



*Exploring the*

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# ARBORETUM

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



WINTER/SPRING 2013

## BALDWIN LAKE

*Getting down to the source*

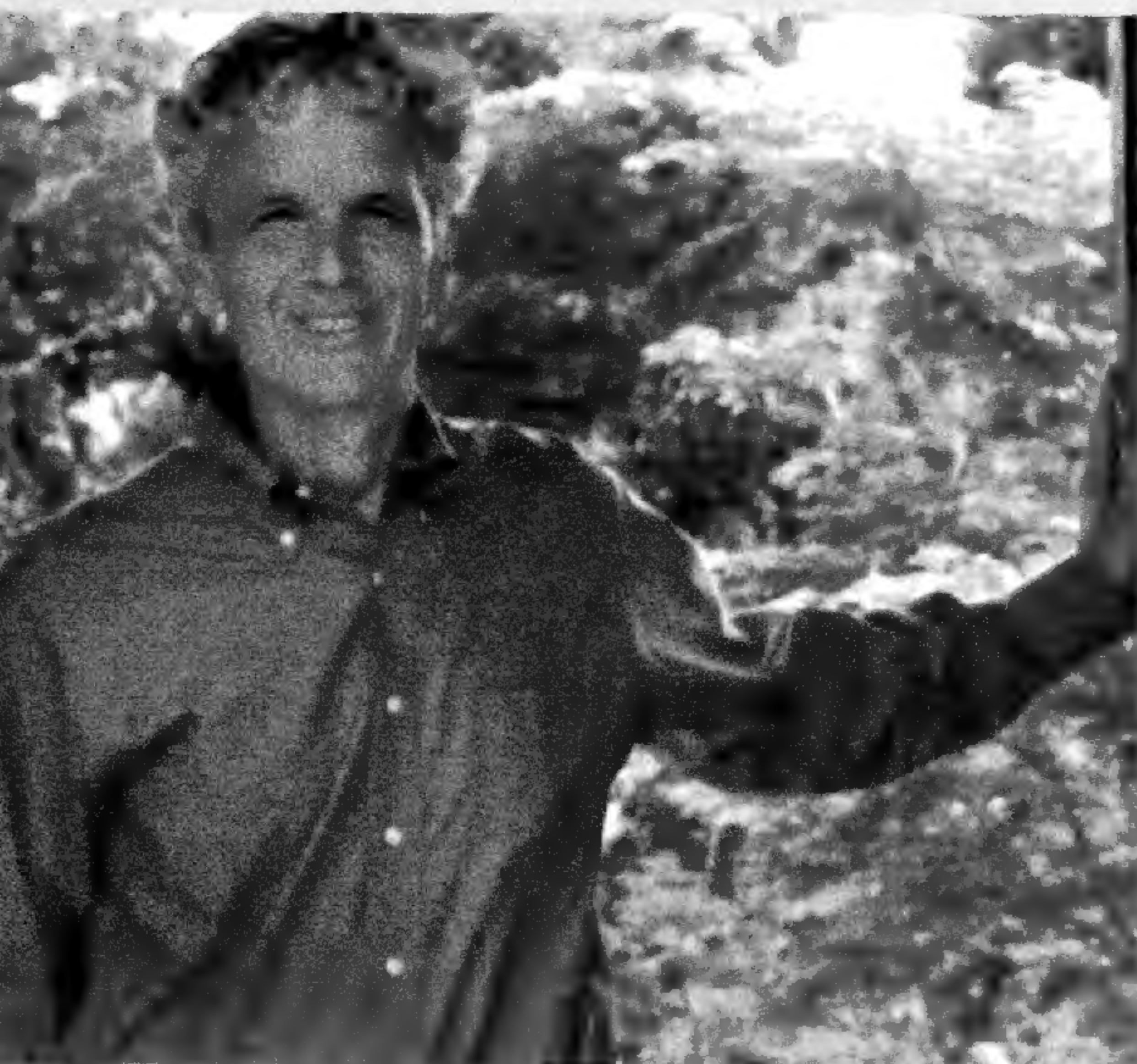
## LACMA PALMS

*Find a new home*

## WILD WEST DAYS

*Back to the late 1800s*





## HEART OF THE ARBORETUM

On any morning I invite you to Baldwin Lake. Herons, egrets and cormorants perch on partially submerged logs, while turtles swim in a reflected Queen Anne Cottage. Together with cypress and palms planted over a century ago, and a still active artesian spring, you have come to the heart of the Arboretum.

That we have chosen restoration of Baldwin Lake as a priority would come as no surprise to Elias Jackson Baldwin, or to those who came before. From Tongva villagers to early 20th Century boosters, the waters have been sustenance and inspiration. But sadly, contemporary conditions have dimmed the lake's beauty and function. Obsolete drainage systems allow polluting run-off from the urban watershed to the north. For over a century the lake has accumulated sediments, resulting in decreased water depth and elevated water temperatures that reduce aquatic species diversity.

Guided by our Strategic Plan, we began work this past summer with hydrologists, engineers and landscape architects to restore Baldwin Lake to

its former beauty and health. Through studies of existing conditions, we established these vital goals:

First and foremost, we must improve water quality and the aquatic ecosystem, not only enhancing the lake as a scenic resource, but providing improved habitat conditions for plants and animals.

Second, we envision Baldwin Lake as a model for community-based stewardship and water conservation, particularly in its role as part of the Raymond Basin, the vast aquifer of the northwestern San Gabriel Valley. Public programs that explore the history of the lake, as well as local hydrology, would provide a much needed educational focus on water.

Finally, we can both mitigate lakeside erosion and celebrate the legacy of E.J. Baldwin by building new shorelines evocative of the original design detail, and aesthetically and ecologically appropriate to the Arboretum.

Is restoring Baldwin Lake a highly ambitious undertaking that can succeed only with considerable commitment from the community and public agencies? Yes, but if not undertaken now, the challenge will only grow. It will be a journey of several years, yet we reach for a healthy lake, stunning in its beauty, that can inspire increased stewardship and appreciation of our region's most precious resource.

—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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# Exploring the ARBORETUM

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



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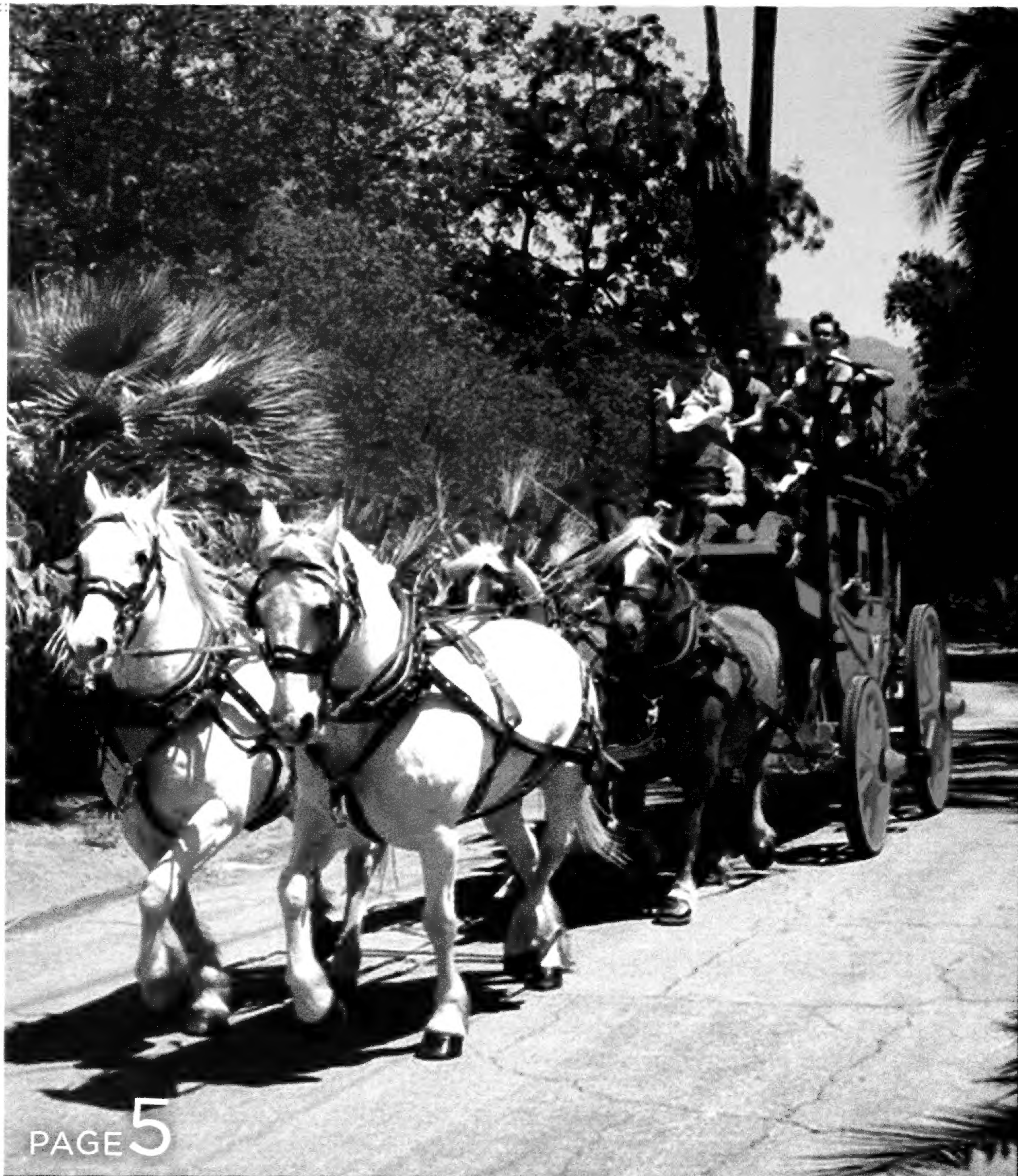
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This is a publication of the Los Angeles Arboretum Foundation. The Los Angeles County Arboretum and Botanic Garden is governed through a private/public collaboration between the Foundation and the County of Los Angeles through its Parks and Recreation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

*On the cover: Queen Anne Cottage and Baldwin Lake*





## MICHAEL FEINSTEIN DEBUTS AS PRINCIPAL CONDUCTOR OF THE PASADENA POPS!

The multi-platinum-selling, two-time Emmy and five-time Grammy-nominated Michael Feinstein who has been called "The Ambassador of The Great American Songbook," leads the Pasadena POPS in its second summer concert series at the Arboretum. He was named the principal conductor of the POPS following the sudden death of Marvin Hamlisch last August.

In addition to his recording and concert career, Feinstein is an accomplished archivist, and television and radio host with his own nationally-broadcast series on PBS and NPR. He has received national recognition for his commitment to celebrating America's popular songs and preserving their legacy for the next generation. He performed last summer with Hamlisch and the Pasadena POPS at the Arboretum to a record breaking crowd.

The POPS has added a fifth concert to its 2013 summer series. Two performances are scheduled for June: Michael Feinstein's Songbook on June 1 and on June 29 Bernadette Peters in Concert. To purchase concert tickets, visit [www.pasadenasympphony-pops.org](http://www.pasadenasympphony-pops.org), or call 626-793-7172. Arboretum members receive a 10% discount off of regular ticket prices.

### PASADENA POPS 2013 SUMMER SEASON

*All events offer entry for picnicking at 5:30pm and the concerts begin at 7:30pm. For a complete listing of the summer concert series and to purchase tickets, visit [www.pasadenasympphony-pops.org](http://www.pasadenasympphony-pops.org).*

**MICHAEL FEINSTEIN'S SONGBOOK**

Saturday, June 1

**BERNADETTE PETERS IN CONCERT**

*with conductor Larry Blank*  
Saturday, June 29



## ARBORETUM RECEIVES COUNTY GRANT

The Arboretum may soon be showing off some new trees thanks to a grant from the Fifth Supervisorial District Tree Planting Grant Program.

The grant for replacing trees damaged by the 2011 windstorm was awarded to the County of Los Angeles Department of Parks and Recreation in the amount of \$378,000. The department has given \$77,000 to the Arboretum tree replacement project. Other grant recipients included Arcadia Park, Bonelli Park, and tree replacement projects at the Marshall Canyon, Altadena, Eaton Canyon and Santa Anita golf courses.

"We are so grateful to Los Angeles County Supervisor Michael D. Antonovich for awarding this grant which will allow us to replace trees and remove stumps from trees lost during the windstorms last winter," said department

director Russ Guiney. "The devastation was severe to these popular recreational destinations with more than 1,300 trees lost. The damage to the Arboretum resulted in the garden remaining closed for several weeks."

Several communities along the foothills in San Gabriel Valley were hard hit during windstorms that battered the area beginning the night of November 30, 2011. The Arboretum lost 235 trees and nearly 1,000 others were damaged. Many residents lost electricity as strong winds brought down power lines.

The parks department was one of 18 grant agencies to receive money from the Fifth Supervisorial District Tree Planting Grant Program, which is funded by the Safe Neighborhood Parks Propositions of 1992 and 1996.



## HOWDY TO WILD WEST DAYS

Calling all cowboys and cowgirls, young and old. Put on your boots and hats and come on over to the old Baldwin Ranch for Wild West Days, May 4-5. Enjoy live music with Show Ponies, and Triple Chicken Foot with caller Susan Michaels, who will lead an old-fashioned American barn dance. Climb aboard a stagecoach for a ride around the Historic Circle. Venture inside the Queen Anne Cottage for a rare tour. At the Coach Barn, you'll find beautiful palomino horses.

Kids can try some roping, their very own root beer saloon and other hands-on activities. Families can have their photographs taken in western attire. Enjoy the Tradición Dance Company performing dances from different regions of Mexico. Chow down on some great food, including barbecue and beer. More details about the two-day event will be posted on our website [www.arboretum.org](http://www.arboretum.org) in March.

