



# Exploring the ARBORETUM

MAGAZINE FOR THE MEMBERS OF THE LOS ANGELES COUNTY ARBORETUM AND BOTANIC GARDEN

WINTER/SPRING 2017

## PLUMAGE SECRETS

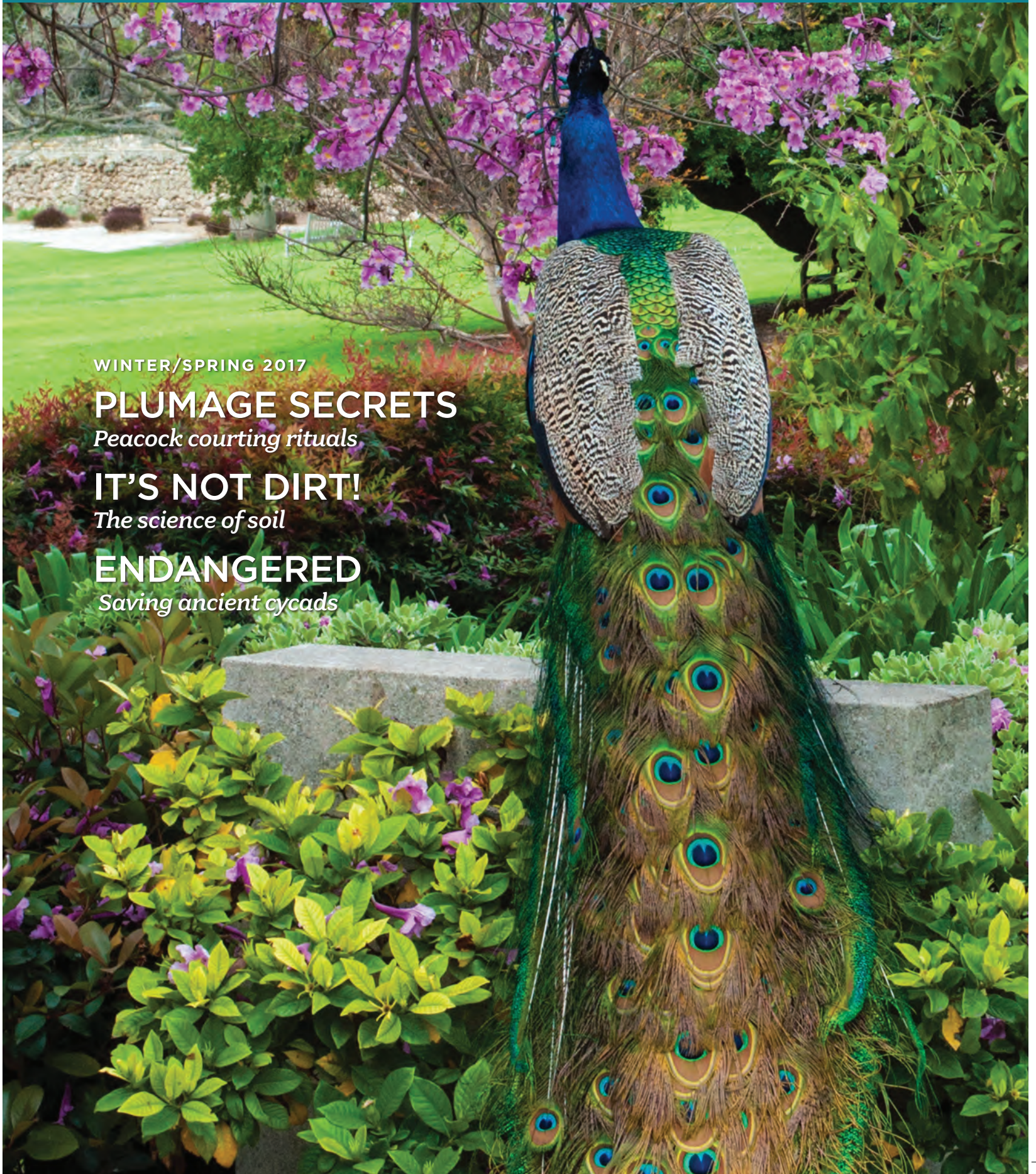
*Peacock courting rituals*

## IT'S NOT DIRT!

*The science of soil*

## ENDANGERED

*Saving ancient cycads*





## GOING FORWARD



**E**ACH SEASON, AND EVERY DAY, TIME RENDERS change among our plants, whether emerging flowers and fruit, or the latest work of an insect or pathogen. Shifts in our landscape, as subtle as new leaves and dramatic as a windstorm, remind us that the Arboretum is vibrantly alive, never still.

Yet change is more than natural history; it presents both challenges and opportunities as we've experienced over the past five years, and no doubt will face in the future. We begin 2017 with achievements made possible not only by the vital partnership between the Arboretum Foundation and Los Angeles County, but by the outstanding commitment of our members and donors.

While a new strategic plan is now under development,

we celebrate improvements achieved under the 2011-2016 strategic plan (see at [arboretum.org](http://arboretum.org)):

**New gardens exploring local food production and living with drought...**

► **The Garden for All Seasons**, with its terrific ideas and plants for the home food garden, from heirloom vegetables to exciting new fruit trees.

► **Crescent Farm**, a living demonstration of water conservation practices, including soil building, great adapted plants, and storm water capture and cleansing.

**Preservation care for historic resources...**

► **Restoration of the Bauer Fountain** to refresh the vision of artist Millard Sheets and landscape architect Edward Huntsman-Trout for our signature entrance, as well as care of the Queen Anne Cottage, Coach Barn and Rose Garden.

**Enhanced educational resources...**

► **A transformed library**, to better enjoy Southern California's only public collection devoted to gardening and plants.

► **New school programs**, soon to be pilot tested, that address the latest science curricula, as well as the Children's Learning Patio, a new school facility planned for 2017.

**And of essential importance, the plants...**

► Since the 2011 windstorm, thousands of new plantings added to establish the next generation of our botanical collections, with over 900 specimens planted in the past year.

► **The Engelmann Oak Grove**, the largest in L.A. County, its future now assured through hundreds of protected seedlings and new trees planted.

This very partial list speaks to enhanced resources for our 10,000 member households and 390,000 annual visitors. To our members and donors, I express my deep appreciation for enabling the Arboretum to adapt and grow.

—Richard Schulhof, CEO

## THE LOS ANGELES ARBORETUM FOUNDATION

*Founded in 1948, the Foundation has provided new gardens, extensive education programs, and publications serving Southern California. Today, the Foundation leads a broad community of members, volunteers and donors in establishing the support needed to realize the Arboretum's potential as a premier public garden and educational resource.*

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**FAERY MAGIC**  
Kids and adults enjoy  
an enchanted garden!

PHOTOS: FAERY BY SYLVIA ROSENBERGER; CYCAD BY FRANK MCDONOUGH



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## ANCIENT CONE-BEARING PLANTS

Our extensive cycad collection takes us to a time long, long ago.

### On the cover:

A beautiful peacock at  
the Arboretum.  
Photo by Frank McDonough

### Masthead

EDITOR: Nancy Yoshihara  
ART DIRECTOR: Carol Wakano

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Arboretum Foundation. The Los Angeles  
County Arboretum and Botanic Garden  
is governed through a private-public  
collaboration between the Foundation  
and the County of Los Angeles through  
its Parks and Recreation Department.*





## WE ARE A CERTIFIED MONARCH WAYSTATION!

THE ARBORETUM, with its many butterfly hubs, is now on the national list of certified Monarch Waystations through Monarch Watch, a nonprofit educational outreach program that focuses on the monarch butterfly, its habitat, and its spectacular fall migration. For more than a year, Arboretum gardener Bryan Burks, near right, created and tended five butterfly hubs within the garden planting milkweed, butterfly bush (*Buddleia*) and other plants to attract monarchs and

other butterflies. We'll celebrate the official unveiling of our Monarch Waystation certification with tours by Bryan on **Sunday, April 23, at 11am**; regular admission applies; members free.



## January is Member Appreciation Month!

**W**E BEGIN 2017 with a special, month-long thank you to our members for your continuing support. Members who renew, rejoin or purchase a gift membership enjoy these special offers during January:

- ▶ Double discount days at the Gift Shop, January 13 & 14;
- ▶ Special tram tour, January 14, led by our knowledgeable plant information specialists;
- ▶ Members Celebration Day, January 28, in the Arboretum Library with refreshments and crafts;
- ▶ Weekly drawings with prizes donated by our local community sponsors;



- ▶ A grand prize opportunity drawing on January 31 of special Arboretum goodies;
- ▶ Plus a free gift (while supplies last) for members who renew or purchase new and gift memberships.

Please use the form on page 23 to join, renew, and/or purchase a gift membership. For more information or questions call the Membership Office at 626.821.3233 or visit [arboretum.org](http://arboretum.org).

## Love Potions from the Garden Walking Tour

KNOWN FOR ITS flavoring of Italian cookies and sausage, anise seed was also used by the ancient Greeks and Romans who believed the seeds could increase desire. They may have been onto something—anise seeds have been found to influence human hormone levels. What other plants might be considered evocative of love? Learn about love potions during a pre-Valentine's Day walking tour led by Botanical Information Consultant Frank McDonough on **Saturday, February 11, at 11am**. Regular admission applies; members free. The Peacock Café will be open for lunch.

## ATTENTION ARTISTS



The Arboretum Library is holding an open call to artists who may be interested in exhibiting their work in our new

art space. Librarian Susan Eubank will host two open houses in January for artists of all media to view the exhibit space and learn about two shows planned for 2017.

"Peacock" is the inspirational word for the first exhibit scheduled for **March 1 to June 30**. The theme for the second planned for **October 1 to December 30** is "plants." The deadline for submissions for both shows is February 11. A jury of art and plant professionals will make the selections. Attend an open house on **January 14 or January 28 from 1 to 4pm** to learn more. For details, visit [arboretum.org](http://arboretum.org) or contact [susan.eubank@arboretum.org](mailto:susan.eubank@arboretum.org) or 626.821.3213.

Previous library exhibits have featured Karen Hochman Brown's Kaleidoscopes, the Botanical Artists Guild of Southern California, and a Multicultural Weaving Exhibit.



