



# LOTUSLAND

NEWSLETTER FOR MEMBERS  VOLUME II NO. 2  SUMMER 2002

## The Lotus

By VIRGINIA HAYES

LONG REVERED AS A SYMBOL of purity and spiritual transcendence by Hindus and Buddhists, the Asian (or Indian) lotus (*Nelumbo nucifera* ssp. *nucifera* is its botanical name) has been grown in Asia, India, and Egypt for centuries. It also grows naturally throughout Malaysia, New Guinea, and Australia. What many people may not realize is that the American lotus (*N. nucifera* ssp. *lutea*) thrives in similar aquatic habitats all over the eastern half of the North American continent from southern Canada to Florida.

The paleohistory of the lotus is also remarkable. Leaves analogous to those of the modern lotus have been identified in the fossil record from the late Cretaceous period (146 to 65 million years ago). This makes them among the oldest flowering plants still alive (water lilies and a few others of little interest to gardeners are older). The two widely separated areas of its current distribution have been physically divided since early in its history. Movement of the earth's crustal plates created the rift between our modern continents beginning in the Jurassic period (206 to 144 million years ago). So the two subspecies seem to have spent millions of years apart and yet they are still very closely related. The current division of lotus into two subspecies is based on this disjunct distribution, physical differences in flower color and the length of stamens, and by molecular analysis of their DNA.

Lotuses grow in water up to 6 feet deep at the margins of still lakes or ponds and slow-moving rivers.

*Continued on page 2*



VIRGINIA HAYES

*This Asian lotus flower was grown from an 800-year-old seed found in a dry lakebed in China.*

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*Nelumbo nucifera ssp. nucifera* in full bloom at Lotusland in the old swimming pool.

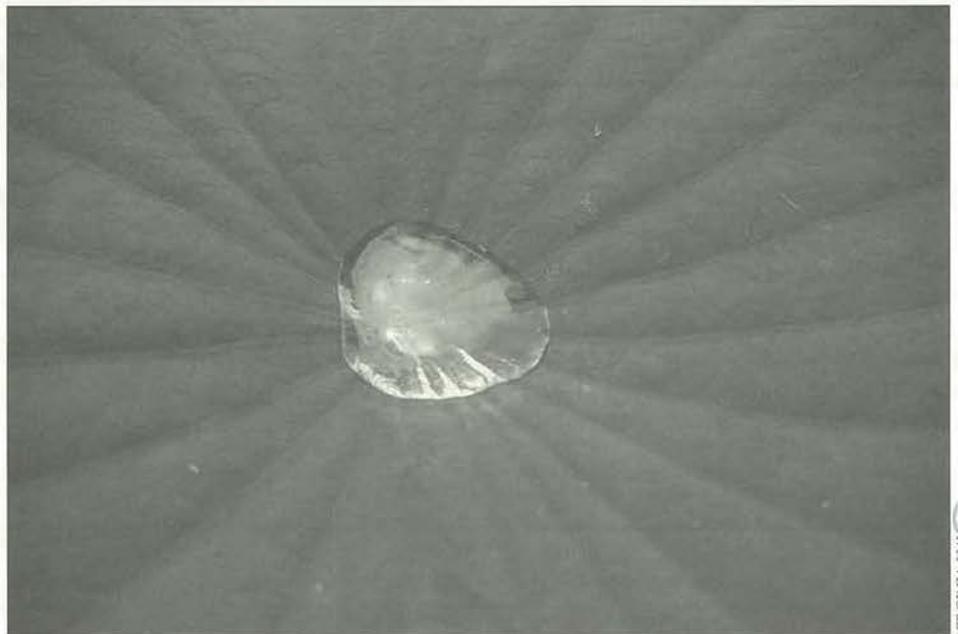
trial. In their watery environment, this serves them well by shedding water and yet retaining just the right amount of moisture in the tissues within. Researchers have discovered that this wax forms a uniquely intricate crystalline pattern that is the most efficient design of its kind yet to be found in nature. In fact, it is so good at shedding foreign material that engineers have modeled a number of protective coatings and fabrics on it for various industrial applications.