See you there!

### WILD WEST DAYS

Saturday and Sunday, May 4 - 5; 10am-4pm

Free with admission; members free; Additional fees for stagecoach rides, Queen Anne tours, photography, food and beverages.

Clockwise from top right: A cowgirl with her horse; Tradición Dance Company; Triple Chicken Foot; Show Ponies.



## CHAMBER MUSIC IN THE COACH BARN?

The definition of "Chamber Music in Historic Sites... has always been broad as a barn," according to *L.A. Weekly*. And in this case, it really is, as the Arboretum welcomes the Modern Mandolin Quartet to the Coach Barn on Sunday, April 7.

The group will perform as part of the concert series, Chamber Music in Historic Sites, presented by The Da Camera Society of Mount St. Mary's College. Once described as the most imaginative permanent floating concert series in Southern California, the concerts have been delighting audiences for 40 years with an uncanny knack for matching site and sound, artists and architecture, program and place. The historic Coach Barn at the Arboretum is a natural match for the Modern Mandolin Quartet to perform the "Bach to Bluegrass" program.

The quartet was founded in what the members call "a moment of insanity" in the 1980s with two mandolins, a mandola and a mandocello, following the mandolin ensemble tradition of the early 1900s. The resulting enchanting sonority of plucked strings is irresistible. Their music has



captured international acclaim for its vivacious approach and for a "freshness and vitality of a kind that is rare in material of this type," according to *Fanfare* magazine.

Enjoy a stroll through the exquisite spring gardens of the Arboretum before experiencing America's premiere mandolin quartet playing at the top of its game.

### MODERN MANDOLIN QUARTET

Sunday, April 7; 2pm and 4pm

For tickets and information call 213-477-2929 or [www.dacamera.org](http://www.dacamera.org).





## ART FROM FALLEN TREES

*Wood inspires a truly unique Forces of Nature Artists' Exhibition.*

On November 30, one year after a catastrophic windstorm struck the San Gabriel Valley, more than 450 people gathered in celebration of great art and the next generation of Arboretum trees. The tree tribute actually began the prior February, when wood from storm-ravaged Arboretum trees was distributed to 130 artists from throughout greater Los Angeles. The wood, gathered by Superintendent Timothy Phillips and Curator James E. Henrich, offered a truly remarkable selection of exotic species. Our participating artists, delighted with their new-found treasures, pledged to return with works that both honored the 237 lost trees and made manifest the wondrous beauty of wood.

The resulting three-day Forces of Nature exhibition, curated by Leigh Adams, brought together a range of artistic vision as diverse as the trees from which the wood came. From highly expressive sculpture to exquisitely crafted bowls and jewelry, the works dazzled attendees and set an inspiring creative standard for future exhibitions. More importantly, purchases of art made by our members and friends will support the Arboretum's long-standing commitment to securing great trees from around the world, a mission that will now continue to provide singular experiences of education, appreciation and enjoyment for the greater Southern California community. ●

The Arboretum expresses its tremendous thanks to the artists who have so generously and creatively contributed to the Forces of Nature Artists' Exhibition.

David Abernethy	Yolanda Gonzales	Jeannie Park
Shawna Adam	Giovanni Guidetti	Saehee Park
Gonzalo Algarate	Heather Grates	Skip Ralls
Dori Atlantis	Bill Haskell	Andrew Riiska
Annabelle Aylmer	Zach Hoevet	Kay K. Robinson
Karen Bagnard	Chris Holme	Ramon Rodriguez
John Beaver	Heather Holme	Frederic Rose
Ravit Bennier	Alan Hoyt	Russell Ruff
Richard Benson	Linda Hsiao	Sasha Salehi
Angela Briggs	Brenda Hurst	Denise Seider
Robin Brown	Sandy Huse	Steve Seleska
Jim Butler	Beatrice Jones	Peter Shire
Alex Cabunoc	Geoffery Ka'alani	Sinton Stranger
Carey Caires	Andrew Kasiske	William Stranger
Brian Carlson	Toshiyuki Kawabata	Clarence Stubblefield
Frank Carsey	Andrew Kim	Renu Sundaram
Pete Carta	Joyce Kim	Kathleen Sutherland
Brent Cashion	Henry D. Koch	Derrick Tan
Jimmy Centeno	Steven Lisberger	Kagan Taylor
Robin Cohen	Luz Mack-Durini	Teresa Tolliver
Marci Crestani	Diana Markessinis	Tom Tsai
Larry Cunningham	Alice Martinson	Jo Wang
Simon Davey	Rob McMillon	Sherri Warner Hunter
Raoul De la Sota	Dawn Mendelson	Pat Warner
Ivan Deavy	John Meyer	Daniel Wendland
Charles Dickson	Andre Miripolsky	Karen Frimkess Wolff
Matt Doolin	Jose Morales	Stephen Woodruff
Rasta Escott El	Belinda Morgan	Michael Yanagita
Eliana Feigelstock	Ann Motrunich	Kathy Yoshihara
Joe Feinblatt	Ngene Mwaura	Karien Zachery
Patricia Ferber	Ferril Nawir	Eric Zammitt
Mark Fitzsimmons	Hong Noe	
Margaret Garcia	Julio Panisello	

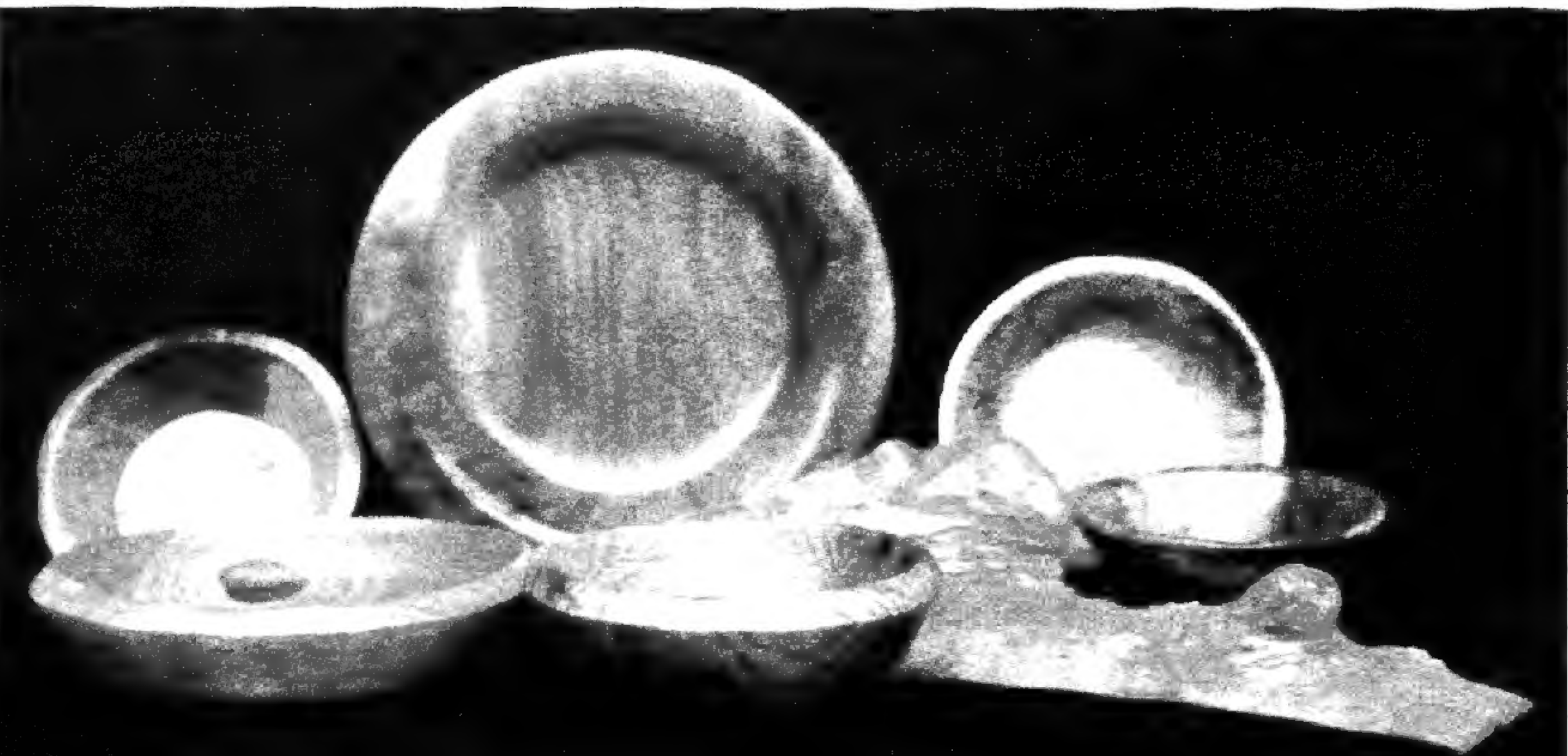
### THANK YOU

Leigh Adams, curator of Forces of Nature, set out to inspire people not only with the fundamental beauty of wood, but with an appreciation for the natural cycles and events, windstorms included, that can teach such valuable lessons concerning life on this earth. After conceiving the idea for the exhibition, Leigh contacted more than 100 artists and assisted them in selecting wood that could become truly their own. As curator, she listened, coaxed and encouraged the artists through spring, summer and fall. Together with Juliet Rosati Bello of Cream Gallery who curated Earth Dreams at the Arboretum last May, Leigh designed and mounted the stunning exhibition with the assistance of Arboretum staff and volunteers. We express our tremendous thanks to Leigh and Juliet for making Forces of Nature a wonderful and inspiring success we will long remember.

