



## *Northern California Botanists 2025 Symposium*

### *Collaboration, Diversity, and Partnerships In Northern California Botany*

13-14 January 2025 \* California State University, Chico \* Bell Memorial Union Auditorium and Online

#### ***DRAFT PROGRAM***

### **Monday, 13 January**

**7:30** Check-in for registered participants, late registration, and poster set-up

**8:45** Opening Remarks:

*Linnea Hanson, President of Northern California Botanists*

**8:50** Welcome:

*David Hassenzahl, Dean, College of Natural Sciences, California State University, Chico*

**9:00** Session 1: Collaboration and Partnership

*Session Chair: Kerry Byrne, Cal Poly Humboldt*

Building collaborations and partnerships along the North Coast

*Crystal Kunz, Bureau of Land Management, Arcata Field Office*

The evolution of public/private sector partnerships for building a locally sourced seed industry in California

*Ed Kleiner Comstock, Comstock Seeds*

Collaborative conservation: Community action to transform Sausal Creek

*Kate Berlin, Friends of Sausal Creek*

Ecological restoration, workforce development, and community stewardship at Heron's Head, San Francisco Bay

*Patrick Marley Rump, Literacy for Environmental Justice*

**10:20** Break

**10:40** Session 2: Coastal Botany: Plant Life, Restoration, and Management

*Session Chair: Karen Holl, University of California, Santa Cruz*

Using fire and fuel breaks to promote recovery of Santa Cruz (Ben Lomond) Wallflower (*Erysimum teretifolium*), an endangered plant endemic to the Santa Cruz Sandhills

*Jodi McGraw, Jodi McGraw Consulting*

Restoring coastal grassland on deeply scraped soils in Monterey County, California

*Andrea Woolfolk, Elkhorn Slough National Research Reserve*

Asilomar State Beach and Fort Ord Dunes State Park restoration: Compare and contrast the past and future

*Amanda Preece and Nicole Leatherman, Monterey District, California Department of Parks and Recreation*

Restoration of native coastal salt marsh and dune mat communities at the Ocean Ranch Unit of the Eel River Wildlife Area, Humboldt County, California

*Kelsey McDonald, California Department of Fish and Wildlife*

**12:00 Lunch**

**12:00 – 1:00 An informal discussion on collaboration, diversity, and partnership will be held in Colusa Hall.**

**1:20 Session 3: Oak Restoration and Conservation**

*Session Chair: Nicole Jurjavic, Stillwater Sciences*

Conifer encroachment and removal in oak woodlands: Influences on ecosystem physiology and biodiversity

*Lucy Kerhoulas, Cal Poly Humboldt*

Novel climate change adaptation strategies for conserving drought-adaptive blue oak genotypes in California

*Alissa Fogg, Point Blue Conservation Science*

Mediterranean oak borer and other pests and diseases of oaks

*Michael Jones, University of California, Agriculture and Natural Resources*

North Coast oak woodland restoration: Oregon white oak and black oak tree response to release from Douglas-fir encroachment

*Yana Valachovic, University of California, Agriculture and Natural Resources*

**2:40 Break**

**3:00 Session 4: New Discoveries**

*Session Chair: Len Lindstrand III, Sierra Pacific Industries*

Rediscoveries, range extensions, and otherwise notable collections while creating the upcoming Flora of Nevada County

*Shane Hanofee*

A new subspecies of *Oenothera deltooides* from the eastern Antioch Dunes sand sheet in the San Francisco Bay-Delta region

*Karen Thorne, United States Geological Survey*

Newly described *Atriplex gypsophila* (Chenopodiaceae) and a summary of the annual *Atriplex* species of California's Great Valley

**Rob Preston**

*Carex holmgreniorum*, a new *Carex* species for California from Mono County

**Steve Matson**

**4:20 Session 5: Lightning Talks**

*Session Chair: Kristen Kaczynski, California State University, Chico*

## Evening Activities

**5:15 – 6:15 Reception:** A No-Host Bar with complimentary hors d'oeuvres will be held in Colusa Hall.

**6:30 Banquet** (tickets required): Buffet dinner menu still to be determined.

**7:30 Keynote Speaker: Patrick Reynolds, Heritage Growers and River Partners**  
**Title of Talk: Production of Native Seed Ecotypes to Support Diverse Large-scale Conservation Efforts in California**

## Tuesday, 14 January

**8:00 Check-in for one-day registrations**

**8:30 Session 6: Poster Session (BMU, Room TBD)**

*Session Chair: Cherilyn Burton, California Department of Fish and Wildlife*

**10:00 Second Day Opening Remarks**

*Linnea Hanson, President of Northern California Botanists*

**10:10 Session 7: Landscape Level Fire**

*Session Chair: Jane Van Susteren, California Board of Forestry*

Evaluation of effects of the Dixie Forest Fire on the ephemeral geophytes, *Dicentra uniflora* and *Dicentra pauciflora* (Papaveraceae)

**Halkard Mackey**

Manzanita shrubs and specialist gall aphids on sites recovering from wildfire at Big Chico Creek Preserve

**Don Miller, California State University, Chico**

Fire and vegetation trends and cycles in the southern Mayacamas

**Arthur Dawson**

Fire and plants in the Karuk Aboriginal Territory

*Heather Rickard*

**11:30 Lunch**

**1:00 Session 8: Pollinators and their Mutualism with Northern California Wildflowers**

*Session Chair: Rebecca Nelson, University of California, Davis*

Floral Association documented in the California Bumble Bee Atlas

*Dylan Winkler, California Department of Fish and Wildlife*

Acquisition and environmental filtering of introduced floral microbes in the blue orchard bee,  
*Osmia lignaria*

*Alexia Martin, University of California, Davis*

Cross-ecosystem effects of plant invasions on serpentine plant-pollinator networks

*Rebecca Nelson, University of California, Davis*

Pesticide contamination of butterfly host plants in the modified landscapes of California's  
Central Valley

*Angie Lenard, University of Nevada, Reno*

**2:20 Raffle, Auction, and Awards**

**2:40 Break**

**3:00 Session 9: Now for the Good News**

*Session Chair: Russell Huddleston, U.S. Environmental Protection Agency*

Why the Calflora Database is such good news

*Cynthia Powell, CalFlora*

Coastal prairie restoration and the recovery of endangered Western Lily (*Lilium occidentale*) at  
Table Bluff Ecological Reserve in Humboldt County, California

*Kelsey McDonald, California Department of Fish and Wildlife*

Conservation seed collection for rare species impacted by the Caldor Fire: Retractable roots and  
community science among the lava caps of Eldorado National Park

*Kristen Nelson, California Native Plant Society*

Mapping individual vernal pools within the California Central Valley

*Reagan Murray, San Francisco Estuary Institute*

**4:20 Closing Remarks:**

*Linnea Hanson, President of Northern California Botanists and U.S. Forest Service,  
Retired*

**5:30 Optional Herbarium Field Trip**