## TOMATO TALK & SALE

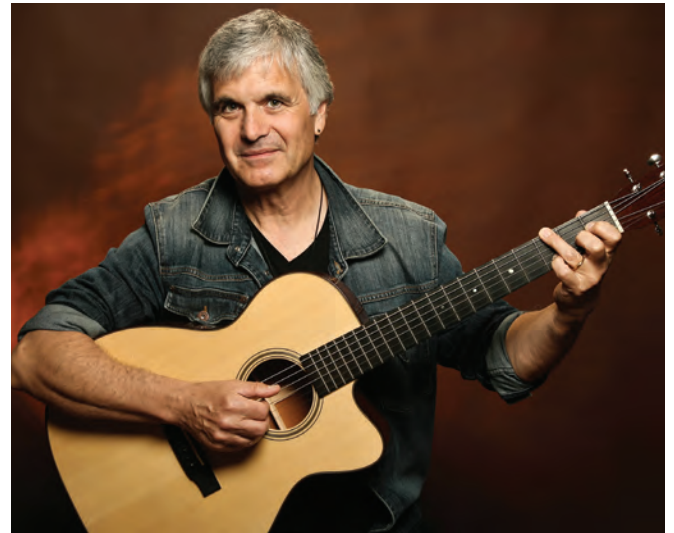
YOU'VE ASKED THAT our annual Tomato Talk and Sale be held on a weekend instead of Wednesday so more of you can attend. We listened! We've moved the talk to **Saturday, March 25, at 10am** with Christine Anthony of Renee's Garden as our featured speaker. Tomato plants will be on sale following her talk. The plant sale will kick off on Friday, March 24, with a members' preview day. The Tomato Talk is free; sale Friday to Sunday, March 24-26, 9am-4:30pm, is free for members; regular admission applies for non-members. The Library will be selling used garden and plant books.

## LAURENCE JUBER TO PERFORM FOR ARBORETUM BENEFACTORS

**T**HE GRAMMY award-winning guitarist will present a special concert for Arboretum Benefactors **Sunday, May 21, 4-6pm** in the Coach Barn. Fusing folk, jazz, blues, pop and classical styles, Laurence Juber is world-renowned for his multi-faceted performances using only one acoustic guitar. The two-time Grammy winner became internationally known as lead guitarist in Beatle Paul McCartney's Wings with whom he won his first

Grammy. His solo arrangement of "The Pink Panther Theme" earned him a second Grammy.

His concert is one of the exclusive events and special benefits enjoyed by Arboretum Benefactors, our highest level of supporters. Become a Benefactor or upgrade your membership and enjoy this special concert. For more information about the Benefactor level, please contact Brittany Fabeck at 626.821.3237 or [brittany.fabeck@arboretum.org](mailto:brittany.fabeck@arboretum.org).



### THE STAGE COACH RETURNS!

RIDE INTO WILD WEST DAY on Saturday, **May 6, from 10am-4pm** as we gather our western gear for some roping, panning for gold and writing telegrams. Come on over for live music with the Shadow Mountain Band, food and horses. The Coach Barn and Santa Anita Depot will be open to visitors. For an additional fee, tour the Queen Anne Cottage or take a stagecoach ride!

### SAVE THE DATE



### Lucky Baldwin Poker Tournament & Dinner

**Saturday, June 10**  
**Celebrity host Mario Lopez**  
**Tickets available soon**

THE FIRST LUCKY Baldwin Poker Tournament, presented by Los Angeles

Arboretum Foundation and hosted by Mario Lopez, will help raise funds to preserve the Arboretum's magnificent architecture and historic structures. The event will take place on the lawn of the Queen Anne Cottage and Coach Barn with dinner, an auction and games. There will be prizes for top winners. For more information or sponsorship opportunities, please visit: [arboretumgets lucky.eventbrite.com/](http://arboretumgets lucky.eventbrite.com/); #LAArboretum GetsLucky; LuckyPoker @Arboretum.org

## READY FOR THE PASADENA POPS!

The orchestra, led by conductor Michael Feinstein, begins its popular Saturday concert series June 17. Arboretum members receive 10% off regular ticket prices. For details and tickets visit [pasadenasympphony-pops.org](http://pasadenasympphony-pops.org).



**Broadway: The Golden Age**  
**June 17**  
Michael Feinstein, conductor

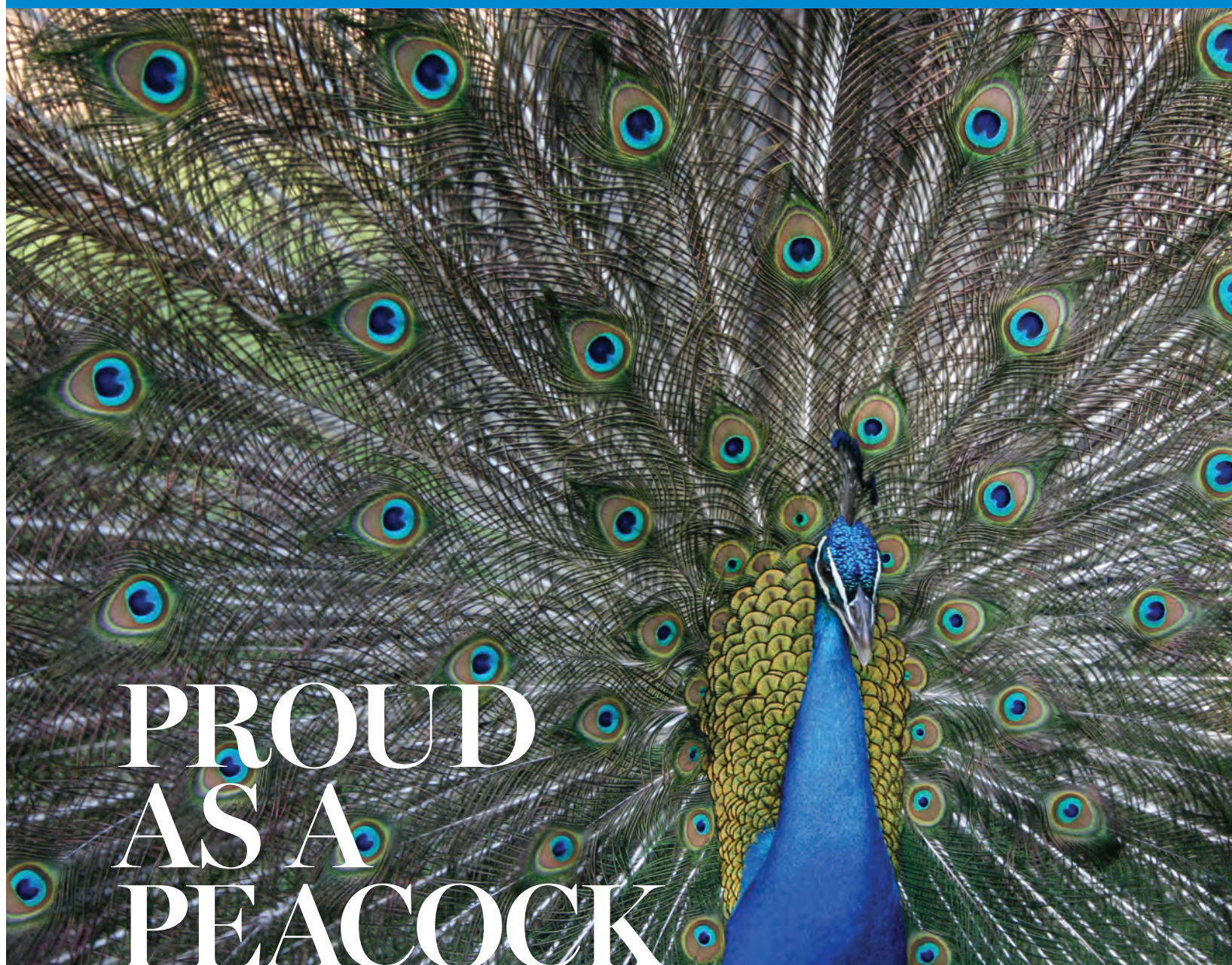
**Music from Jersey Boys and Beyond!**  
**July 15**  
The Midtown Men: Four Stars from the Original Broadway Cast of Jersey Boys  
Larry Blank, conductor

**Michael Feinstein Sings Swing**  
**July 29**  
Celebrating Swing, the Rat Pack and more!  
Michael Feinstein, soloist  
Larry Black, conductor

**Gershwin & Friends**  
**August 19**  
Michael Feinstein, conductor

**Universal Favorites**  
**September 9**  
Michael Feinstein, conductor





# PROUD AS A PEACOCK

When it comes to courtship, male peafowl do their amorous best to attract a mate with a whole lot of shaking and rattling of their spectacular plumage. Yet most peacocks face lifetime rejection by very choosy peahens. Why? *By* NANCY YOSHIHARA



ROSLYN DAKIN HAS fond memories of watching Patrick Swayze at the Arboretum. Not the actor, mind you, but an even more handsome guy struttin' around with a come on that earned him the moniker of the Dirty Dancing star. Who you ask?

A peacock! The incredible natural beauty, officially tagged as No. 69 on his leg band, caught her attention during her three-year doctoral research on peafowl, *Pavo cristatus*, at the Arboretum.

"We saw him mate around 20 times each year, 2008, 2009 and 2010," she said in an interview. "Compare that

to the majority of other peacocks that did not mate at all." Peacocks typically spend a lot of time trying to attract females only to be shunned by choosy peahens.

Just what makes a peacock attractive to a peahen? Is that impossibly awkward train actually a mechanism that triggers something in females to seek the fittest male to father their offspring?

"Peacocks are interesting because their trains are so exaggerated and seem to serve no purpose that would be favored by natural selection," explained Roslyn, who earned her PhD in 2013 and is now at the University of British Columbia. If anything, the train might make it harder for a peacock to survive because it takes energy to grow the feathers, which, in turn, can make him an easy target of predators. But how does the train function in attracting hens?

