

# Hardwood Ecosystem Experiment



**100  
Year Project**



**August 3, 2021**

**Welcome to our new e-newsletter format of the HEE Update!  
This newsletter will continue to be distributed on a biannual basis.**

## *NEWS*



### **Insight into Research**

Graduate student Reed Crawford wrote an article for the University of Illinois News Bureau about what a 'day in the life' of his field research looks like. Reed is studying Indiana bats on the HEE and is back as a graduate student after spending a summer as a bat technician on the HEE. You can read more about his research and get a glimpse 'behind the scenes' of his research by clicking on the link below.

[Reed Crawford Research Article](#)



## **HEE In-Person Outreach Begins Again!**

After a hiatus for 2020 due to COVID-19, we were able to lead an in-person field tour again this summer for the Natural Resources Teachers' Institute. The Institute is a week-long program for educators coordinated by Project Learning Tree, Purdue FNR Extension and the Indiana DNR. The group got to visit a few HEE Research areas and learn about some of the research we do at the HEE. They also had an opportunity to learn about some survey activities that they could do with their students.



## **Ruffed Grouse Spotted!**

We were very excited to come across a ruffed grouse in one of the HEE areas that was burned last Fall. Ruffed Grouse is state-endangered in Indiana and the last one was seen on the HEE in 2016. We have yet to detect ruffed grouse on our surveys so this was indeed an exciting way to start a morning!



## **More Prescribed Fire for Research**

This spring we did prescribed burns on four of our twelve 10-acre burn areas in Yellowwood State Forest. We will continue to study how prescribed fire effects salamanders, small mammals, vegetation and more on the HEE!

**WELCOME**

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## Brandon Connare

Reed just completed his first year of my PhD at the University of Illinois in Dr. Joy O'Keefe's Lab. Reed got his Bachelor's degree in biology at Indiana State University and his Master's degree at Eastern Kentucky University. Reed is studying the thermoregulatory behavior of Indiana bats and factors that influence roost choice. His hobbies include hiking, birding, and backpacking.

## PUBLICATIONS

**ShaSharp, A.** and **K. Islam.** 2021. Does the intrusion of an avian nest predator elicit a change in the behaviour of a canopy-nesting passerine? *Behaviour*. 1-26. 10.1163/1568539X-bja10078

**BerBergeson, S.M.,** Confortin, K.A., **Carter, T.C., Karsk, J.R., Haulton, S.,** and Burnett, H. 2021. Northern long-eared bats roosting in a managed forest in south-central Indiana, *Forest Ecology and Management*, Volume 483,118928, <https://doi.org/10.1016/j.foreco.2021.118928>.

**MilMilne, M.A.,** Gonsiorowski, J., Tuft, N., Deno, B., Ploss, T., Acosta, J., Frandsen, L. and C. Venable. 2021. Effects of fire on ground-dwelling spider (Araneae) assemblages in Central Indiana Forests. *Environmental Entomology*, <https://doi.org/10.1093/ee/nvab051>.

**Want to keep up with what is going on with the Hardwood Ecosystem Experiment? Follow us on Twitter!**

<https://twitter.com/hardwoodecosys1?lang=en>

If you are not on the HEE newsletter e-mail list, but would like to be added, please email the HEE Project Coordinator, Charlotte Owings, at [freemac@purdue.edu](mailto:freemac@purdue.edu)



## **The Hardwood Ecosystem Experiment**

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