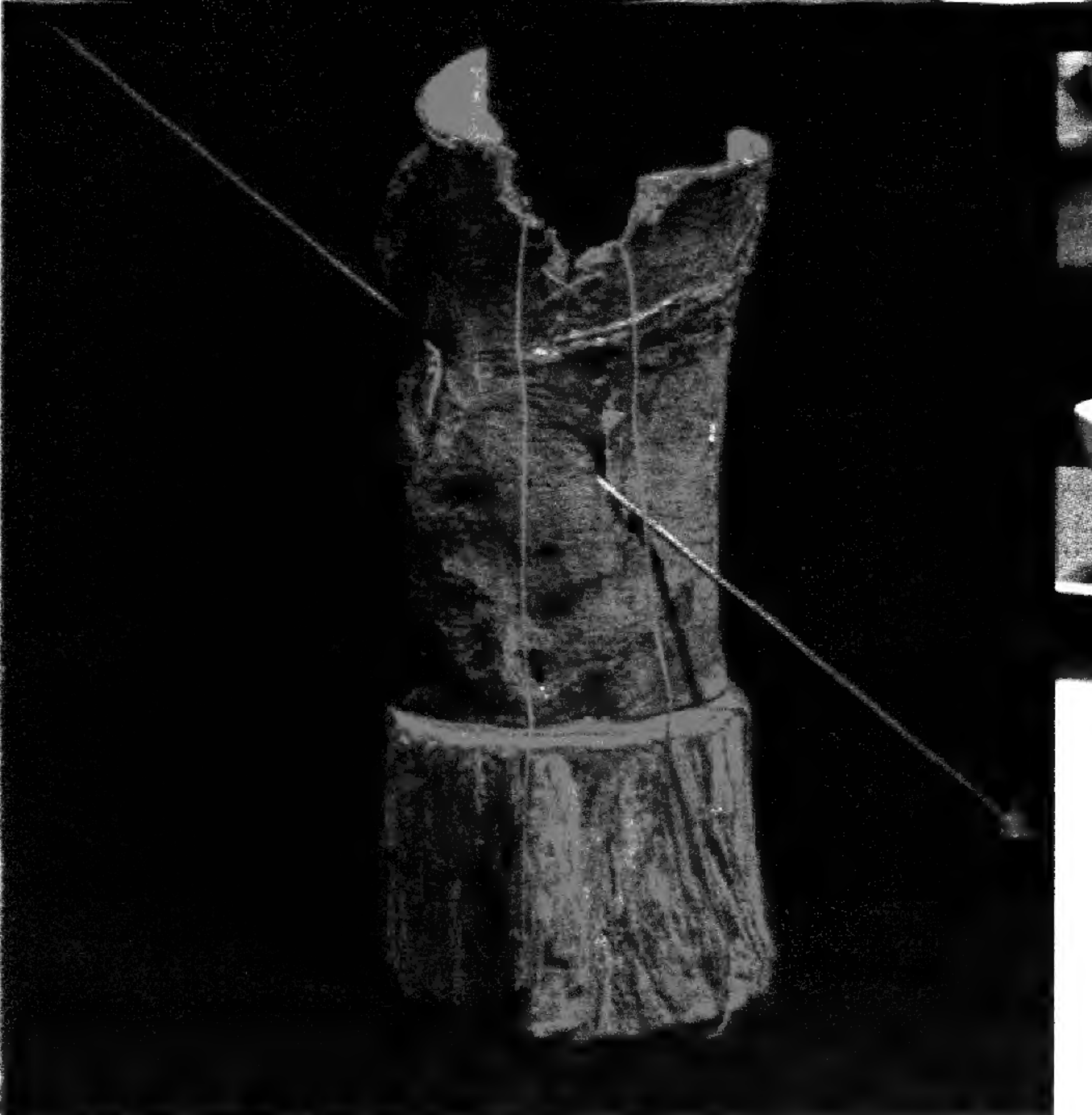
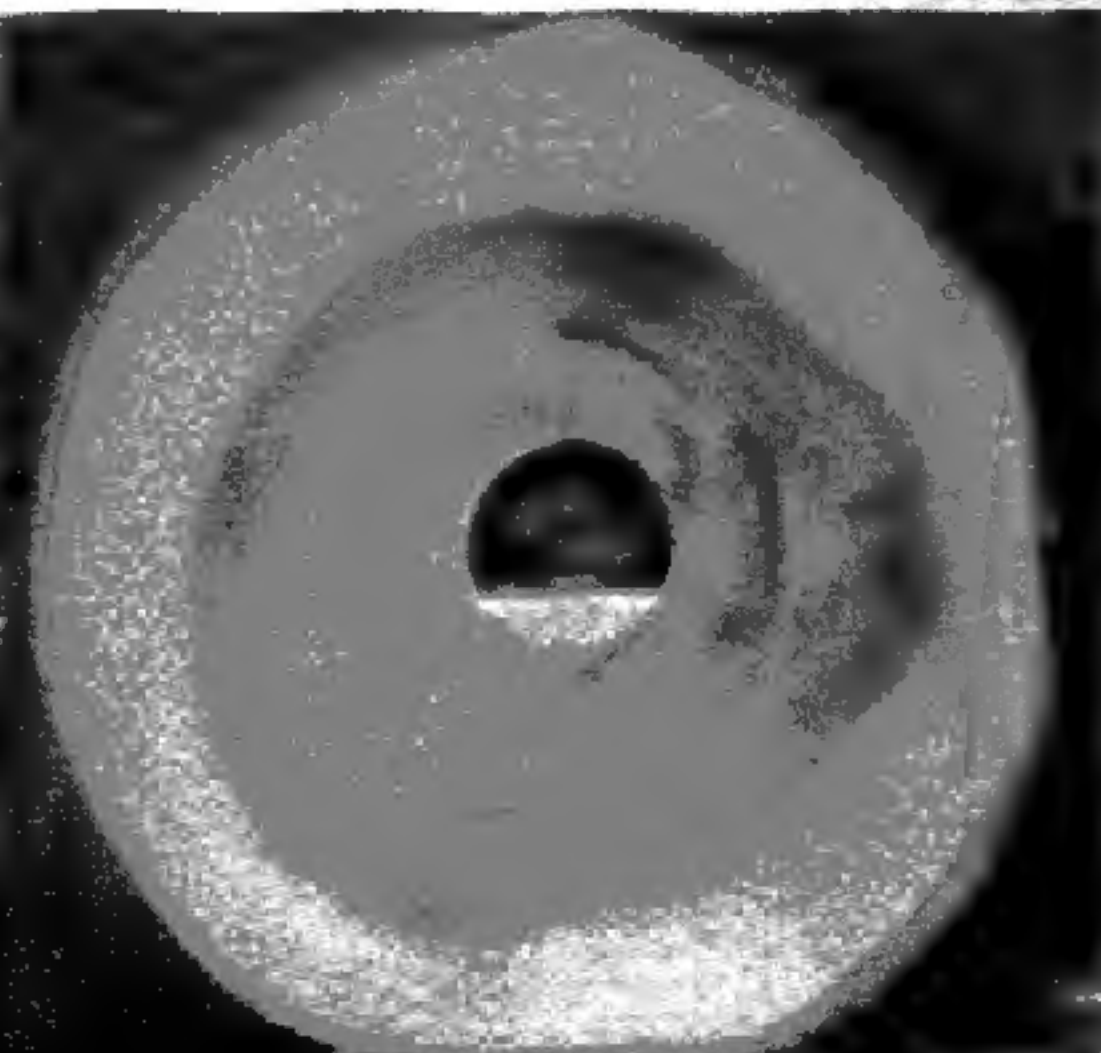
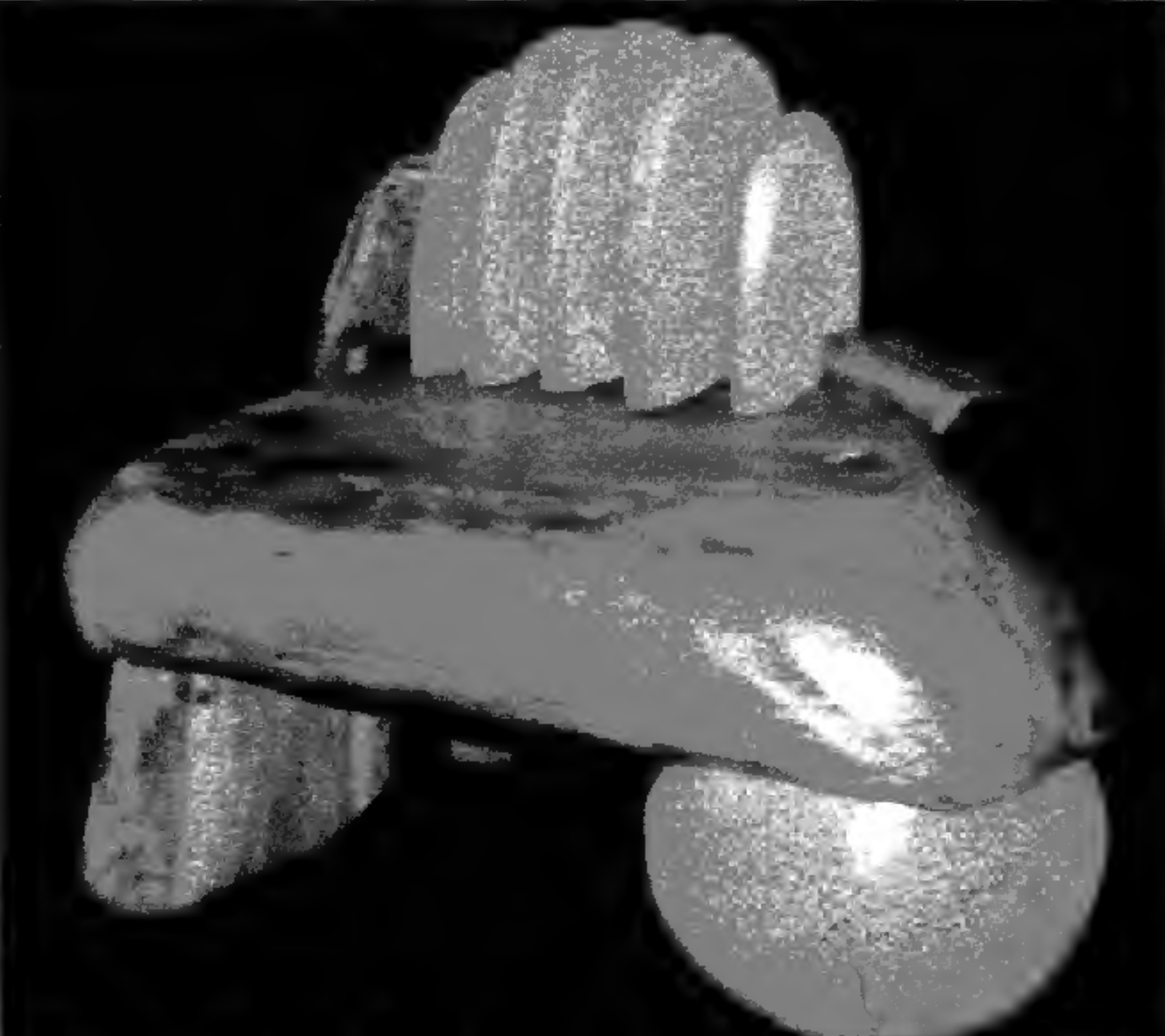
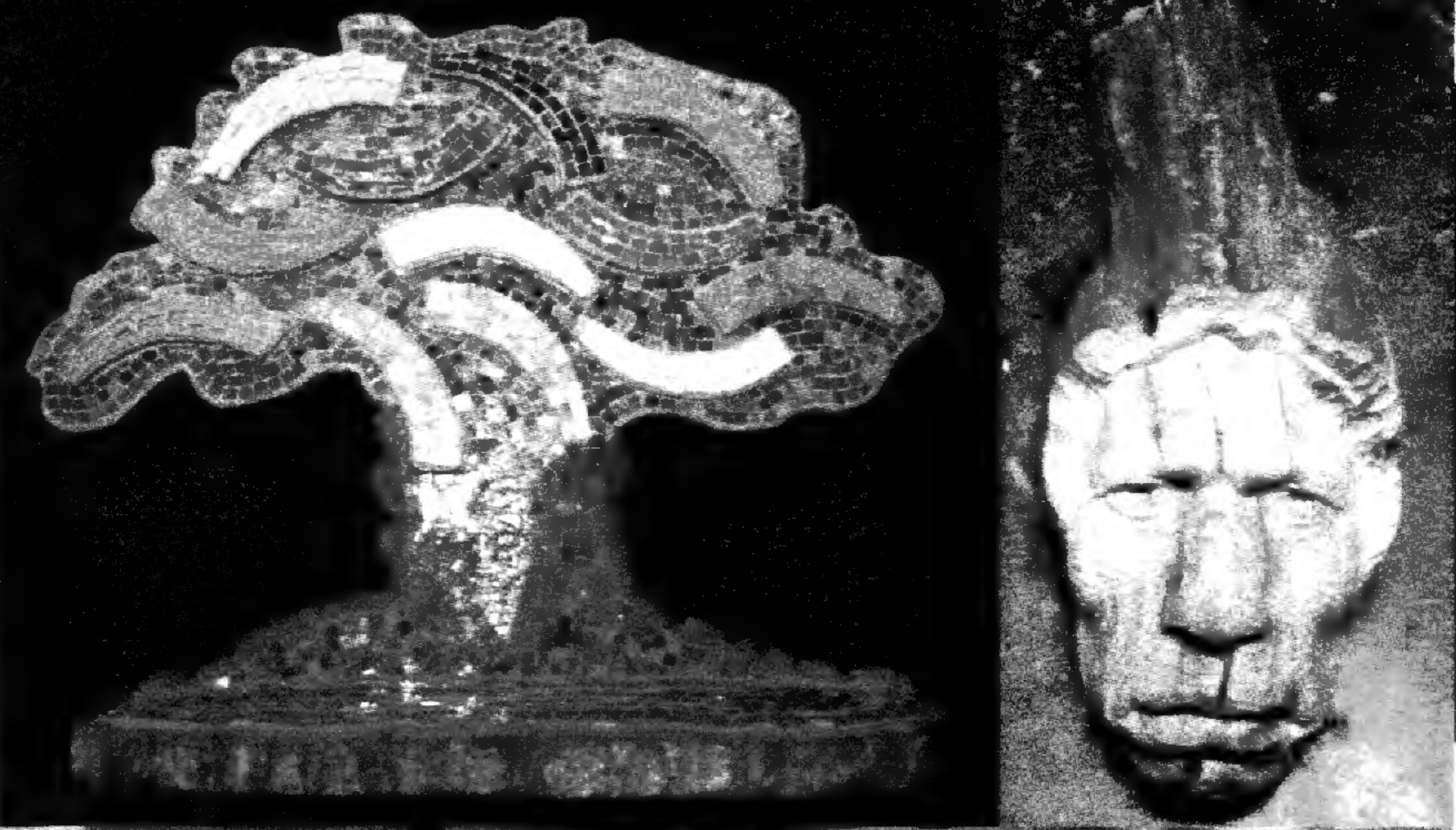


*Leigh Adams (left) and Juliet Rosati Bello (right).*

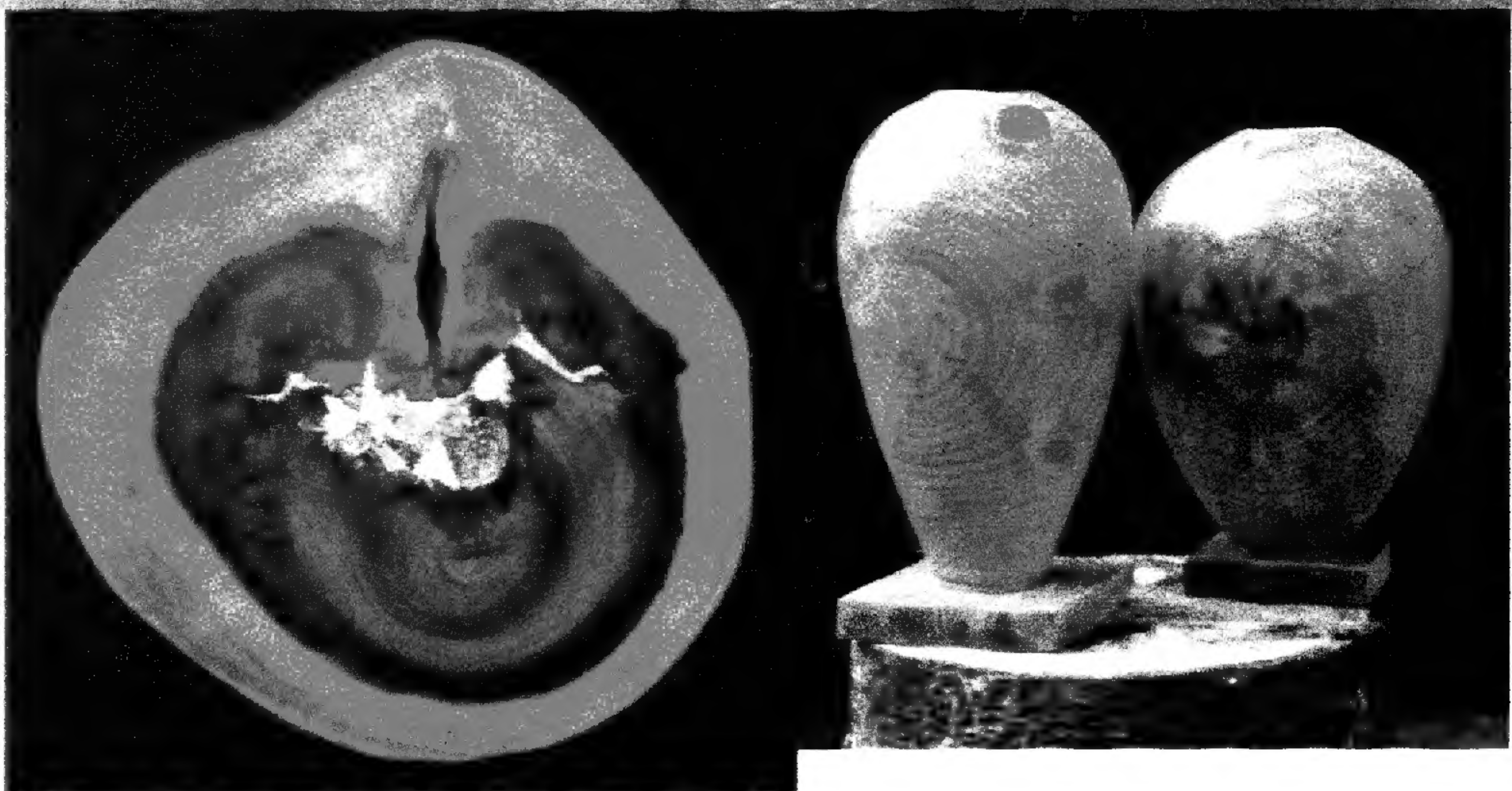




Top row: Walter Scott El (big sculpture), Alice Martinson (group of round bowls), an Altona, Joe Moya (mosaic tree), Ramon Rodriguez (mask), Patricia Ferber, Russell Ruff (yellow hen)



Top row: John Benarbone (tree on stick), Charles Dickson (nature table), Henry H. Kahl (table), Floyd Gonzalez (figure), sculpture in wood, Fourth row: Margaret Gaudin (tree on stick), Fred E. Loomis (Hawaii), John (with artist's name), Patti (with artist's name), great Acacia, L'Amour (sculpture)





# THE LAND THAT SHAPES US

There is a landscape between Alpine, Texas and Big Bend National Park that lives in my mind. It consists of rolling grasslands and I see it as a greenish, tawny brown, so it must be in October or March, not the searing summer of July or August with the roiling thunderstorms. I lived in the area for only two years until I was 5, but that landscape shaped me then—and still now whenever my mind needs a big expansive view.

