What is the future of the Southern California lawn? Given a dwindling water supply and a thirsty region, lawns will inevitably be smaller, irrigated with optimal efficiency, or simply gone. All three futures can be seen at the Arboretum today, but “simply gone” is our primary focus in 2014.

This year another patch of Arboretum turf disappears, making way for native wildflowers as part of Wildflowering L.A., an initiative led by artist Fritz Haeg (see pages 6-7). As I write, seed is sown in a landscape just north of Baldwin Lake, dubbed the “Crescent” for its distinctive shape. The transition from turf to native annuals is a first step in utilizing this land to demonstrate compelling, climate-appropriate alternatives to conventional turf.

The Crescent promises an exciting future. As the wildflowers begin to fade this summer, we will develop new gardens that may draw from inspirations as varied as permaculture, plant ecology, and Native American foraging traditions. The resulting landscapes, presented as horticultural experiments, will hopefully encourage reconsideration of the continuing primacy of the front lawn. Yet change happens only when the right alternatives appear, and our ultimate goal is to demonstrate viable options for home gardens and public landscapes alike.

Fifty years ago, a burgeoning Southern California called upon the Arboretum to introduce new plants to beautify newly built communities. Today, a mature region calls on us to make the most of limited water, energy and space. The solutions will require innovation and receptivity to new forms of garden beauty and function. Thanks to your on-going support, the Arboretum is helping to show the way.

— Richard Schulhof, CEO
California home garden design and plants: Looking back 50 years

Everyone seems to love “mid-century modern” don’t they? The television show “Mad Men,” about the advertising business in the 1960s, is all the rage. Architecture and furniture of that era is back in vogue. Landscape design from that period is attracting new followers. The Arboretum Library is a comprehensive resource for garden design and plant information published between 1940 and 1970. I did a very simple search, using the keyword “garden” in the online catalog and limiting it to the publication dates. There were 680 different titles that came up. I gathered about these shelves worth of the items and put them on the tables. Folks were agog at the visuals and ideas presented before them. The mid-century aesthetics are appealing: all those clean lines, pictures of the same mid-century outdoor furniture that I have at home and cherish (a butterfly chair and a Barwa chair) and the idea that the outside and the inside have a close relationship to each other, especially in Southern California. What we can take away from many of the books are detailed plans for mid-century garden accouterments and wonderful ideas for designing your yard. That’s all good.

Then I looked deeply at Sunset Planting Ideas for Your Southern California Garden (Menlo Park, Calif.: Lane Publishing, 1951), Landscape for Living by Garrett Eckbo (New York: Architectural Record with Duell, Sloan, & Pearce, 1950), Gardens Are for People by Thomas D. Church (New York: Reinhold Publishing, 1955) and Sunset Garden & Patio Building Book (Menlo Park Calif.: Lane Publishing, 1960). I discovered that the past in those books isn’t as perfect as it seems. Of the plant recommendations, 80% are climate inappropriate (water then seemed abundant but now we know it isn’t) and there’s even an ode to asphalt for garden pathways and patio paving. Hot, sticky petroleum products for a garden?

A search for plant alternatives recommended 50 years ago, led me to the Arboretum’s publication LASCA Leaves (currently online at biodiversitylibrary.org/bibliography/63536/#summary). In many issues, the Arboretum introduced plants from South Africa, southwestern Australia and other areas that share Southern California’s Mediterranean climate. LASCA Leaves also provided a scholarly approach to picking plants for various purposes such as fire-resistance and succulent groundcovers.

As with all things of the past: Enjoy and preserve the best parts and cast out or adapt outdated ones. When it comes to reinventing mid-century for garden design and plants, keep in mind sustainability (climate appropriateness, non-invasive and drought-tolerant) when choosing through the resources. It is the Arboretum Library’s job to preserve these resources, to gather the past as well as the present so we can continue to learn.

— Susan C. Eubank, Arboretum Librarian

Ten 1950s plants that still sing from Sunset Planting Ideas for Your Southern California Garden (Menlo Park, Calif.: Lane Publishing, 1951)

TEXAS RANGER, Leucophyllum frutescens (formerly L. texanum)
ROSEMARY, Rosmarinus officinalis
LEMONADE BERRY, Rubus idaeus
OUR LORD’S CANDLE, Hesperoyucca whipplei (formerly Yucca whipplei)
ALEPPO PINE, Pinus halepensis
BLUE PALO VERDE, Parkinsonia florida (formerly Cercidium floridana)
SPANISH LAVENDER, Lavandula stoechas
ARCHIOKE, Cynara cardunculus
MATILJA POPPY, Romneya coulteri
CHASTE TREE, Vitis aegagrus-castus
Wildflowers return to the Arboretum

Artist Fritz Haeg leads an initiative to return manicured urban spaces back to nature.