Lotus flowers also have some interesting adaptations. Most people are familiar with the broad, cone-shaped "pod" that forms in the center of the blossom and holds the seeds. For a short time when the flower first opens, this structure, along with the stamens and petals, are the source of measurable radiant heat. Through chemical changes within the cells, enough heat is produced to raise the temperature within the flower as much as 18°F above the surrounding air temperature. This phenomenon is

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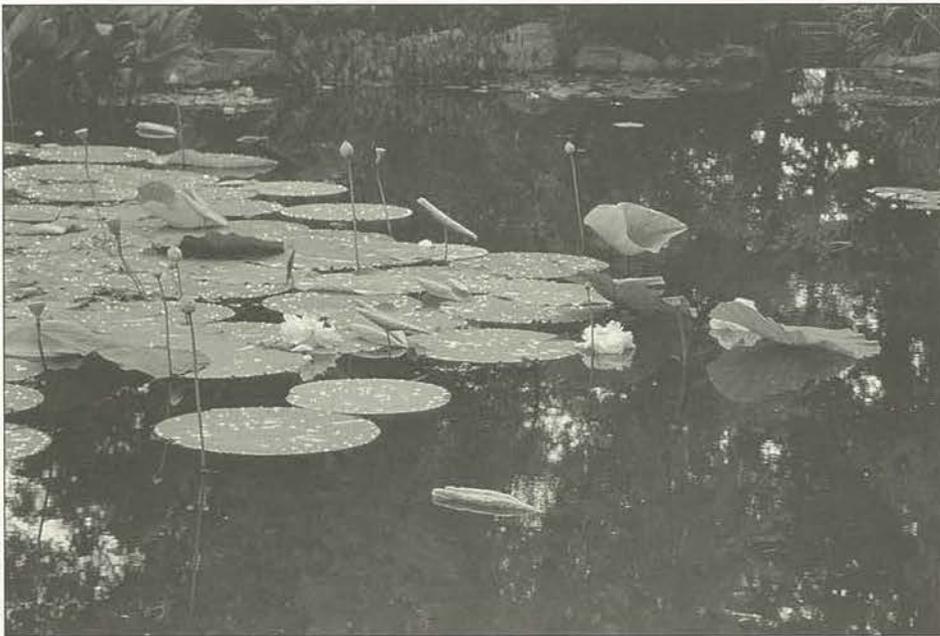
The rhizomes (horizontal stems) of the plant spread along the muddy surface of the bottom of the pond or lake. From them the large leaves (up to 30 inches across) are borne on stout petioles, or stalks, that emerge from the water to a height of three feet or more. Flowers rise up even higher, clearing the leaves, to open in full sun. These flowers are oversized as well and, when fully open, may be more than a foot in diameter.

Besides being quite extraordinary in appearance, the lotus possesses some distinctive and fascinating properties. To start, the surfaces of the leaves are coated with secretions of waxy substances much like many other plants, both aquatic and terres-



VIRGINIA HAYES

*This bead of water slides across the waxy surface of a lotus leaf as smoothly as liquid mercury.*



VIRGINIA HAYES

*Lotus leaves float on the surface of the water early in the growing season.*

not unique to the lotus as it occurs in several other groups of plants, most notably some of the aroids or philodendron relatives. Speculation about the possible function of this adaptation ranges from the obvious role it plays in helping to volatilize the perfume that attracts pollinating insects to actually aiding the insects themselves by warming them up for flight after they spend the night within the closed blossom.

Lotus seeds are getting some attention from researchers these days, too. It has been repeatedly proven through radio carbon dating that viable lotus seeds can persist in old lakebeds for more than a thousand years. These discoveries have been made in China in recent years, and several attempts to actually sprout and grow the plants have been successful. In one instance, of the six

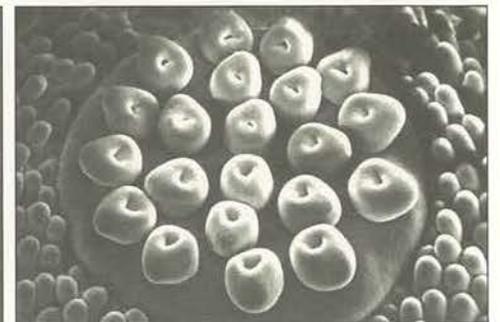
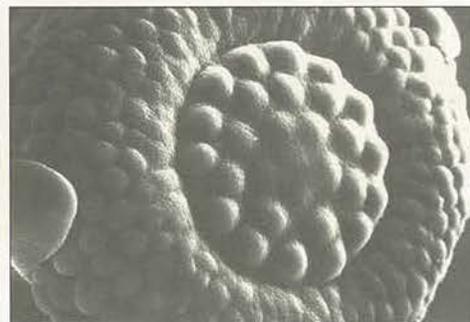
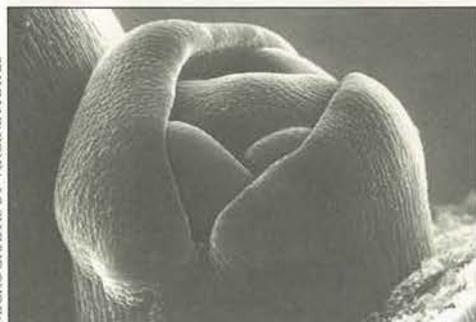
seeds found (from 95 to 1288 years old), two-thirds sprouted and grew. They now grow in the United States Botanic Garden in Washington, DC. Others from different locations are thriving in botanic gardens and nurseries in China and the United States.

