

Josie Moss
Field Biologist
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EDUCATION

B.S. Ecology and Evolutionary Biology, 2009. University of Santa Cruz, CA.

EMPLOYMENT HISTORY

2014 **Field Biologist**, California Environmental Services
2010-Present **Field Biologist**, D.W. Alley & Associates
2010-Present **Botany Field Biologist**, Ecosystems West Consulting Group
2010-Present **Field Biologist**, Dawn Reis Ecological Studies
2011-2013 **Docent**, Seymour Center at Long Marine Laboratory
2010-2011 **Pelagic Seabird Internship**, OIKONOS, Año Nuevo State Park
2009 **California Native Plant Garden Assistant**, UCSC Arboretum

REPRESENTATIVE EXPERIENCE

- 2014 **California Environmental Services, San Ramon, CA**
- Survey and rescue of California red legged frogs in all life stages, in association with reservoir drawdown;
 - Removal and relocation of Dusky-footed woodrat stick houses;
 - Night surveys for various bat species using infrared camera and AnaBat detector.
- 2010-Present **D.W. ALLEY & Associates, Brookdale, CA**
- Monitoring, relocation and population censuring of steelhead, tidewater goby and other fishes in Santa Cruz Mountain watersheds and lagoons and the Santa Clara Valley, using electrofishing, seining, fin clipping, dip-netting and data recording.
 - Block nets installed. Perform wood surveys in Santa Cruz County watersheds.
- 2010-Present **Ecosystems West Consulting Group, Santa Cruz, CA**
- Perform rare plant survey on the Fort Ord Military base.
 - Conduct plant transects, monitoring for presence of rare and endangered shrubs. Also conducted annual plant density sampling. Use of Trimble GPS unit.
- 2010-present **Dawn Reis Ecological Studies, Watsonville, CA**
- Rescue of endangered California red legged frogs and their tadpoles by hand capture, monitoring fish traps, dip-netting and

seining associated with reservoir drawdown at San Clemente Dam on the Carmel River;

- GPS locations recorded for CRLF adults;
- Removal of bullfrogs and their tadpoles.

2011-2013 **Seymour Center at Long Marine Lab, Santa Cruz, CA**

- Provide guided tours around the grounds and interpret exhibits in order to enhance visitors experience and understanding of the ecology of our marine environment.

2010 -2011 **OIKONOS, Año Nuevo State Park, Pescadero, CA**

- Restoration and re-vegetation of Año Nuevo Island with California native plant species as well as installations of rhinoceros auklet nest modules;
- Collection of data from auklet chicks including weight, feathering status, and measurements of P10 and wing-cord;
- Mist netting and banding experience along with collection of auklet bill-loads for diet sample analysis.

2009 **UCSC Arboretum, Santa Cruz, CA**

- Provided manager with all garden needs including seasonal pruning of native grasses, and other perennials, weeding, mulching, planting, and watering;
- Taught volunteers in plant identification and proper pruning techniques.