On October 22, 2013, one acre of lawn at the Los Angeles Arboretum was just removed today, artist Fritz Haeg wrote on his website, “in preparation for a long term project I am in the early stages of planning, but initially as the Flagship of 50 sites across Los Angeles County for Wildflowering L.A.”

Wildflowering L.A. is a native wildflower seed planting initiative designed to bring wild, seasonal and beautiful native landscapes to different sites in the county. At the Arboretum, the acre cleared of turf will be transformed into the Crescent Garden, an experimental landscape with native plants, evergreen shrubs and manicured lawns.

Haeg, internationally known for his edible landscapes and Native Plants. Learn more about the initiative at wildflowering.org and Native Plants. Learn more about the initiative at wildflowering.org.

WILDFLOWERING L.A.

Wildflowering L.A. is a native wildflower seed planting initiative designed to bring wild, seasonal and beautiful native landscapes to different sites in the county. At the Arboretum, the acre cleared of turf will be transformed into the Crescent Garden, an experimental landscape with color and texture. Fast forward to fall 2013 when artist Fritz Haeg’s Wildflowering L.A. initiative championed the removal of nearly an acre of turf grass and subsequent sowing of 20 (yes, 20!) pounds of California native wildflower seeds on Arboretum grounds.

The Arboretum’s new wildflower meadow – a brilliant model for a true California spring – can be duplicated successfully at any scale in home gardens by following these sowing and growing guidelines.

**Site preparation:** Remove all existing weeds or grass, taking care not to dig or till below 3-4 inches of soil (digging up dormant weed seeds). Level the soil with a rake. To help the seeds adhere, wet down the soil with a rake. To help the seeds adhere, wet down the soil before sowing the seeds.

**Sowing:** Combine one part wildflower seed mix with three parts horticultural sand (“sharp sand,” of washed lime-free quartzite) and scatter evenly over the area to be planted. No need to cover or bury the seeds.

**A tip:** Sow a small amount of your seeds in a container, so that you can identify which seedlings are desired wildflowers and which are unwanted weeds to be removed.

**Watering:** “Water in” your seeds immediately after sowing, using a shower nozzle or fan spray hose attachment or an oscillating sprinkler. Water thoroughly but gently, taking care not to wash the seeds or create puddles or rills in the soil. For the first 2-3 weeks, check soil daily and water when the top surface is dry. This might be daily during warm or windy weather and less often if it’s cool or overcast. Keep the soil moist but not soggy. Most wildflower seeds should germinate within 7-14 days. Once seedlings are 3-4 inches tall, reduce your watering to no more than every 7-10 days. Always soak the soil thoroughly – never a little bit. Occasional watering throughout the blooming period will extend the show. Come spring, enjoy the beauty and wonder of California’s unique and remarkable wildflowers, as well as the insects, birds and neighbors that will appreciate your efforts! 

Lili Singer is Director of Special Projects and Adult Education at the Theodore Payne Foundation.

*The native plant seed mix used at the Arboretum is composed of:*

- Achillea millefolium (common yarrow)
- Clarkia purpurea (winecup clarkia)
- Clarkia unguiculata (elegant clarkia)
- Eschscholzia californica (California poppy)
- Gilia tricolor (bird’s-eye gilia)
- Layia platyglossa (tidy tips)
- Lupinus trancutus (collared annual lupine)
- Stipa pulchra (purple needle grass)

Lili Singer is Director of Special Projects and Adult Education at the Theodore Payne Foundation.

**Long before humans** occupied the land where the Arboretum now stands, coastal sage scrub and oak woodlands swathed the rolling terrain. And every spring masses of native wildflowers imbued the landscape with color and texture. Fast forward to fall 2013 when artist Fritz Haeg’s Wildflowering L.A. initiative championed the removal of nearly an acre of turf grass and subsequent sowing of 20 (yes, 20!) pounds of California native wildflower seeds on Arboretum grounds.

“Wildflowering L.A. is an evolution of my work toward a rethinking about urban landscapes away from clipped turf grass and Native Plants. Learn more about the initiative at wildflowering.org.

The acre where the turf, photos above, was removed and planted with a special wildflower seed mix is designated as site #22 of Wildflowering L.A. Hügels, mounds of soil piled over logs, are part of an experiment with hügelkultur, a European technique to build soil fertility and improve moisture retention.