Roslyn found at least part of the answer at the



## Peacock Day

Roslyn Dakin PhD will be the featured speaker **Saturday, March 25**, at our Peacock Day celebration. The comely birds are such an essential part of the Arboretum experience that we felt they deserve some special attention. Learn about their amazing habits and natural attributes from Roslyn, who will share her research in a special presentation at 3pm. We're peacock crazy all day as you'll see at our art exhibit, in our avian-inspired activities for children, and of course in the birdy items in the Gift Shop. The Peacock Café will serve Indian food in honor of the country of origin of the peafowl. Regular admission applies; members free; the lecture is a fee event, details at [arboretum.org](http://arboretum.org).



During her extensive peacock research at the Arboretum, Roslyn Dakin, opposite and above, spent hours observing peafowl. Despite a peacock's rigorous display of his vibrant feathers, top photo, the hen appears oblivious to his overtures. The male mating champion discovered during the Canadian's three-year study was the peacock nicknamed Patrick Swayze seen above with Roslyn, who is trying to catch a hen. When all goes well, a peachick!

Arboretum, where the peafowl are likely descendants of birds imported from India by Elias J. "Lucky" Baldwin in the late 1800s.

To determine what attracts peahens, Roslyn and her team from Queen's University in Ontario, Canada tested whether the number and coloration of the peacock's eyespot feathers affect his mating prospects. Studying the birds at the Arboretum, they found that unless a peacock lost most of his feathers, the number of spots in his train did not affect his mating success.

If not the number, might the color of eyespots be the come-on? Peacocks often shake their wings and sidle up to females, sometimes even shuffling backwards right into them, before they start vibrating their train feathers.

"One of the most exciting things to come out of our work at the Arboretum was evidence that the peacocks maneuver themselves to present their feathers at specific angles to the sun, and that they use their dances to corral females into viewing them from those angles. I suspect that over time, the peacocks may learn to present themselves in the best possible light," Roslyn said.

More importantly, she found that the peacocks with the most iridescent eyespots mated the most. So does the peacock's resplendent plumage help ensure the future of the species? Biologists speculate that the healthiest males may be able to produce the most spectacular iridescence.

If so, Patrick Swayze's ungainly but spectacular feathers could allow peahens to recognize and secure the best possible genes for their young. From the perspective of a prospecting hen, he was "proud as a peacock" for good reason indeed.

PHOTOS COURTESY OF ROSLYN DAKIN





# SOIL POWER

Enhancing drought resilience in a changing climate By LYNN FANG, MS



**T**HAT VAST ABYSS OF darkness beneath the lush green plants and colorful blossoms has remained mostly a mystery for many. Soil has been called the final frontier of science, as we know more about the oceans and of the cosmos than we do of the ground beneath our feet. Often overlooked as a simple thing with little to understand, soil is gaining attention as one of the major keys to mitigating climate change, as well as to growing opulent, verdant gardens during our historic drought.

Soil is not dirt, is not dust, and is not simply a mix of minerals and chemicals. It is a dynamic matrix of life—breathing, reproducing and

transforming organic compounds into nutrients available to plants. A little less than half of soil consists of mineral particles, a quarter is air, a quarter is water, and the remaining 5-10% is organic matter, which describes any plant or animal matter in decay, including plant roots, biological organisms and humus, the end product of decomposition. It is this little slice of organic matter that gives soil all of its life, structure and vitality, its ability to act as a carbon sink (sequestering carbon from the atmosphere), as well as its ability to retain water and minimize irrigation. When we begin to understand the biological properties of soil, we can nurture these processes to work for us, helping us build resilient soils that reduce our dependency on pesticides and synthetic fertilizers.

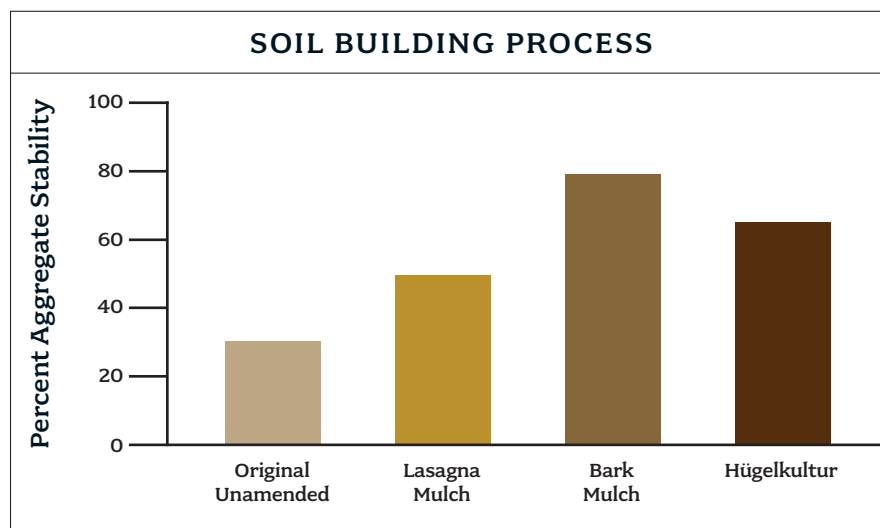
At the Crescent Farm, experimental soil-building processes such as lasagna mulching and *hügelkultur* are used to conserve water, creating ecological fertility for healthy blossoms and bountiful vegetables without the use of any pesticides or herbicides. Lasagna

mulching, a process of layering cardboard, green waste and wood chips, produced giant stalks of heirloom corn, with cobs over a foot long, and often times up to 6-7 ears of corn per stalk. This kind of growth is virtually unheard of for heirloom corn. Digging into the soil of the *hügelkultur* mound revealed rich clumps of dark, moist soil and many many earthworms. Peeking beneath the bark mulch, we saw vast webs of vegetative fungal (mycelial) growth.

Despite the success of these popular methods, there has been little documentation on the actual affects on overall soil health. We sent soil samples of the *hügelkultur*, bark mulch, lasagna mulch, and a control comparison of unamended soil to the Cornell Soil Health Analysis Lab. It specializes in assessing biological indicators of soil health, including available water capacity, organic matter content and aggregate stability (strength of soil structure), among several others.

Overall, our three soil-building processes vastly improved all soil health indicators compared to the





Webs of mycelial growth, opposite page, enrich soil and were found growing under bark mulch, above right, in Crescent Farm. Lasagne mulching, a process of layering cardboard, green waste and wood chips, helped produce giant stalks and large ears of heirloom corn. Lynn Fang, who conducted the soil study, shows off mulch.



unamended soil. Essentially, adding organic matter to your soil will improve your soil's ability to retain water and provide nutrients to plants. Returning organic matter to the soil is absolutely key to maintaining a thriving garden in a changing climate.

Aggregate stability is a great integrative indicator of available water capacity, organic matter and the strength of the overall soil structure. It measures the extent to which soil aggregates resist falling apart when wet by heavy rainfall. Strong soils have strong aggregates that remain intact upon contact with water, making them more resistant to erosion. Our test showed that the bark mulch displayed the strongest aggregate stability, indicating its unique properties that vastly improve overall soil structure to

hold more water and be more resistant to erosion.

Not all organic matter is created equal, as we clearly see from this simple study. Mulch and compost mixes can both be improved with the addition of bark. There is something special about tree bark. It is the skin of the tree, which interfaces with the outside world, protecting the tree from pathogens and other invaders. It is rich in microbial diversity, especially fungi. This unique microbial community is most likely the reason why the soil under the bark mulch has enhanced water holding capacity and aggregate stability.

*Lynn Fang, MS, defended her masters on compost use in plant disease suppression at the University of Vermont. She currently consults on soil and compost through The Growing Club.*

## SOIL SCIENCE

CURIOUS ABOUT the detailed results of our study? Join our soil science class on **Saturday, February 4, 10am-12pm.**

Lynn Fang will talk about all of the soil health indicators assessed in this study, as well as interpreting soil lab tests appropriate for your garden. Get the lowdown on re-mineralizing your soil for optimal growth and nutritious veggies! Register at 626.821.4623; \$25 members; \$35 nonmembers.



The Prehistoric Forest is home for most of the Arboretum's 90 species of cycads such this *Dioon mejiae* and the *Encephalartos ferox* below.

# Saving Cycads

The endangered ancient cone-bearing plants date back to the Triassic and Jurassic eras. By JAMES E. HENRICH

**T**HE ARBORETUM HAS A sizable collection of cycads—more than 90 of the 250-known species in 9 of the 11 genera. Most can be found in our Prehistoric Forest near Baldwin Lake. The oldest accession dates to 1955 for a *Dioon spinulosum*. The heart of the collection resulted from four major donations: 1) botanist Loran M. Whitelock was the first to donate in 1974; 2) a shipment from National Botanic Gardens of South Africa, Kirstenbosch in 1976; 3) the largest donation was orchestrated by Whitelock from professor Charles Chamberlain's collection at Chicago

University in 1979; and 4) the last large donation was arranged by Henry Soto through his Four Seasons Gardens nursery from a Beverly Hills resident in 1986. The balance of the collection came from nurseries, USDA plant confiscations, many individuals and botanical gardens.

Cycads are gymnosperms, along with conifers, gnetums and ginkgos. They bear naked seeds—unprotected by an ovary or fruit, but may be surrounded by a fleshy aril (as occurs with *Ginkgo*). They had worldwide distribution during the Triassic and Jurassic eras, but now occur between 30°N latitude and 35°S latitude. Most species are subtropical and a few are truly tropical.

They have only two growth habits: arborescent (treelike, branched or unbranched) some to about 50 feet and those with subterranean stems. Some have tuberous roots or contractile roots, while those occurring on nutrient-deficient soils have coral-shaped roots at or just above the soil surface with nitrogen-fixing cyanobacteria, providing valuable nitrogen to the plant. All species have pinnate leaves except for four which are bipinnate.

Female and male plants are distinct, however there are several observations

of cycads changing sex. A delicate balance of hormones is thought to control expression of sex and could be altered by stress (transplanting, drought). Propagation is achieved primarily with seeds but offsets can also be used. Seeds are ready to plant when shed from the parent plant and offsets propagate best when taken at the beginning of the growing season.

All cycads are endangered or threatened in the wild and are protected by the Convention on International Trade in Endangered Species (CITES). Thus, international movement of cycads requires CITES documentation or a written permit for countries not participating in the convention. The ideal conservation method is to preserve plants in the wild, which is not possible for many cycads due to habitat loss or destruction. However, the best alternative is conservation in the garden. The Arboretum, like many botanical gardens throughout the world, participates in conservation efforts, preserving germplasm and using the plants as a tool to educate the public about habitat loss and conservation.

