

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

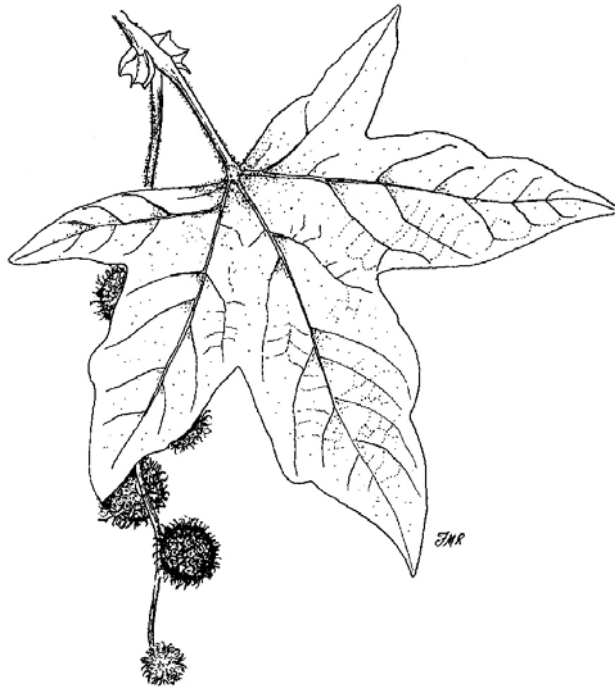
4:15-4:45 pm **Dry-washes direct seed and pollen flow in California deserts**

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.