Then there are the San Gabriel Mountains. They are a magnificent backdrop to the Arboretum—a sheer face brown, craggy, rocky and, astonishingly, green sometimes. As I gaze at the plants in the Arboretum the mountains soak into my mind.

As Richard Schulhof, the garden's CEO, says, what other Arboretum in America has such a great, borrowed landscape.

We can see landscapes, paint landscapes, photograph landscapes and then we can read about landscapes. My passion is to share books that will help us understand our land and our place in it. That's the essence of me as a book pusher and the guiding principle in the books I select for the monthly Reading the Western Landscape Book Club, which celebrates its third anniversary in February.

When I was young, I soaked in information about plants but the learning didn't create real meaning for me until as a docent I created themes and told stories about the plants—their evolution, place and importance to the land. My friend, a geologist at the Grand Canyon, and I chide each other about what makes the land. She says it's the rocks; I say the plants. We are both right and it's literature that helps us really know both. So I'm constantly on the lookout for the next good read that creates vivid images of a place or landscape that shape characters and plots.

Of the books we've read in the three years, there are a few I would recommend again and again. If you haven't read James Galvin's, *The Meadow* (H. Holt, 1992) you are missing

a poet's understanding of the history of a dryland meadow on the edges of Colorado and Wyoming. His language leaves you breathless. If you haven't read Keith Basso's *Wisdom Sits in Places* (University of New Mexico Press, 1996) you don't know, yet, the powerful and deep ties we can have to a specific place.

Almost anything written by Susan Straight (we read *Blacker than a Thousand Midnights* (Hyperion, 1994) helps put you right in the Los Angeles milieu, more powerfully than such writers as Joan Didion who capture easily the intellect of a place and its people, but not its nature.

When your reading engages your synapses as if you were moving through an environment it seems like the best possible read. ●

—Susan C. Eubank is the Arboretum Librarian.

## NEXT READS

Here are the next six books that will get our synapses moving. To join the book club, contact Susan C. Eubank at [susan.eubank@arboretum.org](mailto:susan.eubank@arboretum.org).

*Los Angeles Stories*  
by Ry Cooder  
Wednesday, January 9; 7pm

*Battleborn*  
by Claire Vaye Watkins  
Saturday, April 13, 2pm

*Infinite City:  
A San Francisco Atlas*  
by Rebecca Solnit  
Saturday, February 2; 2pm

*Conifer Country: A natural  
history and hiking guide to  
the 35 conifers of the Klamath  
Mountain Region*

*Lulu in Hollywood:  
Expanded Edition*  
by Louise Brooks  
Wednesday, March 6; 7pm

by Michael Edward  
Kauffman  
Wednesday, May 1; 7pm

*The Angry Buddhist*  
by Seth Greenland  
Saturday, June 8; 2pm



Susan C. Eubank is the new president of the Council on Botanical and Horticultural Libraries, which is the leading professional organization in the field of botanical and horticultural services. The council is an international organization of individuals, organizations and institutions concerned with the development, maintenance and use of libraries of botanical and horticultural literature.





# THE SAVVY GARDENER

*Cultivate your botanical interest with these new classes*

## WHAT TREE IS THAT?

Saturdays, February 2, March 2,  
April 13 and May 11; 10am-Noon;  
Bamboo Room

\$25 per class for members; \$30 per class  
for non-members

The Southern California region has one of the most diverse urban forests in the United States. Learn all about trees with Dr. Jerrold Turney, plant pathologist and certified arborist, who will teach the monthly class at the Arboretum. Participants will learn about different trees, their growth habits, native habitats, care, common diseases and insects, and where trees should be planted in your garden. In each of the four classes, Dr. Turney will discuss 15 trees in a one-hour lecture, followed by a walk in the Arboretum to visit trees discussed during the lecture.

## PLANT PROPAGATION WORKSHOP

Saturday, March 23; 10am-12pm;  
Palm Room

\$25 members; \$30 non-members

Growing your own plants can be a rewarding hobby. In this hands-on workshop, Laramee Haynes will show you how to grow plants from cuttings, seeds, and divisions. Many plants are surprisingly easy to grow. With gardening, learn the proper techniques and Mother Nature will help you succeed. The results can be added to your garden or shared with family and friends. Laramee is an innovative landscape designer, who was selected by the Pasadena Showcase House in 2012 to manage its glass greenhouse, provide information to visitors and conduct propagation classes.

## INTRODUCTION TO PLANT IDENTIFICATION

Fridays, April 5-May 10; 2-4pm;  
Bamboo Room

\$60 members; \$65 non-members

How many times have you wanted information about a plant you've seen? Learn how to solve such plant mysteries with Arboretum Botanical Information Consultant Frank McDonough. In his class you will learn about more than a dozen major plant families represented by specimens at the Arboretum. He will cover plant classification, how to identify plants, what are the most important structures for identifying an unknown plant, and strategies for using the Internet to help identify plants. Each student is required to have a 10X or 20X jeweler's loop (preferably with light) and a copy of *How to Identify Plants* by H.D. Harrington.

## A NEW BEETLE THREAT TO TREES

Standing under a Brazilian pepper tree located in the water conservation garden I could see and feel a fine dust falling on me. It was frass, a sawdust-like powder that came from small holes peppering the bark. A fungus appeared to be attacking the tree. The reason for all of this? A beetle, newly discovered in Southern California, that is considered a substantial threat to both our urban and wild forests.

Called the Polyphagous Shot Hole Borer (*Euwallacea* sp.), the first word in the insect's name means "many plants," an apt description for this species of ambrosia beetle which attacks a wide range of trees, including several important native plants. Smaller than a grain of rice, this borer infects trees with the fungus (*Fusarium* sp.) as it drills into the wood. The insect cannot digest wood so it feeds on the fungus instead: a symbiotic relationship between the beetle and fungus. The beetle even has a special organ called a mycangia which harbors the spores of the plant-tissue rotting fungi in its head. The term "ambrosia" is used to describe the fungus's ability to concentrate its nutrients (and its spores) at the surfaces of beetle tree galleries where they provide a ready source of nutrition for the insects and their offspring.

The Polyphagous Shot Hole Borer (PSHB) was first observed in 2003 at Whittier Narrows in a trap designed to monitor wood boring pests. It was first mistakenly identified as the Tea Shot Hole Borer (*Euwallacea fornicatus*) a pest

of tea (*Camellia sinensis*). Since then, PSHB infestation has grown, now encompassing parts of both Los Angeles and Orange counties. The fungus is destructive to about half of the avocado varieties grown locally and to a growing list of ornamental and some native trees including, unfortunately, the coast live oak. Last August, a conference at the Arboretum drew beetle experts locally, nationally and from around the world. The conclusions of that conference:

- The beetle and its fungus appeared to be a substantial threat to the urban forest, avocado industry, and natural forests.
- Very few tools for the management of these beetles are yet available.
- We are in the early stages of studying the PSHB in California as of late August; work started in Israel two to three years ago.
- It is extremely important that felled trees and their trimmings remain at the same location where they have grown. Transporting firewood spreads the pests.

For a more detailed report and resources about the newly observed borer, visit [www.arboretum.org](http://www.arboretum.org).

—Frank McDonough is the Botanical Information Consultant at the Arboretum.



## PALMS FROM LACMA

Last September, the Arboretum was the very fortunate recipient of a major donation of 27 trees from the Los Angeles County Museum of Art. The plants were surplus from the palette used by Robert Irwin to create the phenomenally architectural and sculptural palm garden adjacent to the Lynda and Stewart Resnick Exhibition Pavilion.

This acquisition is extremely significant for a number of reasons: the approximate \$30,000 value of the donation; several of the species are new to the living collection (always a criterion for plant acquisition); the plants are large, nearly all in 36" boxes or pots; the palms enhance our already significant palm collection; and they contribute to the Arboretum Tree Fund's goal of plant acquisition.

The collection is enumerated in the following table. All are palms except as noted. 🌴

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



The Robert Irwin-designed palm garden at LACMA (above) had surplus trees that were trucked crosstown to the Arboretum.

QTY	NAME	PROVENANCE	PLANTING LOCATION
3	<i>Archontophoenix cunninghamiana</i> (king palm)	Australia (Queensland, New South Wales)	Tallac Knoll near aquatic garden
2	<i>Beaucarnea recurvata</i> (elephant-foot tree or ponytail palm) ***	southeastern Mexico	lawn at the southwest corner of the Prehistoric Forest
3	<i>Bismarckia nobilis</i> (Bismarckia palm)**	Madagascar	lawn west of the Madagascar Spiny Forest
1	<i>Brahea armata</i> (Mexican blue fan palm)	northwest Mexico, Baja California	Tallac Knoll near the Mexico Section
2	<i>Brahea edulis</i> (Guadalupe palm)	Mexico (Guadalupe Islands)	along the path to the Santa Anita Depot
2*	<i>Chamaerops humilis</i> 'Algerian Blue' (European fan palm)	Mediterranean Region	Mediterranean Section at the southwest corner of the Bauer lawn
2*	<i>Ficus pseudopalma</i> (Philippine fig)***	Philippines	bowl on Tallac Knoll
2	<i>Howea forsteriana</i> (kentia palm)	Australia (Lord Howe Island)	Prehistoric Forest
2*	<i>Hyophorbe indica</i> (champagne palm)**	Réunion Island	Africa Section
2*	<i>Licuala ramsayi</i> (Australian fan palm)	Australia (Queensland)	planted in the bowl on Tallac Knoll
2	<i>Pritchardia hillebrandii</i> (Molokai fan palm)	Hawaiian Islands	bowl on Tallac Knoll
2*	<i>Rhopalostylis baueri</i> (Norfolk Island palm)	Australia (Norfolk Island), New Zealand (Kermadec Island)	Prehistoric Forest
2	<i>Trachycarpus fortunei</i> (Chinese windmill palm)	central to eastern China, northern Burma, southern Japan	north end of the Palm and Bamboo Section

\* new taxon to the living collection \*\* endangered in the wild \*\*\* not a palm





## FRUIT TREES IN THE GARDEN FOR ALL SEASONS

Growing fruit trees in one's back yard seems to be the norm rather than the exception in Southern California. Subtropical and borderline tropical species perform very well here. However, temperate, often deciduous species, such as apples, pears, cherries, plums, peaches and apricots can be somewhat more challenging because they don't receive enough chill hours during our warm winters.

One chill hour is equivalent to one hour below 45°F. Accumulation of hours typically begins in November and continues until nighttime temperatures are above the threshold. Chilling is typically required to meet a dormancy threshold; if a tree does not meet the minimum hours of chilling it will flower and fruit poorly. Fruit trees in Northern California can accumulate from 800 to 1,500 chill hours, while trees in Southern California are likely to amass only 100 to 400. Species and cultivars with low-chill requirements are considered "low-chill" selections.

Chilling requirements and tolerances were a major consideration when we selected and sited the trees in the redesigned Garden for All Seasons. The north end of this garden is about 9 feet higher in elevation than the south end. This gradient allows cold air to move, or drain, down slope making the north end warmer and the south end colder during winter. Hence, borderline tropical and subtropical selections were planted north of the pond (arbitrary central dividing line) and cold tolerant and cold requiring species and cultivars were selected for south of the pond. We focused on trees requiring less than 250 to 300 chill hours. All of these considerations were painstakingly accounted for so that we could provide the broadest possible palette of fruit trees, some of which are described here.

*Casimiroa sapota* 'Suebelle' (white sapote); a semi-dwarf evergreen selection to about 12'; as easy to grow as citrus; fruits have custard-like flavor and texture; lends itself to being blended with milk or ice cream to make shakes.

*Eugenia uniflora* 'Vermillion' (Surinam cherry); an evergreen selection; can produce up to five crops a year; hardy to 28°F with virtually no chill requirement; highly glossy, deeply ribbed fruits change from lime green to yellow to orange and finally to vermillion when ripe.

