. 2003. Signaling, intersexual dynamics and adoption of alternative mating tactics in green treefrogs, *Hyla cinerea*. PhD Dissertation. University of Missouri-Columbia. 236p.
- Humfeld, S.C. 2013. Condition-dependent signaling and adoption of mating tactics in an amphibian with energetic displays. *Behavioral Ecology* 24(4): 859-870.
- Humfeld, S.C. and B. Grunert. 2015. Effects of temperature on spectral preferences of female Gray Treefrogs (*Hyla versicolor*). *Herpetological Conservation and Biology* 10(3): 1013-1020.
- Hunt, R.L. 2011. Behavioral and metabolic responses of juvenile Spotted Salamanders (*Ambystoma maculatum*) to alarm cues from damaged skin and predator diet. Missouri State University Thesis. Advisor: A. Mathis.
- Huser, C.F. 1986. A study of seasonal histological changes in the digestive tract of *Chelydra serpentina* under natural and experimental conditions as a possible role of accessory respiration. PhD dissertation. 99 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Hutcherson, J.E. 1985. Growth and metamorphosis of the Ringed Salamander. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Hutcherson, J.E., C.L. Peterson, and R.F. Wilkinson. 1989. Reproductive and larval biology of *Ambystoma annulatum*. *Journal of Herpetology* 14:181-183.
- Hutchison, D.W. 1997. Population genetic consequences of the Holocene invasion of the Ozarks and Flint Hills by the eastern collared lizard (*Crotaphytus collaris collaris*) with subsequent habitat fragmentation. Washington University Ph.D Dissertation. 305 p. Co-Advisors: A.R. Templeton, J.B. Losos.
- Ingersol, C.A. 1982. Seasonal reproductive changes in *Cryptobranchus alleganiensis*. MS Thesis, Southwest Missouri State Univ., Springfield.
- Jackson, N.D. and C.C. Austin. 2010. The combined effects of rivers and refugia generate extreme cryptic fragmentation within the common ground skink (*Scincella lateralis*). *Evolution* 64 (2): 409-428.
- James, S. 2004. Amphibian metamorphosis and juvenile terrestrial performance following chronic cadmium exposure in the aquatic environment. Ph.D. Dissertation. University of Missouri-Columbia.
- Jensen, E.L., P. Govindarajulu and M.A. Russello. 2015. Genetic assessment of taxonomic uncertainty in painted turtles. *Journal of Herpetology* 49(2): 314-324.
- Johnson, J.R. 2004. Fall breeding of the southern leopard frog (*Rana sphenoccephala*) in Central Missouri. *Missouri Herpetological Association Newsletter* (17): 14-16.
- Johnson, J.R. 2005. Multi-scale investigations of gray treefrog movements: Patterns of migration, dispersal, and gene flow. 261p. Ph.D Dissertation. University of Missouri-Columbia.
- Johnson, J.R. 2005. A novel pipe-trap designed to capture the gray treefrog (*Hyla versicolor*). *Herpetological Review* 36: 274-277.
- Johnson, J.R. 2005. *Hyla versicolor* (Gray Treefrog). Record size. *Herpetological Review* 36: 302.
- Johnson, J.R., R.D. Mahan and R.D. Semlitsch. 2008. Seasonal terrestrial microhabitat use by gray treefrogs (*Hyla versicolor*) in Missouri oak-hickory forests. *Herpetologica* 64: 259-269.
- Johnson, J.R. and R.D. Semlitsch. 2003. Defining core habitat of local populations of

Partial Bibliography of Missouri Herpetology

- the gray treefrog (*Hyla versicolor*) based on choice of oviposition site. *Oecologia* 137: 205-210.
- Johnson, T.R. 1987. The amphibians and reptiles of Missouri. Missouri Dept. Conservation, Jefferson City.
- Johnson, T.R. 1987. Missouri's water snakes ...a closer look. *Missouri Conservationist* 48(6):4-7.
- Johnson, T.R. 1988. Missouri wood frogs ...an update. *Missouri Conservationist* 49(2):32.
- Johnson, T.R. 1988. Frogging ...it's all in the timing. *Missouri Conservationist* 49(7):11.
- Johnson, T.R. 1988. Where are all the baby turtles? *Missouri Conservationist* 49(8):25.
- Johnson, T.R. 1990. Additions and changes to Missouri's rare and endangered species list: amphibians and reptiles. *Missouri Herpetological Association Newsletter* (3):9.
- Johnson, T.R. 1991. Toads of Missouri. *Missouri Conservationist* 52(5):12-17
- Johnson, T.R. 1991. Have you seen this lizard? Great Plains Skink. *Missouri Prairie Journal* 12(2):5.
- Johnson, T.R. 1992. Cave creepy crawlies. *Missouri Conservationist* 53(12):22-25.
- Johnson, T.R. 1993. The wild side: most Missouri lizards have a surprise for predators that try to catch them. *Missouri Conservationist* 54(5):30.
- Johnson, T.R. 1995. Alligator adventures. *Missouri Conservationist* (Nov.):18-21.
- Johnson, T.R. 1997. The Northern Crawfish Frog. *Missouri Prairie Journal* 18(2):6.
- Johnson, T.R. 1998. Prairie skinks in Missouri. *Missouri Prairie Journal* 19(1):12-13.
- Johnson, T.R. 1998. Missouri's other prairie lizards. *Missouri Prairie Journal* 19(1):13.
- Johnson, T.R. 1999. Missouri copperheads. *Missouri Conservationist* 60(5):17-22.
- Johnson, T.R. 2000. The Amphibians and Reptiles of Missouri. 2nd ed. Missouri Dept. Conservation, Jefferson City.
- Johnson, T.R. 2006. Box turtles and people. *Missouri Conservationist* 67(7): 4-9.
- Johnson, T.R. 2006. Missouri's constrictors. *Missouri Conservationist* 67(12): 10-15.
- Johnson, T.R. 2007. Tiny snakes. *Missouri Conservationist* 68(5): 24-31.
- Johnson, T.R. and J. Berringer. 1996. Common snapping turtles: catching, cleaning, eating. *Missouri Conservationist* 57(6):24-27.
- Johnson, T.R. and R. Powell. 1988. New records of amphibians and reptiles in Missouri for 1988. *Missouri Herpetological Association Newsletter* (1):4-8.
- Jolley, M.L., R. Powell, and D.D. Smith. 1983. Life history (coloration): *Diadophis punctatus arnyi*. *Herpetological Review* 14:119-120.
- Jones, J. M. and C. D. Shulse. 1995. A herpetofaunal survey of Ted Shanks Conservation Area in Pike County, MO. Missouri Department of Conservation.
- Kangas, D. A. 1982. Field studies of the distribution and ecology of the Illinois mud turtle in northeast Missouri. Missouri Department of Conservation.
- Kangas, D. A. 1983. The abundance and habitat use, growth and mortality of the Illinois mud turtle on Rose Pond, Clark County, MO. Missouri Department of Conservation.
- Kangas, D. A. 1997. Final report for the *Herpetological* survey of Union Ridge Conservation Area in Sullivan, Putnam, and Adair Counties, Missouri. Missouri Department of Conservation.
- Kangas, D. A., B. Miller, and D. Noll. 1980. A report on the 1980 studies of the Illinois

- mud turtle in Missouri. Missouri Department of Conservation.
- Kangas, D. A. and K.R. Palmer. 1982. Field studies of the distribution and ecology of the Illinois Mud Turtle in northeast Missouri. Missouri Department of Conservation.
- Kangas, D. A., K.R. Palmer, D. Noll, and R. Walker. 1991. Observation on the ecology and distribution of the yellow mud turtle *Kinosternon flavescens* in northeast Missouri. Missouri Department of Conservation.
- Keller, M.J. 2000. Variation in call structure of the Gray Treefrogs, *Hyla chrysoscelis* and *Hyla versicolor*: direct effects of polyploidy and biogeographic patterns. PhD dissertation. 146 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Keller, M.J. 2000. Validity of nucleolar number for identification of the diploid-tetraploid Gray Treefrogs, *Hyla chrysoscelis* and *Hyla versicolor*. *Copeia* 2000:860–862.
- Keller, M.J. and H.C. Gerhardt. 2001. Polyploidy affects call structure in gray treefrogs. *Proceedings of the Royal Society of London B* 268: 341-345.
- Kennicott, R. 1860. Proceedings of the Biology Department of the Academy of Natural Sciences of Philadelphia. *Proceedings of the Academy of Natural Science in Philadelphia* 11 :98-100.
- Kilpatrick, J.W. 1893. Feigned death in snakes. *Science* 22:208-209.
- Kilpatrick, J.W. 1893. Feigned death in snakes (reply to Baskett). *Science* 22:331.
- Kimmons, J.B. 2003. Seed dispersal by aquatic turtles. Missouri State University Thesis. Advisor: D. Moll.
- Kimmons, J.B. and D. Moll. 2010. Seed dispersal by red-eared sliders (*Trachemys scripta elegans*) and common snapping turtles (*Chelydra serpentina*). *Chelonian Conservation and Biology* 9(2): 289-294.
- King, R.L. 2005. Effects of ecological and geographical barriers on homing in Three-toed Turtles, *Terrapene carolina triunguis*. Missouri State University Thesis. Advisor: D. Moll.
- Kluhsman, M.A. 1991. Food habits of larval Ringed Salamanders, *Ambystoma annulatum*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Kofron, C. P. and A. A. Schreiber. 1982. Ecology of aquatic turtles in the northeastern Missouri marsh, with special reference to *Kinosternon flavescens* and *Emydoidea blandingii*. Missouri Department of Conservation.
- Kohlhepp, K.L. 2016. Behavioral responses by Cottonmouths (*Agkistrodon piscivorus*) to chemical and visual predator cues. Missouri State University Thesis. Advisor: B. Greene.
- Krajicek, J.J. 1989. The common snapping turtle: *Chelydra serpentina serpentina*, a bioindicator species for lead contamination in aquatic environments. Missouri Department of Conservation.
- Kramer, A.B. 2011. Effects of the aquatic to terrestrial habitat ratio on an amphibian predator and its prey. Washington University PhD Dissertation. 148 p. Advisor: T. Knight.
- Krenz, J., R.D. Semlitsch, H.C. Gerhardt, and P.A. Mahoney. 1999. Isolation and characterization of simple sequence repeat loci in the Gray Treefrog, *Hyla chrysoscelis*. *Genome* 42:676–680.
- Krohmer, R. W. 1980. The reproductive biology of the lined snake *Tropidoclonion*

- lineatum*. Saint Louis University Thesis. Advisor: R.D. Aldridge.
- Krohmer, R. W. 1985. Influence of hormones on secondary sexual characters in water snakes. Saint Louis University Ph.D. dissertation. Advisor: R.D. Aldridge.
- Krohmer, R. W. and R.D. Aldridge. 1985. Male reproductive cycle of the lined Snake (*Tropidoclonion lineatum*). *Herpetologica* 41:33-38.
- Krohmer, R. W. and R.D. Aldridge. 1985. Female reproductive cycle of the Lined Snake (*Tropidoclonion lineatum*). *Herpetologica* 41:39-44.
- Krupa, J.J. 1990. *Bufo cognatus*. *Catalogue of American Amphibians and Reptiles* 457.1-457.8.
- Larson, K.A., B.G. Gall and J.T. Briggler. 2013. The use of gastric transmitters to locate nests and study movement patterns of breeding male Ozark Hellbenders (*Cryptobranchus alleganiensis bishopi*). *Herpetological Review* 44(3): 434-439.
- Lee, J.R., R.A. Seigel, and F.E. Durbian. 2004. *Sistrurus catenatus* (Massasauga). Aggressive behavior. *Herpetological Review* 35: 72-73.
- Lehnhoff, L. 2004. Habitat use and spatial ecology of Blanding's Turtle, *Emydoidea blandingii*, on Squaw Creek National Wildlife Refuge, Mound City, Missouri. Southwest Missouri State University Thesis. Advisor: B. Greene.
- Lemmon, E.R., Alan R. Lemmon, Joseph T. Collins, and David C. Cannatella. 2008. A New North American Chorus Frog Species (*Pseudacris*: Hylidae: Amphibia) from the South-Central United States. *Zootaxa* 1675: 1-30.
- Lemmon, E.M., A.R. Lemmon, J.T. Collins, J.A. Lee-Yaw and D.C. Cannatella. 2007. Phylogeny-based delimitation of species boundaries and contact zones in the trilling chorus frogs (*Pseudacris*). *Molecular Phylogeny and Evolution* 44: 1068-1082.
- Lennon, C., S.P. Hudman, and C.E. Montgomery. 2014. Assessment of *Batrachochytrium dendrobatidis* infection level in amphibians of Wakonda State Park, Missouri, USA. *Herpetological Review* 45(1): 40.
- Lennon, C. and C.E. Montgomery. 2012. Records of reptiles and amphibians from Wakonda State Park, Lewis County, Missouri. *Missouri Herpetological Association Newsletter* (25): 16-19.
- Lescher, T.C., Z. Tang-Martínez, and J.T. Briggler. 2013. Habitat Use by the Alligator Snapping Turtle (*Macrochelys temminckii*) and Eastern Snapping Turtle (*Chelydra serpentina*) in southeastern Missouri. *American Midland Naturalist* 169: 86-96.
- Lescher, T.C., J.T. Briggler, and Z. Tang-Martínez. 2013. Relative abundance, population structure, and conservation of Alligator Snapping Turtles (*Macrochelys temminckii*) in Missouri between 1993-1994 and 2009. *Chelonian Conservation and Biology* 12(1): 163-168.
- Lindeman, P.V. 2016. Geographic distribution: USA: Missouri: *Apalone spinifera*. *Herpetological Review* 47(2): 251.
- Lindeman, P.V. 2016. Geographic distribution : USA : Missouri : *Graptemys geographica*. *Herpetological Review* 47(2): 252.
- Lindeman, P.V. 2016. Geographic distribution: USA: Missouri: *Graptemys ouachitensis*. *Herpetological Review* 47(2): 252-3.
- Lindeman, P.V. 2016. Geographic distribution: USA: Missouri: *Graptemys pseudogeographica*. *Herpetological Review* 47(2): 253.