James E. Henrich is Curator of Living Collections at the Arboretum.





# New classes for your mind, body and garden!

## HEALTH & WELLNESS

**Mommy, Daddy, Grandparents & Me Yoga**  
for children ages 2-4

**Tuesdays: January, February, March; 10-10:45am**

**Instructor: Andrea Walsh**  
\$35 per month members;  
\$45 non-members  
See page 12 for details.

### Tai Chi

Winter Session 1 & 2

Spring Session 1 & 2

Thursdays; 9-10:30am

**Instructor: Master Arnold Chien**  
\$35 per four-week session;  
\$45 non-members

Full schedule at [arboretum.org](http://arboretum.org)

Tai Chi is a martial art based on the theory of an ancient classic called I Ching. Based on this foundation, Master Arnold Chien created Kinetic

Tai Chi coupling the traditional concept with contemporary physics of potential and kinetic energy. The sessions include striking, throwing and submission techniques. Master Chien, right, was the 2014 Kung Fu Master of USC-Pacific Asia Museum.

### Easy to Grow Superfoods

**Saturday, March 4; 10am-12pm**

**Instructor: Loretta Allison**

**\$25 members; \$35 non-members**

You are what you eat! Learn about easy-to-grow superfoods for Southern California, adaptogenic herbs, their health benefits and how to cook the superfoods. Loretta is an edible plant expert, gardening consultant and community educator.

### Cultivating a Healthy Brain

**Saturday, April 1 & June 3**

**10am-12pm**

**Instructor: Dr. Robert Tager**

**\$25 members; \$35 non-members**

Discover what your brain needs to function at its peak. Neurologist and Arboretum volunteer Dr. Robert Tager will provide a brief introduction to memory, learning and the



brain before leading a tour through the garden and discussing ways to enhance brain function.

### The Essential Edible Garden: A peek at a new paradigm

**Saturday, April 29; 12-1:30pm**

**Instructor: Kyra Saegusa**

**\$25 members; \$35 non-members**

Explore the rewards of an ecosystem-based edible landscape in this introductory workshop. This class will lay the foundation for introducing this holistic practice into your garden and creating a sustainable verdant and beautiful food-producing space. Kyra honed her craft as a gardener and garden educator at the Huntington Ranch Garden.

## GARDENING

### Home Orchard

**Saturday, January 28; 10am-12pm**

**Instructor: Steve Hofvendahl**

**\$25 members; \$35 non-members**

The beauty of orcharding in Southern California is that, with the right planning and attention, you can eat several kinds of delicious home grown fruit throughout the year! This class will cover the species and varieties that do the best in our region, and their different needs for care and pruning. Steve ran the TreePeople Fruit Tree Program.

### Soil Science for Home and Professional Gardeners

**February 4; 10am-12pm**

**Instructor: Lynn Fang**

**\$25 members; \$35 non-members**

See page 9 for details.

### Wild Suburbia: Learning to garden with native plants

**Sunday, February 19; 3-5pm**

**Speaker: Barbara Eisenstein**

**\$8 members; \$10 non-members**

Looking to transform your traditional, high-water-use yard into a peaceful habitat garden abounding with biodiversity? Barbara, author of *Wild Suburbia: Learning to Garden with Native Plants*, will discuss the joys and challenges of tending a native garden. She is a research associate and former horticultural outreach coordinator at Rancho Santa Ana Botanic Garden in Claremont.

### No Sacrifice, Low Water Garden

**Saturday, April 1; 10-12pm**

**Instructor: Scott Kleinrock**

**\$25 members; \$35 non-members**

Low water landscapes do not have to be about "tightening the belt." Learn how to envision spaces that accomplish everything you could want from a garden including

providing color, habitat, shade, and places for respite and celebration, that simply need less water and resources because they are composed of plants naturally adapted to our regional conditions. Scott is landscape design and planning coordinator at The Huntington in San Marino.

### Irrigation for the Home Edible Landscape

**Saturday, May 27; 10am-12pm**

**Instructor: Scott Kleinrock**

**\$25 members; \$35 non-members**

Spray or drip? In-line emitter or spaghetti tube? Manual or automatic valves? A well designed irrigation system can be a key factor to the success of your vegetable garden, and make a difference in being able to supply the right amount of water at the right time to grow top quality home-grown favorites. Optimal approaches are different for fruit trees, vegetable beds and more integrated edible landscapes.



# Kids love Nature Camp



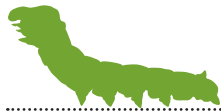
Imagine your child spending spring or summer break exploring the lush gardens of the Arboretum, discovering the awesomeness of nature, and having some old fashioned fun outdoors. Nature Camp offers all this and more at one of Southern California's most celebrated gardens. All camp activities are led by instructors and guided by counselors. Nature Camp is offered in the spring and summer. The weekly sessions, Monday through Friday, are for children ages 5-11.

Registration is now open for spring and summer sessions. Please call 626.821.4623 to register. For more information, contact Chris Orosz at 626.821.5897.

## SPRING NATURE CAMP

SESSION 1: MARCH 20-24

SESSION 2: APRIL 3-7



## SUMMER NATURE CAMP

SESSION 1: JUNE 5-9

SESSION 2: JUNE 12-16

SESSION 3: JUNE 19-23

SESSION 4: JUNE 26-30

HOLIDAY BREAK: JULY 3-JULY 7

SESSION 5: JULY 10-14

SESSION 6: JULY 17-21

SESSION 7: JULY 24-28

SESSION 8: JULY 31-AUGUST 4

### FULL DAY

9am-3:30pm

\$325 members per session

\$360 non-members per session

10% sibling discount

T-shirt included

### HALF DAY

9am-12pm; 12:30-3:30pm

\$165 members per session

\$180 non-members per session

10% sibling discount

T-shirt included

### DAILY

\$70 members per day

\$75 non-members per day

**EXTENDED CARE:** Mornings 8-9am: \$25 members; \$30 non-members; Afternoons 3:30-5pm: \$30 members; \$35 non-members. For more information, please contact Chris Orosz at [Chris.Orosz@arboretum.org](mailto:Chris.Orosz@arboretum.org) or 626.821.5897. Call 626.821.4623 to register for Spring Camp starting in January!

## Botanical Adventures

An enrichment class for children 4-6

10:30-11:30am; Mondays, February 6-27; March 6-27; April 3-24  
Instructor: Alka Kumar; \$100 per month members; \$110 per month non-members; \$30 drop-in per day, includes materials



**W**E BEGIN our exciting journey of plant exploration with learning about the amazing world of plants—the weird, unique and bug-eating ones. Children will learn about plant habitats, growth, function and life cycles. They also will explore spice and herb plants. Students learn through fun, hands-on creative activities! Kids create take home arts and craft projects too.



## MOMMY, DADDY, GRANDPARENTS & ME YOGA

Children ages 2-4; 10-10:45am; Tuesdays, January 10-31; February 7-28; March 7-28  
Instructor: Andrea Walsh; \$35 per month members; \$45 per month non-members; \$15 drop-in per day

THIS CLASS PROVIDES A WONDERFUL OPPORTUNITY for parent or grandparent and child to bond and have fun while learning to focus the mind and to breathe deeply for good health. Young children have a short attention span but they can learn to do natural postures such as the child pose with the greatest of ease. All these skills can be life-long assets for your child.





## Egg-Exceptional Celebration!

JOIN US FOR OUR annual EGG-Exceptional event for kids of all ages. There will be egg hunts and egg scrambles, make and take-home activities, prizes, Jamba Juice and the Peacock Café! Baskets will be provided. Mark your calendar for some EGG-Exceptional fun on **Saturday, April 15, 9am-12pm**. Arboretum members can beat the crowds by taking advantage of special early entry privileges between 8 and 9am. Fee for children's activities, regular admission applies. The activities fee is \$3 per child for members; \$5 per child non-members.



## Faery Fun Time

**Saturday, April 29, 9:30am-12:30pm; \$10 for members (adults and children); \$15 for non-members (adults and children)**

**T**HE FAERIES ENCOURAGE US TO GO OUTDOORS. THE OUTDOORS WILL rejuvenate your spirits and your heart will take wing! Join the faeries from A Faery Hunt up close in an interactive walkabout in the enchanted gardens of the Arboretum. The faeries will bring you stories of faery magic and flowers, with dancing, singing and fun. Children are encouraged to come in their favorite costume. Groups and parties are welcome! This event is amusing and fun for the whole family, children ages 2-10 and the young at heart. Stay and have your lunch at the Peacock Café and have a full day of faery fun at the Arboretum. Call 626.821.4623 to purchase your tickets now.



## Spring Into Green!

**LOS ANGELES ENVIRONMENTAL EDUCATION FAIR**  
**Saturday, March 11, 9am-3pm; free with admission; members free**



JOIN US AS SEVERAL THOUSAND families, educators, scouting groups and students from all over the Los Angeles area come to network with local environmental community resources. You will learn about lifestyle solutions that affect the health of our planet

through hands-on workshops and in-booth presentations. Other event activities include sustainable food sampling, tours, multicultural music, science scavenger hunts, art activities, eco-friendly demonstrations and nature games for all ages.





# JANUARY AT THE ARBORETUM

## EVENTS:

### LOVELY ALOES WALKING TOUR

Saturday, January 14; 11am

Members free; free with admission

Guide: Frank McDonough, Botanical Information Consultant

Learn about the variety and beauty of our aloes. These water-saving plants have architecturally interesting features.

### ARTISTS OPEN HOUSE

Saturday, January 14 & 28; 1-4pm

The Arboretum Library is holding an open call to artists.

For details see page 4.

### BAIKO-EN BONSAI KENKYUKAI SHOW & SALE

Saturday & Sunday,

January 21 & 22

10am-4:30pm

Members free; free with admission

Baiko-En Bonsai Kenkyukai Society will present the only show of deciduous, miniaturized trees in the United States.

### SOUTHERN CALIFORNIA CAMELLIA SHOW

Saturday, January 28; 1-4:30pm

Sunday, January 29; 9am-4:30pm

Members free; free with admission

See and enjoy different varieties of lovely camellias.

