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**CALIFORNIA** *Natives* —  
**LEARN FROM THE BEST!**

**CALIFORNIA NATIVE PLANT SOCIETY**  
**SAN DIEGO**

**SATURDAY, SEPTEMBER 16, 2017**  
**AT THE FIRST UNITARIAN UNIVERSALIST CHURCH OF SAN DIEGO**



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*Welcome*

Welcome to all who are joining us for the 2017 Garden Native Workshop! Thank you for participating today as we learn from and engage with native plant enthusiasts and professionals on how to incorporate native plants for beauty, as well as attracting wildlife to our gardens. This will be an opportunity for us to create native habitats and encourage a healthy, natural setting for our native animals.

Our speakers have a wealth of experience and knowledge of native plants – what a wonderful opportunity to learn! We will be able to meet others who share similar interests and are moving towards their important native landscaping goals.

A California native landscape helps sustain the environment in so many ways. The right plants in the right place can mean less maintenance, less water usage, and year-round beauty. Importantly, know that you will be making a significant contribution to our San Diego environment.

Plants native to our unique and precious San Diego County provide critical food and habitat to maintain healthy ecosystems. Now is the time to consider moving from maintaining our lawns and exotic plants and replacing them with native plant alternatives.

The California Native Plant Society-San Diego Chapter, wants to thank you for joining us today and for being a part of our mission to conserve water and preserve our fragile environment.

We hope that you will share what you learned today with others. Together we will create a beneficial environment in which all species thrive.

Plant and celebrate California native landscapes!

*Judie Lincer*

Judie Lincer  
Garden Native Workshop 2017 Director



# Special Thanks

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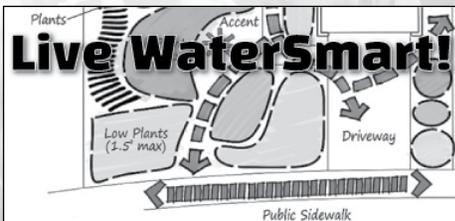
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## KEYNOTE & GENERAL SESSION:

**GREG RUBIN**

THE CALIFORNIA NATIVE LANDSCAPE  
—THREATS AND SOLUTIONS EXPLORED

9:00-10:20 AM: MEETING HOUSE

Greg Rubin, President and Founder of California's Own Native Landscape Design, Inc. is a licensed landscape contractor (C-27 No. 717147) who has been working with California native plants since 1985. By 1993, Greg was able to transition out of his career as an aerospace engineer to devote all of his time to his successful and unusual landscaping business. His company has designed over 700 residential, commercial, and institutional native landscapes in Southern California. Specialties include year round appeal, low maintenance, water efficiency, rich habitat, and fire-resistance. Greg has been featured in a number of periodicals including the *Wall Street Journal*, *San Diego Union Tribune* and *Los Angeles Times*, and magazines such as *Sunset*, *San Diego Home and Garden*, *California Gardener* and *Kiplinger's*. Media coverage includes appearances on all of San Diego's local news outlets, CNN & MSNBC. Greg regularly gives presentations and workshops on native plants to conferences, garden clubs and other organizations throughout Southern California.

Greg is co-author, with Lucy Warren, of *The California Native Landscape: the Homeowners' Design Guide to Restoring its Beauty and Balance*, published by Timber Press, 2013. This popular native horticultural literary work covers all aspects of native landscape design. He and Lucy now have a second book, *The Drought Defying California Garden*, also published by Timber Press in 2016. His website is: [www.calown.com](http://www.calown.com).

### PRESENTATION SUMMARY

As the owner of California's Own Native Landscape Design, Inc., Greg Rubin has been able to pioneer and develop a different landscaping methodology – one that attempts to emulate natural ecology rather than work against it. Greg will share the details of this successful approach and how the power of native ecology is harnessed in creating stable, beautiful landscapes that are easy to maintain and require minimal input. He will also discuss one of the most serious, man-made threats to our native landscapes – the widespread damage being wrought by non-native Argentine ants. He will talk about their behavior, how they affect native plants, and strategies to deal with them. Rather than a "natives use less water and boy aren't they great" presentation, he will share very specific info on all aspects of native horticulture that the audience should find useful and practical.



**BREAK-OUT SESSION:**

**CHUCK POLAND**

DIY SUCCESSES & CHALLENGES – INSTALLING A NATIVE GARDEN & LESSONS LEARNED ALONG THE WAY

10:30-11:20 AM: MEETING HOUSE

Chuck Poland has an undergraduate degree in Environmental Science from San Diego State University. Since graduating in the spring, Chuck has taken a position installing landscapes with Ecology Artisans in Encinitas, Ca. This company is a permaculture based design and landscape installation company. He is a Master Composter with the City of Chula Vista, as well as compost researcher. Chuck just completed a research project evaluating safe application rates of municipally produced composts onto sports turf fields. One of his personal passions is promoting residential native landscapes and restorative ecology.