*Above: To the north of the garden, borderline tropical and subtropical fruit trees find a home because the winter temperature there is warmer than in the south end.*

*Feijoa sellowiana* 'Likvard's Pride' (pineapple guava); a rare selection with fruits more than 3-inches long and average weight of 3 ounces and up to 5 ounces.

*Mangifera indica* 'Alphonso' (mango); a semi-dwarf evergreen selection; considered to be one of the most flavorful and famous mangoes in India; flesh is virtually fiber-less.

*Morus macroura* 'King White' (white mulberry); easy-to-grow variety that produces fruit precociously; fruits are candy-like and so sweet they often measure off the Brix scale for sugar content; flavor reminiscent to honeydew melon.

*Myrciaria cauliflora* (jaboticaba); slow-growing tree to 12' with attractive, flaking, mottled bark; performs equally well in a container or in the ground; may produce fruits to three times per year; spherical, dark purple to black, plum-like fruits are borne on the tree branches and trunks; fruits are sweet with a little acid aftertaste, excellent for jams and jellies.

*Prunus avium* 'Minnie Royal' (low-chill sweet cherry [pollen source]) & *P. avium* 'Royal Lee' (low-chill sweet cherry [fruiting cultivar]); planted as a pair to insure pollination; this adaptable cherry has the lowest chill requirement of any cherry making it an excellent choice for Southern California; tree can be maintained at 10' and begins fruiting at about 5'; fruits have excellent flavor and very high sugar content.

*Punica granatum* 'Smith' PP16,578 (Angel Red® pomegranate); this is a new variety from Monrovia Growers; it produces abundant, bright red fruits with soft seeds.

*Vitis vinifera* x *V. labrusca* 'Priceless' (grape); American hybrid table grape that is excellent for Southern California; disease resistant vines begin producing the first year; complex, rich flavor with Concord-like characteristics but sweeter and without the tough chewy skin. ●

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





# BALDWIN LAKE

*Return of Eternal Springs?*



*Top: Baldwin Lake, ca. 1878, is shown in winter prior to any development by Elias J. Baldwin..*

*Bottom: Aerial view of the Historic Circle, ca. 1955, shortly after the completion, or during the construction, of the Circle Road.*

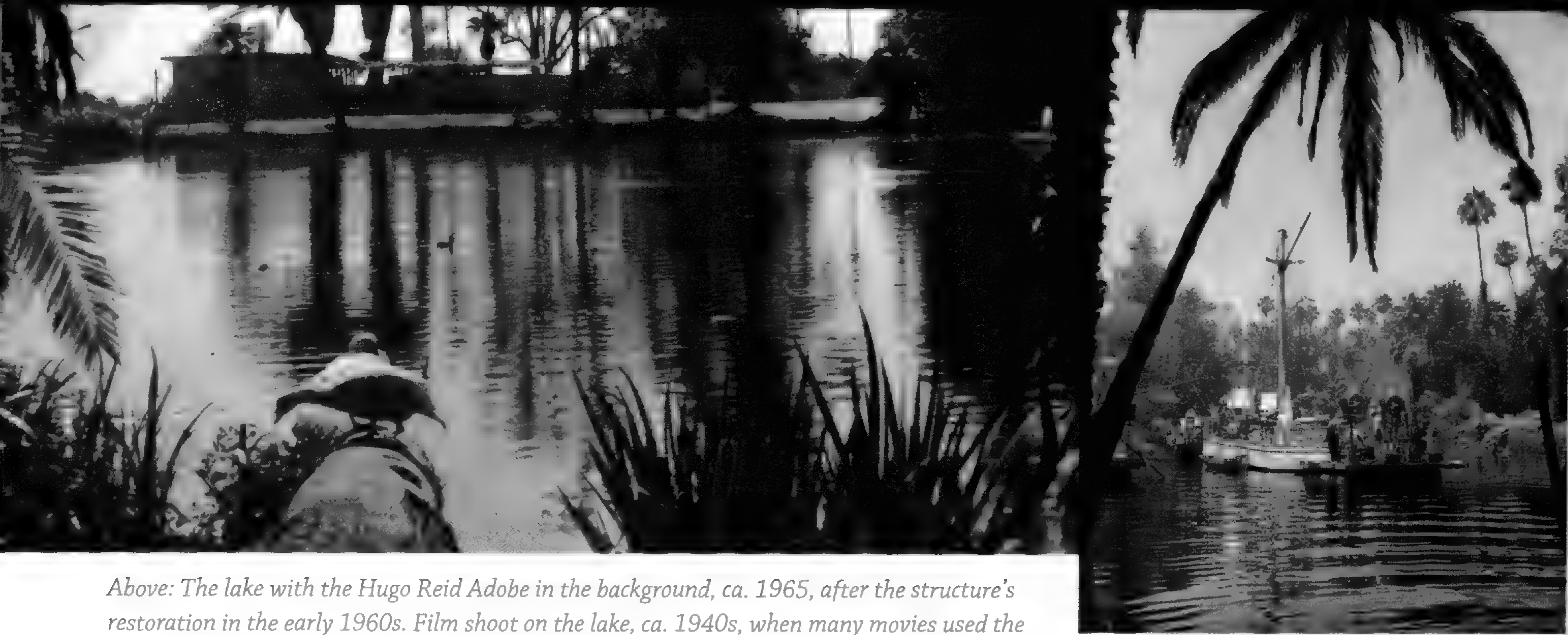
The history of Baldwin Lake is intimately tied to the Raymond Basin aquifer. Imagine a crescent moon-shaped belt of springs stretching from La Canada across Pasadena and down toward Arcadia essentially ending at the Raymond Hill fault, which runs under the Arboretum.

Rain and snow falling in the San Gabriel Mountains for tens of thousands of years built this underground reservoir diked by geological features, which did not allow the water to spread out readily across the San Gabriel Valley. The result was three small lakes: Baldwin Lake, another lake that was drained at the site of what is now Lacy Park in San Marino, and a third lake, the location of which seems somewhat uncertain now. The aquifer also fed innumerable small springs and creeks.

This water as well as the vegetation and animals it supported made the area verdant and lively even in the late summer and fall, a striking contrast to the surrounding areas. Waterfowl stopped at the lake as part of their migratory route. The sheer number of them that must have filled the area at certain times of the year is almost unimaginable. The water attracted game and early Native Americans, who built the Tongva village of Aleupkigna on the site of the Arboretum as well as other villages on the Raymond Basin aquifer.

In the Mission Era, water was organized for use in irrigation as well as to turn the wheel at El Molino Viejo to mill grain. A succession of owners likely altered the natural configuration of Baldwin Lake for irrigation and to water livestock. In 1875, Elias J. Baldwin bought Rancho Santa





*Above: The lake with the Hugo Reid Adobe in the background, ca. 1965, after the structure's restoration in the early 1960s. Film shoot on the lake, ca. 1940s, when many movies used the Arboretum and lake as a location site.*

*Below: Snowy Egret at Baldwin Lake.*

Anita and Baldwin Lake. A shrewd investor, he understood that land without water was worthless and that fertile land with abundant water was very valuable indeed and would be even more so in the future. His interests were in agriculture, raising thoroughbred race horses and in founding a new community.

The area around the lake was made into a pleasure park or a private arboretum both to show what the land could do and for Baldwin's enjoyment. The lake was dredged and became both a reservoir as well as an ornamental feature in a Victorian garden landscape. Lined with field stream boulders and equipped with a rustic style boat house, the lake became a perfect mirror for the Queen Anne Cottage, drooping willows and the San Gabriel Mountains in the distance. No doubt it also was used for swimming, fishing and just cooling off in a hot summer. Visitor descriptions of the site in the late 19th Century note its idyllic quality, noisy frogs and, in one instance, state the lake depth as 17 feet.

By the time the Arboretum was founded in 1948, the lake had experienced a period of neglect, with overgrown vegetation that appealed to film location scouts. It served as a tropical lagoon for Tarzan movies, and a couple of installments in the Bing Crosby-Bob Hope "Road" series, and many other films.

Springs still feed Baldwin Lake but not enough to keep it full year around. The water is now supplemented by runoff from the irrigation in the Arboretum and the neighboring suburb's storm drains, as well as potable water piped in by the Arboretum. According to weather in any given year, the lake can get bigger, or shrink to a large puddle.

Sadly bank erosion and silt have filled the lake to the point where its average depth is now about two feet. This means that the water cannot support fish species other than carp and catfish, which can tolerate elevated summer water temperatures and the associated depressed oxygen levels. All the same, a variety of water birds are only too happy to dine on them and still come to the lake with a surprising number of other bird species. However, the lake is only a shadow of what it could be in terms of biodiversity and as the charming Victorian piece of ornamental water it once was.

For the Arboretum, restoring Baldwin Lake as an ecologically healthy body of water and premier scenic resource is an important priority. This past fall, we began work with consulting hydrologists and engineers to better understand the lake and its needs. While studies continue, we look ahead to a day when Baldwin Lake will do full justice to both its distinguished history and the many thousands of visitors who come to enjoy it. ●

*—Mitchell Hearn's Bishop is Curator of Historical Collections at the Arboretum.*



## BIRD WATCH AT BALDWIN LAKE

- |                          |                           |
|--------------------------|---------------------------|
| Wood Duck                | Great Blue Heron          |
| Mandarin Duck            | Green Heron               |
| Mallard                  | Black-crowned Night Heron |
| Pied-billed Grebe        | American Coot             |
| Western Grebe            | Belted Kingfisher         |
| Clark's Grebe            | Song Sparrow              |
| Double-crested Cormorant | Snowy Egret               |
| Canada Goose             |                           |

*Last December the fortunes of Baldwin Lake took a highly positive turn with the award of an \$111,000 grant from The Dextra Baldwin McGonagle Foundation. The grant enables the creation of a "Cultural Landscape and Treatment Plan" that will guide future decisions for the lake and other historical features, based upon the input of historians, preservation specialists, and educators. We express our tremendous thanks for this generous support of a project vital to the Arboretum's future.*





## KIDS & FAMILY

### **NEW SHAKESPEARE AND IMPROV CLASS FOR TEENS**

Saturdays, January 19 – March 9;  
1–4pm

\$150 members; \$180 non-members;  
10% sibling discount

Instructors: Rebecca Rasmussen and  
Michael Yurchak

In this six-week class for 9th to 12th graders, the teens will be introduced to the art of the Shakespeare monologue and different styles of improvisation.

### **GOING GREEN TOGETHER! LOS ANGELES ENVIRONMENTAL EDUCATION FAIR**

Saturday, March 9; 9am–4pm

Regular admission fees apply; members free

Experience a greener tomorrow at the Arboretum. Lively entertainment with music, crafts, hands-on activities, and storytelling will make this a fun-filled day for all. Visit wild animals, pick-up a free pine seedling, participate in environmental challenges, and take an “Eco-Tour”.

### **EGG-CEPTIONAL CELEBRATION**

Saturday, March 30; 10am–2pm

Regular Arboretum admission fees apply; members free; \$3 suggested donation

Join us for an EGG-ceptional celebration for kids of all ages. Enjoy egg hunts, egg scrambles and egg-expeditions as well as Make and Take activities, refreshments and prizes!



## SPRING NATURE CAMP

SESSION 1: Monday-Friday, March 25-29

SESSION 2: Monday-Friday, April 1-5 Just in time for

spring break, Nature Camp will captivate children ages 5 to 10. Campers will have fun learning about nature at the Arboretum. All activities are led by instructors and guided by counselors.

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

## SUMMER NATURE CAMP

BEGINS JUNE 10—SIGN UP NOW!

Children ages 5 to 10 enjoy summer days at the Arboretum. The one-week camps, Monday through Friday, are full of adventure, discovery and fun. All activities are led by instructors and guided by counselors.

SESSION 1  
June 10 – 14

SESSION 2  
June 17 – 21

SESSION 3  
June 24 – 28

HOLIDAY BREAK: July 1 – 5

SESSION 4  
July 8 – 12

SESSION 5  
July 15 – 19

SESSION 6  
July 22 – 26

SESSION 7  
July 29 – August 2

SESSION 6  
August 5– 9

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



# THURSDAY GARDEN TALKS WITH LILI SINGER

## WINTER SESSION

Thursdays, January 10 – February 28; 9:30am–Noon; Palm Room

\$100 for the series, \$20 per class; Reservations or 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](mailto:jill.berry@arboretum.org)

### **EDIBLE LANDSCAPING IN SOUTHERN CALIFORNIA**

January 10

with Kelly Coyne and Erik Knutzen, founders of the blog [rootsimple.com](http://rootsimple.com)

### **PLANTING L.A./L.A. PLANTS: A TALK AND PLANT SALE**

January 17

with Antonio Sanchez, educator and native plant advocate

### **FIELD TRIP: A WALK ON THE WESTSIDE, THREE EXTRAORDINARY COASTAL GARDENS**

January 24

### **SPLENDID SALVIAS: SAGES FOR THE GARDEN**

January 31

with Bart O'Brien, director of special projects at Rancho Santa Ana Botanic Garden

### **LIVING WELL IN A LIMITED WORLD**

February 7

with Isabelle C. Greene, FASLA

### **INTRODUCTION TO GREYWATER SYSTEMS**

February 14

with Leigh Jerrard, founder of Greywater Corps ([greywatercorps.com](http://greywatercorps.com))

### **FIELD TRIP: HUNTINGTON ROSE GARDEN**

February 21

hosted by Tom Carruth, curator

### **GREAT GARDEN PLANTS, AN ADMIRATION AND ARBORETUM EXPLORATION**

February 28

with Lili Singer, horticulturist, garden writer and educator

## SPRING SESSION

Thursdays, March 14 – May 2; 9:30am–Noon; Palm Room

See above for details.