Wildflowering L.A. is presented by LAND (Los Angeles Nomadic Division), which received a grant from the James Irvine Foundation and is working in partnership with the Theodore Payne Foundation for Wildflowers and Native Plants. Learn more about the initiative at wildflowering.org.

**The story of the seasons is told by the timing and extent of the bloom in direct proportion to the rainfall, temperatures, and climate. The plants turn a crisp golden brown as the dry summer months return, and the flowers prepare to broadcast their seeds for next year’s story.”**

“Witness this seasonal transformation at the Crescent. Join our community effort as we care for the wildflowers, protect them from birds and weed their beds so that they bloom into the spring. When you visit the Crescent and share photos, postings, and comments on Instagram, Twitter or Facebook, be sure to use the hashtags #wildfloweringla and #site22. Tag your friends and neighbors that will appreciate your efforts! 

Lili Singer is Director of Special Projects and Adult Education at the Theodore Payne Foundation.

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Daylily Garden Benefits from Bill Wilk’s Volunteering

Bill Wilk has been an active in acquiring daylilies, hybridizing them, planting, fertilizing, weeding, curating and maintaining a log of the cultivars held in the collection. He also files the renewal papers to the American Hemerocallis Society (AHS) to maintain the garden’s display and historical status each year. The Daylily Garden, containing both recent cultivar introductions and historical cultivars, was established in 2006 with support from the Southern California Hemerocallis and Amaryllis Society (SCHAS). Frank Cusenza was the first SCHAS member to work mostly alone in the founding and early development of the Daylily Garden. Subsequently, Bobbie and Frank Hogan camp and Bill Wilk provided assistance. SCHAS members donated all of the plants used in the initial design of the garden. They have maintained and curated the garden with assistance from Arboretum staff.

When asked why he is so devoted to daylilies, Bill responded, “It’s obvious!” With 75,000 registered varieties (many look similar) and the fact that when breeding crosses are made, over 75% of the offspring bloom differently from the parents. This gives tremendous variety in color, shape, size and growth habit. After a cross, one gets a blooming plant in two years (as compared to 7 to 10 years for orchids). And in Southern California the main bloom period is May and June, but reblooms occur in summer and fall. Even though a single flower lasts only one day (hence daylily), each bloom stalk can have up to 25 or more buds. So a clump of 6 plants can possibly have 6 times 25 or 150 blooms and only a few open each day for over a month.

Beyond the beauty and plasticity of daylilies, Bill explained, “Daylilies are messy plants with dead leaves and flower scapes, and they require regular watering and fertilizer. With our scarce water resources, these may not be the ideal plant for Southern California. In fact Bill Maryott, a California hybridizer and grower, sells only 10% of his daylilies in California.” Despite these constraining cultural requirements daylilies will continue to hold an important role in our landscape designs because of their beautiful flowers, resilience and durability. The Daylily Display Garden is extremely fortunate to benefit from the continued expertise, love, enthusiasm, dedication, hard work and time of Bill. It would be far less without his invaluable contributions.

—James E. Henrich is curator of living collections at the Arboretum.
Julius Shulman, the photographer of iconic mid-century Los Angeles architecture, took these pictures of the Arboretum’s new buildings in 1957. Designed by architects Ulysses Floyd Allison and George B. Rible, they neatly fit with the type of contemporary design and modern homes that Shulman made famous with his luminous photos. Shulman, who was friends with Richard Neutra and other modernist architects of that era, essentially invented the field of architectural photography in its finest form. As the Arboretum and its programs grew and changed over time, buildings were added and altered for new uses. Most of the alterations were done by Allison and Rible who worked together until 1964. Overall, the complex around the entrance retains a strong mid-century modern appearance.

Mitchell Hearns Bishop is curator of historical collections at the Arboretum.
Frank recently discussed plant information.

UC Riverside who study insects at the Arboretum.

Frank also assists entomologists from Phillips, superintendent. As a licensed pest control Susan Eubank, Arboretum librarian, and Timothy who specifically assists the public with plant questions.

botanical information consultant Frank McDonough,

the region to have someone on staff like Arboretum plant information classes, conducts special tours

He answers hundreds of inquiries, teaches plant information classes, conducts special tours and shares the beauty of garden with his stunning photographs. He works with Arboretum plant experts: James E. Henrich, curator of living collections, Susan Eubank, Arboretum librarian, and Timothy Phillips, superintendent. As a licensed pest control advisor, Frank also assists entomologists from UC Riverside who study insects at the Arboretum.

