DIRECTOR OF THE OZARK FIELD RESEARCH STATION

FIRE ECOLOGY OF OZARK FOREST ANTS

Research Topics

- Effects of burn severity on ant community structure
  - Long-term monitoring effort in the Valles Caldera National Preserve
- Effects of fire on rangeland dung beetles
  - Recently published in Rangeland Ecology and Management
- Sustainable agroforestry in Bornean Highlands
  - STEM minority student engagement
  - Applied ecological research

Facilities (if applicable)

- Ozark Field Research Station

A prescribed burn removes overgrown brush at the Matador Wildlife Management Area in Paducah, Texas. We evaluated dung beetle communities on these sites and found changes in community composition resulting from the fire.

PoC

- Robin Verble, Associate Professor
- verbler@mst.edu

Funding

- National Science Foundation, National Park Service, Texas National Guard, Texas Parks and Wildlife Department, Fort Worth Zoo

Keywords

- #Ozarks, wildland fire, forest ecology, Formicidae, Hymenoptera, disturbance ecology, prescribed burning, wildfire, fire severity, burn severity, insect ecology, forest entomology, forestry, STEM minorities

Recognitions/Significant achievements

- Could be recent press
- Nice awards
- Fellowships, etc.
- High impact publications

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