## GARDENING

### THURSDAY WHAT'S HAPPENING IN GARDENING

Winter session, 8 weeks

January 12-March 2

9:30am-12pm

\$140 series; \$25 per class

Full schedule at [arboretum.org](http://arboretum.org)

January 12; Matt-Dell Tufenkian

Propagating pelargoniums

January 19; Lili Singer

Gardening with our tiniest birds

January 26; Jo O'Connell

Australian native plants

### CRESCENT FARM WORKSHOP: LAWN ALTERNATIVES

Saturday, January 21; 10am

Members free; free with admission

Reimagine your lawn with interesting, vibrant alternatives! Explore cool- and warm-season grasses.

### HOME ORCHARDING

Saturday, January 28

10am-12pm

Instructor: Steve Hofvendahl

For details see page 11.

## KIDS & FAMILY

### BOOKWORMS: A STORYTELLING PROGRAM

WHAT'S UNDERGROUND? ROOTS!

Wednesday, January 11 & 18

Saturday, January 14

Thursday, January 26

10:30am

Members free; free with admission

Children ages 3-6 enjoy nature stories and a take-home craft.

### MOMMY, DADDY, GRANDPARENTS & ME YOGA

Tuesdays, January 10, 17, 24, 31

10-10:45am

Instructor: Andrea Walsh

For details see page 12.

### FAMILY BIRD WALK

Saturday, January 14; 8-10am;

\$5 general public; Arboretum

and Audubon members free;

children 12 and under free

Guide: Julia Ray from

Pasadena Audubon Society

The walk is open to all ages and all levels of birding.

### GUERRILLA GARDENING WITH NATIVE PLANTS

Saturday January 21; 10am-12pm

\$10 per child for members; \$12 per

child for non-members;

pre-registration required.

Learn about California native plants and the benefits of planting them. Make seed balls.

## COLLECTIONS

### PLANT INFORMATION

Wednesday, January 4; 1:30-3pm

Members free; free with admission

Frank McDonough, Botanical

Information Consultant

Topics TBD; visit [arboretum.org](http://arboretum.org).

### READING THE WESTERN LANDSCAPE BOOK CLUB

WEST OF EDEN

BY JEAN STEIN

Wednesday, January 25; 7pm

Free

Leader: Susan Eubank,

Arboretum Librarian

The group explores the portrayal of western North American landscape in fiction, non-fiction and poetry.

For details visit [arboretum.org](http://arboretum.org).

### SANTA ANITA DEPOT TOURS

Tuesdays & Wednesdays,

10am-4pm; Sundays, 1-4pm

Members free; free with admission

### DOCENT-LED WALKING TOURS

Tuesday-Friday, 10am

Saturday, 10:30am

Members free; free with admission

## ART

### ART WORKSHOP

Mondays, January 30-March 20

9:30-11:30am

\$40 members; \$50 non-members

This self-directed workshop (no official instructor) provides a supportive, encouraging environment for artists.

### NEW! OIL PAINTING

Saturdays, January 14-

February 18; 1-3:30pm

\$69 members; \$79 non-members

Instructor: Ron Pettie

Capture the beauty of nature! We will guide a beginner to draw and paint with confidence. Advanced students will be able to paint independently at their own pace and choose their own subjects. All materials are included.

### BOTANICAL ART & ILLUSTRATION

Tuesdays, January 10, 17, 24, 31

10am-2pm

\$275 members; \$295 non-members

Instructor: Cristina Baltayan

The classes will explore color pencil, graphite, pen and ink and watercolor on various papers, vellum and other surfaces.

## HEALTH & WELLNESS

### TAI CHI

Thursdays, January 26, February

2, 9, 16; 9-10:30am

Instructor: Master Arnold Chien

For details see page 11.

### YOGA IN THE GARDEN

Tuesday evenings,

January 10, 17, 24, 31; 5:30-6:45pm

Thursday mornings,

January 5, 12, 19, 26; 9:30-10:45am

\$35 members; \$45 non-members;

\$15 drop in, per day

Instructor: Candyce Columbus

Class begins with a 10-15 minute warm-up followed by a rejuvenating traditional Indian Hatha yoga practice session.





# FEBRUARY AT THE ARBORETUM

## EVENTS

### PACIFIC ROSE SOCIETY ANNUAL AUCTION

**Saturday, February 4; 9am-5pm**  
*Members free; free with admission*  
The Pacific Rose Society hosts its annual auction of hard-to-find, unusual, new and direct-from-growers rose plants.

### LOVE POTIONS FROM THE GARDEN WALKING TOUR

**Saturday, February 11; 11am**  
*For details see page 4.*

### MUSHROOM FAIR

**Sunday, February 12; 10am-4:30pm**  
*Members free; free with admission*  
Los Angeles Mycological Society (LAMS) holds its annual Wild Mushroom Fair that will include demonstrations on growing, cooking and identifying mushrooms.

## GARDENING

### WHAT'S HAPPENING IN GARDENING

**Thursdays, February 2, 9, 16, 23**  
**9:30am-12pm**

*\$25 per class*

**February 2; January Nordman**

The nature of permaculture

**February 9; Rebecca Tufenkian**

Gardens of downtown Los Angeles

**February 16; Brandon Walker**

Irrigation overview

**February 23; Susan Eubank**

Library resources for gardeners

**March 2; Edwina Pellikka**

Plant-based fabrics and dyes

### SOIL SCIENCE FOR HOME & PROFESSIONAL GARDENERS

**Saturday, February 4; 10am-12pm**  
*For details see page 9.*

### NEW CALIFORNIA LANDSCAPE

**Saturday, February 11**  
**10am-12:30pm**  
*\$25 members; \$35 non-members*  
*Instructor: Jill Morganelli, Arboretum Horticultural Supervisor*  
Learn about water-maximizing garden design, construction, irrigation systems and plants.

### SUNDAY WHAT'S HAPPENING IN GARDENING

**Sundays, February 12, 19, 26;**  
**1-3pm**  
*\$25 members; \$35 non-members*  
**February 12; Nick Hummingbird**  
Hahamonga Nursery

**February 19; Harold Koopowitz**  
Understanding color in flowers  
**February 26; Danny Finkelstein & the Valley Hive**  
Beekeeping

### CRESCENT FARM WORKSHOP: SWALES

**Saturday, February 18; 10am**  
*Members free; free with admission*  
Learn about designing, building and maintaining swales.

### WILD SUBURBIA: LEARNING TO GARDEN WITH NATIVE PLANTS

**Sunday, February 19; 3-5pm**  
*For details see page 11.*

### RAISED BED GARDENING WITH FARMSCAPE

**Saturday, February 25**  
**10am-12pm**  
*\$25 members; \$35 non-members*  
*Instructor: Matthew Geldin*  
Raised bed essentials: Right soil, manual and automatic irrigation techniques, garden planning and seasonal tips.

## COOKING

### FRESH; CELEBRATING THE TABLE STEVEN MARY

**Wednesday, February 8; 3-5pm**  
*\$50 members; \$60 non-members*  
*For details visit [arboretum.org](http://arboretum.org).*

## KIDS & FAMILY

### BOOKWORMS

**THERE'S A WHOLE WORLD OF PLANTS OUT THERE**  
**Wednesdays, February 1 & 15**  
**Saturday, February 11**  
**Thursday, February 23**  
**10:30am**  
*For details see page 14.*

### BOTANICAL ADVENTURES

**Monday, February 6, 13, 20, 27**  
*For details see page 12.*

### MOMMY, DADDY, GRANDPARENTS & ME YOGA

**Tuesday, February 7, 14, 21, 28**  
*For details see page 12.*

### FAMILY NIGHT HIKE ADVENTURE

for children 6 and under  
**Saturday, February 4**  
**5:30pm-7:15pm**  
*\$10 per child for members;*  
*\$12 per child for non-members*

Explore the Arboretum at night and see nocturnal animals.

### FAMILY NIGHT HIKE ADVENTURE

for children 7-12  
**Saturday, February 18**  
*For time and fee see above.*

### FAMILY BIRD WALK

**Saturday, February 11; 8-10am**

## COLLECTIONS

### PLANT INFORMATION

**Wednesday, February 1**  
**1:30-3pm**  
*Topic TBD; details at [arboretum.org](http://arboretum.org).*

### READING THE WESTERN LANDSCAPE BOOK CLUB

**EAST OF EDEN, PART 1 BY JOHN STEINBECK**  
**Wednesday, February; 7pm**

### SANTA ANITA DEPOT TOURS

**Tuesdays & Wednesdays,**  
**10am-4pm; Sundays, 1-4pm**

### DOCENT-LED WALKING TOURS

**Tuesday-Friday, 10am**  
**Saturday, 10:30am**

## ART

### OIL PAINTING

**Saturdays, February 25-April 1**  
*For details see page 14.*

### BOTANICAL ART & ILLUSTRATION

**Tuesdays, February 7, 14, 21, 28**  
*For details see page 14.*

### GARDEN NIGHT PHOTOGRAPHY CLASS

**Saturday, February 25**  
**7:30-10pm**  
*\$30 members; \$40 non-members*  
*Instructor: Frank McDonough*  
Night offers unique photographic opportunities in the garden.

## HEALTH & WELLNESS

### TAI CHI

**Thursdays, February 23,**  
**March 2, 9, 16**  
*For details see page 11.*

### YOGA IN THE GARDEN

**Tuesday evenings,**  
**February 7, 14, 21, 28**  
**5:30-6:45pm**  
**Thursday mornings,**  
**February 2, 9, 16, 23**  
**9:30-10:45am**





# MARCH AT THE ARBORETUM

## EVENTS

### MONROVIA ROCK HOUNDS SHOW & SALE

Saturday & Sunday, March 4 & 5  
9am-4:30pm

Members free; free with admission  
Gems, minerals, fossils, geodes  
and jewelry will be displayed at  
this annual gem and mineral show.

### LOS ANGELES ENVIRONMENTAL EDUCATION FAIR

Saturday, March 11; 9am-3pm

Members free; free with admission  
For details see page 13.