**PRESENTATION SUMMARY**

In 2015, Chuck ditched his lawn, and converted to a drought tolerant native plant garden. His garden features water retention swales and an interesting mix of native plants all packed into a postage stamp size space. A common remark from visitors who saw Chuck’s garden on the CNPS Native Garden Native Tour 2017 was how large his native specimens are and how well established his garden is. Chuck will share his experiences from his Do-It-Yourself (DIY) garden installation to set you on the path to success with your native garden installation.



**BREAK-OUT SESSION:**

**LEE GORDON & LORRAINE KELLEY**

GROWING NATIVE PLANTS & WILDFLOWERS FROM SEED

10:30-11:20 AM: BARD HALL

Lee Gordon is a PhD oceanographer who has taken an interest in germination and propagation of native plants. A problematic weed infested brush management zone next to his home became an opportunity to re-establish attractive indigenous native plants including trees, shrubs, perennials and annuals. It has taken some research to find ways to propagate local indigenous plants. Lee has discovered how to propagate Mission Manzanita from seed, which Lee grows for the CNPS plant sale and restoration projects. Lee has started a project to study methods for creating wildflower meadows. Lee also has a project under the auspices of the City of San Diego to study methods to increase populations of the San Diego Willow Mint, a rare and endangered species.

Lorraine Kelley manages the greenhouse at Cabrillo National Monument in Point Loma. She earned her bachelor's degree in biology a long time ago and more recently completed the nursery technology program in the Cuyamaca College Ornamental Horticulture Department. She began volunteering with Cabrillo in 2011 and continues to work with a dedicated group of volunteers and National Park Service staff to support the ongoing restoration efforts within the park. She is particularly interested in the propagation of native plants requiring some type of seed treatment to induce germination.



**PRESENTATION SUMMARY**

Our local native plants have earned a reputation for being difficult to propagate. Some seeds are difficult to germinate, and others are difficult to grow to full size. Lee will share results of recent research he has been doing to create colorful meadows from our local wildflowers. Lee has found that some of the prevailing wisdom about growing our wildflowers is wrong. Lorraine has been propagating plants for habitat restoration at the Cabrillo monument, and she will share what she does to start plants from seed and to keep them growing until they can be planted.

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## GENERAL SESSION:

### MIKE EVANS

UGLY IS NOT A TURF REPLACEMENT—LET'S BUILD NATIVE GARDENS WE CAN ENJOY BEING IN, RATHER THAN A COLLECTION OF DROUGHT TOLERANT PLANTS WE CAN ONLY LOOK AT

11:30 AM-12:20 PM: MEETING HOUSE

Mike Evans was born and raised in Southern California and demonstrated an early love for the outdoors. He worked with several nurseries, both retail and wholesale, before establishing Tree of Life Nursery in 1976. The nursery specializes in native California plants and supports a style of authentic horticulture, specifically the concept of appropriate landscaping with native plants.

Mike is affiliated with numerous conservation, horticultural, and botanical organizations. He has served as past president of the Western Region of International Plant Propagators Society and of the California Society for Ecological Restoration. Mike is a leader in water conservation efforts and was a founding member of the Xeriscape Committee in the 1980's. Both Mike Evans and Tree of Life Nursery have earned numerous awards for their work in native plant horticulture.

### PRESENTATION SUMMARY

Your outdoor space is an extension of your personality and can be molded to fit your lifestyle. In the California Natural Garden, plants and other elements are combined with walkways, sitting areas and other features to offer an experience rather than just decoration. We will discover how the Japanese Garden in Japan has set an example for appreciating and tending "nature" in a confined space. We will also learn the joys of sharing our intimate nature gardens with, as John Muir called them, "our fellow mortals," the birds, beneficial pollinators, and other creatures that will be attracted into our native plant gardens.

**LUNCH** | 12:30-1:20 PM  
THE PATIO & BARD HALL

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California has more native plants than any other state in the nation, and a third of those are found nowhere else on Earth! These facts make California a global biodiversity hotspot, one that needs our help today more than ever.

CNPS is a leader in California's conservation movement as the authoritative voice for native plants. Why plants? Because plants are habitat -- literally providing the food, shelter, and resources we need to survive. CNPS volunteers and programs bring plants back from the verge of extinction, save public lands, and beautify our communities with gardens that conserve water and support wildlife.

Every membership makes this important work possible.

When you join CNPS, you're invited to join your local chapter, where you can attend expert presentations, volunteer for nearby projects, and make a difference in your community. You'll also receive special discounts and benefits from participating vendors and publications as a way to thank you for supporting California's native plants!

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*Join Today!*



**BREAK-OUT SESSION:**

**ALDEN HOUGH**

USING PERMACULTURE TO RESTORE DEGRADED LAND AND GROW THE FOODS OF THE FUTURE

1:30-2:20 PM: MEETING HOUSE

Alden Hough is a Permaculture Designer, Educator, and Program Director of Non-Profit organization Sky Mountain Permaculture in Escondido, where he teaches people how to regenerate the Earth and live more sustainable lives. He has created a seven-acre rainwater harvesting demonstration site to show people how to “first plant the water” and how to integrate native plants into food growing systems. Alden is one of the founding members of the San Diego Pollinator Alliance, graduated from the Center for Agro-Ecology & Sustainable Food Systems program and has a Geology degree from the University of California, Santa Cruz.