Frank recently discussed plant information.

Q. Which insects or pests should we be worried about?

A. The Polyphagus Shot Hole Borer (Eulaccia leucophaea), a beetle newly discovered in Southern California, is considered a threat to our urban and wild forests. The insect has been found in coast live oaks, cypress, white alder, red willows and the list is growing. We’re working with the UC Riverside team researching the shot hole borer.

Q. What are the signs or symptoms of a really sick plant as compared to one that is either overwatered or under watered?

A. There is very little difference. That’s why you have to bring it (plant) in. It’s very hard to tell whether a problem is a result of overwatering or a fungus. The symptoms are the same. Plants die of lack of oxygen, or anaerobic fermentation, or they die from root rot from overwatering. Frequent watering causes conditions that give rise to other problems.

Q. Is it OK to bring in a sick-looking plant or weird bug to you at the Arboretum?

A. Yes, but make sure that it is in some kind of sealed container. Don’t just bring in a branch, make sure it is in a plastic bag. Please seal up your pest. It can be alive or dead, but it has to be intact so I can compare its structure.

Q. Which plants or trees, if any, are waning in popularity?

A. Lawns are declining and less popular. What’s nice is that people are asking what to use for low-water plants. My favorite is Dymondia, which is a South African daisy relative. It’s very low growing. Once you get it established after a couple years, you only water it once a month.

Southern California is blessed with extremely mild winter year around that supports a landscape full of exotic plants. Combine these two elements and you have a region that is a virtual smorgasbord for invasive pest species. Consult either of the two following extremely informative and up-to-date websites for information about identifying current invasive species, how to control them and additional resources.

County of Los Angeles Agricultural Commissioner/Weights & Measures website for Entomology and Plant Pathology Laboratories that outlines California’s Most Wanted Insect Pests. It features pests of landscapes; pests in agricultural settings; pests of stored products, household goods and structures; and pests that sting and bite (of medical importance), as well as plant diseases.

http://acwm.lacounty.gov/scripts/pestpdf.htm

The University of California, Riverside, Center for Invasive Species Research website details invasive species in the following categories: aquatic, citrus pests, beetles and plants.

http://ecr.ucr.edu/invasive_species.html

—James E. Henrich, curator of living collections at the Arboretum

Thursday Garden Talks with Lili Singe

WINTER SESSION

Thursdays, January 9 — February 27; 7:30am—Noon; Palm Room

$100 for the series, $20 per class; Reservations or you may pay at the door.

Please note special times for field trips which are self-driven and require pre-registration.

For information and registration: 626.821.4623 or jill.berry@arboretum.org

BULLET-PROOF INTERIOR PLANTS

January 9

with Dave Lannom, horticulture professor at Mt. San Antonio College

GARDEN DESIGN:

SHAPING SPACES AROUND YOUR PLANT LIST

January 23

with Marilee Kuhlmann, founder of Comfort Zones Garden Design

Dreams and the Dream Landscape

February 6

with Paul Comstock, landscape architect

The Birder’s Garden

February 13

with Steve Gerischer, owner of Larkspr Gardens

Field Trip: The Audubon Center at Debs Park, Northeast Los Angeles

February 20

Pre-registration required

SPRING SESSION

Thursdays, March 6 — April 24; 9:30am—Noon; Palm Room

See above for details.

GARDENING WITH HISTORY, A SPECIAL PRESENTATION

February 27 with the Arboretum’s curator of historical collections Mitchell Hearns Bishop, curator of living collections James E. Henrich, tree expert Donald R. Hodel and Arboretum CEO Richard Schuloff

The Wild Lives of Parrots in California

March 6

with Salvatore Angius, creator of Californiaflocks (californiaflocks.org)

Field Trip: Theodore Payne Foundation for Wild Flowers & Native Plants, Sun Valley

March 14

10:00am—1:00pm; pre-registration required

Enjoying Herbs Every Day!

