

# Slaney Stringer

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## **PROFESSIONAL STRENGTHS**

- Proficient in various methods of surveying / monitoring wildlife including bioacoustics, point transects, telemetry, and GIS.
- Strong organizational abilities and high attention to detail.
- Proficient in data analysis on excel and R coding language.
- Effective at basic and advanced laboratory work.
- High aptitude for learning new skills.
- Exceptional written and oral communication skills with experience in grant writing.

## **EDUCATION**

### **Bachelor of Science, Biological Sciences**

May 2021, California State University, Chico

Relevant coursework: Mammalogy, Zoology, Herpetology, Ornithology, Applied Statistical Methods, Fundamentals of R, Herpetology, Applied Ecology, Environmental Literacy, Organic Chemistry, Physics.

## **PROFESSIONAL EXPERIENCE**

### **Student Research Assistant, Salmon Habitat Restoration Project**

Jun 2021 - Present, Red Bluff, CA

Banet Lab, Chico State Enterprises

Skills: mapping habitat (cover, depth, velocity), snorkel surveys, use of GIS equipment.

### **Student Technology Assistant, Classroom Technology Services**

Jan 2019 - Mar 2020, Chico, CA

California State University Chico

Skills: extensive use of excel, assembling a computer, fixing / maintaining classroom equipment.

### **Laboratory Technician, National Forest Genetics Laboratory**

Mar 2017 - Aug 2018, Placerville, CA

US Forest Service

Skills: PCR, gel electrophoresis, DNA extraction, chemical solutions, tissue dissection, general lab maintenance.

## **SUPPORTIVE EXPERIENCE**

### **Seasonal Volunteer, Gray Lodge Wildlife Area**

Apr 2019 - Mar 2020, Gridley, CA

-Wood Duck Box Program: Setting up, checking and maintaining boxes, counting eggs, monitoring and banding hens.

-Electrofishing: Survey for Sacramento Carp, electrocuted and processed fish (took measurements and biological samples).

### **Seasonal Assistant, California Department of Fish and Wildlife**

Irregularly over 4 years, El Dorado County, CA

Black bear capture / releases, bat mist netting, deer capture and telemetry surveys, bald eagle population surveys.

## **RESEARCH EXPERIENCE**

### **Predation of Bald Eagle's Effect on Waterfowl Behavior**

Aug 2020 - Jan 2021, Undergraduate assistant at California State University, Chico

Description: Assisted graduate student Kevin Dodd in field work / data collection for his thesis. Involved recording time budgets for waterfowl at the Llano Seco Wildlife Refuge, observing their behavior, and monitoring the presence / absence of bald eagles in the area.

### **Population Changes & Habitat Preferences of Songbirds in Northern California**

Aug 2017 - May 2018, Senior research project at El Dorado High School

Description: I designed and conducted a year long study of songbirds comparing two different habitats (mixed conifer forest vs. sugar pine grove) to monitor for preference and population fluctuations. Point transect surveys, call surveys, and bioacoustics were the methods used to collect data.

## **PROFESSIONAL DEVELOPMENT**

### **Attended 42nd New Phytologist Symposium**

Aug 2018, Tahoe, CA

Heard talks on: lignification in Eastern Leatherwood, adaptation signal for drought in white spruce, Genetic architecture shaping wood biology in Eucalyptus, Mountain forests respond to climate change, reverse engineering networks of secondary growth and their evolution in plants, etc.

## **AWARDS & CERTIFICATIONS**

### **Swiftwater Rescue Certification**

Jun 2021, Coloma, CA

Learned skills: Various knots, throw bag rescue, high line rescue, contact rescue, risk assessment, scene management, stabilization lines.

### **California Boating License**

Jun 2021, Aceboater online

Learned: Basic boating safety and maintenance skills.

### **Wildlife Acoustics Scientific Product Grant**

Jan 2018, Placerville, CA

Description: Applied for and was awarded a grant that provided my songbird research study with a Song Meter SM4, a wildlife audio recorder that allowed us to record birds and analyze their calls with a linked software program.