### IKEBANA INTERNATIONAL SHOW & SALE

Saturday, March 18; 11am-4:30pm  
Sunday, March 19; 9:30am-4pm

Members free; free with admission  
Different schools of Japanese flower  
arrangement will be represented  
from classical to naturalistic to  
avant-garde at the two-day show.

### GREAT TOMATO TALK & SPRING PLANT SALE

Friday-Sunday, March 24-26  
9am-4:30pm

Members free; free with admission  
For details see page 4.

### PEACOCK DAY

Saturday, March 25

Members free; free with admission  
For details see page 7.

## GARDENING

### THURSDAYS WHAT'S HAPPENING IN GARDENING

Spring session: March 9-April 27  
9:30am-12pm

\$140 for series; \$25 per class  
Full schedule at [arboretum.org](http://arboretum.org)

March 9; Kathy Musial

Less common Australian trees  
at The Huntington

March 16; Matt-Dell Tufenkian

Landscaping with herbs and edibles  
March 23; Frank McDonough  
Five things that will completely  
blow your mind about trees!

March 30; Joe Brosius

Spring blooming plants

### CRESCENT FARM WORKSHOP: CALIFORNIA MEADOW

Saturday, March 11; 10am

Members free; free with admission  
Spend a spring morning in a beautiful  
meadow at Crescent Farm! We

explore the progress of California-  
friendly wildflowers we planted  
last fall. Habitat building and meadow  
maintenance will be discussed.

### SUNDAYS WHAT'S HAPPENING IN GARDENING

Sundays, March 12, 19; 1-3pm

\$25 members; \$35 non-members

March 12; Christine Anthony

Planning your summer garden

March 19; Matt-Dell Tufenkian

Scented geranium garden

### PLANT PROPAGATION

Saturday, March 18; 10am-12pm

\$25 members; \$35 non-members

Instructor: Laramee Haynes

Propagating your own plants can  
be a rewarding and truly green  
hobby. Making cuttings, divisions  
and planting seeds can be  
surprisingly easy.

## COOKING:

### FRESH; CELEBRATING THE TABLE

Smith Brothers Restaurant

Wednesday, March 8; 3-5pm

\$50 members; \$60 non-members

For details visit [arboretum.org](http://arboretum.org)

## KIDS & FAMILY

### BOOKWORMS

#### PEACOCKS!

Wednesdays, March 1 & 15

Saturday, March 25

Thursday, March 30

10:30am

For details see page 14.

### BOTANICAL ADVENTURES

Monday, March 6, 13, 20, 27

For details see page 12.

### MOMMY, DADDY, GRANDPARENTS & ME YOGA

Tuesday, March 7, 14, 21, 28

10-10:45am

For details see page 12.

### FAMILY BIRD WALK

Saturday, March 11; 8-10am

For details see page 14.

### SPRING NATURE CAMP

Session 1: March 20-24

For details see page 12.

## COLLECTIONS

### PLANT INFORMATION

Wednesday, March 1; 1:30-3pm

Topic TBD; visit [arboretum.org](http://arboretum.org).

### READING THE WESTERN LANDSCAPE BOOK CLUB

*EAST OF EDEN*, PART 2

BY JOHN STEINBECK

Wednesday, March 29; 7pm

Free

For details visit [arboretum.org](http://arboretum.org).

### SANTA ANITA DEPOT TOURS

Tuesdays & Wednesdays,

10am-4pm; Sundays, 1-4pm

### DOCENT-LED WALKING TOURS

Tuesday-Friday, 10am

Saturday, 10:30am

## ART

### BOTANICAL ART & ILLUSTRATION

Tuesdays, March 7, 14, 21, 28

10am-2pm

For details see page 14.

### LANDSCAPE PHOTOGRAPHY CLASS

Saturday, March 11; 3-5:30pm

\$45 members; \$55 non-members

Instructor: Frank McDonough

Frank McDonough will share basic  
and advanced instruction on  
landscape photography using the  
Arboretum as a subject and a  
backdrop.

### GARDEN NIGHT PHOTOGRAPHY CLASS

Saturday, March 25

7:30-10pm

Instructor: Frank McDonough

For details see page 15.

### ART WORKSHOP

Mondays, March 27-May 15

9:30-11:30am

\$40 members; \$50 non-members

For details see page 14.

## HEALTH & WELLNESS

### NEW! EASY TO GROW SUPERFOODS

Saturday, March 4; 10am-12pm

Instructor: Loretta Allison

\$25 members; \$35 non-members

For details see page 11.

### YOGA IN THE GARDEN

Tuesday evenings,

March 7, 14, 21, 28; 5:30-6:45pm

Thursday mornings,

March 2, 9, 16, 23; 9:30-10:45am

For details see page 14.





# APRIL AT THE ARBORETUM

## EVENTS

### AMERICAN CERAMIC SOCIETY-DC FESTIVAL AND GIFT SHOW

Saturday & Sunday, April 1 & 2  
9am-5pm

*Members free; free with admission*  
Enjoy unique, handcrafted, whimsical and one-of-a-kind artwork from Southern California clay artists.

### SANTA ANITA DERBY DAY 5K

Saturday, April 8; 8am

*Details: kinanevents.com/*  
*EVENTS/SA*

### SPRING IRIS SHOW & SALE

Saturday & Sunday, April 8 & 9  
9:30am-4:30pm

*Members free; free with admission*  
The Southern California Iris Society presents tall bearded, small bearded and aril-bred irises.

### EGG-CEPTIONAL CELEBRATION

Saturday, April 15

*For details see page 13.*

### DAYLILY SHOW & PLANT SALE

Saturday, April 15: 9am-4pm  
Sunday, April 16: 9am-3pm

*Members free; free with admission*  
The Southern California Hemerocallis & Amaryllis Society show features educational displays, demonstrations and bulbs for sale.

### ROSE SHOW & SALE

Saturday, April 22; 1-5pm  
Sunday, April 23; 9am-4:30pm

*Members free; free with admission*  
The Pacific Rose Society hosts one of the largest rose shows.

### BUTTERFLY HUBS

#### WALKING TOUR

Sunday, April 23; 11am

*Members free; free with admission*  
*Guide: Bryan Burks*  
We unveil our official Monarch Waystation certification.

### ARTBORETUM

#### BOTANICAL ART SHOW & SALE

Friday-Sunday, April 28-30

11am-5pm

*Members free; free with admission*  
Our Botanical Art and Illustration students and our Art Workshop participants exhibit their work.

### A FAERY HUNT

Saturday, April 29

*For details see page 13.*

## COOKING

### FRESH: CELEBRATING THE TABLE

BRUCE KALMAN OF UNION  
PASADENA AND KNEAD

Wednesday, April 5; 3-5pm

*For details visit arboretum.org.*

## GARDENING

### NO SACRIFICE, LOW WATER GARDEN

Saturday, April 1; 10am-12pm

*For details see page 11.*

### WHAT'S HAPPENING IN GARDENING

Thursdays, April 6, 13, 20, 27  
9:30am-12pm; \$25 per class

April 6; Jill Morganelli

Favorite places in the Arboretum

April 13; Laura Bauer

Design with native plants

April 20; Laramie Haynes

Propagation

April 27; Leigh Adams

Water harvesting design

### INTRO TO PLANT IDENTIFICATION

Friday, April 7, 14, 21, 28  
1:30-4pm

\$60 members; \$70 non-members

*Instructor: Frank McDonough*

Learn about plant classification and how to identify plants by genus.

### CRESCENT FARM WORKSHOP: POLLINATORS

Saturday, April 22; 10am

*Members free; free with admission*

Crescent Farm's plant selections attract bees, bird and butterflies.

## KIDS & FAMILY

### TERRARIUMS AND GREENHOUSES

Saturday, April 1; 10am-12pm

\$10 per child for members; \$12 per child for non-members

Make your own terrarium to take home. For children ages 7-12.

### SPRING NATURE CAMP

Session 2: April 3-7

*For details see page 12.*

### BOTANICAL ADVENTURES

Mondays, April 3, 10, 17, 24

*For details see page 12.*

### BOOKWORMS

THE EARTH IS OUR FRIEND

April 5, 9, 22, 27; 10:30am

### POLLINATORS, BUTTERFLIES, AND OTHER INSECTS

Saturday, April 22; 10am-12pm

\$10 per child for members;

\$12 per child for non-members

For children ages 7-12.

## COLLECTIONS

### PLANT INFORMATION

Wednesday, April 5; 1:30-3pm

Topic TBD, details at [arboretum.org](http://arboretum.org).

### WESTERN LANDSCAPE BOOK CLUB

*LOCAS: THE MAGIC MAGGIE & HOPEY STORIES* BY JAIME HERNANDEZ

Wednesday, April 26; 7pm; *Free*

### SANTA ANITA DEPOT TOURS

Tuesdays & Wednesdays,

10am-4pm; Sundays, 1-4pm

### DOCENT-LED WALKING TOURS

Tuesday-Friday, 10am

Saturday, 10:30am

## ART

### BOTANICAL ART & ILLUSTRATION

Tuesdays, April 4, 11, 18, 25

*For details see page 14.*

### OIL PAINTING

Saturdays, April 8-May 13

*For details see page 14.*

### GARDEN NIGHT PHOTOGRAPHY CLASS

Saturday, April 29; 7-10pm

*For details see page 15.*

## HEALTH & WELLNESS

### HEALTHY BRAIN

Saturday, April 1; 10am-12pm

*For details see page 11.*

### TAI CHI

Thursdays, April 13, 20, 27,

May 4; 9-10:30am

*For details see page 11.*

### THE ESSENTIAL EDIBLE GARDEN: A NEW PARADIGM

Saturday, April 29; 12-1:30pm

*For details see page 11.*

### YOGA IN THE GARDEN

Tuesday evenings,

April 4, 11, 18, 25; 6-7:15pm

Thursday mornings,

April 6, 13, 20, 27; 9:30-10:45am

*For details see page 14.*



## EVENTS

### WILD WEST DAY & QUEEN ANNE COTTAGE TOURS

Saturday, May 6; 10am-4pm  
For details see page 5.

### GERANIUM SOCIETY SHOW & SALE

Saturday & Sunday, May 13 & 14  
9am-4pm  
Members free; free with admission  
The International Geranium Society, Los Angeles branch, presents this wonderful annual display of geraniums.

