

MICHAEL D. MULROY

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EDUCATION

M.S. Student, Biological Sciences Department.

California Polytechnic Institute, San Luis Obispo, December 2021 (projected)

Advisor: Nishanta 'Nishi' Rajakaruna, PhD, Associate Professor, email: nrajakar@calpoly.edu

Bachelor of Arts in Environmental Analysis, Biology Concentration

Pomona College, Claremont, CA, May 2010

RECENT WORK EXPERIENCE

Teaching Associate, BIOLOGICAL SCIENCES DEPT., Cal Poly SLO (Sept. 2019 – June 2021).

- Introductory Ecology & Evolution (BIO 263)
- Introductory Botany (BOT 121)
- General Biology (BIO 111)
- Plant Diversity & Ecology (BIO 114)

Biologist, ALTHOUSE & MEADE, INC. San Luis Obispo, CA. Aug. 2020– present. Supervisor: Will Knowlton, email: will@althouseandmeade.com

- Conduct avian fatality and nesting surveys at Cal Flats Solar Farm
- Conduct San Joaquin kit fox den surveys, monitoring, and telemetry

Crew Leader/Biologist, CHANNEL ISLANDS RESTORATION, Santa Barbara, CA. Oct. 2018 – Aug. 2020. Supervisor: Elihu Gevirtz, phone: (805) 448-4175; email: eliu@cirweb.org

- Conduct breeding season bird surveys and reporting for San Marcos Foothills Preserve (2019-2021), and managed habitat restoration activities (2019)
- Crew leader and lead bird surveyor, bird and plant surveys in Sierra Madre Potreritos (2019)
- Conducted surveys and mapping of sensitive and invasive plant species

Environmental Conservation Volunteer, U.S. PEACE CORPS, Panamá, Feb. 2016 – May 2018. Supervisor: Francisco Santamaría, phone: +507 317-3326; email:

fsantamaria@pa.peacecorps.gov

- Lived and worked in a small rural community in Panamá for 2 years
- Coordinated and provided training in the construction of 25 fuel-efficient wood-burning stoves in the community, improving outcomes in local deforestation and health
- Coordinated community reforestation projects and organized quarterly community cleanups
- Taught environmental education lessons in Spanish at the local primary school

Wildlife Biologist, GARCIA AND ASSOCIATES (GANDA), San Francisco, CA. June 2010 – February 2016. Supervisor: Joe Drennan, office phone: (415) 642-8969; email:

jed@garciaandassociates.com

- Conducted surveys for western burrowing owl, golden eagle, and Swainson's hawk
- Conducted nesting bird surveys and monitoring for Migratory Bird Treaty Act compliance
- Supervised large-scale construction projects for environmental permit compliance
- Monitored amphibian and salmonid populations for multi-year projects, including foothill yellow-legged frog breeding surveys and redd surveys for coho salmon and steelhead

PRESENTATIONS, AWARDS, & VOLUNTEERING

- **Volunteer**, Carpinteria Salt Marsh Long Term Avian Monitoring Program, Mar 2019 – present
- **Group leader, Audubon Society Christmas Bird Counts, Santa Barbara & Carpinteria, 2018 & 2019**
- **Accepted Conference Presentations, 10th International Conference on Serpentine Ecology**, Ekaterinburg, Russia (conference postponed until June 2021):
 - 1) Mulroy, M., Dart, J., Fryday, A.M., and N. Rajakaruna. 2020. **An investigation of lichen biotas of ultramafic and sandstone outcrops along a maritime gradient in Central CA.**
 - 2) Mulroy, M., Dart, J., Fryday, A.M., and N. Rajakaruna. 2020. **A review of the state of knowledge of lichens of ultramafic substrates in North America.**
- **Symposium presenter**, California Botanical Society 28th Graduate Student Symposium, May 2021. **Lichen biotas of ultramafic and sandstone outcrops along a maritime gradient.**
- **Awardee**, 2020 California Lichen Society (CALS) Grant
- **Awardee**, 2020 Culberson & Hale Field Lichenology Research Award, American Bryological and Lichenological Society (ABLS)
- **Awardee**, 2020 Northern California Botanists Research Scholarship
- **Awardee**, 2020 Paul Silva Student Research Grant, California Botanical Society
- **Awardee**, 2020 Malcolm McLeod Scholarship, California Native Plant Society (CNPS) SLO Chapter

PUBLICATIONS

Mulroy, M. & Wiseman, K. (2012). *Elgaria multicarinata* (southern alligator lizard) oviposition site and egg attendance. *Herpetological Review* 43(3): 483-484.