Partial Bibliography of Missouri Herpetology

- Lindeman, P.V. 2016. Geographic distribution: USA: Missouri: *Pseudemys concinna*. *Herpetological Review* 47(2): 253.
- Lovich, J.E. 1993. *Macrolemys*, *M. temminckii*. *Catalogue of American Amphibians and Reptiles* 562.1-562.4.
- McAllister, C.T. 1985. *Nerodia rhombifera*. *Catalogue of American Amphibians and Reptiles* 376.1-376.4.
- McAllister, C.T. 1985. Food habits and feeding behavior of *Crotaphytus collaris* from Arkansas and Missouri. *Southwestern Naturalist* 30: 597-619.
- McCallum, M.L. and S.E. Trauth. 2006. An evaluation of the subspecies *Acris crepitans blanchardi* (Anura, Hylidae). *Zootaxa* (1104): 1-21.
- McCluskey, E.M. and D. Bender. 2015. Genetic structure of Western Massasauga Rattlesnakes (*Sistrurus catenatus tergeminus*). *Journal of Herpetology* 49(3): 343-348.
- McCoy, C.J. and R.C. Vogt. 1990. *Graptemys geographica*. *Catalogue of American Amphibians and Reptiles* 484.1484.4.
- McCoy, C.J. and R.C. Vogt. 1994. *Graptemys*. *Catalogue of American Amphibians and Reptiles* 584.1-584.3.
- McCranie, J.R. 1990. *Nerodia erythrogaster*. *Catalogue of American Amphibians and Reptiles* 500.1-500.8.
- McDowell, C.R., B.A. Wheeler, and S.E. Trauth. 2004. *Terrapene carolina triunguis* (Three-toed Box Turtle): Aquatic behavior. *Herpetological Review* 35: 265-266.
- McGuire, W. D. 1981. Distribution and habitat preference of the herpetofauna of southwest Missouri. Northwest Missouri State University Thesis. Advisor: K. Minter.
- McKelvy, A.D. and F.T. Burbrink. 2017. Ecological divergence in the yellow-bellied kingsnake (*Lampropeltis calligaster*) at two North American biodiversity hotspots. *Molecular Phylogenetics and Evolution* 106: 61-72.
- McKnight, M.L., and N.A. Nelson. 2005. A new species of salamander for the Ozarks? Genetic, behavioral, and morphological analyses of *Eurycea*. Final report to the Missouri Department of Conservation, Jefferson City, MO.
- McKnight, M.L. and N.A. Nalson. 2007. Life history and color variants in a matriline of Oklahoma Salamanders (*Eurycea tynerensis*). *Southeastern Naturalist* 6(4): 727-736.
- McLaren, R.J. 1960. Age determination in reptiles. MA thesis. 39 p. University of Missouri-Columbia. Advisor: C.H. Conaway.
- McMillan, J.E. 1970. The effect of pancreatic hormones on blood glucose in *Ambystoma annulatum*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- McMillan, J.E. and R.F. Wilkinson. 1972. The effect of pancreatic hormones on blood glucose in *Ambystoma annulatum*. *Copeia* 1972:664-668.
- McVay, J.D. and B. Carstens. 2013. Testing monophyly without well-supported gene trees: Evidence from multi-locus nuclear data conflicts with existing taxonomy in the snake tribe Thamnophiini. *Molecular Phylogenetics and Evolution* 68(2013): 425-431.
- Maag, D.W. 2017. The spatial ecology and microhabitat selection of the Pygmy Rattlesnake (*Sistrurus miliarius*) in southwestern Missouri. Missouri State

Partial Bibliography of Missouri Herpetology

- University Thesis. Advisor: B. Greene.
- Magliola, L. 1973. Parathyroid function in the box turtle, *Terrapene carolina triunguis*. MA thesis. 121 p. University of Missouri-Columbia. Advisor: R.P. Breitenbach.
- Magliola, L. 1983. Effects of estrogen on skeletal calcium metabolism and plasma parameters of vitellogenesis in the male three-toed box turtle (*Terrapene carolina triunguis*). PhD dissertation, 99 p. University of Missouri-Columbia. Advisor: R.P. Breitenbach.
- Mahan, R.D. and J.R. Jarrett. 2007. Diet of the gray treefrog (*Hyla versicolor*) in relation to foraging site location. *Journal of Herpetology* 41(1): 16-23.
- Maksimowich, D. 1998. A role for parasites in the behavior of the Ozark Zig-zag Salamander (*Plethodon angusticlavius*). Southwest Missouri State University Thesis. Advisor: S.A. Mathis.
- Maksimowich, D. and A. Mathis. 2000. Parasitized salamanders are inferior competitors for territories and food resources. *Ethology* 106: 319-329.
- Maksimowich, D. and A. Mathis. 2001. Pheromonal markers as indicators of parasite load: parasitemediated behavior in salamanders. *Acta Ethologica* 3: 83-87.
- Marion, K.R. 1970. The reproductive cycle of the fence lizard, *Sceloporus undulatus*, in eastern Missouri. Washington University Ph.D Dissertation. 101 p. Advisor: O.J. Sexton.
- Marshall, V. 2003. Social aspects of gray treefrog communication. Ph.D. Dissertation. University of Missouri-Columbia.
- Martin, S.D., D.B. Shepard, M.A. Steffen, J.G. Phillips and R.M. Bonett. 2016. Biogeography and colonization history of plethodontid salamanders from the Interior Highlands of eastern North America. *Journal of Biogeography* 43(2): 410-422.
- Masta, S.E., B.K. Sullivan, T. Lamb, and E.J. Routman. 2002. Molecular systematics, hybridization, and phylogeography of the *Bufo americanus* complex in Eastern North America. *Molecular Phylogenetics and Evolution* 24: 302-314.
- Materna, E.J. 1991. Effects of the synthetic pyrethroid insecticide, esfenvalerate, on larval amphibians. MA thesis. 96 p. University of Missouri-Columbia. Advisors: C.F. Rabeni and T.W. LaPoint.
- Mathis, A., K.L. Murray, and C.R. Hickman. 2003. Do experience and body size play a role in responses of larval ringed salamander, *Ambystoma annulatum*, to predator kairomones? Laboratory and field assays. *Ethology* 109: 159-170.
- Mbangkollo, D. 1982. Comparative effects of epinephrine, norepinephrine and a gentle handling stress on plasma lactate, glucose and hematocrit levels in the American Bullfrog, *Rana catesbeiana*. MA thesis. 39 p. University of Missouri-Columbia. Advisor: R. de Roos.
- Menzel, E.J. 2008. Habitat use and spatial patterns of a Cottonmouth snake (*Agkistrodon piscivorus leucostoma*) population and thermoregulation of male Cottonmouth snakes in southwestern Missouri. Missouri State University Thesis. Advisor: B. Greene.
- Metter, D.E. and C.H. Conaway. 1969. The hormonal control of breeding glands in *Microhyla*. *Copeia* 1969:621-622.
- Miles, D.B., R. Noecker, W.M. Roosenburg, and M.M. White. 2002. Genetic relationships among populations of *Sceloporus undulatus* fail to support present

Partial Bibliography of Missouri Herpetology

- subspecific designations. *Herpetologica* 58: 277-292.
- Miller, B.T. 1983. Morphological variation within and among populations of the Ground Snake, *Sonora semiannulata*, in Missouri. MA thesis. 98 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Miller, T. 1999. Genetic variation in Missouri populations of the Grotto Salamander, *Typhlotriton spelaeus*. Southwest Missouri State University Thesis. Advisor: L.W. Robbins
- Mills, N.E. 1997. Effects of hypoxia on embryonic development and hatching in two *Ambystoma* and two *Rana* species. Southwest Missouri State University Thesis. Advisor: M.C. Barnhart.
- Mills, N.E. 2002. Direct and indirect effects of an insecticide on *Rana sphenocephala* tadpoles. PhD Dissert. University of Missouri, Columbia, MO.
- Mills, N.E. and M.C. Barnhart. 1999. Effects of hypoxia on embryonic development in two *Ambystoma* and one *Rana* species. *Physiological Zoology* 72: 179-188.
- Mills, N.E. and R.D. Semlitsch. 2004. Competition and predation mediate the indirect effects of an insecticide on southern leopard frogs. *Ecological Applications* 14: 1041-1054.
- Missouri Natural Heritage Database. 1999. Missouri species of special concern checklist. Missouri Department of Conservation, Jefferson City.
- Mitchell, N.A. 2012. Geographic distribution: *Hyla cinerea*. *Herpetological Review* 43(1): 97.
- Mohammed, M.G., A.F. Messerman, B.D. Mayhan and K.M. Trauth. 2016. Theory and practice of hydrodynamic redesign of artificial hellbender habitat. *Herpetological Review* 47(4): 586-591.
- Moll, D. 1992. A study of dietary characteristics and growth in turtles incidentally collected during long-term resource monitoring of Mississippi River fishes. Missouri Department of Conservation.
- Moll, D. and G. Williams. 1981. Ecological studies of the Lake Springfield turtle community. Missouri Department of Conservation.
- Monroe, H.J. 2009. Behavioral response of *Sternotherus odoratus* to conspecific and predatory chemosensory cues. Missouri State University Thesis. Advisor: D. Moll.
- Moriarty, E.C. and D.C. Cannatella. 2004. Phylogenetic relationships of the North American chorus frogs (Pseudacris: Hylidae). *Molecular Phylogenetics and Evolution* 30: 409-420.
- Morris, M.A. and M.B. Morris. 1984. Geographic distribution: *Lampropeltis calligaster calligaster*. *Herpetological Review* 15: 78.
- Moser, W.E., J.T. Briggler, D.J. Richardson, C.D. Schuette, C.I. Hammond, W.A. Hopkins, and E.A. Lazo-Wasern. 2013. Redescription and molecular characterization of *Placobdella cryptobranchii* (Johnson & Klemm, 1977) (Glossiphoniidae, Hirudinida). *ZooKeys* 338:1-10.
- Mott, C.L., M.A. Steffen, and S.A. Albert. 2009. Geographic Distribution: *Storeria dekayi*. *Herpetological Review* 40(2): 239.
- Moyle, D.L. 1952. Life history of the Bullfrog in central Missouri farm ponds. MA thesis. 89 p. University of Missouri-Columbia. Advisor: T.S. Baskett.
- Muelleman, P.J. 2011. Geographic Distribution: *Agkistrodon contortrix*. *Herpetological*

