



Missouri Natural Resources Conference

February 2-4, 2021

Virtual Event

POSTER NUMBERS

- **Poster Number 1:** A Novel Method to Assess Substrate Compaction in Lotic Systems
- **Poster Number 2:** Age Distribution and Length of Centrarchid Fish in Small Impoundments of Fort Leonard Wood
- **Poster Number 3:** An eDNA Survey of the Fish Community of the Gasconade River Drainage
- **Poster Number 4:** An Ozark Stream Fish Community Assessment with eDNA Metabarcoding
- **Poster Number 5:** Are We Succeeding In Controlling Invasive *Sericea Lespedeza* (*Lespedeza cuneata*) Populations At Prairie Fork Conservation Area? A Second-Year Project Update
- **Poster Number 6:** Blood Serum Chemistry and Hematology in Field-fresh Common Snapping Turtles (*Chelydra serpentina*) in Northwest Missouri from Summers 2011-2020
- **Poster Number 7:** Comparing Invasive and Noninvasive Sampling Techniques for Monitoring Native Bee Communities at Rocky Point Glade in Kansas City, Missouri
- **Poster Number 8:** Effects of Cover Crop and Tillage on Temporal and Spatial Variations of Phospholipid Fatty Acid Profile of a Claypan Soil
- **Poster Number 9:** Exploring the Relationship between Assessment Metrics and Perceived Success of River and Stream Restoration Projects
- **Poster Number 10:** Freshwater Mussel Status Assessment using a Suitable Habitat Model for the Gasconade River, Missouri
- **Poster Number 11:** Implementing Environmental DNA (eDNA) Methods to Identify and Manage Topeka Shiner (*Notropis topeka*) Populations in Missouri
- **Poster Number 12:** Metal-Contaminated Sycamore Leaves in Big River: Decomposition and Metal Loss
- **Poster Number 13:** Microhabitat Use of Native Crayfish Species in Bull Creek of Southwestern Missouri
- **Poster Number 14:** Missouri Maple Syrup: Production Methods and Lessons Learned from the School of Natural Resources Sugar Shack
- **Poster Number 15:** Oak Regeneration in the Missouri Ozarks: A Preliminary Analysis of How Site Variables and Stocking Affect Temporal Patterns of Advanced Reproduction Abundance.

- **Poster Number 16:** Observations in Nocturnal Use of PVC Pipe Traps by Cope’s Gray Treefrogs (*Hyla chrysoscelis*)
- **Poster Number 17:** Plants’ Arsenal for Waging Chemical Warfare on their Unsuspecting Neighbors: Does the Synthesis and Release of Secondary Negative Allelopathic Metabolites into the Environment Provide a Competitive Advantage to Invasive Plant Species in Missouri Habitats?
- **Poster Number 18:** Population Genetics of Missouri Topeka Shiners (*Notropis topeka*)
- **Poster Number 19:** Relationships between Primary Productivity, Precipitation and Phenology in an Ozark Oak/Hickory Woodland from 2014-2020
- **Poster Number 20:** Spatial and Temporal Patterns of White Oak Mortality in Missouri Detected Using Multicycle Forest Inventory Data
- **Poster Number 21:** We All Live Downstream: Mining-Contamination Can Inhibit Leaf Decomposition and Invertebrate Colonization Downstream
- **Poster Number 22:** White-tailed Deer and Coyote Activity in an Agroforestry Landscape