March 20

with Karen England of Edgehill Herb Farm, a home-based business (edgehillherbfarm.com)

Field Trip: Three San Gabriel Garden Gems, unique Arboretum-close home landscapes

March 27

10:00am—12:30pm; pre-registration required

Super Spring Arboretum Tram Tour

April 3

with superintendent Timothy Phillips and Arboretum staff

Mosaic Brick Workshop

April 10

with Leigh Adams, artist and garden designer

Introduction to Native Bees of California

April 17

with Hartmut Wisch, a contributing editor at bugguide.net

Too Much is Not Enough: More Smoker Plants for California

April 24

with Nicholas Staddon, director of new plant introductions for Monrovia Growers
Growing a Meadow, Mending Broken Ground

by MATTHEW GELDIN

‘Scorch’d earth,’ that’s how I affectionately referred to the area in front of the new Children’s Education Classroom built for scholastic programming and Summer Nature Camp at the Arboretum. As the former Plant Introduction Greenhouse, the site had been collecting fertilizer runoff in the soil for years. The space had become unsuitable for gardening but needed to become a productive garden to support an outdoor classroom and improve the aesthetic value of the area. Testing showed that the soil was severely compacted, with a phosphorus and potassium load that exceeded optimal levels by seven times, and only a 4% concentration of organic matter.

Though the ultimate purpose of the space is to facilitate outdoor education, it was clear that every component of the design also needed to support soil remediation in order to develop a successful garden. Instead of excavating and filling with new soil or heavy tilling-in of amendments, I designed the garden to leverage nature’s own soil healing processes. The space would be filled with plants that fix usable nitrogen from the air into the soil, have large roots that break up compacted soil, and attract beneficial insects to promote the ongoing health of the space. Before planting, we did bring in some additional garden soil, but significantly less than if we were using conventional techniques. Though this is a longer-term strategy, it has the additional benefit of providing unique learning opportunities as the soil improves over time.

There are four elements to this garden: a soil remediation meadow, butterfly planters, bug hotels and an outdoor classroom. The meadow will be planted with a custom seed blend (see box right) on 3 inches of added soil mix. The soil mix acts as an organic amendment and protective mulch for the existing soil. Once the meadow plants mature, they will be cut and layered on the ground to increase organic matter in the soil. The butterfly planters are constructed with compressed mulch, sourced from the Arboretum’s own green waste, which will break down into more organic matter to feed into the soil. The beds are being planted with Asclepias, Achillea, Monarda and other pollen-rich plants to support native butterflies like swallowtails, checkerspots, and the increasingly threatened monarch. Bug hotels provide habitat for spiders, beetles, predatory wasps, and other garden insects. I made our hotels from Arboretum bamboo and bits of twigs, feathers, and rope. The insects build their homes in the openings and crevices. Bug hotels are a great home project and many designs are even easier to build than making a birdhouse. There are many tutorials and inspiration images online. The outdoor classroom was also constructed from bamboo sourced within the Arboretum.

Meadow Plants

Nitrogen fixers: Clover, alfalfa
Soil busters: Daikon radish, carrot
Good bug attractors: Calendula, fennel, yarrow
Native bug attractors: Gilia, lupines, poppies

Arboretum. It was built by hand using bamboo staves set with bamboo pins and lashed with rope. It is loosely covered with palm fronds for shade. The classroom provides an engaging learning environment within the garden to explore the life cycles of plants and bugs and the development of healthy soil.

In designing and constructing this garden I came to realize that it not only suits the specific needs of the space, but that it is also a reflection of my own background. The garden incorporates elements of my education and experiences in studying landscape architecture at Cal Poly Pomona, materials foraging and environmental construction in Thailand, and pioneering (wood and rope lashing) projects in Boy Scouts. It has been an honor to participate here at the Arboretum.

SUMMER NATURE CAMP

The natural wonderland of the Arboretum is a perfect place for your children or grandchildren ages 5-10 to enjoy summer. Nature, teamwork, exploration, imagination, and fun are just a few things the kids will enjoy at Summer Nature Camp. They will be active, out learning about plants, bugs and history. Your child may discover a “naturally” artistic talent when we paint, draw, and sculpt crafts, using materials from the environment. All activities are led by instructors and guided by counselors. We look forward to welcoming your child to Summer Nature Camp!

DATES: ONE-WEEK SUMMER SESSIONS (M-F)

SESSION 1: JUNE 9-13
SESSION 2: JUNE 16-20
SESSION 3: JUNE 23 - 27
HOLIDAY BREAK: JUNE 30 - JULY 04
SESSION 4: JULY 07-11
SESSION 5: JULY 14-18
SESSION 6: JULY 21-25
SESSION 7: JULY 28-AUGUST 01
SESSION 8: AUGUST 04-08

FULL DAY: 9am-3:30pm
$300 members; $335 non-members; 10% sibling discount; T-shirt included

HALF DAY: 9am-Noon; 12:30-3:30pm; $150 members; $168 non-members; 10% sibling discount; T-shirt included

DAILY: $65 members; $70 non-members

EXTENDED CARE AVAILABLE: Mornings: $25 members; $30 non-members Afternoons: $30 members; $35 non-members

For more information, please contact Ted Tegart at ted.tegart@arboretum.org or 626.821.4623.
**GARDENING**

**ROSE PRUNING**
Saturday, January 4
10am-1pm; Palm Room
Instructor: Jill Morganelli
$25 members; $30 non-members
Free with admission; members free
You will learn everything you need to know about rose pruning.