- Review 42 (2): 242.
- Muelleman, P.J., O. Da Cunha and C.E. Montgomery. 2017. *Crotalus horridus*: Reproduction. *Herpetological Review* 48(4): 858.
- Muelleman, P.J. and C.E. Montgomery. 2011. Geographic Distribution: *Regina grahamii*. *Herpetological Review* 42 (2): 244.
- Muensch, A.J. 2010. The ontogeny of spatial ecology and habitat use in a population of Cottonmouths (*Agkistrodon piscivorus*) in southwest Missouri. Missouri State University Thesis. Advisor: B. Greene.
- Mulich, D.E. 2007. Variation in defensive behaviors of the Western Cottonmouth (*Agkistrodon piscivorus*) as a result of temperature, size, and reproductive condition. Missouri State University Thesis. Advisor: B. Greene.
- Myers, C.W. 1954. Subspecific identity of *Crotalus horridus* in Washington County, Missouri. *Copeia* 1954:300-301.
- Myers, C.W. 1983. The status of turtle populations within Allred Lake, Butler County, MO. Missouri Department of Conservation.
- Nelson, N.A. 2007. Genetic, morphological, and behavioral analysis of the Oklahoma Salamander (*Eurycea tynerensis*) in southwestern Missouri. Missouri State University Thesis. Advisor: M. McKnight.
- Neuwald, J.L. 2008. Temporal changes in population genetic dynamics of the eastern collared lizard, *Crotaphytus collaris collaris*, in response to forest fire management. Washington University PhD Dissertation. 249 p. Advisor: A. Templeton.
- Newman, C.E. and C.C. Austin. 2016. Sequence capture and next-generation sequencing of ultraconserved elements in a large-genome salamander. *Molecular Ecology* DOI 10.1111/mec13909 13p.
- Nicholson, A.E. 2013. Geographic distribution: USA: Missouri: *Ambystoma opacum*. *Herpetological Review* 44(1): 101.
- Nicholson, A.E. 2013. Geographic distribution: USA: Missouri: *Notophthalmus viridescens*. *Herpetological Review* 44(3): 470.
- Nicholson, A.E. 2013. Geographic distribution: USA: Missouri: *Plestiodon laticeps*. *Herpetological Review* 44(3): 475.
- Nicholson, A.E. 2013. Geographic distribution: USA: Missouri: *Lampropeltis triangulum*. *Herpetological Review* 44(3): 477.
- Nickerson, M.A. 2000. *Sternotherus odoratus*: Aerial basking. *Herpetological Review* 31: 238-239.
- Nickerson, M.A. and J.T. Briggler. 2007. Harvesting as a factor in population decline of a long-lived salamander; the Ozark hellbender, *Cryptobranchus alleganiensis bishopi* Grobman. *Applied Herpetology* 4: 207-216.
- Nickerson, C.A., C.M. Ott, S.L. Castro, V.M. Garcia, T.C. Molina, J.T. Briggler, A.L. Pitt, J.J. Tavano, J.K. Byram, J. Barrila, and M.A. Nickerson. 2011. Evaluation of microorganisms cultured from injured and repressed tissue regeneration sites in endangered giant aquatic Ozark hellbender salamanders. *PLOS ONE* 6(12): e28906, doi: 10.1371/journal.pone.002890
- Nickerson, M.A. and A.L. Pitt. 2012. Historical turtle population decline and community changes in an Ozark river. *Bulletin of the Florida Museum of Natural History* 51(4): 257-267.

Partial Bibliography of Missouri Herpetology

- Nickerson, M.A., A.L. Pitt, and M.D. Prysby. 2007. The effects of flooding on hellbender salamander, *Cryptobranchus alleganiensis* Daudin, 1803, populations. *Salamandra* 43: 111-118.
- Nussbaum, S.E., B.H. Ousterhout and R.D. Semlitsch. 2016. Agonistic behavior and resource defense among sympatric juvenile pond-breeding salamanders. *Journal of Herpetology* 50(3): 388-393.
- Nyman, S., R.F. Wilkinson, and J.E. Hutcherson. 1993. Cannibalism and size relations in a cohort of larval Ringed Salamanders (*Ambystoma annulatum*). *Journal of Herpetology* 27:78-84.
- O'Donnell, K. and D.L. Drake. 2010. Atypical coloration in the southern red-backed salamander (*Plethodon serratus*). *Missouri Herpetological Association Newsletter* (23): 9-10.
- O'Donnell, K.M. and R.D. Semlitsch. 2015. Advancing terrestrial salamander population ecology: The central role of imperfect detection. *Journal of Herpetology* 49(4): 533-540.
- O'Donnell, K.M., F.R. Thompson, and R.D. Semlitsch. 2014. Predicting variation in microhabitat utilization of terrestrial salamanders. *Herpetologica* 70(3): 259-265.
- O'Donnell, K.M., F.R. Thompson and R.D. Semlitsch. 2016. Prescribed fire alters surface activity and movement behavior of a terrestrial salamander. *Journal of Zoology* 298: 303-309. doi.10.1111/jzo.12316.
- Ochs, K.F. 1969. Energy relations and exploitation of small pond ecosystems by toads, as a function of maturity. Washington University Ph.D Dissertation. 152 p. Advisor: O.J. Sexton.
- Olson, Z.H., J.T. Briggler and R.N. Williams. 2012. An eDNA approach to detection of eastern hellbenders (*Cryptobranchus alleganiensis*) using samples of water. *Wildlife Research* 39(7) 629-636.
- Orleb, E. 1951. *Thamnophis sirtalis sirtalis* eats *Anolis carolinensis*. *Herpetologica* 7:76.
- Osborn, M. 2012. The initial juvenile movement of pond-breeding amphibians in altered forest habitat. PhD Dissertation. University of Missouri, Columbia, MO. Advisor: R.D. Semlitsch.
- Osborn, M.S., D.J. Hocking, C.A. Conner, W.E. Peterman, and R.D. Semlitsch. 2011. Use of fluorescent visible implant alphanumeric tags to individually mark juvenile ambystomatid salamanders. *Herpetological Review* 42(1): 43-47.
- Osborn, M.S., S.E. Pittman, D.L. Drake, and R.D. Semlitsch. 2012. *Ambystoma annulatum* and *Ambystoma maculatum*: Climbing behavior. *Herpetological Review* 43(3): 458-459.
- Ousterhout, B.H., T.M. Luhring, and R.D. Semlitsch. 2014. No evidence of natal habitat preference induction in juveniles with complex life histories. *Animal Behaviour* 93: 237-242.
- Overman, S. R. and J. J. Krajicek. 1987. The common snapping turtle (*Chelydra serpentina*): A bioindicator species for lead contamination in aquatic environments. Missouri Department of Conservation.
- Owens, V. 1949. New snake records and notes, Morgan County, Missouri. *Herpetologica* 5:49-50.
- Parks, J.W. III. 2001. Territoriality and spatial structure of the eastern collared lizard, *Crotaphytus collaris collaris*: spatial, temporal, and individual variation.

- Washington University Ph.D Dissertation. 132 p. Advisor: J.B. Losos.
- Parris, M.J. 1998. Terrestrial burrowing ecology of newly metamorphosed frogs (*Rana pipiens* complex). *Canadian Journal of Zoology* 76:2124–2129.
- Parris, M.J. 1999. Analysis of fitness determinants in an anuran hybrid zone (*Rana blairi* and *Rana sphenoccephala*): the evolutionary potential of natural hybridization. PhD dissertation. 155 p. University of Missouri-Columbia. Advisor: R.D. Semlitsch.
- Parris, M.J. 2000. Experimental analysis of hybridization in Leopard Frogs (Anura: Ranidae): larval performance in desiccating environments. *Copeia* 2000:11–19.
- Parris, M.J., C.W. Laird, and R.D. Semlitsch. 2001. Differential predation on experimental populations of parental and hybrid leopard frog (*Rana blairi* and *Rana sphenoccephala*) larvae. *Journal of Herpetology* 35: 479-485.
- Parris, M.J. and R.D. Semlitsch. 1998. Asymmetric competition in larval amphibian communities: conservation implications for the Northern Crawfish Frog, *Rana areolata circumlosa*. *Oecologia* 116:219–226.
- Parris, M.J., R.D. Semlitsch, and R.D. Sage. 1999. Analysis of natural hybridization in Leopard Frogs II. Larval performance in artificial ponds. *Journal of Evolutionary Biology* 12:662–671.
- Parsons, J.K. 2010. Effects of prior exposure to predatory chemical cues on territorial and foraging behaviors of the Ozark Zigzag Salamander, *Plethodon angusticlavius*. Missouri State University Thesis. Advisor: A. Mathis.
- Peterman, W.E., T.L. Anderson, D.L. Drake, B.H. Ousterhout, and R.D. Semlitsch. 2014. Maximizing pond biodiversity across the landscape: a case study of larval ambystomatid salamanders. *Animal Conservation* 17: 275-285.
- Peterman, W.E., T.L. Anderson, B.H. Ousterhout, D.L. Drake, R.D. Semlitsch and L.S. Eggert. 2015. Differential dispersal shapes population structure and patterns of genetic differentiation in two sympatric pond breeding salamanders. *Conservation Genetics* 16(1): 59-69.
- Peterman, W. E., G. M. Connette, R. D. Semlitsch, and L. S. Eggert. 2014. Ecological resistance surfaces predict fine-scale genetic differentiation in a terrestrial woodland salamander. *Molecular Ecology* 23:2402–2413.
- Peterman, W.E., G.M. Connette, B.N. Spatola, L.S. Eggert, and R.D. Semlitsch. 2012. Identification of polymorphic loci in *Ambystoma annulatum* and review of cross-species microsatellite use in the genus *Ambystoma*. *Copeia* 2012(3): 570-577.
- Peterman, W.E., S.M. Feist, R.D. Semlitsch, and L.S. Eggert. 2013. Conservation and management of peripheral populations: spatial and temporal influences on the genetic structure of wood frog (*Rana sylvatica*) populations. *Biological Conservation* 158: 351-358.
- Peterman, W. E., and R. D. Semlitsch. 2014. Spatial variation in water loss predicts terrestrial salamander distribution and population dynamics. *Oecologia* 176: 357–369.
- Peterson, C.L. 1979. Age and growth of the Ozark Hellbender. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Peterson, C.L. 1985. Comparative demography of four populations of the Hellbender, *Cryptobranchus alleganiensis*, in the Ozarks. PhD dissertation. 158 p. University

Partial Bibliography of Missouri Herpetology

- of Missouri-Columbia. Advisor: D.E. Metter.
- Peterson, C.L., C. Ingersol, and R.F. Wilkinson. 1989. Winter breeding in *Cryptobranchus alleganiensis* in Arkansas. *Copeia* 1989:1031-1035.
- Peterson, C.L., D.E. Metter, B.T. Miller, R.F. Wilkinson, and M.S. Topping. 1988. Demography of the Hellbender *Cryptobranchus alleganiensis* in the Ozarks. *American Midland Naturalist* 119: 291-303.
- Peterson, C.L., M.S. Topping, R.F. Wilkinson, and C.A. Taber. 1985. Examination of long-term growth of *Cryptobranchus alleganiensis* predicted by linear regression methods. *Copeia* 1985:492-496.
- Peterson, C.L., J. Wiggs Ried, and R.F. Wilkinson. 1989. Seasonal food habits of *Cryptobranchus alleganiensis*. *Southwestern Naturalist* 34:438-441.
- Peterson, C.L. and R.F. Wilkinson. 1996. Home range size of the hellbender (*Cryptobranchus alleganiensis*) in Missouri. *Herpetological Review* 27:126-127.
- Peterson, C.L., R.F. Wilkinson, M.S. Topping, and D.E. Metter. 1983. Age and growth of the Ozark Hellbender (*Cryptobranchus alleganiensis*). *Copeia* 1983:225-231.
- Peterson, C.L., R.F. Wilkinson, D. Moll, and T. Holder. 1991. Premetamorphic survival of *Ambystoma annulatum*. *Herpetologica* 47:96-100.
- Pettinelli, T. 2003. Albinistic (xanthomorphic) *Virginia valeriae* from Lewis County, Missouri. *Missouri Herpetological Association Newsletter* (16): 18.
- Pflanz, D.J. and R. Powell. 1990. Death feigning by a coachwhip from Missouri. *Missouri Herpetological Association Newsletter* (3):12.
- Philbert, R.L. 1964. The seasonal neurosecretory cycle of *Diadophis punctatus*. Ph.D. thesis, Univ. Missouri-Columbia.
- Phillips, C. A. 1988. Survey of the amphibians of selected sinkhole ponds in Missouri. Final Report. Missouri Department of Conservation.
- Phillips, C.A. 1989. Breeding pond fidelity, population structure, and phylogeography in the spotted salamander, *Ambystoma maculatum*. Washington University Ph.D Dissertation. 119 p. Co-Advisors: O.J. Sexton, A.R. Templeton.
- Phillips, C. A. 1991. Geographic distribution: *Ambystoma maculatum*. *Herpetological Review* 22:22.
- Phillips, C. A. 1991. Geographic distribution: *Ambystoma tigrinum*. *Herpetological Review* 22:22.
- Phillips, C. A. 1991. Geographic distribution: *Notophthalmus viridescens louisianensis*. *Herpetological Review* 22:24.
- Phillips, C. A. and J.E. Petzing. 1998. Geographic Distribution. *Lampropeltis getula holbrooki*. *Herpetological Review* 29:177.
- Phillips, C. A. and O.J. Sexton. 1989. Orientation and sexual differences during breeding migrations of the Spotted Salamander, *Ambystoma maculatum*. *Copeia* 1989:17-22.
- Phillips, J.G., D.B. Fenolio, S.L. Emel and R.M. Bonett. 2017. Hydrologic and geologic history of the Ozark Plateau driving phylogenomic patterns in a cave-obligate salamander. *Journal of Biogeography* 44(11): 2463-2474.
- Pinkus, L.F. 1932. How a spider caught and dined upon a six inch snake. *Science Monthly* 34: 80.
- Piper, G.D. 1965. The pituitary-interrenal axis of *Rana catesbeiana*. MA thesis. 56 p. University of Missouri-Columbia. Advisor: R.M. deRoos.