### **JOURNEY TO YOUR GARDEN**

March 14

with Marilee Kuhlmann, landscape designer ([www.comfortzonesgardendesign.com](http://www.comfortzonesgardendesign.com))

### **FIELD TRIP: NORTH CAMPUS GARDEN, NATURAL HISTORY MUSEUM OF L.A. COUNTY, AND EXPOSITION PARK ROSE GARDEN**

March 21

with North Campus and Gardens director Carol Bornstein and head gardener Richard Hayden

### **THE ENGELMANN OAK PROJECT AT THE ARBORETUM**

March 28

with James E. Henrich, Arboretum curator of living collections

### **HOLLYWOOD AT THE ARBORETUM, PLUS BEHIND-THE-SCENES-OF-THE-SCENES**

April 4

with Vince Foley, Los Voluntarios speakers' bureau, and Sandy Snider, retired Arboretum historian

### **DESIGN LIKE A PRO: DEMYSTIFYING THE ART OF GARDEN DESIGN**

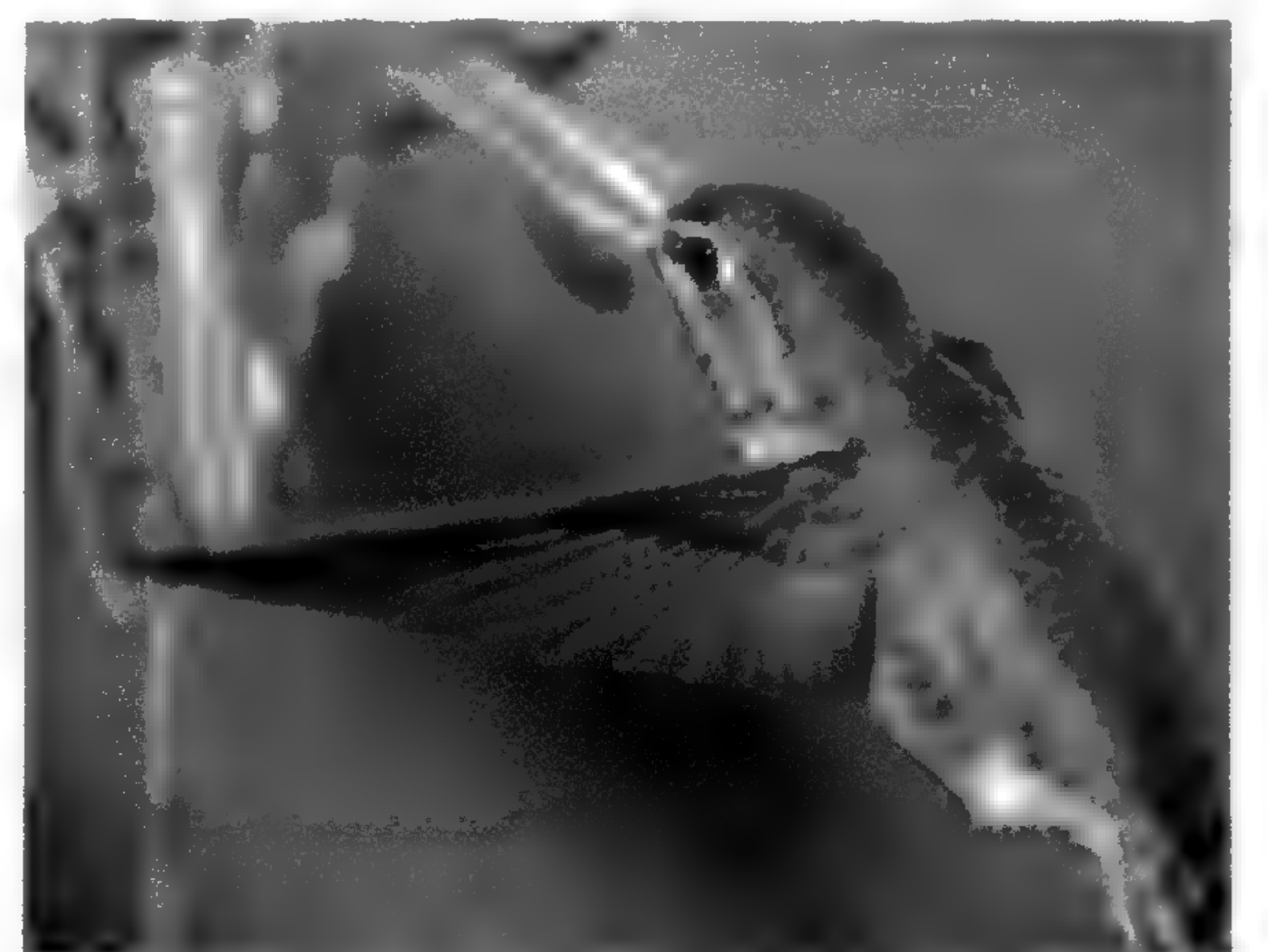
April 11

with Billy Goodnick, landscape architect and writer ([www.billygoodnick.com](http://www.billygoodnick.com))

### **HANDMADE GARDEN PROJECTS**

April 18

with Lorene Edwards Forkner, editor of Pacific Horticulture magazine ([www.pacifichorticulture.org](http://www.pacifichorticulture.org))



### **FIELD TRIP: NURSERY HOPPING OFF THE I-210, BOUNTIFUL GARDENS & LINCOLN AVENUE NURSERY**

April 25

### **HUM ON IN: ATTRACTING TINY BIRDS TO YOUR GARDEN**

May 2

with Lili Singer, horticulturist, garden writer and educator





# JANUARY AT THE ARBORETUM

## EVENTS

### BAIKO-EN BONSAI KENKYUKAI SHOW AND SALE

Saturday and Sunday, January 19 – 20; 10am–4:30pm; Ayres Hall

Free with admission; members free  
Baiko-En Bonsai Kenkyukai Society will present the only U.S. show of deciduous, miniaturized trees. The exhibit will feature Japanese graybark elms, ginkgo, zelkova and maple trees in their dormant stage.

## GARDENING

### GARDEN TALKS WITH LILI SINGER

Thursdays, January 10, 17, 24, 31  
See page 15 for details.

### SQUARE-FOOT GARDENING WORKSHOP

Saturday, January 19; 10am–1pm; Bamboo Room  
\$25 members; \$30 non-members

Instructor: Jo Ann Carey  
Square-foot gardening uses only 20% of the land space of a conventional garden and saves both water and time.

## KIDS & FAMILY

### ARBORETUM ADVENTURES: NATURE INSTALLATIONS

Saturday, January 5; 10am–Noon; Rotunda

Free with admission; members free  
Each Saturday adventure is new and exciting, and will have a different theme relating to nature.

### BOOKWORMS: A STORYTELLING PROGRAM—ARE THERE CACTUS IN SOUTH AFRICA?

Wednesday, January 2; 10am;  
Wednesday, January 16; 10am;  
Saturday, January 19; 2pm;  
Main Entrance

Free with admission; members free  
Enjoy plant and nature stories and a take-home craft. This program is recommended for ages 3–6.

### FAMILY FUN CLASSES: ARCHAEOLOGICAL DIG

Saturday, January 19; 10am–Noon; Rotunda

\$8 per child for members;  
\$10 per child for non-members;  
Must be accompanied by an adult.  
Enrollment covers Arboretum admission.  
Pre-registration required. Please call 626-821-4623 or 626-821-5897.

### NEW SHAKESPEARE AND IMPROV CLASS FOR TEENS

Saturdays, January 19 – March 9; 1–4pm; open to 9–12 graders.  
See page 14 for details.

## COLLECTIONS

### PLANT INFORMATION: COLOR FROM THE CAPE—SOUTH AFRICAN SECTION TOUR

Wednesday, January 2; 1:30–3pm; Plant Information Office

Free with admission; members free  
Instructor: Frank McDonough  
The Arboretum's plant information consultant Frank McDonough will introduce botany and share the most interesting and informative questions received by the Plant Information Department.

### READING THE WESTERN LANDSCAPE BOOK CLUB: LOS ANGELES STORIES BY RY COOPER

Wednesday, January 9; 7pm; Arboretum Library

See page 8 for details.

### SANTA ANITA DEPOT TOURS

Tuesdays; Wednesdays; 10am–4pm; Sundays, 1–4pm

Free with admission; members free

### DOCENT-LED WALKING TOURS

Tuesdays, Wednesdays, Thursdays; 10am; No tours on third Tuesday of the month

Free with admission; members free

## ART

### IKEBANA

Fridays, January 11 – March 1; ADVANCED: 9:30–11:30am;

BASIC: 11:00am–12:30pm; Bamboo Room

\$72 members; \$87 non-members;  
\$32 materials fee payable to instructor

Instructors: Reiko Kawamura and Yumiko Kikkawa

Learn about Japanese floral traditions in these popular workshops.

### USING COLOR PENCILS IN BOTANICAL ART

Tuesdays, January 8, 15, 22, 29; 10am–2pm; Oak Room

\$255 members; \$275 non-members  
Instructor: Cristina Baltayian

### USING GRAPHITE IN BOTANICAL ART: MEDIUM AND BASIC LIGHT ON FORM

Wednesdays, January 9, 16, 23, 30; 10am–2pm

\$255 members; \$275 non-members  
Instructor: Olga Eysymontt

### USING COLOR PENCILS IN BOTANICAL ART

Saturday, January 12; 10am–4pm; Oak Room

\$95 members; \$115 non-members  
Instructor: Cristina Baltayian

### ART WORKSHOP

Mondays, January 14 – March 4; 9:30–11:30am; Oak Room

\$40 members; \$45 non-members  
This is a self-directed workshop (no official instructor) that provides a supportive, encouraging environment for those who wish to pursue their artistic endeavors in watercolor, graphite, pastels, etc.

## FITNESS

### YOGA IN THE MORNING

Thursdays, January 3, 10, 17, 24; 9:30–10:45am

\$30 members; \$35 non-members;  
\$10 drop-in rate per day

Instructor: Candyce Columbus

The sessions begin with a 10-to-15 minute warm up stroll through the garden prior to an hour-long rejuvenating traditional Indian Hatha yoga class.

### YOGA IN THE EVENING

Mondays, January 7, 14, 21, 28; 5:30–6:45pm; Palm Room

\$30 members; \$35 non-members;  
\$10 drop-in rate per day

Instructor: Candyce Columbus  
See above for details.

### PASADENA HUMANE SOCIETY TRAINING AT THE ARBORETUM

January 14 – February 11

\$120 General Registration;

\$100 members and PHS adopters;  
\$60 Arboretum, PHS and volunteers

If your dog is already schooled in basic obedience, might your canine friend be ready to learn tricks or graduate to intermediate obedience training? For information about specific classes, call 626-792-7151, x 155 or visit [www.pasadenahumane.org](http://www.pasadenahumane.org).





### EVENTS

#### PACIFIC ROSE SOCIETY ANNUAL AUCTION

Saturday, February 2; 9am–5pm;  
Ayres Hall

*Free with admission; members free*  
The Pacific Rose Society hosts its annual Rose Auction of hard-to-find, unusual, new and direct-from-the-growers rose plants.

#### MUSHROOM FAIR

Sunday, February 10; 9am–5pm;  
Ayres Hall

*Free with admission; members free*  
Los Angeles Mycological Society (LAMS) holds its annual Wild Mushroom Fair that will include demonstrations on growing, cooking, and identifying mushrooms.

### GARDENING

#### GARDEN TALKS WITH LILI SINGER

Thursdays, February 7, 14, 21, 28  
*See page 15 for details.*

#### **NEW** WHAT TREE IS THAT?

Saturday, February 2; 10am–Noon  
*See page 9 for details.*

#### LANDSCAPE DESIGN (A MT. SAN ANTONIO COLLEGE CLASS)

Tuesdays, February 26 – June 11;  
5:30pm–10pm; Ayres Hall  
\$30 payable to the Arboretum;  
\$167 fee payable to Mt. SAC  
For information, call Mt. SAC at  
909-594-5611, x4540.  
Instructor: Brian Scott

### COOKING

#### FRESH: CELEBRATING THE TABLE—STEVEN MARY, EXECUTIVE CHEF OF CATAL RESTAURANT AT DOWNTOWN DISNEY

Wednesday, February 6; 3–5pm;  
Oak Room Patio  
\$50 members; \$60 non-members;  
*Pre-registration required.*  
Please call 626-821-4623  
Sponsored by Catal Restaurant and  
UVA bar, a Patina Group restaurant.

