



Fall Report for 2024

December 10, 2024

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We issue two reports annually, one in late spring and one in late fall. Thank you for your patience.

To date we have completed seven seasons on this project, 2018 through fall 2024. Trackers/loggers/transmitters have been deployed on 26 hawks, 15 females, 11 males. We have summer breeding ranges on 25 hawks, we have complete migration data on 13 hawks (two of which remained on or near their summer breeding range all winter) and partial migration data on three other hawks, one of these we hope to get complete migration data by next spring. We have eight active CTT Trackers, six are on hawks and two have not been deployed yet. Any of these six hawks could give us migration data but three of them have low batteries.

Overall Migration Fall 2024

We have recent fall migration data for three hawks, all males (see map below). One of these hawks returned to the same wintering area he used last year (2023). The other two males were deployed this summer. All these hawks are fitted with CTT Tracker type transmitters and report their locations via cell towers and internet so we can track them on our computers as they migrate if their solar batteries remain above 3.7 volts.

Central Wisconsin Update

We have fall 2024 migration data for two male hawks from Central Wisconsin. One returned to the same wintering area he used in 2023, north central Arkansas. The other was deployed this summer and so far (Dec. 10) has migrated to central Tennessee (see map below).

Northeast Wisconsin Update

A male captured at the Brown County Reforestation Camp in late May 2024 has migrated to east central Mississippi (see map and photo below).

Update from Matthew

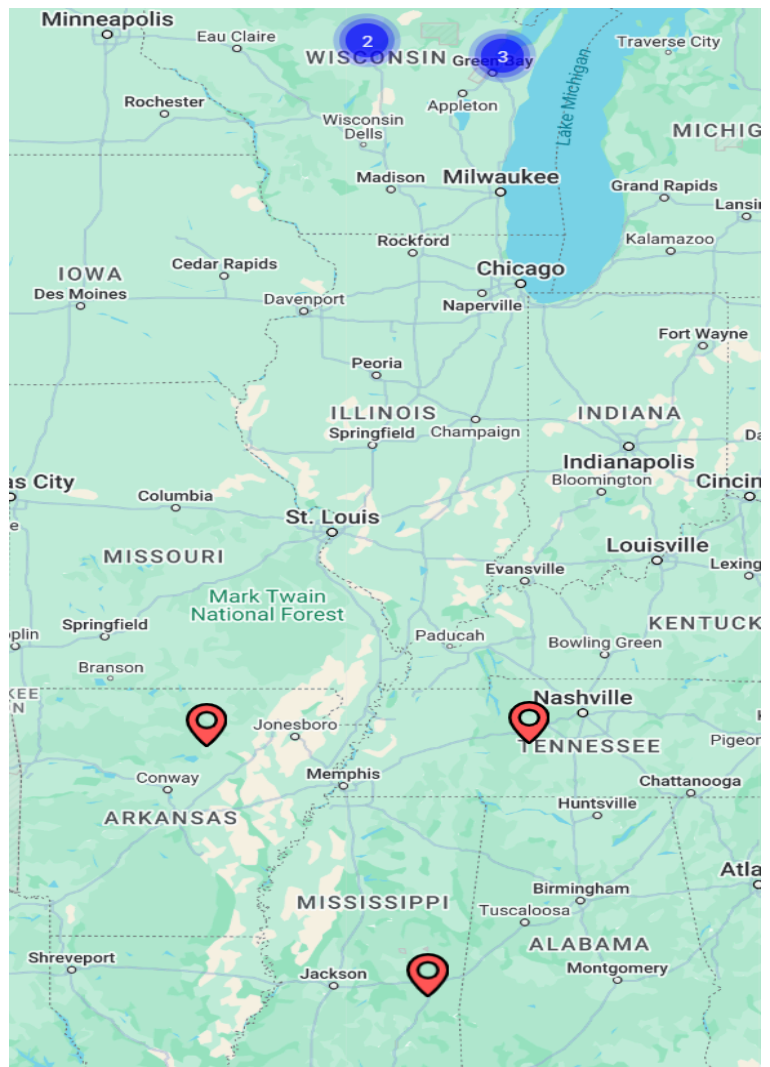
I moved to Oregon over one year ago and started a new job as a Wildlife Biologist for the Burns-Paiute Tribe. My new role includes monitoring nest boxes for American Kestrels and Mountain Bluebirds, conducting Greater Sage-Grouse lek surveys, and winter raptor surveys. I'm also continuing to work on publishing my master's research in the Journal of Raptor Research.

-Matthew

Map 1. Fall 2024

Fall/Winter Red-shouldered Hawk

Locations



Male Red-shouldered Hawk at nest, Reforestation Camp, Brown County, June 24, 2024. The young have fledged but will return to the nest for food.



Donor List

Northeastern Wisconsin Bird Alliance (formerly Northeastern Wisconsin Audubon Society) remains the sponsoring agency. All donations are tax exempt and coordinated through its treasurer. We thank all our donors for their generous contributions to this project.

Major Sponsor \$2500- \$10,000

Northeastern Wisconsin Bird Alliance, Southern Wisconsin Bird Alliance (formerly Madison Audubon Society), Aldo Leopold Audubon Chapter of Stevens Point, American Wildlife Conservation Foundation, Brown County Conservation Alliance, Ed Smith, Milsar Inc., Wisconsin Audubon Council.

Sponsor \$1,000 - <\$2,500

University of Wisconsin- Stevens Point Graduate Program, Wisconsin Society for Ornithology, Wisconsin Natural Resources Foundation, Paul and Annie Mueller, Erik and Sharra Brockman, Dianne and Rick Leyerie, Lucy Nitz and Brent Brye, Fritz Hildebrand, Richard Hansen, Raptor Inc.- Jeff Hayes, Bird City Green Bay, and Jane Wood.

Research Partner

Wisconsin Department of Natural Resources-Natural Heritage Conservation, Raptor Services-LLC, Brown County of Wisconsin Parks, University of Wisconsin-Stevens Point Graduate Program.

Donor Less than \$1000

Karen Dostal, Matt Hanneman, Brad Zinda, John and Brenda Warren, Wausau Bird Club, Beth Aschenbrenner, Dennis Malueg, and Ron Widi.

Programs 2024

One in-person program was given in February, and a Zoom program was given in November.

Planning 2025

- Wrap up telemetry on adult Red-shouldered Hawks this spring
- Publish an article in The Journal of Raptor Research
- Recapture some adults to remove or examine their loggers
- Give presentations through Zoom and in-person to the general public and present posters and papers at wildlife conferences
- Post social media articles, like Meta and Twitter, to share information about this project
- Deploy loggers on nestlings as a start on Phase 2, *Tracking Young Phantoms*
- Get graduate students involved in Phase 2

*All banding, marking, telemetry, and sampling is being conducted under federally authorized Bird Banding Permits, issued by the U.S. Geological Survey's Bird Banding Lab and state permits issued by the Wisconsin Department of Natural Resources. All birds are immediately released to the wild after processing.