Partial Bibliography of Missouri Herpetology

- Piper, G.D. 1970. Effects of mammalian ACTH, corticosterone, and cortisol hemisuccinate administration on plasma glucose and liver glycogen in the American Bullfrog, *Rana catesbeiana*. PhD dissertation. 78 p. University of Missouri-Columbia. Advisor: R.M. DeRoos.
- Pitt, A.L. and M.A. Nickerson. 2012. Reassessment of the turtle community in the North Fork of White River, Ozark County, Missouri. *Copeia* 2012 (3): 367-374.
- Pitt, A.L. and M.A. Nickerson. 2014. Description and comparison of turtle assemblages and populations located within a spring-fed river. *Herpetological Conservation and Biology* 9(3): 475-483.
- Pittman, S. 2013. Movement ecology of juvenile salamanders and management of pond-breeding amphibian populations. PhD Dissertation. University of Missouri, Columbia, MO. Advisor: R.D. Semlitsch.
- Philibert, R.L. 1961. The hypothalamo-hypophysial neurosecretory system in *Diadophis punctatus arnyi*. MA thesis. 69 p. University of Missouri-Columbia. Advisor: F.I. Kamemoto.
- Philibert, R.L. 1964. The seasonal neurosecretory cycle of *Diadophis punctatus*. PhD dissertation, 67 p. University of Missouri-Columbia. Advisor: C.H. Conaway.
- Powell, M.A. and R. Powell. 2011. Aquatic turtles feasting on Periodical Cicadas. *Missouri Herpetological Association Newsletter* (24): 21.
- Powell, R. 1984. Variation in Spotted Salamanders (*Ambystoma maculatum*) from Missouri. PhD dissertation. 112 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Powell, R. 1985. Geographic distribution: *Hemidactylium scutatum*. *Herpetological Review* 16:83.
- Powell, R. 1990. *Elaphe vulpina*. *Catalogue of American Amphibians and Reptiles* 470.1-470.3.
- Powell, R. 1990. Bibliography of references to the herpetofauna of Missouri. *Missouri Herpetological Association Newsletter* (3):13-17.
- Powell, R. 1991. On the status of the Northern Fence Lizard, *Sceloporus undulatus hyacinthinus*, in Jackson County, Missouri. *Missouri Herpetological Association Newsletter* (4):11-12.
- Powell, R. 1991. Bibliography of references to the herpetofauna of Missouri. *Missouri Herpetological Association Newsletter* (4):12-13.
- Powell, R. 1992. Geographic distribution: *Virginia valeriae elegans*. *Herpetological Review* 23:93.
- Powell, R. 1992. Bibliography of references to the herpetofauna of Missouri. *Missouri Herpetological Association Newsletter* (5):15.
- Powell, R. 1992. The herpetofauna of Osage Prairie. Missouri Department of Conservation.
- Powell, R. 1994. Appendix. Updated size records for amphibians and reptiles in Missouri. *Missouri Herpetological Association Newsletter* (7):7-9.
- Powell, R. 1997. A herpetofauna survey of the Ralph and Martha Perry Memorial Conservation Area. Missouri Department of Conservation.
- Powell, R., J.T. Collins, and L.D. Fish. 1992. *Virginia valeriae*. *Catalogue of American Amphibians and Reptiles* 552.1-552.7.
- Powell, R., J.T. Collins, and L.D. Fish. 1994. *Virginia striatula*. *Catalogue of American*

Partial Bibliography of Missouri Herpetology

- Amphibians and Reptiles* 599.1-599.6.
- Powell, R. and R. Daniel. 1997. County distribution records of amphibians and reptiles in Missouri. *Missouri Herpetological Association Newsletter* (10):12–69.
- Powell, R. and H.L. Gregory. 1978. Emergency: snakebite. Venomous snakes of Missouri and Kansas. Amer. Natl. Red Cross, Kansas City , MO. 6 p.
- Powell, R., T.R. Johnson, and D.D. Smith. 1989. New records of amphibians and reptiles in Missouri for 1989. *Missouri Herpetol. Newsl.* (2):4-8.
- Powell, R., T.R. Johnson, and D.D. Smith. 1990. New records of amphibians and reptiles in Missouri for 1990. *Missouri Herpetological Association Newsletter* (3):4-8.
- Powell, R., T.R. Johnson, and D.D. Smith. 1991. New records of amphibians and reptiles in Missouri for 1990. *Missouri Herpetological Association Newsletter* (4):5-10.
- Powell, R., T.R. Johnson, and D.D. Smith. 1992. New records of amphibians and reptiles in Missouri for 1992. *Missouri Herpetological Association Newsletter* (5):6-13.
- Powell, R., T.R. Johnson, and D.D. Smith. 1993. New records of amphibians and reptiles in Missouri for 1993. *Missouri Herpetological Association Newsletter* (6):3-7.
- Powell, R., T.R. Johnson, and D.D. Smith. 1994. New records of amphibians and reptiles in Missouri for 1994. *Missouri Herpetological Association Newsletter* (7):5-7.
- Powell, R., T.R. Johnson, and D.D. Smith. 1995. New records of amphibians and reptiles in Missouri for 1995. *Missouri Herpetological Association Newsletter* (8):9-12.
- Powell, R., T.R. Johnson, and D.D. Smith. 1996. New records of amphibians and reptiles in Missouri for 1996. *Missouri Herpetological Association Newsletter* (9):9–14.
- Powell, R., T.R. Johnson, and D.D. Smith. 1997. New records of amphibians and reptiles in Missouri for 1997. *Missouri Herpetological Association Newsletter* (10):8–12.
- Powell, R., T.R. Johnson, and J.S. Parmerlee, Jr. 1993b. Appendix. Updated distribution maps for amphibians and reptiles in Missouri. *Missouri Herpetological Association Newsletter* (6):7-26.
- Powell, R., and D.D. Smith. 1983. Geographic distribution: *Thamnophis radix haydeni*. *Herpetological Review* 14:85.
- Powell, R., and J .D. Villa. 1983. Missouri's venomous snakes, by the Missouri Department of Conservation: a review. *Herpetological Review* 14:91-92.
- Price, A.H. 1990. *Phrynosoma cornutum*. *Catalogue of American Amphibians and Reptiles* 469.1-469.7.
- Praschag P, F. Ihlow, M. Flecks, M. Vamberger, U. Fritz. 2017. Diversity of North American map and sawback turtles (Testudines: Emydidae: *Graptemys*). *Zoologica Scripta* 2017: 1–8. <https://doi.org/10.1111/zsc.12249>
- Presley, M.L. 2008. Response of the Ozark Zigzag Salamander (*Plethodon angusticlavius*) to high and low-level threats. Missouri State University Thesis. Advisor: A. Mathis.

Partial Bibliography of Missouri Herpetology

- Prosen, E. 1999. Status of the Eastern Hellbender (*Cryptobranchus alleganiensis alleganiensis*) in Missouri: a comparison of past and present populations. Southwest Missouri State University Thesis. Advisors: R.F. Wilkinson, Jr. and S.A. Mathis
- Prosen, E., B. Wheeler, R.F. Wilkinson, A. Mathis, and B. Greene. 1998. Missouri hellbender survey: A progress report. Missouri Department of Conservation.
- Ptacek, M.B. 1990. Reproductive strategies in sympatric and allopatric populations of *Hyla versicolor* and *Hyla chrysoscelis* in Missouri. Missouri Department of Conservation.
- Ptacek, M.B. 1991. Evolutionary dynamics and speciation by polyploidy in Gray Treefrogs. PhD dissertation. 102 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Ptacek, M.B. 1992. Calling sites used by male gray treefrogs, *Hyla versicolor* and *Hyla chrysoscelis*, in sympatry and allopatry in Missouri. *Herpetologica* 48:373-382.
- Ptacek, M.B., H.C. Gerhardt, and R.D. Sage. In press. Speciation by polyploidy in treefrogs: multiple origins of the tetraploid, *Hyla versicolor*. *Evolution*.
- Pyron, R.A. and F.T. Burbrink. 2009. Systematics of the Common Kingsnake (*Lampropeltis getula*: Serpentes: Colubridae) and the burden of heritage in taxonomy. *Zootaxa* (2241): pp. 22-32.
- Pyron, R.A. and F.T. Burbrink. 2009. Lineage diversification in a widespread species: roles for niche divergence and conservatism in the Common Kingsnake, *Lampropeltis getula*. *Molecular Ecology* 18: pp. 3443–3457.
- Ray, W.M. 2004. Predatory strike behaviors of the Western Cottonmouth, *Agkistrodon piscivorus leucostoma*. Southwest Missouri State University Thesis. Advisor: B. Greene.
- Redmer, M. and R.A. Brandon. 2003. *Hyla cinerea*. *Catalogue of American Amphibians and Reptiles* 766.1-766.14.
- Reed, S.G. 1994. Reproductive endocrinology of the Ozark Hellbender, *Cryptobranchus alleganiensis bishopi*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Reeder, T.W. 2013. A behavioral syndrome in the Southern Red-Backed Salamander (*Plethodon serratus*). Missouri State University Thesis. Advisor: A. Mathis.
- Reeves, A. A. 1996. Pheromone communication in snakes. Saint Louis University Thesis. Advisor: R.D. Aldridge.
- Reichert, M.S. 2011. Aggressive calling in treefrogs. PhD Dissertation. University of Missouri, Columbia, MO. Advisor: H.C. Gerhardt.
- Riechert, M.S. and H.C. Gerhardt. 2011. The role of body size on the outcome, escalation and duration of contests in the grey treefrog, *Hyla versicolor*. *Animal Behaviour* 82(6): 1357-1366.
- Reichert, M.S. and H.C. Gerhardt. 2013. Socially mediated plasticity in call timing in the gray tree frog, *Hyla versicolor*. *Behavioral Ecology* 24(2): 393-401.
- Reichert, M.S. and H.C. Gerhardt. 2013. Gray tree frogs, *Hyla versicolor*, give lower-frequency aggressive calls in more escalated contests. *Behavioral Ecology and Sociobiology* 67(5): 795-804.
- Relyea, R.A. and N.E. Mills. 2001. Predator-induced stress makes pesticide carbaryl more deadly to gray treefrog tadpoles (*Hyla versicolor*). *Proceedings of the*

