



Lindsay Faye Domecus

Biologist, Restoration Ecologist

EXPERTISE

- Environmental Physiology
- Wetland Ecology
- Environmental Education
- Biological Monitoring
- Habitat Restoration
- Plant Identification
- Field Coordination

EDUCATION

M.S., Marine Science, Estuary & Ocean Science Center, San Francisco State University, 2017

B.S., Biology, Marine Biology concentration, Environmental Studies minor, California Polytechnic State University, 2013

CERTIFICATIONS

U.S. Sailing Basic Powerboat Certification, Nautical Solutions, April 2018

PADI Certified Scuba Diver, since summer of 2007

PROFESSIONAL HISTORY

Biologist, Olofson Environmental, Inc., Oakland, CA, 2017–Present

Assistant to Outreach Coordinator, Estuary & Ocean Science Center, San Francisco State University, 2016–2017

Executive Assistant, Nature in the City, San Francisco, CA, 2014–2016

Graduate Teacher's Assistantship, San Francisco State University Biology Department, San Francisco, CA, 2014–2017

Biological Intern/ Research Assistant, California Polytechnic State University, San Luis Obispo, CA, 2009–2013

PUBLICATIONS

Master's Thesis: *Temperature and salinity stress alter metabolism and epiphyte grazing in Phyllaplysia taylori*. L. Faye, 2017

REPRESENTATIVE EXPERIENCE

Lindsay Faye Domecus is a marine scientist with over ten years of experience participating in and conducting lab and field research in a variety of marine ecosystems along the California Central Coast and in the San Francisco Bay Area. Her scientific background includes marine and environmental physiology, wetland habitat restoration, and environmental education.

Ms. Domecus has participated in research studies related to both wetland and open-water marine ecosystems and environmental physiology. As an undergraduate, she assisted graduate students with their research involving the impacts of chemical water contamination on the endocrine system of the arrow goby, and the physiological effects of marine protected areas on rockfish along the California Central Coast. As a graduate student in Jonathon Stillman's environmental physiology lab at San Francisco State's Estuary & Ocean Science Center (EOS), Ms. Domecus research focused on the physiological effects of both temperature and salinity on the metabolic and grazing rates of *Phyllaplysia taylori*, or Taylor's sea hare, in eelgrass beds throughout the San Francisco Bay. She simultaneously assisted fellow graduate students in projects involving *P. taylori* ecophysiology, community ecology, and population biology, as well as the physiological impacts of climate change on *Petrolisthes cintipes*, the Flat Porcelain Crab. Outside of her environmental physiology lab work, Ms. Domecus participated in a wetland eelgrass restoration project spearheaded by the Boyer Lab at EOS.

Ms. Domecus has also participated in a variety of environmental outreach programs. At Nature in the City, a San Francisco non-profit organization, she helped to organize education and restoration projects aimed at connecting San Franciscans to local nature. During her time at EOS, she worked directly for the outreach coordinator, contributing to public outreach efforts focused on ocean health advocacy and science communication.

As a biologist and restoration ecologist at Olofson Environmental, Inc., Ms. Domecus has gained experience working in sensitive wetland habitats around the San Francisco Bay. Here, she has gained and honed skills including wetland plant identification, GIS, data collection for long-term ecological monitoring projects, construction monitoring, field coordination, and assistance of permitted biologists in conducting call count surveys both of Black Rails and the endangered California Ridgeway's rail.