As you might expect with a plant that has been around so long, humans have found any number of uses for it. Both the seeds and rhizomes are edible. The rhizomes contain high-quality starch, and the seeds are a source of carbohydrates and protein. Asians and Native Americans eat them cooked fresh or dry them for later use. The large leaves make convenient packaging material for steaming food and, worn upside down on the head, provide an effective temporary rain hat. Some medicinal properties are also ascribed to the seeds. For example,

they are used to “strengthen the spleen and cultivate the heart,” among other things. Because of its long history as a cultivated plant, the assumption has been that the distribution of both the Asian and American subspecies is much larger than it might otherwise have been.

Of course, the exotic beauty and size of the lotus flowers have led to extensive cultivation as ornamentals. The history of hybridization and selection of unique forms of the Asian lotus dates back centuries in China. Records of double-flowering forms are noted in the Wei Jin dynasty (220 to 581 AD) and others grown for their variation in color from the wild type are noted in the Tang dynasty (618 to 907 AD). The lotus flower was revered in Hinduism and subsequently Buddhism as well. As these religions spread throughout Asia, the lotus was carried along with them and introduced to many other countries. Its cultivation continues today, and the number of cultivars now numbers more than 300 in China and Japan. In more recent times, the American lotus has contributed its color to the palette, and hybridizers in the western world, as well as in the east, have introduced many new creations by crossing it with other forms.

*Virginia Hayes has a Master of Arts degree in Evolutionary Biology from the University of California at Santa Barbara. Her thesis on lotus flower development is titled Floral Development of Nelumbo: Micrographic and Statistical Analysis of Variation among Wild-type Flowers and Double Cultivars. She is also the Registrar for cultivars of lotus (Nelumbo) for the International Water Lily Society.*



MICROGRAPHS BY VIRGINIA HAYES

*Scanning electron micrographs show the developing flower bud of a lotus. LEFT: The first petals form at the outer edge of the bud. CENTER: Petals have been removed to show the unique ring of stamens around the carpels. RIGHT: Carpels (ovaries) first develop on the surface of the receptacle.*



# Aquatic Lecture Series

SPONSORED BY SANDRA AND WILLIAM NICHOLSON

THIS SUMMER, LOTUSLAND inaugurates an informative, entertaining lecture series focusing on all aspects of water gardening and the amazing world of aquatic plants. Not only will our cast of talented speakers give you excellent information in their illustrated lectures, but also a variety of demonstrations, handouts, and sales of related items will pique your interest. The lectures coincide with the peak of bloom in Lotusland's water gardens, and there will be plenty of time to stroll around the ponds enjoying these stunning plants.

You may purchase tickets individually for \$30, but you won't want to miss any of these informative sessions. Series passes are available at \$75 for admission to all three events. Reservations are required. Please use the coupon on page 15. Gates open at 1:00 PM, and events end at 4:00 PM.

## FRIDAY, JULY 12 • 2:00 PM *Nuts and Bolts of Designing and Building a Water Garden*

Barbara Dobbins Davies will guide you step-by-step through the process of designing and building a water feature. She will illustrate the range of available options and give you a head start toward realizing your dream pond or fountain, whether you do it yourself or hire a professional. Following the slide lecture, Barbara will present a hands-on demonstration, creating the simplest of all water gardens in a decorative container. Helpful source guides, catalogs, and handouts will be provided, and videos and a range of decorative pots will be on display and available for purchase.

## FRIDAY, JULY 19 • 2:00 PM *Aquatic Plants A-Z*

Virginia Hayes will describe the attributes and requirements of a wide variety of aquatic plants. There are many attractive and interesting species that grow only in or around the water. Virginia will feature all your old favorites and introduce you

to some new ones. Following the illustrated talk, Lotusland staff will answer your specific questions about the care of Lotusland's water gardens as you admire the water lilies and lotuses in bloom. A wide variety of aquatic plants will be on display and available for purchase to take home to your own pond.