- National Academy of Sciences* 98: 2491-2496.
- Resetarits, W.J. Jr. and R.D. Aldridge. 1988. Reproductive biology of cave-associated population of the frog *Rana palustris*. *Canadian Journal of Zoology* 66:329-333.
- Richardson, C., T. Messa and M.S. Mills. 2017. Testing the effectiveness of bait types on trapping freshwater turtles in Missouri. *Herpetological Review* 48(2): 331-333.
- Richerson, B.A. 1968. A comparative study of the neurohypophysis of the three lifestages of the newt *Notophthalmus viridescens louisianensis*. MA thesis. 67 p. University of Missouri-Columbia. Advisor: R.M. DeRoos.
- Riedle, J.D. 2014. Demography of an urban population of Ring-necked Snakes (*Diadophis punctatus*) in Missouri. *Herpetological Conservation and Biology* 9(2): 278-284.
- Riedle, D.J., T. Weiberg, F. King-Cooley, S. Johnson, T.D.H. Riedle and D. Asahl. 2017. Observations of the population ecology of Three-toed Box Turtles in small urban forest fragments. *Collinsorum* 6(2-3): 10-14.
- Rimer, R.L and J.T. Briggler. 2010. Occurance of the amphibian chytrid fungus (*Batrachochytrium dendrobatidis*) in Ozark caves, Missouri, USA. *Herpetological Review* 41(2): 175-177.
- Ringia, A.M. and K.R. Lips. 2007. Oviposition, early development and growth of the cave salamander, *Eurycea lucifuga*: surface and subterranean influences on a troglomorphic species. *Herpetologica* 63(3): 258-268.
- Rittenhouse, C. D., J. J. Millspaugh, M. W. Hubbard, and S. L. Sheriff. 2007. Movements of translocated and resident three-toed box turtles. *Journal of Herpetology* 41(1): 114–120.
- Rittenhouse, C. D., J. J. Millspaugh, M. W. Hubbard, S. L. Sheriff, and W. D. Dijak. 2008. Resource selection by translocated three-toed box turtles in Missouri. *Journal of Wildlife Management* 72:268-275.
- Rittenhouse, C. D., B. E. Washburn, J. J. Millspaugh, and M. W. Hubbard. 2005. Effects of radiotransmitters on fecal glucocorticoid metabolite levels of three-toed box turtles in captivity. *Wildlife Society Bulletin* 33(2): 706–713.
- Rittenhouse, T.A.G. 2007. Behavioral choice and demographic consequences of wood frog habitat selection in response to land use. Unpublished PhD dissertation, University of Missouri, Columbia, MO.
- Rittenhouse, T.A.G., E.B. Harper, L.R. Rehard, and R.D. Semlitsch. 2008. The role of microhabitats in the desiccation and survival of anurans in recently harvested oak-hickory forest. *Copeia* 2008: 807-814.
- Rittenhouse, T.A.G., T.T. Altnether, and R.D. Semlitsch. 2006. Fluorescent powder pigments as a harmless tracking method for ambystomatids and ranids. *Herpetological Review* 37: 188-191.
- Rittenhouse, T.A.G., M. Doyle, R. Mank, B.B. Rothermel, and R.D. Semlitsch. 2004. Substrate cues influence habitat selection by spotted salamanders. *Journal of Wildlife Management* 68: 1151-1158.
- Rittenhouse, T.A.G. and R.D. Semlitsch. 2006. Grasslands as movement barriers for a forest-associated salamander: migration behavior of adult and juvenile salamanders at a distinct habitat edge. *Biological Conservation* 131: 14-22.
- Rittenhouse, T.A.G. and R.D. Semlitsch. 2007. Postbreeding habitat use of wood frogs in a Missouri oak-hickory forest. *Journal of Herpetology* 41: 645-653.

Partial Bibliography of Missouri Herpetology

- Rittenhouse, T.A.G. and R.D. Semlitsch. 2007. Distribution of amphibians in terrestrial habitat surrounding wetlands. *Wetlands* 27(1): 153-161.
- Rittenhouse, T.A.G., R.D. Semlitsch, and F.R. Thompson III. 2009. Survival costs associated with Wood Frog breeding migrations: effects of timber harvest and drought. *Ecology* 90(6): pp. 1620-1630.
- Rizzo, L. 1992. Missouri's two box turtles. *Missouri Conservationist* 53(7):12-15.
- Rizzo, L. 1997. Bird predation by a Bullfrog. *Missouri Herpetological Association Newsletter* (10):70.
- Roberson, K.W. 1980. The biology of *Tantilla gracilis hallowelli* in Missouri. MA thesis. 61 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Rodriguez-Robles, J.A. and J.M. De Jesús-Escobar. 2000. Molecular systematics of the New World gopher, bull and pinesnakes (*Pituophis*: Colubridae), a transcontinental species complex. *Molecular Phylogenetics and Evolution* 14: 35-50.
- Rosenthal, E.J. 1984. Elevation of plasma glucose, analine and urea by mammalian ACTH in the American Bullfrog, *Rana catesbeiana*. MA thesis. 62 p. University of Missouri-Columbia. Advisor: R. de Roos.
- Rossmann, D.A. and R. Powell. 1985. *Clonophis*, *C. kirtlandii*. *Catalogue of American Amphibians and Reptiles* 364.1-364.2.
- Rossmann, D.A. and Y. Wallach. 1991. *Virginia*. *Catalogue of American Amphibians and Reptiles* 529.1-529.4.
- Roth, T.C. 1999. Habitat choice and spatial ecology of *Nerodia sipedon*, the Northern Water Snake. Southwest Missouri State University Thesis. Advisor: B.D. Greene.
- Roth, T.C. and B.D. Greene. 2006. Movement patterns and home range use of the northern watersnake (*Nerodia sipedon*). *Copeia* 2006: 544-551.
- Rothermel, B.J.B. 2003. Movement behavior, migratory success, and demography of juvenile amphibians in a fragmented forest. Ph.D. Dissertation. University of Missouri-Columbia. 182 p.
- Routman, E. (date unknown). Mitochondrial DNA variation in *Cryptobranchus alleganiensis*, a salamander with extremely low allozyme diversity. Missouri Department of Conservation.
- Routman, E.J. 1990. Paedomorphosis and population structure in the salamanders *Cryptobranchus alleganiensis* and *Ambystoma tigrinum*. Washington University Ph.D Dissertation. 145 p. Advisor: A.R. Templeton.
- Routman, E. 1993. Mitochondrial DNA variation in *Cryptobranchus alleganiensis*, a salamander with extremely low allozyme diversity. *Copeia* 1993:407-416.
- Ruane, S., R.W. Bryson, R.A. Pyron, and F.T. Burbrink. 2014. Coalescent species delimitation in Milksnakes (Genus *Lampropeltis*) and impacts on phylogenetic comparative analyses. *Systematic Biology* 63(2): 231-250.
- Rudolph, L. J. 2015. Variation in behavior of different populations and sex classes of paedomorphic Oklahoma Salamanders. Missouri State University Thesis. Advisor: A. Mathis.
- Russell, B. 2000. Mole Salamander, *Ambystoma talpoideum*, distribution in southeast Missouri. Missouri Department of Conservation.
- Ryan, T.J. 2000. Expression of a life cycle polymorphism: facultative paedomorphosis in *Ambystoma talpoideum*. PhD dissertation. 129 p. University of Missouri-

Partial Bibliography of Missouri Herpetology

- Columbia. Advisors: R.D. Semlitsch and J.W. Gibbons.
- Ryberg, W.A. 2009. Predation, community assembly, and the scaling of prey diversity in Ozark Glade metacommunities. Washington University PhD Dissertation. 159 p. Advisor: A. Templeton.
- Sabatino, S.J. and E.J. Routman. 2009. Phylogeography and conservation genetics of the Hellbender salamander (*Cryptobranchus alleganiensis*). *Conservation Genetics*. 10: pp. 1235–1246.
- Sage, R. D. 1992. A final report to the Missouri Department of Conservation on the contract. A genetic study of the leopard frogs (*Rana pipiens* complex). Missouri Department of Conservation.
- Sage, R. D. 1994. A final report on the distribution and genetic study of the leopard frogs (*Rana pipiens* complex). Missouri Department of Conservation.
- Salveter, A. and C. Overby. 1998. Early summer courtship and mating observations of Eastern Collard Lizards, *Crotaphytus collaris collaris*, in Reynolds County, Missouri. *Missouri Herpetological Association Newsletter* (11):18–19.
- Sammartano, D.V. 1994. Spatial, dietary, and temporal niche parameters of two species of Box Turtle (*Terrapene*) in microsympatry. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Santhuff, S. D. 1993. Alligator snapping turtle, *Macroclmys temminckii*, trap, mark, and release project. Missouri Department of Conservation.
- Saura-Mas, S, M.D. Boone, and C.M. Bridges. 2002. Evaluation of direct effects of an insecticide on gray treefrogs: Laboratory and field trials. *Journal of Herpetology* 6: 715-719.
- Schatti, B. and L.D. Wilson. 1986. *Coluber*. *Catalogue of American Amphibians and Reptiles* 399.1-399.4.
- Scheffers, B., E. McDonald, D. J. Hocking, C.A. Conner, and R.D. Semlitsch. 2009. Comparison of two artificial cover objects for sampling herpetofaunal communities in Missouri. *Herpetological Review* 40(4): 419-421.
- Schepis, D. 2013. Spatial patterns and multi-scale habitat selection of the Mudsnake (*Farancia abacura*) at the northern limits of its range. Missouri State University Thesis. Advisor: B. Greene.
- Schuette, B. 1992. A clutch of Ground Skink eggs from Cuivre River State Park. *Missouri Herpetological Association Newsletter* (5):14.
- Schuette, B. 1997. Two clutches of Black Rat Snakes from eastern Missouri. *Missouri Herpetological Association Newsletter* (10):70–71.
- Schuette, B. 1997. A striped morph of the Prairie Kingsnake from Cuivre River State Park, Lincoln County, Missouri. *Missouri Herpetological Association Newsletter* (10):71.
- Schuette, B. 1998. Natural history notes on two reptiles from Lincoln County, Missouri. *Missouri Herpetological Association Newsletter* (11):18.
- Schuette, B. 1999. A note on reproduction in the Midland Brown Snake (*Storeria dekayi wrightorum*). *Missouri Herpetological Association Newsletter* (12):18.
- Schuette, B. 2005. Reproductive notes for reptiles from Cuivre River State Park. *Missouri Herpetological Association Newsletter* (18): 12-13.
- Schuette, B. and R.E. Daniel. 2011. A second example of albinism in *Lampropeltis calligaster* from Missouri. *Missouri Herpetological Association Newsletter* (24):

- 25-26.
- Schuette, B., S. Farrow, and D. Sherbo. 1992. An observation of mating behavior in the Broadhead Skink (*Eumeces laticeps*). *Missouri Herpetological Association Newsletter* (5):14-15.
- Schulte, J.A. III. 2001. A phylogenetic and ecological analysis of iguanian lizard evolution. Washington University PhD Dissertation. 267 p. Advisors: A. Larson, J. Losos.
- Schroeder, E.E. 1966. Age determination and population structure in Missouri Bullfrogs. PhD dissertation. 86 p. University of Missouri-Columbia. Advisor: T.S. Baskett.
- Schwartz, J.J., M.A. Bee, and S.D. Tanner. 2000. A behavioral and neurobiological study of the response of Gray Treefrogs, *Hyla versicolor*, to the calls of a predator, *Rana catesbeiana*. *Herpetologica* 56:27–37.
- Schwartz, J.J., B.W. Buchanan, and H.C. Gerhardt. 2001. Female mate choice in the gray treefrog (*Hyla versicolor*) in three experimental environments. *Behavioral Ecology and Sociobiology* 49: 443-455.
- Schwartz, J.J., B.W. Buchanan and H.C. Gerhardt. 2002. Acoustic interactions among male gray treefrogs, *Hyla versicolor*, in a chorus setting. *Behavioral Ecology and Sociobiology* 53: 9-19.
- Schwartz, J.J. and H.C. Gerhardt. 1998. The neuroethology of call preference in the Spring Peeper. *Animal Behavior* 56: 55–69.
- Schwartz, J.J. and K.M. Rahmeyer. Calling behavior and the capacity for sustained locomotory exercise in the gray treefrog (*Hyla versicolor*). *Journal of Herpetology* 40: 164-171.
- Seale, D.B. 1973. Impact of amphibian larval populations on an aquatic community. Washington University Ph.D Dissertation. 167 p. Advisor: O.J. Sexton.
- Seidel, M.E. and M.J. Dreslik. 1996. *Pseudemys concinna*. *Catalogue of American Amphibians and Reptiles* 626.1-626.12.
- Seidel, M.E. and C.H. Ernst. 1996. *Pseudemys*. *Catalogue of American Amphibians and Reptiles* 625.1-625.7.
- Seidel, M.E. and C.H. Ernst. 2012. *Trachemys*. *Catalogue of American Amphibians and Reptiles* 891: 1-17.
- Seigel, R. A. 1983. Final report on the ecology and management of the massasauga, *Sistrurus catenatus*, at the Squaw Creek National Wildlife Refuge, Holt Co., MO. Missouri Department of Conservation.
- Seigel, R. A. 1992. Status and long term changes in populations of massasauga rattlesnakes (*Sistrurus catenatus*) at the Squaw Creek National Wildlife Refuge. Missouri Department of Conservation.
- Seigel, R. A. 1992. Ecology of a specialized predator: *Regina grahami* in Missouri. *Journal of Herpetology* 26:32-37.
- Seigel, R. A. 1995. Distribution and abundance of massasauga rattlesnakes (*Sistrurus catenatus*) at Pershing State Park. Missouri Department of Conservation.
- Seigel, R. A. 1996. Status of massasauga rattlesnakes *Sistrurus catenatus*, at the Squaw Creek National Wildlife Refuge, 1995-1996. Missouri Department of Conservation.
- Seigel, R. A. 1998. Habitat utilization and population demography of the endangered rattlesnake (*Sistrurus catenatus*) at the Squaw Creek National Wildlife Refuge,

