

A generalizable tool for predicting developmental phenology for wild poikilotherms.

Morgan M. Sparks^{1,3}, Brian C. Leavell², Bryan M. Maitland¹

¹Rocky Mountain Research Station, U.S. Forest Service, Boise, Idaho, USA

²Smithsonian Tropical Research Institute, Apartado, Balboa, Ancón, Panamá

³Corresponding author, Morgan.Sparks@usda.gov

Running title:

Predicting developmental phenology in the wild

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Data Availability

hatchR is an open-source software environment distributed via CRAN and additional details hosted at software website (<https://bmait101.github.io/hatchR/>). Reproducible methods for this manuscript are available at the manuscript github (https://github.com/morgan-sparks/hatchR_nonfish) in the `paper.Rmd` file. The repository will become public and publicly archived with a DOI at acceptance of the manuscript.

Conflict of interest

The authors declare no known conflict of interest.

Author Contributions

Morgan Sparks and Bryan Maitland developed the software and conceived the manuscript. All authors collected data and wrote and edited the manuscript. This manuscript describes an application for software for poikilotherms. As such, it has no specific locale for data collection, however significant effort was made to represent a globally and taxonomically diverse set of species for case studies and model sources.