**THURSDAY GARDEN TALKS WITH LILI SINGER**
Thursday, January 16, 23, 30
See page 16 for details.

**HYPERTUFA POT WORKSHOP**
Saturday, January 11
10am-noon; Palm Room
Instructor: Steve Gerischer
$30 members; $35 non-members
Pre-registration required; please call to register at 626.821.4623
Hypertufa, a mixture of cement, peat and perlite, can be used to create “instant garden antiquities.”

**BASIC TREE & SHRUB PRUNING WORKSHOP**
Saturday, January 25
10am-noon; Palm Room
Instructor: Rebecca La Torre
$25 members; $30 non-members
A pruning lecture, demonstration and hands-on practice presented by Rebecca Latta, an International Society of Arboriculture (ISA) certified arborist.

**SEEDBALLS**

**PARKING WITH LILI SINGER**

**TUEKABA: BASIC & ADVANCED**

**ART**

**ART WORKSHOP**
Saturday, January 6–February 24
9:30-11:30am; Oak Room
$40 members; $45 non-members
This is a self-directed workshop, which will focus on the deep connection between storytelling and landscape (plants too).

**BOTANICAL ART & ILLUSTRATION: BASICS OF COLOR THEORY AND COLOR MAKING**

**GARDEN NIGHT**

**GARDENING**

**DECIDUOUS FLOWERING TREES AND SUCCULENTS**
Saturday, February 22
10am–noon; Palm Room
Instructor: Jerrold Turney Ph.D, LAMS
$30 payable to the Arboretum; $167 to Mt. SAC
This for-credit class (3 units) will emphasize basic horticultural skills and techniques for gardening, nursery and landscape applications. Students must register through Mt. SAC before the first class (www.MTSCAC.edu). For information, call Mt. SAC at 909-594-5611, ext.5440.

**COOKING**

**PAUL RAGAN OF ALTAEATS RESTAURANT**

**ART**

**BOTANICAL ART & ILLUSTRATION: SPRING BULBS**
Tuesday, February 4, 11, 18, 25
See page 16 for details.

**GARDEN NIGHT PHOTOGRAPHY CLASS**
Saturday, February 8
5:30–8:30pm; Meet outside the Main Entrance.

**FITNESS**

**YOGA IN THE GARDEN**

**KIDS & FAMILY**

**SEEDBALLS**

**COLLECTIONS**

**PLANT INFORMATION KEEPING THE PERFECT GARDEN CALENDAR MAGNOLIA OR ALOE TOUR**

**Plants for event and class details. 1716**
EVENTS
MONROVIA ROCK HOUNDS SHOW & SALE Saturday & Sunday, March 1 & 2 9am-4:30pm; Ayres Hall Free with admission; members free Gems, minerals, fossils, and jewelry will be displayed at this annual gem and mineral show.

IKEBANA INTERNATIONAL SHOW & SALE Saturday, March 15, 11am-4:30pm; Sunday, March 16, 9am-4pm. Ayres Hall Free with admission; members free Different styles of Japanese flower arrangement will be represented from classical to avant-garde.

GARDENING
THURSDAY GARDEN TALKS WITH LILI SINGER Thursdays, March 6-April 24 See page 16 for details.

ORGANIC FRUIT & VEGETABLE GARDENING Saturday, March 8 12-4pm; Palm Room Instructor: Jill Morganelli $25 members; $30 non-members Learn how to grow fruits and vegetables organically.

GARDEN PESTS 101 WHAT YOU NEED TO KNOW ABOUT MANAGING PESTS Saturday, March 22 10am-noon; Meet at Main Entrance $25 per child for members; $10 per child for non-members Must be accompanied by an adult Pre-registration required. In this hands-on lesson, students will learn all about rock formations.