- Missouri.. Missouri Department of Conservation.
- Seigel, R. A. 1998. Distribution and abundance of massasauga rattlesnakes (*Sistrurus catenatus*) at the Swan Lake National Wildlife Refuge. Missouri Department of Conservation.
- Seigel, R. A. and M. Pilgrim. 1995. Status of massasauga rattlesnakes *Sistrurus catenatus*, at the Squaw Creek National Wildlife Refuge, 1995. Missouri Department of Conservation.
- Seigel, R. A. and M. Pilgrim. 1997. Studies on endangered snakes (*Sistrurus catenatus* and *Elaphe vulpina*) at Squaw Creek National Wildlife Refuge, Missouri. Missouri Department of Conservation.
- Seigel, R. A. and C. A. Sheil. 1997. Status and long term changes in populations of the massasauga, *Sistrurus catenatus*, at the Squaw Creek National Wildlife Refuge. Missouri Department of Conservation.
- Seigel, R. A., C. A. Sheil, and J.S. Doody. 1998. Changes in a population of an endangered rattlesnake *Sistrurus catenatus* following a severe flood. *Biological Conservation* 83:127–131.
- Semlitsch, R.D. 2008. Differentiating migration and dispersal processes for pond-breeding amphibians. *Journal of Wildlife Management* 72: 260-267.
- Semlitsch, R.D. and T.L. Anderson. 2016. Structure and dynamics of Spotted Salamander (*Ambystoma maculatum*) populations in Missouri. *Herpetologica* 72(2): 81-89.
- Semlitsch, R.D., T.L. Anderson, M.S. Osbourn, and B.H. Ousterhout. 2014. Structure and dynamics of Ringed Salamander (*Ambystoma annulatum*) populations in Missouri. *Herpetologica* 70(1): 14-22.
- Semlitsch, R.D., C.M. Bridges, and A.M. Welch. 2000. Genetic variation and a fitness tradeoff in the tolerance of Gray Treefrog (*Hyla versicolor*) tadpoles to the insecticide carbaryl. *Oecologia* 125:179–185.
- Semlitsch, R.D. and J.R. Bodie. 2003. Biological criteria for buffer zones around wetlands and riparian habitat for amphibians and reptiles. *Conservation Biology* 17: 1219-1228.
- Semlitsch, R.D., C.A. Conner, D.J. Hocking, T.A.G. Rittenhouse, and E.B. Harper. 2008. Effects of timber harvesting on amphibian persistence: testing the evacuation hypothesis. *Ecological Applications* 18: 283-289.
- Semlitsch, R.D. and D.L. Drake. 2015. Structure and dynamics of *Lithobates sylvaticus* (Wood Frog) at the periphery of its range in Missouri. *Southeastern Naturalist* 14(2): 329-341.
- Semlitsch, R.D., K.M. O'Donnell and F.R. Thompson. 2014. Abundance, biomass production, nutrient content, and the possible role of terrestrial salamanders in Missouri Ozark forest ecosystems. *Canadian Journal of Zoology* 92:997-1004.
- Semlitsch, R.D. and M.J. Parris. 1997. Viability and reproductive status of the northern crawfish frog, *Rana areolata circumlosa* at known and potential sites in Missouri. Missouri Department of Conservation.
- Semlitsch, R.D., W.E. Peterman, T.L. Anderson, D.L. Drake, and B.H. Ousterhout. 2015. Intermediate pond sizes contain highest density, richness, and diversity of pond-breeding amphibians. *PLOS One* 10:e0123055, doi:10.1371/journal.pone.

0123055.

- Semlitsch, R.D., B.D. Todd, S.M. Blomquist, A.J.K. Calhoun, J.W. Gibbons, J.P. Gibbs, G.J. Graeter, E.B. Harper, D.J. Hocking, M.L. Hunter Jr., D.A. Patrick, T.A.G. Rittenhouse, and B.B. Rothermel. 2009. Effects of Timber Harvest on amphibian populations: understanding mechanisms from forest experiments. *BioScience* 59(10): 853-862.
- Settle, R.A. 2017. Quantitative behavioral analyses of Ozark Hellbender reproduction and paternal care. Missouri State University Thesis. Advisor: A. Mathis.
- Sexton, O.J. 1984. Life history notes on the terrestrial vertebrates inhabiting some glades of eastern Missouri with emphasis on amphibians and reptiles. *Occasional Papers of the Missouri Academy of Science* (7):21-65.
- Sexton, O.J. 1984. A survey of the amphibians and reptiles of the Marais Temps Clair Wildlife Area, St Charles Co., MO. Missouri Department of Conservation.
- Sexton, O.J. 1984. Final report on the management of the collared lizard, *Crotaphytus collaris*, on Missouri glades. Missouri Department of Conservation.
- Sexton, O.J. 1986. Field studies of breeding Spotted Salamanders, *Ambystoma maculatum*, in eastern Missouri, U.S.A. *Milwaukee Public Museum Contributions to Biology and Geology* (67):1-19.
- Sexton, O.J. 1990. Life history notes (bird attack): *Tropidoclonion lineatum*. *Herpetological Review* 21:94.
- Sexton, O.J. 1991. The reptiles of a Missouri glade. *Missouri Prairie Journal* 12(1):5-6.
- Sexton, O.J. 1993. Annual report on 1993 survey of snake fauna for Marais Temps Clair CA, St. Charles Co. MO. Missouri Department of Conservation.
- Sexton, O.J. 1993. Status of the western fox snake at the Marais Temps Clair CA, St. Charles Co. MO. Missouri Department of Conservation.
- Sexton, O.J. 1994. Initial report on the Mole salamanders (genus *Ambystoma*) of Forest 44 Conservation Area, St. Louis County, Missouri. Missouri Department of Conservation.
- Sexton, O.J. 1994. Second report on the Mole salamanders (genus *Ambystoma*) of Forest 44 Conservation Area, St. Louis County, Missouri. Missouri Department of Conservation.
- Sexton, O.J., W. Drda, J. Bramble, and K. Sexton. 1994. Primary and secondary effects of flooding on the Squamates of a wildlife refuge.--Includes Marais Temps Clair CA (St. Charles Co.), Sandy Ridge (Jefferson Co.), Tyson Research Center (St. Louis Co.). Missouri Department of Conservation.
- Sexton, O.J., W. Drda, J. Bramble, and K. Sexton. 1995. Effect of flooding on species richness and abundance of snakes in a small, insular marsh. Missouri Department of Conservation.
- Sexton, O.J., W.J. Drda, K.G. Sexton, and J.E. Bramble. 2007. The effects of flooding upon the snake fauna of an isolated refuge. *Natural Areas Journal* 27: 133-144.
- Sexton, O.J. and C.A. Phillips. 1987. A qualitative study of fish-amphibian interactions in three Missouri ponds. *Transactions of the Missouri Academy of Science* 20:25-35.
- Sexton, O.J. and J.E. Bramble. 1990. The effects of temperature and precipitation on the breeding migration of the Spotted Salamander (*Ambystoma maculatum*). *Copeia* 1990:781- 787.

Partial Bibliography of Missouri Herpetology

- Shaffer, S.A., J.T. Briggler, R.A. Gitzen and J.J. Millspaugh. 2017. Abundance and harvest proportion of river turtles in Missouri. *Journal of Freshwater Ecology*. 32(1): 541-555.
- Shannon, P.R. 1988. The parasites of breeding male Eastern Gray Treefrogs, *Hyla versicolor* Le Conte, 1825, from the Ashland Wildlife Research Area, Boone County, Missouri. MA thesis. 87 p. University of Missouri-Columbia. Advisor: L.S. Uhazy.
- Sharp, J. R. and J. Kaszubski. 1988. A survey of the fishes of Mississippi County, Missouri, with notes on selected reptiles, amphibians, and naiad mussels. Missouri Department of Conservation.
- Shelton, K. 2016. Behavioral responses of Ringed and Spotted Salamanders to diet-related cues from predators. Missouri State University Thesis. Advisor: A. Mathis.
- Shew, J. J. 2004. Spatial ecology and habitat use of the Western Fox Snake (*Elaphe vulpina vulpina*) on Squaw Creek National Wildlife Refuge. Southwest Missouri State University Thesis. Advisor: B. Greene.
- Shew, J.J., B.D. Greene, and F.E. Durbian. 2012. Spatial ecology and habitat use of the Western Foxsnake (*Pantherophis vulpinus*) on Squaw Creek National Wildlife Refuge (Missouri). *Journal of Herpetology* 46(4): 539-548.
- Shipman, P. A. and A. Neeley. 1998. Alligator snapping turtle trap, mark, and telemetry project. Missouri Department of Conservation.
- Shipman, P. A. and D. Riedle. 1994. Alligator snapping turtle, *Macroclermys temminckii*, trap, mark, and release project. Missouri Department of Conservation.
- Shipman, P.A. and J.D. Riedle. 2008. Status and distribution of the alligator snapping turtle (*Macrochelys temminckii*) in southeastern Missouri. *Southeastern Naturalist* 7: 331-338.
- Shull, K.M. 2007. Influence of physical stress, sex, and body size on metabolic rates of Ozark Zigzag Salamanders, *Plethodon angusticlavius*. Missouri State University Thesis. Advisor: A. Mathis.
- Shulse, C.D. 1994. A possible neotenic tiger salamander from Missouri. *Missouri Herpetological Association Newsletter* (7):9.
- Shulse, C.D. 1995. Size record for the Diamondback Water Snake, *Nerodia rhombifer*. *Missouri Herpetological Association Newsletter* (8):13.
- Shulse, C.D. 2006. Rediscovery of Kirtland's Snake (*Clonophis kirtlandii*) in Missouri. *Missouri Herpetological Association Newsletter* (19): 13-14.
- Shulse, C.D. 2007. Geographic Distribution: *Clonophis kirtlandii*. *Herpetological Review* 38: 220.
- Shulse, C.D. 2011. Building better wetlands for amphibians: investigating the roles of engineered wetland features and mosquitofish (*Gambusia affinis*) on amphibian abundance and reproductive success. PhD Dissertation. 165 p. University of Missouri, Columbia, MO. Advisor: R.D. Semlitsch.
- Shulse, C.D. and R.D. Semlitsch. 2013. Western mosquitofish (*Gambusia affinis*) bolster the prevalence and severity of tadpole tail injuries in experimental wetlands. *Hydrobiologia* DOI 10.1007/s10705-013-1502-0
- Shulse, C.D., R.D. Semlitsch, and K.M. Trauth. 2013. Mosquitofish dominate amphibian and invertebrate community development in experimental wetlands. *Journal of*

