

Jordan Ellison

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Education

B.A. with Distinction in Organismal Biology & Ecology — May 2019

Colorado College — Colorado Springs, CO

Senior Thesis: "The Rodent Eats the Raptor: Impacts of Red Squirrels (*Tamiasciurus hudsonicus*) on Flammulated Owl (*Psiloscops flammeolus*) Nest Success and Habitat Selection"

jellison8640.github.io/site/

Twitter: @j_ellison10

Research and Work Experience

Waterbird Monitoring Program Conservation Internship — January 2020-Present

Bahía de Kino, Sonora, Mexico—Prescott College Kino Bay Center

- Complete standardized surveys to monitor the status of waterbirds in the region
- Analyze long-term data from regular survey and nest monitoring efforts
- Collaborate with other internal community and conservation programs

Program Assistant — October 2019-December 2019

Costa Rica and Belize—Colorado College FSA Program

- Communicate biological and ecological themes and theories to first-year students
- Find and identify a variety of plants, birds, insects and other animals in tropical forests
- Help plan and supervise daily lessons and activities

Fall Raptor Migration Technician — August 2019-October 2019

Chelan, WA—HawkWatch International

- Identify and count migrating diurnal raptors in-flight
- Trap raptors using lure birds and mist nets, Dho-ghazza nets and bow nets
- Effectively engage visitors regarding raptor biology, ecology and conservation
- 24 raptors banded, several more handled

Field Research Assistant — Summers 2017-2019

Colorado Springs, CO—Colorado College Department of Organismal Biology & Ecology

- Search for and monitor Flammulated Owl nests across four study areas
- Capture, handle and process adults and nestlings
- Mentor and teach field skills to new technicians as crew lead in 2019
- ~60 owls banded, ~30 bled, 7 GPS tags attached (backpack method)

GIS Lab Technician — August 2017-May 2019

Colorado Springs, CO—Colorado College Office of Information Technology

- Troubleshoot and problem solve to teach students basic to advanced skills
- Create, analyze and manage large vector and raster datasets
- Communicate and visualize geographical information across various disciplines
- Prepare workflows and labs, as well perform demonstrations for classes

Senior Thesis — Fall 2018-Spring 2019

- Complete distance sampling along line transects to estimate Red Squirrel density
 - Detect Red Squirrels using visual and auditory observations
 - Analyze a large dataset associated with a long-term ecological study on Flammulated Owls
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Skills

- Safely capture and process diurnal raptors, small owls and songbirds
- Identify North American birds by sight and sound
- Identify various herbs, shrubs, and trees found in Western North America
- Proficient with using R to manipulate, analyze and visualize data

- Work effectively with Geographic Information Systems (GIS) using ESRI Products and R
 - Proficient in Microsoft Office in English and Spanish
 - Fluent in Spanish
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Conference Presentations

Ellison, J.T. and Linkhart, B.D, Effect of Nest Predation on Flammulated Owl (*Psiloscops flammeolus*) Nest Site Selection. Poster Presentation at 2020 North American Ornithological Conference. *Abstract Accepted. Virtual Event Anticipated in August 2020.*

Ellison, J.T. and Linkhart, B.D, The Rodent Eats the Raptor. Oral Presentation at Colorado College's annual Organismal Biology and Ecology meeting. Colorado Springs, CO. March 2019.

Ellison, J.T. and Linkhart, B.D, Does risk of predation affect nest site selection of Flammulated Owls (*Psiloscops flammeolus*)? Poster Presentation at Midstates Undergraduate Research Symposia, University of Chicago, Chicago, IL. November 2018.

Ellison, J.T. and Linkhart, B.D, How does proximity to predator activity centers affect nest site and success in Flammulated Owls (*Psiloscops flammeolus*)? Poster Presentation at GIS in the Rockies, Geospatial Conference of the Rocky Mountain West, Denver, CO. September 2018.

Ellison, J.T. and Linkhart, B.D, How does proximity to predator activity centers affect nest site and success in Flammulated Owls (*Psiloscops flammeolus*)? Poster Presentation at Colorado Springs Undergraduate Research Forum (CSURF), Colorado Springs, CO. April 2018.

Dorwart, L.D., **Ellison, J.T.**, Linkhart, B.D, Stein, E.S., Environmental and ecological impacts of Flammulated Owls (*Psiloscops flammeolus*) in the Pikes Peak Region. Poster Presentation at Summer Collaborative Research Symposium, Colorado Springs, CO. September 2017.

Awards and Activities

Invited to 2020 Diversity Preview Weekend, Cornell University EEB Dept. — *Postponed*
Event moved to August 2020 due to COVID-19.

Student Membership Award Recipient, American Ornithological Society (AOS) — January 2020

The Enderson Award in Conservation Biology, Colorado College Dept. of Organismal Biology & Ecology — May 2019

This award in honor of Professor Jim Enderson is awarded to a student who has shown commitment and productivity in an original research project in conservation biology.

Volunteer Banding Assistant, IBP MAPS station, Woodland Park, CO — Summers 2018, 2019

Assist in data collection and processing of songbirds.

~20 songbirds banded and extracted from mist nets.

Student Tutor Colorado College Dept. of Organismal Biology & Ecology — Fall 2018

Conducted review sessions with introductory ecology class and worked individually with students.

Invited Workshop Participant, PROGRESS (PROmoting Geoscience Research, Education and SucesS) — October 2016

Professional Memberships

American Ornithological Society (AOS) — Since January 2020

Society Advancing Chicanos/Hispanics & Native Americans in Science (SACNAS) — Since May 2020

References available upon request.