## FRIDAY, JULY 26 • 2:00 PM *Pond Biology: Lotus Blossoms to Green Water*

Bob Cummings will lead us beneath the surface of the pond on a tour of the intricate ecology of an aquatic environment. Discover who eats what and whom, why aquatic plants are so special in the plant world, and what we as gardeners need to know to grow them successfully. After the slides, get a closer look at these wonders through Bob's microscope. Also on display (and for purchase) will be Danyel Dean's exquisite ceramic platters made from our very own lotuses. Danyel will describe how she makes timeless pieces of art from the ephemeral leaves.

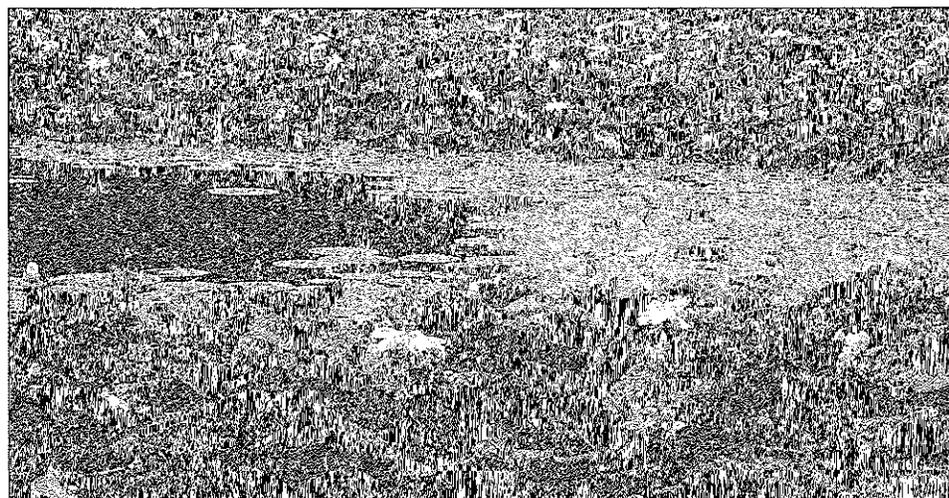
### THE SPEAKERS

Barbara Dobbins Davies founded Santa Barbara Water Gardens and Landscapes, which she owned for a number of years before moving to England to join her husband Ray

Davies in running the largest water gardening center in Europe. She is also past president of the International Waterlily and Water Gardening Society. Now a resident of Cyprus, Barbara continues to write and lecture on water gardens and other horticultural topics worldwide.

Virginia Hayes is currently the Curator of the Living Collection at Lotusland. She got her start in aquatic gardening working with Barbara Dobbins Davies and eventually bought the business (which then became Santa Barbara Water Garden Care). In 1992, Virginia joined the staff at Lotusland, and the water gardening business again changed hands. Virginia continues to consult and lecture on aquatic plants and other gardening topics and authors a popular gardening column in the *Santa Barbara Independent*.

Bob Cummings, Ph.D., teaches botany at Santa Barbara City College (SBCC). His special areas of interest have always been "molds and pond scums." Bob's engaging teaching style and obvious love for the subject make even the most academic material accessible to all. His colleagues chose him as "Faculty Lecturer" of the year in 1992. In addition to his teaching duties at SBCC, he lectures on other botanical topics (especially fungi) to interested clubs and societies.



*Nelumbo nucifera ssp. lutea* nearly covers this stock pond in central Texas.

VIRGINIA HAYES

## Lotusland Welcomes Two New Trustees

LOTUSLAND IS FORTUNATE to have two energetic new additions to our Board of Trustees: Thomas Hugunin and Barbara Siemon.

**Tom Hugunin** and his wife Elenore moved to Santa Barbara in 1980 after Tom retired as President and Chief Executive of Kansas City-based LMF Corporation. An active member of the Kansas City community, he served on numerous corporate and institutional boards



Tom Hugunin

and on building industry-related association boards, including the Southwestern Lumber Dealers Association and Mountain State Lumber Dealers Association. He studied industrial design at the Kansas City Art Institute and was later elected to its Board of Trustees. Tom continued his community involvement in Santa Barbara by serving on the Boards of the Music Academy of the West and Birnam Wood Golf Club. Tom serves on the Lotus Society Committee, and he and his wife are members of *The Lotus Society*.

