

Oral presentations

A new genus of desmognathan salamander (Plethodontidae) from the early Pliocene Gray Fossil Site of Northeast Tennessee

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Cohabitation patterns between stream salamanders and crayfish in the southern Appalachians

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Microbial assemblage dynamics within the American alligator nesting ecosystem: a comparative approach across ecological scales

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Geometric morphometric analysis of Eastern North American Pitviper vertebrae with implications for fossil identification

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Investigating the proximate mechanisms of habitat constraints in two species of Plethodontid salamanders in the Southern Appalachian Mountains

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Variation in the Slimy Salamander (*Plethodon* spp.) skin and gut microbial assemblages is explained by geographic distance and host affinity

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Testing the febrile response of snakes inoculated with *Ophidiomyces ophiodiicola*, the causative agent of snake fungal disease.

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Demographic traits of freshwater turtles in a maritime forest habitat

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Response to a predator cue from a nonnative fish by a larval predator-naïve salamander (*Desmognathus quadramaculatus*)

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Constantly fluctuating in an inconsistent way: comparing the effects of sinusoidal and naturally fluctuating incubation temperatures on embryo development

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The effect of shedding on snake fungal disease progression in Common Watersnakes (*Nerodia sipedon*)

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The effects of food web complexity and phenological variability of pond breeding salamanders

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Macro-ecological scale geographic variation of a keystone predator in a common garden environment

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Using physiological conditions to assess patterns of subarctic Wood Frog (*Rana sylvatica*) habitat use

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Oxygen consumption during development in embryos of the oviparous snake, *Pantherophis guttatus*

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Characterization of the bacterial cutaneous microbiome of Eastern Hellbenders (*Cryptobranchus alleganiensis alleganiensis*) before and after translocation

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Assessment of turtle and leech (Hirudinea) parasite-host assemblage variation in Middle Tennessee wetlands across a disturbance gradient

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Poster presentations

Habitat selection by Cottonmouths (*Agkistrodon piscivorus*) in Middle Tennessee.

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Development of a molecular genetic method for characterizing amphibian diets

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Predicting Southern Zigzag Salamander (*Plethodon ventralis*) occupancy in a fragmented landscape

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Characteristics of the turtle community in the Freed-Hardeman University research ponds

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Conservation genomics and population status of the Streamside Salamander (*Ambystoma barbouri*) in Tennessee

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Helping Tennessee's native herpetofauna: An overview of local conservation efforts at the Nashville Zoo

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Spatial ecology of Gila Monsters in a nutrient subsidized environment

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Wet rock crevices impact egg deposition and survival in Green Salamanders, *Aneides aeneus*

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Experimental inoculation of *Ophidiomyces ophiodiicola* and resulting mortality in the Common Watersnake (*Nerodia sipedon*)

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