### SAN GABRIEL VALLEY ORCHID HOBBYIST AUCTION

Thursday, May 18; 6-9:30pm  
Free  
For details visit [arboretum.org](http://arboretum.org).

### CYCADS AND ANCIENT PLANTS AT THE ARBORETUM WALKING TOUR

Saturday, May 20; 11am  
Members free; free with admission  
Guide: Frank McDonough  
Explore the Arboretum's excellent cycad collection and other ancient plants.

### ANNUAL EPIPHYLLUM SHOW & SALE

Sunday, May 21  
9am-4pm  
Members free; free with admission  
Treat yourself to an enjoyable time viewing these unusual and gorgeous flowers and learning all about them.

### DESCANSO CHRYSANTHEMUM SPRING PLANT SALE

Saturday & Sunday, May 21 & 22  
9am-4pm  
Members free; free with admission  
Over 150 varieties of rooted chrysanthemum cuttings will be available at the show as well as perennial flowers and shrubs, and vegetable plants.

### SANTA ANITA BONSAI SHOW

Saturday-Monday, May 27-29  
9am-5pm  
Members free; free with admission  
The Santa Anita Bonsai Society will present trees trained to look like miniature forest giants with trees up to four feet tall such as maples, junipers and pines will be on display.

## GARDENING

### THE NEW CALIFORNIA LANDSCAPE

Saturday, May 13; 10am-12:30pm  
\$25 members; \$35 non-members  
Instructor: Jill Morganelli  
For details see page 15.

### CRESCENT FARM WORKSHOP: WEAVING/BASKETRY

Saturday, May 20; 10am  
Members free; free with admission  
Learn to use your bio-mass (plant waste) to create garden structures. Simple weaving techniques can use leaves as cordage, branches as trellises, tomato cages, shade shelters and various long lasting leaves as weavers. Design and build compost structures, plant guards and soil traps in your own Crescent Garden.

### IRRIGATION FOR THE HOME EDIBLE LANDSCAPE

Saturday, May 27; 10am-12pm  
\$25 members; \$35 non-members  
Instructor: Scott Kleinrock  
For details see page 11.

## KIDS & FAMILY

### BOOKWORMS: A STORYTELLING PROGRAM RAZZLE, DAZZLE; PAINTING THE COLORS WE SEE

Wednesdays, May 3 & 17  
Saturday, May 20;  
Thursday, May 25  
10:30am  
Members free; free with admission  
For details see page 14.

### WET WRIGGLERS

Saturday, May 13; 10am-12pm  
\$10 per child for members;  
\$12 per child for non-members  
Learn all about worms, their role in our ecosystem, and how they can help us compost. For children ages 7-12.

### FAMILY BIRD WALK

Saturday, May 13; 8-10am  
Fee  
Guide: Julia Ray from Pasadena Audubon Society  
For details see page 14.

## COLLECTIONS

### PLANT INFORMATION

Wednesday, May 3; 1:30-3pm  
Members free; free with admission  
Instructor: Frank McDonough  
Topic TBD; details at [arboretum.org](http://arboretum.org).

### READING THE WESTERN LANDSCAPE BOOK CLUB LEARNING LAS VEGAS BY ELIZABETH BARLOW ROGERS

Wednesday, May 31; 7pm  
Free  
Leader: Susan Eubank  
For details visit [arboretum.org](http://arboretum.org).

### SANTA ANITA DEPOT TOURS

Tuesdays & Wednesdays,  
10am-4pm; Sundays, 1-4pm  
Members free; free with admission  
For details see page 14.

### DOCENT-LED WALKING TOURS

Tuesday-Friday, 10am  
Saturday, 10:30am  
Members free; free with admission  
For details see page 14.

## ART

### BOTANICAL ART & ILLUSTRATION

Tuesdays, May 2, 9, 16, 23  
10am-2pm  
\$275 members; \$295 non-members  
Instructor: Cristina Baltayan  
For details see page 14.

### OIL PAINTING

Saturdays, May 20-June 24  
1-3:30pm  
\$69 members; \$79 non-members  
Instructor: Ron Pettie  
For details see page 14.

### ART WORKSHOP

Mondays, May 22-July 10  
9:30-11:30am  
\$40 members; \$50 non-members  
For details see page 14.

### GARDEN NIGHT PHOTOGRAPHY

Saturday, May 27; 7-10pm  
\$30 members; \$40 non-members  
Instructor: Frank McDonough  
For details see page 15.

## HEALTH & WELLNESS

### TAI CHI

Thursdays, May 11, 18, 25, June 1  
9-10:30am  
\$35 members; \$45 non-members  
Instructor: Master Arnold Chien  
For details see page 11.

### YOGA IN THE GARDEN

Tuesday evenings,  
May 2, 9, 16, 23; 6-7:15pm  
Thursday mornings,  
May 4, 11, 18, 25; 9:30-10:45am  
For details see page 14.





# JUNE AT THE ARBORETUM



Hooded Oriole

## EVENTS

### DAYLILY SHOW & PLANT SALE

Saturday, June 3: 9am-4pm

Sunday, June 4: 9am-3pm

*Members free; free with admission*

The Southern California Hemerocallis & Amaryllis Society sponsors this annual show that features educational displays and demonstrations. Bulbs will be for sale.

### LOS ANGELES INTERNATIONAL FERN SOCIETY SHOW AND SALE

Saturday & Sunday,  
June 10 & 11; 9am-5pm

*Members free; free with admission*

Enjoy displays of ferns and other exotic plants at their finest. Informative lectures are scheduled for both days with opportunity drawings throughout each day.

### PASADENA SYMPHONY & POPS BROADWAY: THE GOLDEN AGE

Saturday, June 17; 5:30-10pm

*For details see page 5 or*

[pasadenasympphony-pops.org](http://pasadenasympphony-pops.org).

### BUTTERFLY IDENTIFICATION WALKING TOUR

Saturday, June 24; 11am

*Members free; free with admission*

Guide: Bryan Burks,  
Arboretum gardener

Join Bryan Burks on a discovery tour of our butterfly hubs and learn how to identify the butterflies that visit.

## GARDENING

### CRESCENT FARM WORKSHOP: HORTICULTURE

Saturday, June 17; 10am

*Members free; free with admission*

Explore horticulture at Crescent Farm. Tour our choices for low water lawn alternatives, California native ethnobotanical plants of our local indigenous tribes, arid climate orchard trees and native wildflowers! Get ideas for your home landscape from our New California Landscape. Growing tips will also be discussed.

## KIDS & FAMILY

### SUMMER CAMP

Weekly sessions begin June 5

*For details see page 12.*

### BOOKWORMS: A STORYTELLING PROGRAM ITCHY, POKEY, GOOEY, YUCKY: PLANT WARRIORS

Wednesday, June 14 & 21

Saturday, June 17

Thursday, June 29

10:30am

*Members free; free with admission*

*For details see page 14.*

### FAMILY BIRD WALK

Saturday, June 10; 8-10am

*\$5 general public; members free*

Guide: Julia Ray from Pasadena  
Audubon Society

*For details see page 14.*

## COLLECTIONS

### PLANT INFORMATION

Wednesday, June 7; 1:30-3pm

*Members free; free with admission*

Instructor: Frank McDonough

Topic TBD; details at

[arboretum.org](http://arboretum.org).

### READING THE WESTERN LANDSCAPE BOOK CLUB NOW AND AT THE HOUR OF OUR DEATH BY SUSAN MOREIRA, TRANSLATED BY JULIA SANCHES

Wednesday, June 28; 7pm

*Free*

Leader: Susan Eubank

*For details visit [arboretum.org](http://arboretum.org).*

### SANTA ANITA DEPOT TOURS

Tuesdays & Wednesdays,

10am-4pm; Sundays, 1-4pm

*Members free; free with admission*

*For details see page 14.*

### DOCENT-LED WALKING TOURS

Tuesday-Friday, 10am

Saturday, 10:30am

*Members free; free with admission*

*For details see page 14.*

## ART

### BOTANICAL ART & ILLUSTRATION

Tuesdays, June 6, 13, 20, 27

10am-2pm

*\$275 members;*

*\$295 non-members*

Instructor: Cristina Baltayan

*For details see page 14.*

## HEALTH & WELLNESS

### CULTIVATING A HEALTHY BRAIN

Saturday, June 3; 10am-12pm

*\$25 members; \$35 non-members*

Instructor: Dr. Robert Tager

*For details see page 11.*

### YOGA IN THE GARDEN

Tuesday evenings,

June 6, 13, 20, 27; 6-7:15pm

Thursday mornings,

June 1, 8, 15, 22; 9:30-10:45am

*For details see page 14.*



# The Good Family-Living Up to Their Name



**P**hilanthropy and giving back were always part of George and Marcia Good's values. When they launched the George and Marcia Good Family Foundation in 1997, the idea was to support organizations they cared about and to encourage the family to participate, says daughter Mary Good Lindgren. Mary, the youngest of three sisters, heads up the foundation and serves on its board with her mother Marcia and sisters Virginia (Gini) Good Falconer and Kathleen (Kathy) Good Podley. Today the family tradition of giving continues with the next generation—the Goods' six grand-

children and their spouses.

The foundation is a fitting legacy for George, who passed away in 2013. It was his idea to start the foundation. He and Marcia were college sweethearts at Stanford University. George went on to serve in the Navy and earn a Stanford MBA. He started a company that designed, manufactured, imported and sold giftware items. George and Marcia, both very busy people, found time to be involved in numerous non-profit organizations.

Long-term Arboretum supporters, the Goods have always had an affinity for the Library. They first funded the conversion of the card catalog to an online version in 2006. Last spring, their foundation provided a two-year grant to assess, catalog and preserve the Library's rare book collection. Its oldest book dates back to 1578: *An English translation of A Nieuwe Herball, or Historie of Plantes* by Rembert Dodoens.

In 2016, the Goods also provided seed money to launch a Library Endowment. They see the Library as the great resource it is—the region's largest, public collection of materials

on all aspects of plants, especially botany and gardening. They hope others will support the endowment.

Mary, who grew up and still lives in Arcadia, fondly recalls that as a child she was an avid reader and loved history and visiting the Arboretum. She describes the Arboretum as an amazing place that remains part of her identity.