- Applied Ecology* 2013: 1-13 DOI 10.1111/1365-2664.12126
- Shulse, C.D., R.D. Semlitsch, K.M. Trauth and J.E. Gardner. 2012. Testing wetland features to increase amphibian reproductive success and species richness for mitigation and restoration. *Ecological Applications* 22(5): 1675-1688.
- Shulse, C.D., R.D. Semlitsch, K.M. Trauth, and A.D. Williams. 2010. Influences of design and landscape placement parameters on amphibian abundance in constructed wetlands. *Wetlands* 30:915-928.
- Siegel, D.S., K.M. Gribbons, J.L. Rheubert and R.D. Aldridge. 2014. *Notophthalmus viridescens*: sperm motility. *Herpetological Review* 45(3): 474-475.
- Siegel, D.S., C.M. Murray, E.R. Wilson, E.R. Puleo, K.A. True, and R.D. Aldridge. 2012. Sexual kidneys in the red-spotted newt (*Notophthalmus viridescens*). *Journal of Herpetology* 46(1): 136-144.
- Smith, D.D. 1980. The Copperhead. *American Association of Laboratory Animal Science, Kansas City Branch Newsletter* 3:8-10.
- Smith, D.D. 1985. Life history (behavior): *Ambystoma tigrinum*. *Herpetological Review* 16:77.
- Smith, D.D. 1990. Possible effects of temperature on incubation period and hatchlings in eggs from a Rough Green Snake, *Opheodrys aestivus*. *Missouri Herpetological Association Newsletter* (3):10-12.
- Smith, D.D. and L.C. Balch. 1974. Geographic distribution: *Kinosternon flavescens flavescens*. *Herpetological Review* 5:69. Correction: listing in Johnson (1987) failed to acknowledge Balch.
- Smith, D.D. and L.C. Balch. 1985. Life history (behavior): *Eurycea lucifuga*. *Herpetological Review* 16:77-78.
- Smith, D.D. and F .E. Blake. 1990. Geographic distribution: *Kinosternon flavescens flavescens*. *Herpetological Review* 21:40.
- Smith, D.D. and R. Powell. 1983. Life history (anomalies): *Acris crepitans blanchardi*. *Herpetological Review* 14:118-119.
- Smith, D.D. and R. Powell. 1993. Life history observations of amphibians and reptiles from Missouri. *Missouri Herpetological Association Newsletter* (6):27-30.
- Smith, D.D. and R. Powell. 1996. Cottonmouths at the Lake of the Ozarks, Camden County, Missouri. *Missouri Herpetological Association Newsletter* (9): 15.
- Smith, D.D., R. Powell, T .R. Johnson, and H.L. Gregory. 1983. Life history observations of Missouri amphibians and reptiles with recommendations for standardized data collection. *Transactions of the Missouri Academy of Science* 17:37-58.
- Smith, G.R. and L.D. Johnson. 1999. New Missouri amphibian and reptile distribution records from a catalogued college teaching collection. *Herpetological Review* 30:58–59.
- Smith, G.R., A. Todd, J.E. Rettig, and F. Nelson. 2003. Microhabitat selection by northern cricket frogs (*Acris crepitans*) along a west-central Missouri creek: Field and experimental observations. *Journal of Herpetology* 37: 383-385.
- Solberg, L. 1999. Comparative toepad morphology in Chorus Frogs (Genus *Pseudacris*): semiarboreal, terrestrial, and fossorial species. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Solís, M.E., J.M. Bandeff, and Y. Huang. 2007. Hematology and serum chemistry of Ozark and Eastern Hellbenders (*Cryptobranchus alleganiensis*). *Herpetologica*

- 63(3): 285-292.
- Spatola, B.N., W.E. Peterman, N.T. Stephens, G.M. Connette, D.B. Shepard, K.H. Kozak, R.D. Semlitsch, and L.S. Eggert. 2013. Development of microsatellite loci for the Western Slimy Salamander (*Plethodon albagula*) using 454 sequencing. *Conservation Genetics Resources* 5(1): 267-270.
- Spivey, K.L. 2016. Venom expelled by Cottonmouths (*Agkistrodon piscivorus*) across different prey sizes, prey taxa, and snake body temperatures. Missouri State University Thesis. Advisor: B. Greene.
- Springer, M.D. and B. J. Gallaway. 1980. The distribution and ecology of the Illinois mud turtle, *Kinosternon flavescens spooneri* - A synthesis of historical and new research information with recommendations for conservation. Unpublished MDC report. LGL Ecological Research Associates, Inc, TX.
- Springer, M.D., B. J. Gallaway., J.W. Bickham, and D.L. Wilkinson. 1978. An evaluation of the proposed status of the Illinois mud turtle, *Kinosternon flavescens spooneri*, and the Muscatine Island plant site of the Monsanto Agricultural Products Company as critical habitat, with recommendation for conservation and research. Unpublished MDC report. LGL Limited-U.S., Inc. Bryan, TX.
- Stake, M.M., F.R. Thompson III, J. Faaborg, and D.E. Burhans. 2005. Patterns of snake predation at songbird nests in Missouri and Texas. *Journal of Herpetology* 39: 215-222.
- Starkey, D.E., H.B. Schaffer, R.L. Burke, M.R.J. Forstner, J.B. Iverson, F.J. Janzen, A.G.J. Rhodin and G.R. Ultsch. 2003. Molecular systematics, phylogeography, and the effects of Pleistocene glaciation in the painted turtle (*Chrysemys picta*) complex. *Evolution* 57: 119-128.
- Stone, J.W. 1971. The effects of hypertonic media on various serum and urine constituents of the Hellbender, *Cryptobranchus alleganiensis*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Stone, M. 2002. Digestion and chelonochory in two sympatric species of Box Turtles, *Terrapene carolina* and *Terrapene ornata*, on pure diets of fruit. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Stone, M.D. and D. Moll. 2006. Diet-dependent differences in digestive efficiency in two sympatric species of box turtles, *Terrapene carolina* and *Terrapene ornata*. *Journal of Herpetology* 40(3): 364-371.
- Stone, M.D. and D. Moll. 2009. Abundance and diversity of seeds in digestive tracts of *Terrapene carolina* and *T. ornata* in southwestern Missouri. *Southwestern Naturalist* 54(3): 346-350.
- Stone, W. 1903. A collection of reptiles and batrachians from Arkansas, Indian Territory, and western Texas. *Proceedings of the Academy of Natural Sciences of Philadelphia* 55:541-542.
- Strasburg, J.L. 2004. Comparative phylogeography and conservation genetics in two lizard species. Washington University Ph.D Dissertation. 243 p. Advisor: A.R. Templeton.
- Struecker, B.P. and J.R. Milanovich. 2017. Predicted suitable habitat declines for Midwestern United States amphibians under future climate change and land-use change scenarios. *Herpetological Conservation and Biology* 12(3): 635-654.
- Stuart, J.N. 1990. Geographic distribution: *Trachemys scripta elegans*. *Herpetological*

Partial Bibliography of Missouri Herpetology

- Review 21 : 95-96.
- Sullivan, A.M. 1999. Reproduction, body condition, and dietary variation of the Lesser Siren (*Siren intermedia*). Southwest Missouri State University Thesis. Advisors: R.F. Wilkinson, Jr. and S.A. Mathis.
- Sullivan, A.M., P.W. Frese, and A. Mathis. 2000. Does the aquatic salamander, *Siren intermedia*, respond to chemical cues from prey? *Journal of Herpetology* 34: 607-611.
- Sweet, S.S. and W .S. Parker . 1990. *Pituophis melanoleucus*. *Catalogue of American Amphibians and Reptiles* 474.1-474.8.
- Taber, C.A., R.F. Wilkinson, and M.S. Topping. 1975. Age and growth of Hellbenders in the Niangua River, Missouri. *Copeia* 1975:633-639.
- Tanner, S. 1995. Female choice in Gray Treefrogs: evidence from male calling and female phonotaxis. PhD dissertation. 93 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Tavano, J.J., A.L. Pitt, and M.A. Nickerson. 2007. *Agkistrodon piscivorus leucostoma*: Behavior. *Herpetological Review* 38: 202.
- Taylor, M.S. and J.L. Tucker. 2008. Geographic Distribution: *Hemidactylus turcicus*. *Herpetological Review* 39: 367.
- Taylor, S.J., J.K. Krejca, and B. Churchwell. 1998. Geographic Distribution. *Rana clamitans*. *Herpetological Review* 29:108.
- Taylor, S.J., J.K. Krejca, and B. Churchwell. 1998. Geographic Distribution. *Nerodia sipedon pleuralis*. *Herpetological Review* 29:115.
- Taylor, S.J., J.K. Krejca, and B. Churchwell. 1998. Geographic Distribution. *Thamnophis sirtalis sirtalis*. *Herpetological Review* 29:116.
- Templeton, A., K. Shaw, E. Routman, and S.K. Davis. 1990. The genetic consequences of habitat fragmentation. *Annals of the Missouri Botanical Garden* 77:13-27.
- Templeton, A.R., R.J. Robertson, J. Brisson, and Jared Strasburg. 2001. Disrupting evolutionary processes: The effect of habitat fragmentation on collared lizards in the Missouri Ozarks. *Proceedings of the National Academy of Sciences* 98: 5426-5432.
- Thesing, B.D., R.D. Noyes, D.E. Starkey and D.B. Shepard. 2015. Pleistocene climatic fluctuations explain the disjunct distribution and complex phylogeographic structure of the Southern Red-backed Salamander, *Plethodon serratus*. *Evolutionary Ecology* doi:10.1007/s10682-015-9794-3: 1-16.
- Thomas, R.B. 1993. Growth, diet, and reproduction of the Red-eared Slider (*Trachemys scripta*) inhabiting a reservoir receiving a cold effluent. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Thornhill, S.G. 1990. Genetic variation among populations of *Eurycea tynerensis* and neotenic *Eurycea multiplicata griseogaster*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Thornhill, S.G. 1994. A Mediterranean gecko (*Hemidactylus turcicus*) from Missouri. *Missouri Herpetological Association Newsletter* (7):9.
- Thornhill, S.G. and R. Powell. 1993. Geographic distribution: *Eumeces obsoletus*. *Herpetological Review* 24:108.
- Toal, K.R. 1991. Geographic distribution: *Eumeces obsoletus*. *Herpetological Review* 22:135.

Partial Bibliography of Missouri Herpetology

- Toal, K.R. 1993. Geographic distribution: *Ambystoma tigrinum*. *Herpetological Review* 24:63.
- Toal, K.R. and J.T. Collins. 2003. *Gastrophryne carolinensis*: Maximum size. *Herpetological Review* 34: 50.
- Toal, K.R. and J.T. Collins. 2003. *Cnemidophorus sexlineatus*: Maximum size. *Herpetological Review* 34: 59.
- Toal, K.R. and D.P. Lombardi. 2004. Addendum: *Herpetological* theses and dissertations from Washington University in St. Louis. *Missouri Herpetological Association Newsletter* (17): 19-21.
- Toal, K.R. and R.S. Reiserer. 1991. A range extension of the Western Massasauga (*Sistrurus catenatus tergeminus*) in Missouri. *Missouri Herpetological Association Newsletter* (4):11.
- Toal, K.R. and R.S. Reiserer. 1992. Geographic distribution: *Eumeces obtusirostris*. *Herpetological Review* 23:89.
- Townsend, T.M. 2002. Squamate molecular phylogenetics: mitochondrial and nuclear perspectives. Washington University PhD Dissertation. 282 p. Advisor: A. Larson.
- Trauth, J.B., R.L. Johnson, and S.E. Trauth. 2007. Conservation implications of a morphometric comparison between the Illinois chorus frog (*Pseudacris streckeri illinoensis*) and Strecker's chorus frog (*P.s. streckeri*) (Anura: Hylidae) from Arkansas, Illinois, Missouri, Oklahoma and Texas. *Zootaxa* 1589: 23-32.
- Trauth, S.E. and C.T. McAllister. 1996. *Cnemidophorus sexlineatus*. *Catalogue of American Amphibians and Reptiles* 628.1-628.12.
- Tucker, J.K., R.J. Cosgriff, and J.B. Towey. 2000. *Apalone mutica*. Geographic distribution. *Herpetological Review* 31:110.
- Tucker, J.K., E. Ratcliff, E.J. Gittinger and J.B. Towey. 2001. Geographic distribution: *Pseudemys concinna*. *Herpetological Review* 32: 117.
- Tucker, J.K. and C.H. Theiling. 1994. Geographic distribution: *Bufo woodhousii fowleri*. *Herpetological Review* 25:32.
- Tucker, J.K. and C.H. Theiling. 1994. Geographic distribution: *Sternotherus odoratus*. *Herpetological Review* 25:32.
- Tucker, J.K. and C.H. Theiling. 1994. Geographic distribution: *Storeria dekayi wrightorum*. *Herpetological Review* 25:35.
- Tucker, M.A. and H.C. Gerhardt. 2011. Parallel changes in mate-attracting calls and female preferences in autotriploid tree frogs. *Proceedings of the Royal Society London B* 279: 1583-1587.
- Tumlison, R. and G.R.Cline. 2003. Association between the Oklahoma salamander (*Eurycea tynerensis*) and Ordovician-Silurian strata. *Southwest Naturalist* 48: 93-95.
- Turner, L.K. 1995. Reproduction and diet of *Pseudemys concinna* inhabiting a cold water reservoir in southwest Missouri. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Unger, S.D. 2003. Sperm production and larval development In Hellbenders (*Cryptobranchus alleganiensis alleganiensis* and *C. a. bishopi*): a comparison of declining and stable populations. Southwest Missouri State University Thesis. Advisor: A. Mathis.