COLLECTIONS PLANT INFORMATION PERFECT FLOWERING TREES FOR SOUTHERN CALIFORNIA Wednesday, March 5 1:30-3pm; Plant Information Office Instructor: Frank McDonough

LOS ANGELES ENVIRONMENTAL EDUCATION FAIR: FINDING OUR WAY TO A GREENER GLOBE! Saturday, March 8 9am-3pm Event Lawn and Ayres Hall Free with admission; members free Children, parents, families and those who educate our youth will discover the latest hands-on activities, ready-to-use lesson ideas, and useful resources that can help to promote environmental education and awareness. Join us for free workshops designed to teach families and children in ways they can make the world a little greener! Visit live animals, pick-up a free pine seedling, participate in environmental challenges, and take a hike to some of the unique areas of the Arboretum. Lively entertainment with music and crafts will make this a fun-filled day for all.

COOKING ALEXANDRA POER SHERIDAN OF ALEXANDRA’S TABLE Wednesday, March 12 3-5pm, Oak Room $50 members; $60 non-members Reservations required. Please call 626.821.4623. Alexandra Poer Sheridan, chef/owner of the cafe and boutique Alexandra’s Table located in the historic Mission District of San Gabriel, has earned a highly regarded reputation as an extraordinary caterer.

READING THE WESTERN LANDSCAPE BOOK CLUB MÁRANA MEANS HEAVEN BY TIM Z. HERNÁNDEZ Wednesday, March 8 7pm; Arboretum Library See page 16 for details.

SANTA ANITA DERBY DAY 5K Saturday, April 5; 8am For details, visit www.kinanevents.com/EVENTS/SA

AMERICAN CERAMIC SOCIETY CLAY FESTIVAL & GIFT SHOW Saturday, April 6; 9:30am-5pm Saturday, April 6; 9:30am-4pm Free with admission; members free Enjoy unique, handcrafted, whimsical and one-of-a-kind artwork from local clay artists.

THE GREAT TOMATO TALK & PLANT SALE Wednesday, April 9, 10am; Palm Room Steve Goto, Tomato Guru Free with admission; members free Steve’s talk on growing the perfect tomato will include his favorites for 2014! A plant sale follows.

AMERICAN BRAIN TUMOR ASSOCIATION 5K Saturday, April 12 7-9am, Arboretum grounds The 5K Run & Walk raises funds for brain tumor research and to support services for those living with a brain tumor diagnosis.

SPRING IRIS AND BULB SHOW & SALE Saturday & Sunday, April 12 & 13 9am-4:30pm; Ayres Hall Free with admission; members free The Southern California Iris Society and Southern California Hemerocallis & Amaryllis Society present this popular iris show.

DESCANSO CHRYSANTHEMUM SHOW AND PLANT SALE Saturday & Sunday, April 19 & 20 9am-4:30pm; Ayres Hall Free with admission; members free More than 150 varieties of rooted chrysanthemum cuttings will be available both days.

ROSE SHOW & SALE Saturday, April 26; 1-5pm Sunday, April 27; 9am-4pm Ayres Hall Free with admission; members free The Pacific Rose Society will present grandifloras, hybrid teas, floribundas, miniatures, and new and old varieties.

UP IN THE GARDEN Tuesday Evenings: 5:30-6:45pm; March 4, 11, 18, 25 Thursday Morning: 9:30-10:45am; March 6, 13, 20, 27 Saturday, March 29; 9:15am-10:30am See page 16 for fees and details.

FOUR SEASONS OF YOGA VERNAL (SPRING) EQUINOX WORKSHOP Saturday, March 22 9:00-10:30am Candice Columbus, instructor $17 members; $20 non-members

PASADENA HUMANE SOCIETY: DOG OBEDIENCE CLASSES AT THE ARBORETUM March 24-April 21 See page 17 for details
**EVENTS**

**SPRINGTOPIA!**
Saturday & Sunday, May 3 & 4
10am-3:30pm
See page 4 for details.

**GERANIUM SOCIETY SHOW & SALE**
Saturday & Sunday, May 10 & 11
9am-4pm; Ayres Hall
Free with admission; members free
The International Geranium Society, Los Angeles branch, presents this wonderful annual display of geraniums.

**ANNUAL EPHYPHYLLUM SHOW & SALE**
Saturday, May 17
9am-4pm; Ayres Hall
Free with admission; members free
Treat yourself to an enjoyable time viewing these unusual and gorgeous flowers and learning all about them.

**SANTA ANITA BONSAI SHOW**
Saturday-Monday, May 24-26
9am-5pm; Ayres Hall
Free with admission; members free
The Santa Anita Bonsai Society will present trees trained to look like miniature forest giants. Trees up to four feet tall such as maples, junipers and pines will be displayed.

**QUEEN ANNE COTTAGE OPEN HOUSE**
Sunday, May 25
Time TBA
Regular admission applies; members free
The historic cottage is open to the public only twice a year. Take a spring tour through the dwelling and learn about what life was like at the Baldwin ranch during the 1880s.

