Symposium Agenda

42nd Annual Southern California Botanists Symposium

Back to the Flora II:
The Future of Southern California Botany
Saturday, October 8th, 2016
Pomona College—Seaver Auditorium

8:00-9:00 am Registration

9:00-9:15 am Video. Oscar Clarke – A Splendid Naturalist. Directed by Steven Kutcher

9:15-9:45 am The potentials and limits of ex-situ conservation in California.
Evan Meyer Assistant Director, Mildred E. Mathias Botanical Garden, University of California, Los Angeles

9:45-10:15 am Is global warming pulling apart California’s floral ecosystems?
Jon Christensen PhD Adjunct Assistant Professor, Institute of the Environment and Sustainability, Department of History, and Center for Digital Humanities at the University of California, Los Angeles

10:15: 10:30 am BREAK

10:30-11:00am Balancing resource protection and fire hazard in the future: Climate change vs. population growth.
Jon Keeley PhD Research Ecologist, U.S. Geological survey, Western Ecological Research Center, Sequoia and Kings Canyon Field Station

11:00-11:30 am Forecasting climate change impacts on rare plants in the University of California Natural Reserve System
Erin Riordan PhD, Assistant Project Scientist, Department of Ecology & Evolutionary Biology, University of California, Los Angeles

11:30-12:00 am Racing the Storm: Climate Change Preparations on Santa Cruz Island.
John Knapp California Islands Ecologist, The Nature Conservancy

12:00 am- 1:15 pm LUNCH

1:15-1:45 pm The role of horticulture as it relates to the future of the native Southern California wild flora
Lili Singer Director of Special Projects and Adult Education, Theodore Payne Foundation for Wild Flowers and Native Plants, Inc.

1:45-2:15 pm Conservation planning to inform renewable energy siting in the Mojave Desert
Sophie Parker PhD, Senior Scientist, The Nature Conservancy, Los Angeles
2:15-2:45 pm  The California Phenology Project: Tracking the effects of climate on the phenological cycles of wild plants, with a spotlight on oaks
Susan Mazer PhD, Director, California Phenology Project, and Professor of Ecology & Evolutionary Biology, Department of Ecology, Evolution & Marine Biology, University of California, Santa Barbara

2:45-3:15 pm  BREAK

3:15-3:45 pm  The Lily Spring Area Survey: A 1981-2011 comparison of phenology and plant populations
Jane Tirrell  San Gabriel Mountain Chapter, California Native Plant Society

3:45-4:15 pm  Unexpectedly high biodiversity in southern California’s urban plant communities: Causes, consequences, and future prognosis
Darrel Jenerette  PhD, Associate Professor of Landscape Ecology, University of California, Riverside

4:15-4:45 pm  Dry-washes direct seed and pollen flow in California deserts
Keith Gaddis  PhD, Scientist, Earth Sciences Division at NASA AAAS Science and Technology Policy Fellow

4:30-4:45 pm  Closing Remarks

Evening Events Continue at Rancho Santa Ana Botanic Garden

5:00 - 8:00 pm  Mixer and Poster Session

Platanus racemosa  Nutt.
California sycamore  Platanaceae
Illustration by Fred M. Roberts, Jr.