**PRESENTATION SUMMARY**

The restoration of degraded land and food security are two of the most important issues we face today. In this lecture Alden will explain how we can learn to think like an eco-system – mimicking the patterns of nature to create beauty, wildlife habitat, grow food, harvest rainwater and build soil. You will learn about the ‘Foods of the Future’ – edible California Native and drought tolerant plants from around the world that will flourish in our region with little or no irrigation. You will also discover which California native plants will benefit your fruit trees and edible landscapes by fixing nitrogen, attracting pollinators, adding beneficial insects and providing wildlife habitat.

Alden will share his experience of how he restored his mother’s 7 acre property, in Harmony Grove, Escondido, that was destroyed by the 2014 Cocos fire into a rainwater harvesting food forest, where each year over 1,000,000 gallons of rainwater is infiltrated into the ground to grow a food forest ecosystem consisting of fruit trees interspersed with California native plants that provide food for humans and wildlife.



**BREAK-OUT SESSION:**

**GORDON PRATT**

MAKING BUTTERFLY HABITATS USING NATIVE PLANTS & OTHER THINGS

1:30-2:20 PM: BARD HALL

Dr. Gordon Pratt did his undergraduate in Biology at Northeastern University in Boston, Massachusetts and his Masters in Molecular Biology isolating mRNA from female blowflies at Queen’s University in Kingston Ontario, Canada. He later did his Ph.D. on the systematics of the dotted blues (Euphilotes) at the University of California at Riverside. These butterflies potentially evolved in sympatry through food plant shifts on to buckwheat species with different bloom times. From there he went to the University of Delaware to do a postdoc on sympatric speciation through host plant shifts in *Enchenopa binotata* (treehoppers). In the mid-1990s Dr. Pratt returned to the University of California at Riverside and continued his research on butterflies and their food plants. During his time at the University of California, Pratt taught an extension course on butterfly ecology, studied insect and plant diversities on military installations, and endangered butterflies of southern California. In 2013 Pratt retired from the University of California but still works on butterflies and their food plants of Southern California.

**PRESENTATION SUMMARY**

Dr. Pratt will discuss the usual needs for a good butterfly garden like specific larval food plants and high quality nectar sources. Most butterfly larvae will only feed on a few closely related plants. Some good plants have long blooming seasons, but many high quality arid adapted plants bloom for a short time so a good garden will have plant species that bloom at different times of year. He will also present other important variables which make habitat complicated such as hilltops, mud puddle sites, roosting plants, and how larval food plants are planted to improve oviposition and survival of butterflies. Pratt encourages observation of native plants in the area to determine best local nectar sources and getting together with neighbors to provide a diverse a habitat in your neighborhood as possible.





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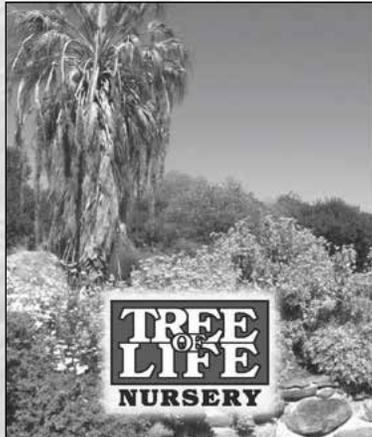
*Thank you CNPS for showing San Diego that magic happens in native plant gardens.*



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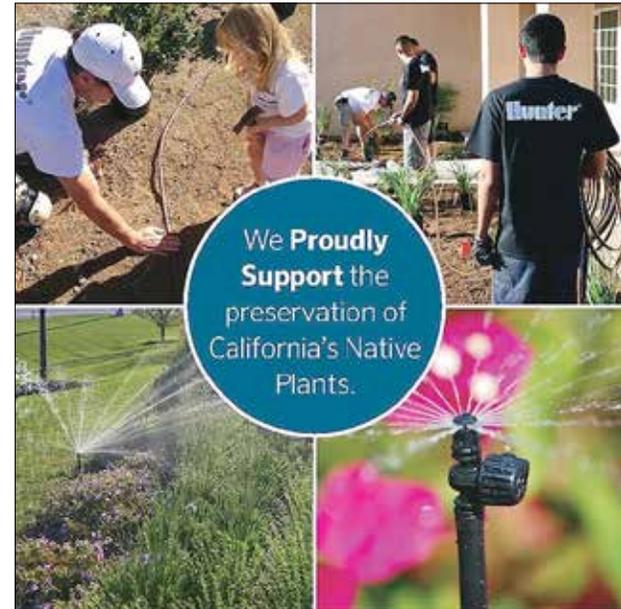
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