### KIDS & FAMILY

#### ARBORETUM ADVENTURES: ORCHID EXPLORATION

Saturday, February 2; 10am–Noon;  
Rotunda

*Free with admission; members free*  
*See page 16 for details.*

#### BOOKWORMS: A STORYTELLING PROGRAM—THE FOOD IS GROWING FASTER NOW

Wednesday, February 6, 10am;  
Saturday, February 16, 2pm;  
Wednesday, February 20, 10am;  
Main Entrance

*Free with admission; members free*  
*See page 16 for details.*

#### FAMILY FUN CLASSES: PLAYING WITH WORMS!

Saturday, February 16; 10am–Noon;  
Rotunda

\$8 per child for members;  
\$10 per child for non-members;  
*Pre-registration required. Please call*  
626-821-4623 or 626-821-5897.  
*See page 16 for details.*

### COLLECTIONS

#### PLANT INFORMATION: MAGNOLIA COLLECTION TOUR

Wednesday, February 6; 1:30–3pm;  
Plant Information Office  
*Free with admission; members free*

#### READING THE WESTERN LANDSCAPE BOOK CLUB: INFINITE CITY: A SAN FRANCISCO ATLAS BY REBECCA SOLNIT

Saturday, February 2; 2pm;  
Arboretum Library  
*See page 8 for details.*

#### SANTA ANITA DEPOT TOURS

Tuesdays, Wednesdays; 10am–4pm;  
Sundays; 1–4pm  
*Free with admission; members free*

#### DOCENT-LED WALKING TOURS

Tuesdays, Wednesdays, Thursdays;  
10am; No tours on third Tuesday of  
the month  
*Free with admission; members free*

### ART

#### USING COLOR PENCILS IN BOTANICAL ART

Tuesdays, February 5, 12, 19, 26;  
10am–2pm; Oak Room  
\$255 members; \$275 non-members  
*See page 16 for details.*

#### USING GRAPHITE IN BOTANICAL ART: LEAF SHAPES

Wednesdays, February 6, 13, 20, 27;  
10am–2pm  
\$255 members; \$275 non-members  
*See page 16 for details.*

#### USING COLOR PENCILS IN BOTANICAL ART

Saturday, February 9; 10am–4pm;  
Oak Room  
\$95 members; \$115 non-members  
*See page 16 for details.*

### FITNESS

#### YOGA IN THE MORNING

Thursdays, February 7, 14, 21, 28;  
9:30–10:45am  
*See page 16 for fees and details.*

#### YOGA IN THE EVENING

Mondays, February 4, 11, 18, 25;  
5:30–6:45pm  
*See page 16 for fees and details.*







# MARCH AT THE ARBORETUM

## EVENTS

### MONROVIA ROCK HOUNDS SHOW AND SALE

Saturday and Sunday, March 2 - 3;  
9am-4:30pm; Ayres Hall  
*Free with admission; members free*  
Gems, minerals, fossils, geodes, and jewelry will be displayed at this annual gem and mineral show.

### GOING GREEN TOGETHER: LOS ANGELES ENVIRONMENTAL EDUCATION FAIR

Saturday, March 9; 9am-4pm;  
*Free with admission; members free*  
*See page 14 for details.*

### IKEBANA INTERNATIONAL SHOW AND SALE

Saturday, March 16, 11am-4:30pm;  
Sunday, March 17, 9am-4pm;  
Ayres Hall  
*Free with admission; members free*  
Different schools of Japanese flower arrangement will be represented from classical to naturalistic to avant-garde. Arrangements by all levels of artists, from beginners to teachers, will be displayed.

### EGG-CEPTIONAL CELEBRATION

Saturday, March 30; 10am-2pm;  
Event Lawn and Ayres Hall  
*See page 14 for details.*

## GARDENING

### **NEW** WHAT TREE IS THAT?

Saturday, March 2; 10am-Noon  
*See page 9 for details.*

### GARDEN TALKS WITH LILI SINGER

Thursdays, March 14, 21, 28  
*See page 15 for details.*

### ORGANIC FRUIT AND VEGETABLE GARDENING

Saturday, March 9; Noon-4pm;  
Palm Room  
\$25 members; \$30 non-members  
*Instructor: Jill Morganelli*

### **NEW** PLANT PROPAGATION WORKSHOP

Saturday, March 23; 10am-Noon;  
Palm Room  
*See page 9 for details.*

## COOKING

### FRESH: CELEBRATING THE TABLE—PHAEDRA LEDBETTER, COOKING FOR GODDESSES: CULINARY TREASURES OF GREECE

Wednesday, March 13; 3-5pm  
\$50 members; \$60 non-members  
*Pre-registration required. Please call 626-821-4623 or 626-821-5897*

## KIDS & FAMILY

### ARBORETUM ADVENTURES: BIRD WALK

Saturday, March 2; 10am-Noon;  
Rotunda  
*Free with admission; members free*  
*See page 16 for details.*

### BOOKWORMS: A STORYTELLING PROGRAM—OUCH! WATCH OUT FOR THE SPINES!

Wednesday, March 6; 10am;  
Saturday, March 16; 2pm;  
Wednesday, March 20; 10am;  
Main Entrance  
*Free with admission; members free*  
*See page 16 for details.*

### FAMILY FUN CLASSES: FOSSILS IN MY GARDEN

Saturday, March 16; 10am-Noon;  
Rotunda  
\$8 per child for members;  
\$10 per child for non-members;  
*Pre-registration required. Please call 626-821-4623 or 626-821-5897.*  
*See page 16 for details.*

## COLLECTIONS

### PLANT INFORMATION: NURSERY TOUR—SELECTED NURSERIES OF PASADENA

Wednesday, March 6; 1:30pm-3pm;  
Plant Information Office  
*Free with admission; members free*

### READING THE WESTERN LANDSCAPE BOOK CLUB:

**LULU IN HOLLYWOOD: EXPANDED EDITION BY LOUISE BROOKS**  
Wednesday, March 6; 7pm;  
Arboretum Library  
*See page 8 for details.*

## ART

### IKEBANA

Fridays, March 15 - May 3;  
ADVANCED: 9:30-11:30am;  
BASIC: 11:00am-12:30pm;  
*See page 16 for details.*

### USING COLOR PENCILS IN BOTANICAL ART

Tuesdays, March 5, 12, 19, 26;  
10am-2pm; Bamboo Room  
\$255 members; \$275 non-members  
*See page 16 for details.*

### ART WORKSHOP

Mondays, March 11 - April 29;  
9:30-11:30am; Oak Room  
\$40 members; \$45 non-members  
*See page 16 for details.*

### USING GRAPHITE IN BOTANICAL ART: FLOWER FORM

Wednesdays, March 6, 13, 20, 27;  
10am-2pm  
\$255 members; \$275 non-members  
*See page 16 for details.*

### USING COLOR PENCILS IN BOTANICAL ART

Saturdays, March 9; 10am-4pm;  
Oak Room  
\$95 members; \$115 non-members  
*See page 16 for details.*

### SANTA ANITA DEPOT TOURS

Tuesdays, Wednesdays; 10am-4pm;  
Sundays; 1-4pm;  
*Free with admission; members free*

### DOCENT-LED WALKING TOURS

Tuesdays, Wednesdays, Thursdays;  
10am; No tours on the third Tuesday of the month  
*Free with admission; members free*

## FITNESS

### YOGA IN THE MORNING

Thursdays, March 7, 14, 21, 28;  
9:30-10:45am  
*See page 16 for fees and details.*

### YOGA IN THE EVENINGS

Tuesdays, March 5, 12, 19, 26;  
5:30-6:45pm  
*See page 16 for fees and details.*

### PASADENA HUMANE SOCIETY DOG TRAINING AT THE ARBORETUM

March 4 - April 1  
*See page 16 for details.*

*Pre-registration preferred for all classes; please call 626-821-4623*

*or email [jill.berry@arboretum.org](mailto:jill.berry@arboretum.org) to register.*



# APRIL AT THE ARBORETUM



## EVENTS

### SANTA ANITA DERBY DAY 5K

Saturday, April 6; 8am

For details visit [www.kinaneevents.com/](http://www.kinaneevents.com/EVENTS/SA)  
EVENTS/SA

### SPRING IRIS AND BULB SHOW AND SALE

Saturday and Sunday, April 13 – 14;  
9am–4:30pm; Ayres Hall

Free with admission; members free

Tall bearded, small bearded and aril-bred irises will be on the display provided by the Southern California Iris Society and So. Cal. Hemerocallis and Amaryllis Society. Pacific Coast natives that have colors ranging from cream to blue-violet and Siberian Iris that flower throughout the summer will also be featured.

### GERANIUM SOCIETY SHOW AND SALE

Sunday and Monday, April 21 – 22;  
9am–4pm; Ayres Hall

Free with admission; members free

This show is brought to you by the International Geranium Society, Los Angeles Branch.

### ROSE SHOW AND SALE

Saturday, April 27; 1–5pm;

Sunday, April 28; 10am–3pm;

Ayres Hall

Free with admission; members free

The Pacific Rose Society will present grandifloras, hybrid teas, floribundas, miniatures and new and old varieties. Members will answer questions on cultural care. Shrubs of miniature and larger varieties, as well as cut flowers, will be on sale both days.

## COOKING

### FRESH: CELEBRATING THE TABLE—ALEXANDRA POER SHERIDAN, CHEF/OWNER OF CAFÉ AND BOUTIQUE ALEXANDRA'S TABLE

Wednesday, April 10; 3–5pm

\$50 members; \$60 non-members;

Pre-registration required.

Please call 626-821-4623

## GARDENING

### NEW INTRODUCTION TO PLANT IDENTIFICATION

Fridays, April 5 – May 10; 2–4pm;

Bamboo Room

\$60 members; \$65 non-members

See page 9 for details.

### GARDEN TALKS WITH LILI SINGER

Thursdays, April 4, 11, 18, 25

See page 15 for details.

### NEW WHAT TREE IS THAT?

Saturday, April 13; 10am–Noon

See page 9 for details.

### SQUARE-FOOT GARDENING WORKSHOP

Saturday, April 20; 10am–1pm;

Bamboo Room

\$25 members; \$30 non-members

Instructor: Jo Ann Carey

See page 16 for details.

### CREATE A SUSTAINABLE OASIS: YOU CAN DO IT!

Saturday, April 27; 9:30am–1:30pm;

Palm Room

\$25 members; \$30 non-members

Instructors: John Lyons and Leigh Adams

This beautifully illustrated three-hour program follows the step-by-step development of a unique water-harvesting garden in the foothills of Altadena—a now-thriving organic garden.

## KIDS & FAMILY

### BOOKWORMS: A STORYTELLING PROGRAM—FLIT AND FLUTTER LOOKING FOR A BLOSSOM

Wednesday, April 3; 10am;

Saturday, April 13; 2pm;

Wednesday, April 17; 10am;

Main Entrance

Free with admission; members free

See page 16 for details.

### ARBORETUM ADVENTURES: GREAT BUG HUNT

Saturday, April 6; 10am–Noon;

Rotunda

Free with admission; members free

See page 16 for details.

### FAMILY FUN CLASSES: VEGGIE GARDENING

Saturday, April 20; 10am–Noon;

Rotunda

\$8 per child for members;

\$10 per child for non-members;

Pre-registration required.

See page 16 for details.

## COLLECTIONS

### PLANT INFORMATION: ROSE HILLS ROSE TEST GARDEN

Wednesday, April 3; 1:30–3pm;

Plant Information Office

Free with admission; members free

### READING THE WESTERN LANDSCAPE BOOK CLUB: BATTLEBORN

BY CLAIRE VAYE WATKINS

Saturday, April 13; 2pm;

Arboretum Library

See page 8 for details.

### SANTA ANITA DEPOT TOURS

Tuesdays, Wednesdays; 10am–4pm;

Sundays; 1–4pm

Free with admission; members free

### DOCENT-LED WALKING TOURS

Tuesdays, Wednesdays, Thursdays;

10am; No tours on third Tuesday of

the month

Free with admission; members free

## ART

### USING COLOR PENCILS IN BOTANICAL ART

Tuesdays, April 2, 9, 16, 23;

10am–2pm; Oak Room

\$255 members; \$275 non-members

See page 16 for details.

### USING COLOR PENCILS IN BOTANICAL ART

Saturdays, April 13; 10am–4pm;

Oak Room

\$95 members; \$115 non-members

See page 16 for details.

## FITNESS

### YOGA IN THE MORNING

Thursdays, April 4, 11, 18, 25;

9:30–10:45am

See page 16 for fees and details.

### YOGA IN THE EVENING

Tuesdays, April 2, 9, 16, 23;

6–7:15pm

See page 16 for fees and details.

### PASADENA HUMANE SOCIETY DOG TRAINING AT THE ARBORETUM

April 22 – May 20

See page 16 for details.





# MAY AT THE ARBORETUM

## EVENTS

### WILD WEST DAYS

Saturday and Sunday, May 4 – 5;  
10am–4pm; Historic Section  
*See page 5 for details.*

### DESCANSO CHRYSANTHEMUM SOCIETY SHOW AND SALE

Saturday and Sunday, May 11 – 12;  
9am–4pm; Ayres Hall  
*Free with admission; members free*  
Over 150 varieties of rooted chrysanthemum cuttings will be available at the Descanso Chrysanthemum Society Show and Sale. Many perennial flowers and shrubs, tomato plants and other vegetable plants will also be for sale.

### ANNUAL EPIPHYLLUM SHOW AND SALE

Saturday and Sunday, May 18 – 19;  
9am–4pm; Ayres Hall  
*Free with admission; members free*  
Treat yourself to an enjoyable time viewing these unusual and gorgeous flowers. Besides cut flowers, the show includes epiphyllum pictures, flower arrangements, plants and related epiphytic plants.

### SANTA ANITA BONSAI SHOW

Saturday – Monday, May 25 – 27;  
9:30am–5pm; Ayres Hall  
*Free with admission; members free*  
The Santa Anita Bonsai Society will display trees trained to look like miniature forest giants. Trees up to four feet tall such as maples, junipers and pines will be displayed. Plants and trees will be for sale, and there will be daily demonstrations on bonsai culture.

## GARDENING

### GARDEN TALKS WITH LILI SINGER

Thursday, May 2  
*See page 15 for details.*

### HYPERTUFA POT WORKSHOP

Saturday, May 4; 10am–Noon;  
Ayres Hall  
*\$30 members; \$35 non-members;*  
*Pre-registration required.*  
*Please call 626-821-4623*  
*Instructor: Steve Gerischer*  
Hypertufa, a mixture of cement, coir peat and perlite molded to resemble tufa or crumbling granite, is a fun process for creating “instant antiquities” for the garden. You will start by making a small bowl or trough to learn the techniques so you can make larger pieces at home with confidence. All materials are provided, but wear comfortable clothes, a hat and bring water.