"I think the Arboretum is so many things to so many different people," Mary said. "It's an open space where people can just be in nature and have a breath of fresh air. It's a place that reminds us of our history. It's a place where you can go and learn, get information, and it's a place where friends go for concerts. People come for different reasons—some come just to walk."

Mary and Marcia both recognize the Arboretum has a vital public-private partnership with Los Angeles County, and that private support is critical to the garden's future. "If we don't want these opportunities to go away," said Mary, "then we need to support and supplement what the county can do. We need to do this for the Arboretum!"

## FREDDI AND DR. KENNETH HILL—LEAVING A LEGACY

WHAT DO YOU FIND WHEN you mix the Arboretum with the Pasadena POPS? Why you find Freddi and Ken Hill enjoying two of their favorite things — gardens and music! The Altadena couple has dedicated many years to supporting important causes that enrich our community and enhance cultural experiences.

Freddi and Ken, however, do so much more than lend their financial support, they get actively involved. Ken brought his business acumen, MBA, and PhD, to the Arboretum Foundation, non-profit partner at the Arboretum, and has just completed his third term as an Arboretum Foundation

Trustee. His tenure included serving as past president, and he will continue his contributions as an Honorary Trustee. Meanwhile, Freddi serves on the Pasadena Symphony and POPS board. Ken, in fact, was instrumental in bringing the POPS to the Arboretum in 2012.

Generous annual donors for years, Freddi and Ken recently decided to leave an estate gift to the Arboretum Foundation through the Samuel Ayres Legacy Society (see box page 21). Their favorite spot at the Arboretum is Tallac Knoll for its marvelous setting and view, and their gift will help ensure that this vista

and the Arboretum thrive for future generations.

"You don't have to be wealthy people to make a planned gift," said Ken. "You can take care of family and still leave a little something for organizations you care about."

Freddi, who enjoys walks in the Arboretum and has enjoyed the FRESH cooking classes, grew to love gardening after she met Ken, and together they maintain a beautiful home garden featuring a rose collection, fruit trees, and beds for vegetables and herbs.

"The Arboretum is such a vital institution," said Ken. "People need a connection to gardens and earth, plus



there are environmental benefits. Gardens provide solace and allow people to rejuvenate in peace and natural beauty. It's just critical that we have places like this, and they need to be preserved and supported."



# THANK YOU TO OUR SUPPORTERS

## Celebrating Arboretum Benefactors

The Arboretum is grateful to its Benefactors and celebrates their critical role as the organization's highest level of supporters. In recognition of their philanthropic support, which is key to advancing the Arboretum's mission, Benefactors enjoy special benefits all year long, including invitations to exclusive Benefactor-only programs, receptions, tours, lectures and additional member benefits at the level chosen.

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## SAMUEL AYRES LEGACY SOCIETY

**S**AMUEL AYRES, A VISIONARY who brought color and beauty to the arid landscape of Los Angeles, was the driving force in the establishment of the Los Angeles County Arboretum and Botanic Garden, a 127-acre urban sanctuary in Southern California.

We are grateful to the following individuals and families who share Ayres' vision of a great public garden and have named the Los Angeles Arboretum Foundation in their wills or estate plans to ensure this important community asset flourishes for future generations.

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Sylvia Rosenberger at 626.  
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## A NIGHT TO HONOR PEGGY DARK

Nearly 200 guests enjoyed  
sumptuous cuisine prepared  
and donated by The Kitchen  
for Exploring Foods. The  
Arboretum is grateful to the  
many supporters for making  
the new Children's Learning  
Patio a reality! Of course, our  
deep appreciation goes to  
Peggy Dark—our Arboretum  
friend and hero for making  
the entire night possible.

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 Dennis Satterfield  
 Ms. Norma Scranton  
 Ms. Norma J. Smith  
 Späth-Arboretum der Humboldt-Universität zu Berlin, Germany  
 Ms. Joyce Spencer & Mr. Clayton Smith  
 Mr. & Mrs. Robert Tirapelle  
 Utrecht University Botanic Gardens, The Netherlands  
 Petch Vatcharasumphun  
 Mr. & Mrs. John E. Wickham  
 Ms. Marie Zimmerman  
 & Mr. Jim Mohr

**HONORARIA & MEMORIALS IN MEMORY OF SPRINKLE DUDHOWSKI INCLUDING MEMORIAL TREE**  
 Mr. Jon Dudhowski  
 & Mrs. Alexa Asjes

**IN MEMORY OF FRED HITCHMAN INCLUDING MEMORIAL TREE**  
 Cindy Hitchman

**IN MEMORY OF SUSAN KEIRN**  
 Ms. Carol Dresben  
 Mr. & Mrs. Larry Haller  
 Mrs. Louise Neiby  
**IN MEMORY OF MAJ. BENJAMIN "CHEX" MEIER, USAF INCLUDING MEMORIAL TREE**  
 Mr. & Mrs. David Meier

**IN MEMORY OF NICHOLAS MERLO INCLUDING MEMORIAL TREE**  
 Mrs. Linda Merlo

**IN HONOR OF MARTHA ROSETT INCLUDING TREE DEDICATION**  
 Liz Thomas

**IN MEMORY OF PATRICIA SANCHEZ INCLUDING MEMORIAL TREE**  
 Carole Bradford

**IN MEMORY OF HSI YANG TSAE INCLUDING MEMORIAL BENCH**  
 Mrs. Christine Wei  
 & Mr. Jeff Chen

**IN MEMORY OF ANN WOLLEN**  
 Ms. Ellen J. Ardman  
 Ms. Marsha Keene  
 Ms. Joanne E. Sanders  
 .....  
*The Arboretum appreciates your support. Listed here are donations received between May 16, 2016 and October 31, 2016. Please call the Development Office at 626.821.3237 if we inadvertently misspelled or omitted your name.*

## GIFT MEMBERSHIPS

### Share the beauty of the garden and give the gift of an Arboretum membership!

An Arboretum membership makes the perfect gift—friends, family and loved ones will enjoy benefits year-round when they receive your gift of membership. Your gift is even more meaningful because it helps to support the Arboretum's educational programs and to maintain the beauty of the garden. Arboretum memberships also make great client, office and teacher gifts! To order gift memberships, call 626.821.3233 or visit our website at [www.arboretum.org](http://www.arboretum.org).

☐ NEW ☐ RENEWAL/ I.D.# \_\_\_\_\_ ☐ GIFT

## MEMBERSHIP CATEGORIES

- ☐ \$45 Student/Teacher  
*(admits 1 adult)*
- ☐ \$55 Individual  
*(admits 1 adult)*
- ☐ \$50 Senior(s)  
*(admits 2 seniors)*
- ☐ \$75 Family  
*(admits 2 adults & children under 18)*
- ☐ \$150 Garden Sustainer  
*(admits 2 adults plus 2 guest & children under 18)*
- ☐ \$300 Garden Sponsor  
*(admits 2 adults plus 2 guest & children under 18)*

### PLEASE PRINT

First Member Name (Mr./Mrs./Ms./Dr.):

Second Member Name (Mr./Mrs./Ms./Dr.):

Address:

City, State and Zip:

Telephone: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

\_\_\_\_\_#Check payable to Los Angeles  
 Arboretum Foundation (LAAF)

☐ Visa ☐ MasterCard ☐ Discover ☐ Cash

Credit Card#: \_\_\_\_\_

Exp. Date: \_\_\_\_\_/\_\_\_\_\_ CVV: \_\_\_\_\_

Signature \_\_\_\_\_



VISIT [ARBORETUM.ORG](http://ARBORETUM.ORG) FOR A LISTING OF THE LATEST NEWS AND EVENTS AT THE ARBORETUM.

## Brainy Volunteer



**Dr. Bob Tager** is a neurologist, professor, artist (painter and photographer), and a Los Vols volunteer with a firm commitment to the connection between nature and healthy bodies and minds.

He earned a BA in psychology at UCLA, attended USC Medical School where he graduated as an MD and then specialized in neurology.

Bob spent the next 10 years as a neurologist on staff at both Methodist Hospital in Arcadia and Huntington Hospital in Pasadena before he became medical director of Casa Colina Hospital for Rehabilitation Medicine in Pomona.

When Bob and his wife resettled in Sierra Madre in 2000 he began walking at the Arboretum, and eventually became a Los Vols field docent leading adult walking tours.

Although officially retired, he continues to teach Introduction to Clinical Medicine at the USC Keck School of Medicine. Bob has incorporated the Arboretum into the school curriculum by leading groups of medical students on tours designed to focus on the many benefits of plants and the natural environment. He will teach a new Cultivating a Healthy Brain class for members and others at the Arboretum in April (see page 11). —*Linda Moore*

### GET INVOLVED

Volunteers provide hospitality, information and support staff in all areas of the garden. For more information about becoming a volunteer, **contact Nancy Carlton at 626.821.3210 or [nancy.carlton@arboretum.org](mailto:nancy.carlton@arboretum.org).**

### BECOME A DOCENT

No experience necessary—just enthusiasm for plants, history and an eagerness to learn and share the knowledge. Docents are needed to lead both adult and school tours. As a docent, you will spend time learning about the Arboretum's collections and local California history. Becoming a docent is a great way to meet new friends and become an integral part of the garden.

### GETTING HERE

The Arboretum is located in the city of Arcadia, just 2 miles east of Pasadena. Exit off the 210 Freeway on Baldwin Avenue and travel south. Or take the Gold Line ([metro.net](http://metro.net)) to Arcadia where you'll find a shuttle to the Arboretum. If you bike, racks are available at the Arboretum parking lot. Parking is free. Handicapped parking is available.

### PEACOCK CAFÉ

**Tuesday-Sunday; 9am-4:30pm**

The Fresh Gourmet staffs the Peacock Café and offers a varied selection of gourmet sandwiches, wraps, salads and special items from the grill. No picnics are allowed on the Arboretum grounds, but picnic tables are available outside the main entrance.

**For large parties and catering, call 626.446.2248.**

### HOURS AND ADMISSION

**Open daily 9am-4:30pm**

(Members enter at 8am)

**\$9 General Admission; Members Free**

**\$6 Seniors, Full-time students**

**\$4 Children 5-12**

**\$5 Tram Ride (weekends only)**