Partial Bibliography of Missouri Herpetology

- Unger, S. and A. Mathis. 2013. Larval growth and the potential for head-starting of Eastern and Ozark Hellbenders (*Cryptobranchus alleganiensis alleganiensis* and *C. a. bishopi*). *Herpetological Review* 44(1): 89-91.
- Unger, S., A. Mathis and R. Wilkinson. 2013. A comparison of sperm health in declining and stable populations of hellbenders (*Cryptobranchus alleganiensis alleganiensis* and *C. a. bishopi*). *American Midland Naturalist* 170: 382-392.
- Vance, T. 1994. Geographic distribution: *Scincella lateralis*. *Herpetological Review* 25:76.
- Van Wagenen, G. 1917. *Diadophis amabilis* in Missouri. *Copeia* 1917:43-44.
- Varma, M.M. 1971. Aldosterone and corticosterone secreting cells in the American Bullfrog (*Rana catesbeiana*) adrenocortical tissue: an ultrastructure study. PhD dissertation. 119 p. University of Missouri-Columbia. Advisor: R.M. deRoos.
- Villa, J.D., and R. Powell. 1980. Voices of Missouri's frogs and toads, by the Missouri Department of Conservation: a review. *Copeia* 1980:189-190.
- Vogt, R.C. 1993. Systematics of the False Map Turtles(*Graptemys pseudogeographica* complex: Reptilia, Testudines, Emydidae). *Annals of the Carnegie Museum* 62:1-46.
- Vogt, R.C. 1995. *Graptemys ouachitensis*. *Catalogue of American Amphibians and Reptiles* 603.1-603.4.
- Vogt, R.C. 1995. *Graptemys pseudogeographica*. *Catalogue of American Amphibians and Reptiles* 604.1-604.6.
- Voltmer, L. 2012. Geographic distribution: *Plestiodon obsoletus*. *Herpetological Review* 43(3): 446.
- Walley, H.D. 1998. *Eumeces anthracinus*. *Catalogue of American Amphibians and Reptiles* (658):1-6.
- Walley, H.D. 1999. *Heterodon nasicus*. *Catalogue of American Amphibians and Reptiles* (698):1-10.
- Walley, H.D. 2003. *Liochlorophis, L. vernalis*. *Catalogue of American Amphibians and Reptiles* 776.1-776.13.
- Walley, H.D., R.B. King, J.M. Ray, and T.L. Wusterbarth. 2012. *Nerodia sipedon*. *Catalogue of American Amphibians and Reptiles* 899: 1-58.
- Walley, H.D. and M.V. Plummer. 2000. *Opheodrys aestivus*. *Catalogue of American Amphibians and Reptiles* (718):1-14.
- Walley, H.D., T.L. Wusterbarth, and K.M. Stanford. 2003. *Thamnophis radix*. *Catalogue of American Amphibians and Reptiles* 779.1-779.13.
- Walts, M.J. 1979. Effects of the breeding state on prey-catching and avoidance behavior in the toad, *Bufo americanus*. MA thesis. 78 p. University of Missouri-Columbia. Advisor: H.C. Gerhardt.
- Ward, J.P. 1970. Accessory respiratory mechanisms developed in response to hypoxia in three species of Chelonia. MA thesis. 67 p. University of Missouri-Columbia. Advisor: D.E. Metter.
- Watson, D.M. 1953. Notes on food habits of snakes in captivity and in nature. *Herpetologica* 9:24.
- Watson, T.R. 2001. The influence of predation risk on the foraging and territorial behavior of the Ozark Zigzag Salamander (*Plethodon angusticlavius*). Southwest Missouri State University Thesis. Advisor: A. Mathis.

Partial Bibliography of Missouri Herpetology

- Webb, R.G. 1990. *Trionyx*. *Catalogue of American Amphibians and Reptiles* 487.1-487.7.
- Weil, M.R. 1976. The effect of temperature on the male reproductive system of the common water snake (*Natrix sipedon*). Saint Louis University Thesis. Advisor: R.D. Aldridge.
- Weil, M.R. 1980. Seasonal androgenesis in the male water snake, *Natrix sipedon*. Saint Louis University Ph.D. dissertation. Advisor: R.D. Aldridge.
- Weil, M.R. and R.D. Aldridge. 1979. The effect of temperature on the male reproductive system of the common water snake (*Nerodia sipedon*). *Journal of Experimental Zoology* 210:327-332.
- Weil, M.R. and R.D. Aldridge. 1981. Seasonal androgenesis in the male water snake, *Nerodia sipedon*. *General and Comparative Endocrinology* 44:44-53.
- Weisrock, D.W. 2003. Molecular phylogenetic studies of speciation and phylogeny in salamanders: macroevolutionary and microevolutionary perspectives. Washington University Ph.D. Dissertation. 313 p. Advisor: A. Larson.
- Welch, A.M. 2000. Call duration as an indicator of heritable genetic quality in Gray Treefrogs. PhD dissertation. 185 p. University of Missouri-Columbia. Advisors: R.D. Semlitsch and H.C. Gerhardt.
- Welch, A.M., R.D. Semlitsch, and H.C. Gerhardt. 1998. Linking call duration and genetic quality in male Gray Treefrogs. *Science* 280:1928–1930.
- Welchert, D.M. and M.S. Mills. 2014. *Sistrurus catenatus tergeminus*: reproduction. *Herpetological Review* 45(1): 147-148.
- Well, M.R. 1980. Seasonal androgenesis in the male watersnake, *Nerodia sipedon*. Ph.D. diss. , St. Louis Univ.
- Wheeler, B.A. 1999. Status of the Ozark Hellbender (*Cryptobranchus alleganiensis bishopi*): a long-term assessment. Southwest Missouri State University Thesis. Advisors: R.F. Wilkinson, Jr. and S.A. Mathis.
- Wheeler, B.A., E. Prosen, A. Mathis and R.F. Wilkinson. 2000. Missouri hellbender status survey. Missouri Department of Conservation.
- Wheeler, B.A., E. Prosen, A. Mathis, and R.F. Wilkinson. 2003. Population declines of a long-lived salamander: a 20+-year study of hellbenders. *Biological Conservation* 109: 151-156.
- White, B.U., E. van der Horst, and R. Powell. 1986. Cytological differentiation of gray treefrogs from Missouri. *Transactions of the Missouri Academy of Sciences* 20:23-24.
- White, D.D., Jr. 1989. Annual reproductive potential, diet, and growth of the Map Turtle, *Graptemys geographica* (Le Sueru) in a Missouri Stream. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Wiggs, J.N. 1976. Food habits, starvation, and growth in the Hellbender, *Cryptobranchus alleganiensis*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Wiggs, R.L. 1977. Movement and homing in the Hellbender, *Cryptobranchus alleganiensis*, in the Niangua River, Missouri. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Wilkinson, R.F. 1962. The reproductive cycle of the Ring-neck Snake, *Diadophis punctatus*. MA Thesis. 43 p. University of Missouri-Columbia. Advisor: C.H.

Partial Bibliography of Missouri Herpetology

- Conaway.
- Wilkinson, R.F. 1965. Seasonal and hormonal changes in the oviduct of *Diadophis punctatus*. PhD dissertation, 74 p. University of Missouri-Columbia. Advisor: C.H. Conaway.
- Wilkinson, R.F. and L.W. Robbins. 1992. Genetic Analysis of species and population differences in *Eurycea*. Final report to the Missouri Department of Conservation, Jefferson City, MO.
- Williams, B.K., T.A.G. Rittenhouse and R.D. Semlitsch. 2008. Litter input mediates larval performance in forest canopy treatments. *Oecologia* 155: 377-384.
- Williams, K.L. 1985. *Cemophora*, *C. coccinea*. *Catalogue of American Amphibians and Reptiles* 374.1-374.4.
- Williams, K.L. 1994. *Lampropeltis triangulum*. *Catalogue of American Amphibians and Reptiles* 594.1-594.10.
- Willis, Y.L. 1954. Breeding, transformation, and determination of age of the Bullfrog (*Rana catesbeiana* Shaw) in Missouri. MA thesis. 63 p. University of Missouri-Columbia. Advisor: T.S. Baskett.
- Wilmes, A.J. and C.E. Montgomery. 2012. Geographic distribution: *Graptemys ouachitensis*. *Herpetological Review* 43(4): 616.
- Wilmes, A.J. and P.J. Muelleman. 2011. Geographic Distribution: *Lampropeltis getula*. *Herpetological Review* 42 (2): 242-243.
- Wilson, T.J. 1993. Predation on Ringed Salamander larvae, *Ambystoma annulatum*. Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Wilson, T. 1999. Reproduction and movement patterns of the Common Snapping Turtle (*Chelydra serpentina*) inhabiting a hypothermic reservoir in southwest Missouri. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Windel, N.L. 2005. Behavioral and metabolic responses of the Southern Red-Backed Salamander (*Plethodon serratus*) to predatory stimuli: influence of body size. Missouri State University Thesis. Advisor: A. Mathis.
- Winter, D.T. 1995. A skeletochronological study to determine the age of the Ringed Salamander (*Ambystoma annulatum*). Southwest Missouri State University Thesis. Advisor: R.F. Wilkinson, Jr.
- Witham, J. 1999. Subspecific and geographic variation in life history characteristics in two subspecies of Painted Turtle, *Chrysemys picta belli* and *Chrysemys picta dorsalis*. Southwest Missouri State University Thesis. Advisor: D. Moll.
- Wittenberg, R.D. 2012. Foraging ecology of the Timber Rattlesnake (*Crotalus horridus*) in a fragmented agricultural landscape. *Herpetological Conservation and Biology* 7(3): 449-461.
- Wittenberg, R.D. and S.J. Beaupre. 2014. Growth of Timber Rattlesnakes (*Crotalus horridus*) in an agriculturally fragmented and a continuously forested habitat. *Herpetologica* 70(2): 171-183.
- Wollard, C.K. 1971. The effect of *Bufo marinus* parotoid venom on *Thamnophis sirtalis*. Southwest Missouri State University Thesis. Advisor: R.L. Philibert
- Woody, D.A. 1996. The role of alarm pheromones in predation avoidance by adult Central Newts, *Notophthalmus viridescens*. Southwest Missouri State University Thesis. Advisor: S.A. Mathis.
- Wray, N., D. Moll and M.B. Anders. 2017. Geographic distribution: USA: Missouri:

Partial Bibliography of Missouri Herpetology

- Macrochelys temminckii*. *Herpetological Review* 48(3): 587.
- Wrensch, Z.C. 2014. Phenotypic consequences of gestation temperature in the Northern Watersnake, *Nerodia sipedon*. Missouri State University Thesis. Advisor: B. Greene.
- Young, J.E. and B.I. Crother. 2001. Allozyme evidence for the separation of *Rana areolata* and *Rana capito* and for the resurrection of *Rana sevosa*. *Copeia* 2001: 382-388.
- Zamudio, K.R. and W.K. Savage. 2003. Historical isolation, range expansion, and secondary contact of two highly divergent mitochondrial lineages in spotted salamanders (*Ambystoma maculatum*). *Evolution* 57: 1631-1652.
- Ziehmer, B. and T. J. Johnson. 1992. Status of the Ozark hellbender in Missouri. Missouri Department of Conservation.
- Zimmer, S.A. 2013. Implications of commercial harvest of river turtles in Missouri. MS Thesis. University of Missouri, Columbia. Supervisor: J.J. Millspaugh.
- Zimmer-Shaffer, S.A., J.T. Briggler and J.J. Millspaugh. 2014. Modeling the effects of commercial harvest on population growth of river turtles. *Chelonian Conservation and Biology* 13(2): 227-236.
- Zippel, K.C. and C. Tabaka. 2008. Amphibian chytridiomycosis in captive *Acris crepitans blanchardi* (Blanchard's cricket frog) collected from Ohio, Missouri and Michigan, USA. *Herpetological Review* 39: 192-193.
- Zug, G.R. 1986. *Sternotherus*. *Catalogue of American Amphibians and Reptiles* 397.1-397.3.