### NEW WHAT TREE IS THAT?

Saturday, May 11; 10am–Noon  
*See page 9 for details.*

## KIDS & FAMILY

### BOOKWORMS: A STORYTELLING PROGRAM—TULE AND TURTLES: LIFE IN A POND

Wednesday, May 1; 10am;  
Wednesday, May 15; 10am;  
Saturday, May 25; 2pm;  
Main Entrance  
*Free with admission; members free*  
*See page 16 for details.*

### FAMILY FUN CLASSES: BUTTERFLY BRIGADE

Saturday, May 18; 10am–Noon;  
Rotunda  
*\$8 per child for members;*  
*\$10 per child for non-members*  
*Pre-registration required. Please call 626-821-4623 or 626-821-5897*  
Springtime is here and the butterflies are near! Stroll through the Arboretum to find these colorful insects in their favorite habitat and learn about their life along the way. Become a junior entomologist and take home your own caterpillar to experience the metamorphosis before your very own eyes.

## COLLECTIONS

### PLANT INFORMATION: A BRIEF OVERVIEW OF THE HORTICULTURAL HISTORY OF CALIFORNIA

Wednesday, May 1; 1:30pm–3pm;  
Plant Information Office  
*Free with admission; members free*

### READING THE WESTERN LANDSCAPE BOOK CLUB: CONIFER COUNTRY BY MICHAEL EDWARD KAUFFMANN

Wednesday, May 1; 7pm;  
Arboretum Library  
*See page 8 for details.*

### SANTA ANITA DEPOT TOURS

Tuesdays, Wednesdays; 10am–4pm;  
Sundays, 1–4pm  
*Free with admission; members free*

### DOCENT-LED WALKING TOURS

Tuesdays, Wednesdays, Thursdays;  
10am; No tours on third Tuesday of the month  
*Free with admission; members free*

## ART

### ART WORKSHOP

Mondays, May 6 – June 24;  
9:30–11:30am; Oak Room  
*\$40 members; \$45 non-members*  
*See page 16 for details.*

### USING COLOR PENCILS IN BOTANICAL ART

Tuesdays, May 7, 14, 21, 28;  
10am–2pm; Oak Room  
*\$255 members; \$275 non-members*  
*See page 16 for details.*

### USING GRAPHITE IN BOTANICAL ART: FLOWERS, LEAVES AND DISSECTIONS

Wednesdays, May 8, 15, 22, 29;  
10am–2pm  
*\$255 members; \$275 non-members*  
*See page 16 for details.*

### USING COLOR PENCILS IN BOTANICAL ART

Saturday, May 11  
10am–4pm; Oak Room  
*\$95 members; \$115 non-members*  
*See page 16 for details.*

## FITNESS

### YOGA IN THE MORNING

Thursdays, May 2, 9, 16, 23;  
9:30–10:45am  
*See page 16 for fees and details.*

### YOGA IN THE EVENING

Tuesdays, May 7, 14, 21, 28;  
6:00–7:15pm  
*See page 16 for fees and details.*



# JUNE AT THE ARBORETUM



## EVENTS

### DAYLILY SHOW AND PLANT SALE

Saturday, June 1; 9am–4pm;  
Ayres Hall

*Free with admission; members free*

See daylilies in shades of yellow, red, white, salmon, orange, and bi-colors. The Southern California Hemerocallis and Amaryllis Society sponsors this annual show that features educational displays and demonstrations. Bulbs will be for sale.

### PASADENA POPS

Saturday, June 1, 29; 5:30–10pm  
*See page 4 for details.*

### FERN AND EXOTIC PLANT SHOW AND SALE

Saturday, June 8; 9am–3:30 pm;  
Sunday, June 9; 9am–4:30pm;  
Ayres Hall

*Free with admission; members free*

On display will be more than 60 varieties of ferns plus over 70 varieties of other plants, rare species and collectibles. A series of free workshops and lectures will be held each day.

## GARDENING

### ORGANIC FRUIT & VEGETABLE GARDENING

Saturday, June 8; Noon–4pm  
*See page 18 for details.*

## KIDS & FAMILY

### BOOKWORMS: A STORYTELLING PROGRAM—IN THE JUNGLE

Wednesday June 5; 10am;  
Wednesday, June 19; 10am;  
Saturday, June 22; 2pm;  
Main Entrance

*Free with admission; members free*

*See page 16 for details.*

## COLLECTIONS

### PLANT INFORMATION: JUNE GLOOM; FRIEND OR FOE?

Wednesday, June 5; 1:30–3pm;  
Plant Information Office

*Free with admission; members free*

### READING THE WESTERN LANDSCAPE BOOK CLUB: AN AMERICAN PROVENCE BY THOMAS P. HUBER

Saturday, June 8; 2pm;  
Arboretum Library

*See page 8 for details.*

### SANTA ANITA DEPOT TOURS

Tuesdays, Wednesdays; 10am–4pm;  
Sundays, 1–4pm

*Free with admission; members free*

### DOCENT-LED WALKING TOURS

Tuesdays, Wednesdays, Thursdays;  
10am; No tours on third Tuesday of the month

*Free with admission; members free*

## ART

### IKEBANA

Fridays, June 7 – August 2 (no class July 5);

ADVANCED: 9:30–11:30am;

BASIC: 11:00am–12:30pm;

Bamboo Room

*See page 16 for details.*

### USING COLOR PENCILS IN BOTANICAL ART

Tuesdays, June 4, 11, 18, 25;  
10am–2pm; Oak Room

*\$255 members; \$275 non-members*

*See page 16 for details.*

### USING COLOR PENCILS IN BOTANICAL ART

Saturday, June 8; 10am–4pm;  
Oak Room

*\$95 members; \$115 non-members*

*See page 16 for details.*

## FITNESS

### YOGA IN THE MORNING

Thursdays, June 6, 13, 20, 27;  
9:30–10:45am

*See page 16 for fees and details.*

### YOGA IN THE EVENING

Tuesdays, June 4, 11, 18, 25;  
6:00–7:15pm

*See page 16 for fees and details.*

### PASADENA HUMANE SOCIETY TRAINING AT THE ARBORETUM

June 10 – July 8

*See page 16 for details.*

## LOOKING AHEAD

### ARBORETUM SUMMER NIGHTS CONCERT

Friday, June 21; Picnicking begins 4:30pm;  
Concert 6pm

*Free for members, \$5 for non-members;*

*\$3 for children 5-12; children under 5 free*

Steven Rushingwind Project opens the first concert of the Arboretum Summer Nights series with his beautiful flute music. Bring along family and friends to picnic while you enjoy the live entertainment. Check [www.arboretum.org](http://www.arboretum.org) for more information and other concert dates and performers.

### SUMMER HOURS BEGIN

Friday, June 21, the Arboretum will be open to members daily at 7:30am; Wednesday evenings, the garden will be open until 7pm.





# THANK YOU TO OUR DONORS

*The Arboretum community is made up of many individuals who share a vision of the vital role the garden plays as a place of learning, inspiration and enjoyment. We are proud to recognize these special individuals, foundations and corporations who have made contributions. Thank you to all our donors and members for your philanthropic support.*

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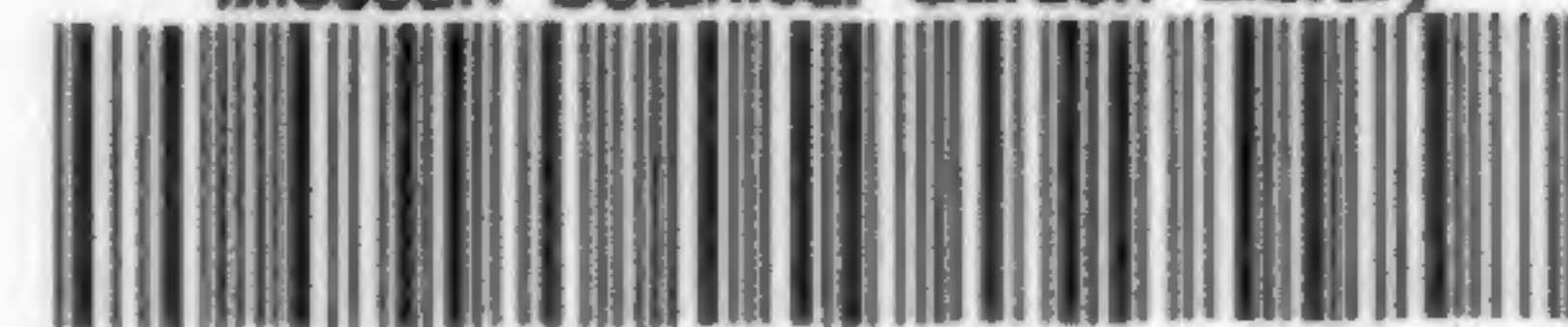
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and let us know if we inadvertently  
misspelled or omitted your name.*

**MEMBERSHIP**

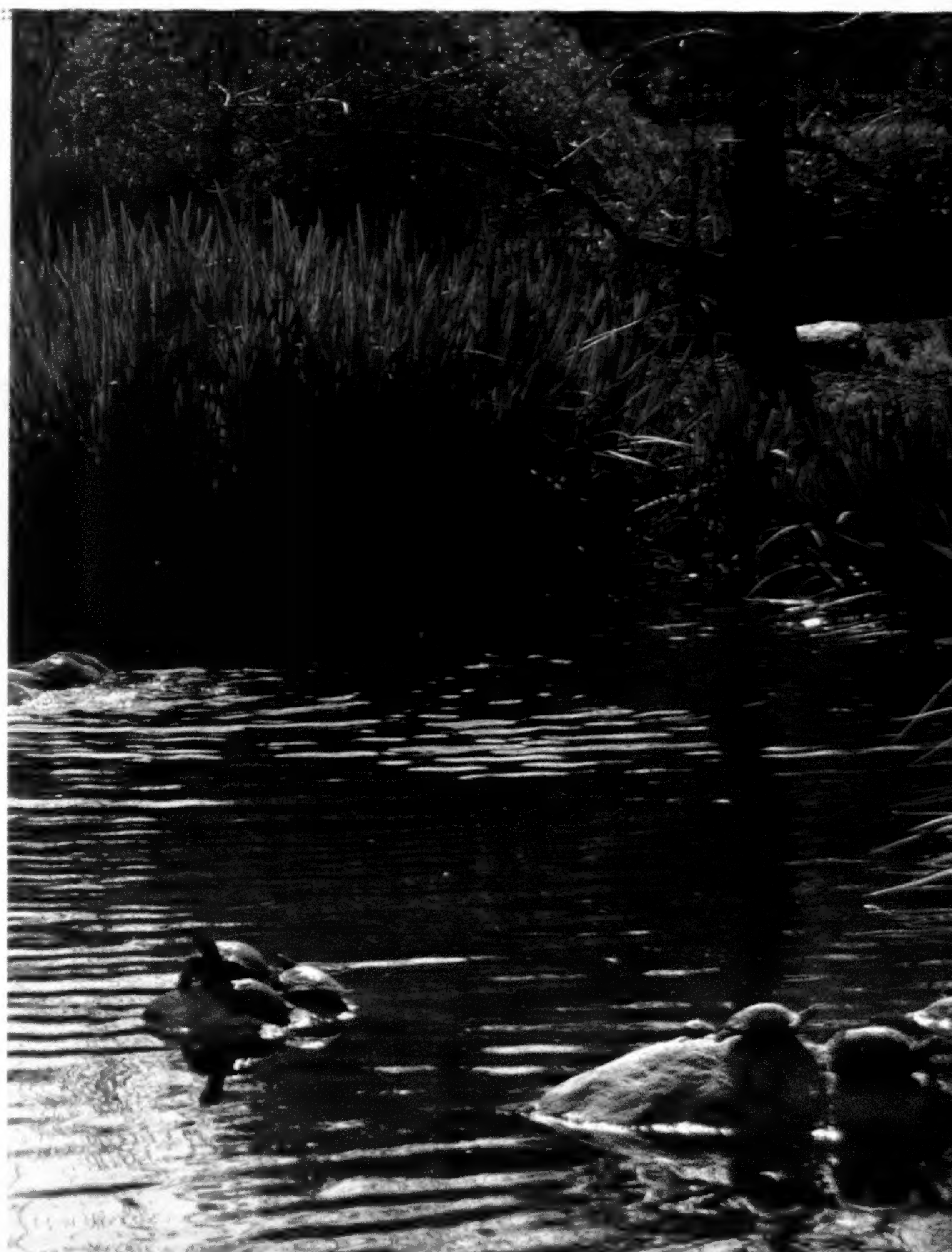
Help us grow—become a member today! Your membership provides free admission to the Arboretum and to over 270 participating gardens around the U.S. and Canada for a full year. You also receive discounts on selected classes, programs and events, as well as on purchases at the Garden and Gift Shop, and at participating nurseries. To become a member, visit [www.arboretum.org](http://www.arboretum.org), or call 626-821-3233.

**MEMORIALS & TRIBUTES**

Support the Arboretum with a special gift for a loved one. You can celebrate the life of a friend or family member in the garden. To make a gift of a commemorative bench or tree in the garden as a memorial or tribute, please call 626-821-3237.

**ESTATE GIFT PLANNING**

You can create financial advantages for you and your family by making an estate gift plan that includes the Los Angeles Arboretum Foundation, a tax-exempt non-profit. By notifying us that you are including the Arboretum in your estate gift planning through a simple will, life insurance or trust, you will become a member of the Samuel Ayres Legacy Society. For more information, please call 626-821-3232.





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



## GARDEN & GIFT SHOP

OPEN DAILY FROM 9AM - 4:30PM

Stop by and discover wonderful plants and gifts.

Members of the Arboretum receive a 10% discount.

### 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 626-802-8471 or [nancy.carlton@arboretum.org](mailto:nancy.carlton@arboretum.org).

### BECOME A DOCENT

No experience is 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](http://www.metro.net)). Bicycle racks are available in the 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 from 9am–4:30pm (Members enter at 8am)

\$8 General Admission; Members Free

\$6 Seniors, Full-time students

\$3 Children 5 – 12

\$4 Tram Ride (weekends only)



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