**KIDS & FAMILY**

**BOOK Worms: A STORYTELLING PROGRAM—BUZZING THROUGH THE TREES**
Wednesday, May 7
10:30am-11:30am; Plant Information Office
Instructor: Candyce Columbus
$17 members; $20 non-members
This workshop, the first of three, is specially designed for homeowners. Matt Ritter, professor of biology at Cal Poly San Luis Obispo, will teach you everything you need to know about how to pick, plant, grow, and understand trees.

**READING THE WESTERN LANDSCAPE BOOK CLUB**
Saturday, May 7
10:30am-11:30am; Plant Information Office
Instructor: Frank McDonough
This class will present trees trained to look like miniature forest giants. Trees up to four feet tall such as maples, junipers and pines will be displayed.

**LANDSCAPE BOOK CLUB**
Wednesday, June 4
1:30pm-3pm; Plant Information Office
Instructor: Frank McDonough
$30 members; $35 non-members
Two special classes are being planned for event and class details.

**THE BOTANY OF TREES**
Saturday, June 21
9:30am-12:30pm
Instructor: Matt Ritter, Ph.D.
$25 members; $30 non-members
This workshop, the first of three, is specially designed for homeowners. Matt Ritter, professor of biology at Cal Poly San Luis Obispo, will teach you everything you need to know about how to pick, plant, grow, and understand trees.

**IKENBANA: BASIC & ADVANCED**
Mondays, June 23-August 1 (no class July 4)
9:30-11:30am, Oak Room
See page 16 for details.

**ART WORKSHOP**
Wednesday, June 1
9:30am-12:30pm
Instructor: Frank McDonough
$25 members; $30 non-members
This workshop, the first of three, is specially designed for homeowners. Matt Ritter, professor of biology at Cal Poly San Luis Obispo, will teach you everything you need to know about how to pick, plant, grow, and understand trees.

**YOGA IN THE GARDEN**
Saturday, May 10
8:00-10:00pm
See page 16 for details.

**Landscape Night: Yoga in the Garden**
Saturday, May 10
8:00-10:00pm
See page 16 for details.

**Yoga in the Garden**
Tuesday Evening: 6:00-7:15pm
May 6, 13, 20, 27
Thursday Mornings: 9:30-10:45am
May 1, 8, 15, 22
See page 16 for details.

**GARDEN NIGHT: PHOTOGRAPHY CLASS**
Saturday, May 10
8:00-10:00pm
See page 16 for details.

**FITNESS**

**BUTTERFLY BRIGADE**
Saturday, May 17
10am-noon;
Meet in the Main Entrance. $5 per child for members; $10 per child for non-members
Springtime is here and the butterflies are near! Become a junior entomologist and take home your own caterpillar to experience the metamorphosis before your very own eyes.

**DOCENT-LED WALKING TOURS**
See page 16 for details.

**COLLECTIONS**

**PLANT INFORMATION SUMMER COLOR: WHAT TO PLANT NOW FOR 4TH OF JULY FIREWORKS**
Wednesday, May 7
1:30-3:30pm;
Plant Information Office
Instructor: Frank McDonough
See page 16 for details.

**EVERGREENS: THE SEASON HAS ARRIVED**
Monday, May 13
9am-12pm; Plant Information Office
See page 16 for details.

**GARDENING**

**ORGANIC FRUIT & VEGETABLE GARDENING**
Saturday, June 6
12-4pm; Palm Room
See page 16 for details.

**THE SANTA ANITA DEPOT TOURS**
See page 16 for details.

**SPRINGTOPIA!**
Saturday & Sunday, May 3 & 4
10am-3:30pm
See page 4 for details.
The Great Tomato Talk & Plant Sale at the Garden & Gift Shop

Tomato guru Steve Goto gives his “Top Picks for 2014.”

Wednesday, April 9, at 10am

Back by popular demand for a 13th year! Join us for Steve’s famous words of wisdom on how to grow perfect tomatoes! After the class, attend a tomato plant sale in the Gift Shop patio where you’ll find a large selection of organic, heirloom tomato plants and more. Free with admission; members free.

GET INVOLVED
Volunteers provide hospitality, information and support staff to all areas of the garden. For more information about becoming a volunteer, contact Nancy Carlton at 626.802.8471 or 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. We are also accessible by Metro (www.metro.net). Bicycle racks are available in the parking lot. Parking is free. Handicapped parking is available.

PEACOCK CAFE
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)