

Taylor Stephens (she/her)

Friday Harbor, WA | taylor.stephens@gmail.com | 760-846-1152

EXPERIENCE

San Juan Island National Park Service:

Friday Harbor, Washington

Natural Resources Volunteer, August 2023-present

- ❖ Assist in rearing operations of the endangered Island Marble butterflies in the NPS lab
- ❖ Analyze ultrasonic audio data for island bat populations
- ❖ Restore native plant populations and remove invasive species
- ❖ Maintain park grounds and educate members of the general public on island history and wildlife conservation

Oregon State University: Wenatchee, Washington

Washington Bat Hub Field Lead, June-September 2023

- ❖ Monitored bat populations for white-nose syndrome through capture via mist netting, pit tagging, banding, and data recording of treatment results
- ❖ Coordinated with private landowners and government agencies to ensure access to deployment sites
- ❖ Prepared weekly schedules for deployments, training, and other events and trained project collaborator employees on field protocols
- ❖ Managed and organized audio data for analysis of bat diversity
- ❖ Deployed Peterson D500X ultrasonic recording devices across the state of Washington and recorded habitat conditions at each sample unit

Plumas Audubon Society: Quincy, California

Field Crew Lead, March 2023-June 2023

- ❖ Monitored Sierra Nevada Yellow-legged frog populations through pit tagging, recording anatomical measurements, and population density in Alpine streams
- ❖ Conducted broadcast acoustical surveys for Northern Spotted Owl detections
- ❖ Prepared weekly schedules for field outings and data entry
- ❖ Coordinated with project collaborators including U.S. Forest Service and local non-profits

Chicago Botanic Garden: Susanville, California

Lead Botanist, June-November 2022

- ❖ Mapped angiosperm populations and monitored population phenology in Lassen and Modoc counties
- ❖ Collected and pressed herbarium voucher specimens and sent to the Smithsonian and other project collaborators
- ❖ Prepared a weekly schedule for seed collection and shipment processing as well as data entry and analysis
- ❖ Collected seeds for 36 target species population

EDUCATION

Sonoma State University: Rohnert Park, CA
Bachelor of Science in Biology (May 2020)

PROFESSIONAL SUMMARY

Responsible and dedicated individual with driven leadership skills along with 3 years of experience in biological field surveying, data analysis, and report writing. Highly organized in preparing documentation, schedules, and communications, effective while working in groups or individually in various work environments.

SKILLS

- Fieldwork and team support
- Database entry and data analysis
- Extensive experience operating 4x4 and manual transmission vehicles
- Databases and platforms: Microsoft Excel and Access, Raven Lite, SonoBat, Arbimon, ArcGIS Pro, Survey 123, Field Maps, Gaia, and Trimble GPS

INTERESTS

- Backpacking and hiking
- Reading and journaling
- Gardening and cooking

CERTIFICATIONS

- Wilderness First Aid Certified
- American CPR Certified
- COVID-19 vaccinated
- Rabies vaccinated (3-dose PrEP)

PUBLISHED WORK

Snyder, R., Clark, M., Salas, L., Schackwitz, W., Leland, D., Stephens, T., Erickson, T., Tuffli, T., Tuffli, M. and Clas, K., 2022. The Soundscapes to Landscapes Project: Development of a Bioacoustics-Based Monitoring Workflow with Multiple Citizen Scientist Contributions. *Citizen Science: Theory and Practice*, 7(1), p.24. DOI: <http://doi.org/>

Wild Arizona: Tucson, Arizona

Lead Biologist, September 2021-May 2022

- ❖ Monitored flora and fauna populations and composed corresponding narratives for multiple wilderness areas in collaboration with the Tonto National Forest
- ❖ Restored riparian habitats by removing non-native flora populations and replanting native species
- ❖ Built and restored trails using various equipment including traditional crosscut saws and chainsaws

Point Blue Conservation Science: Chester, California

Northern Sierra Field Technician, April-August 2021

- ❖ Deployed Wildlife Acoustics recording devices throughout the northern Sierra, built structures to support devices and analyzed audio data for bat diversity
- ❖ Conducted avian point count surveys of all avian populations including management indicator species
- ❖ Monitored Northern Goshawk populations through intensive nest searching and broadcast acoustic surveys
- ❖ Recorded flora population data at every research site

Point Blue Conservation Science: Petaluma, California

Soundscapes to Landscapes Project Coordinator

September 2019-August 2020

- ❖ Monitored avian populations within Sonoma County through avian point count surveys
- ❖ Deployed AudioMoth recording devices on private and public land and analyzed audio data for avian diversity
- ❖ Coordinated with private landowners and park managers to arrange access logistics for Audiomoth deployments
- ❖ Trained volunteers and interns on field protocols and avian species identification through audio data analysis

REFERENCES

Claire Crawbuck | she/her

Park Biologist

San Juan Island National Park Service

Phone: 360-472-1752

Email: claire_crawbuck@nps.gov

Rose Snyder | she/her

Director of Community Engagement

Point Blue Conservation Science

Phone: 707-834-1627

Email: rsnyder@pointblue.org

Matthew Clark | he/him

Professor/Principal Investigator

Sonoma State University

Phone: 707-228-0641

Email: matthew.clark@sonoma.edu

*Additional references available upon request