Trained as a computer engineer, **Barbara Siemon** worked for FLUOR/Daniels Corporation for 15 years in project management. This position gave her the opportunity to live throughout the United States, Europe, and Central and South America. She and her husband, Greg Siemon, are the former owners of Tower Systems International, a mainframe software company based in Orange County. They have lived in Montecito for six years, and Barbara became a Lotusland docent

more than four years ago. She has also given generously of her time by assisting Lotusland in the preservation and restoration of garden and house antiques and by serving on past *Lotusland Celebrates* committees. Barbara plans to continue as an active docent and looks forward to working with the Board of Trustees in furthering the growth of Lotusland's educational and outreach programs.



Barbara Siemon

### SAVE THE DATE

## Lotusland Celebrates Gardens of Enchantment

SUNDAY, JULY 28, 2002 • 4 TO 8 PM

We invite you to support  
*Lotusland Celebrates—Gardens of Enchantment*  
as a Patron Table Host at \$3,000 with ten tickets  
or as a Patron at \$1,000 with two tickets.

Patron Table Hosts and Patrons receive special recognition on the invitation and in the program, if the donation is received prior to our print deadlines.

Invitations will be mailed to all members in mid-June.

Please contact Anne Dewey, Director of Development, at (805) 969-3767, extension 105 for further details.



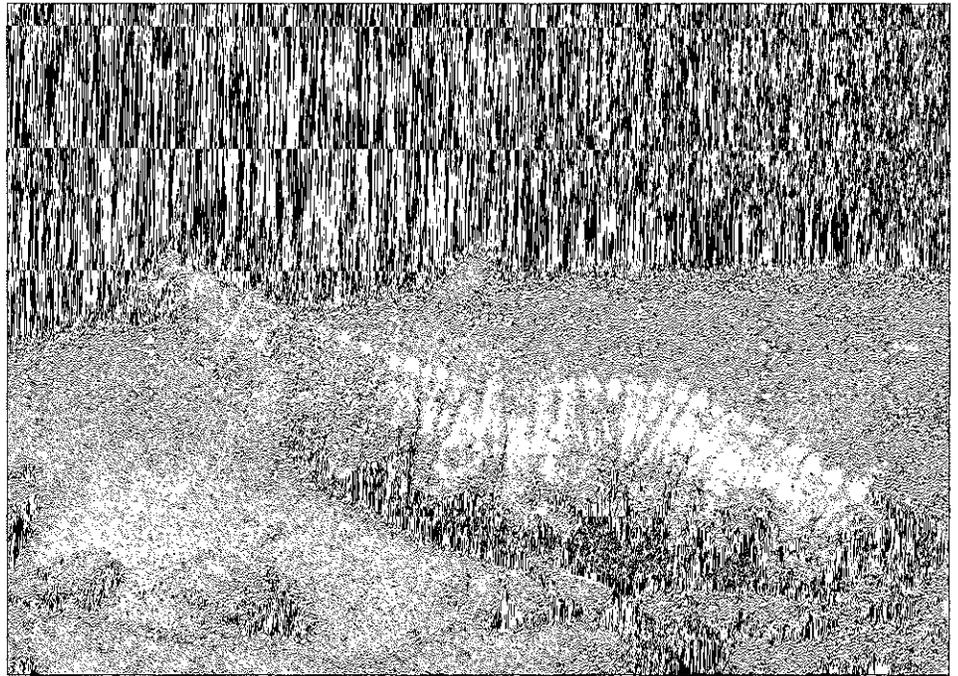


# Lotusland's Best Management Practices for Aphids

IT'S SPRING AGAIN and, for gardeners, that means aphids, small soft-bodied insects that suck plant juices. They reach their highest populations during the moderate temperatures of spring and fall. Aphids comprise several hundred different species and, in addition to the common green ones, come in a variety of different colors.

Gardeners often become alarmed at seeing their first rosebuds of the year covered with these tiny creatures and feel compelled to take action against them. Garden supply centers stock an arsenal of chemical weapons to use against aphids and other insects and will happily sell them to you. Before rushing out and arming yourselves with these weapons of mass insect destruction, stop and consider some reasons why sustainable garden management practices urge you to act in moderation.

Small populations of aphids are generally not serious. Aphids can on rare occasions be a vector for viruses, but in a garden situation that usually



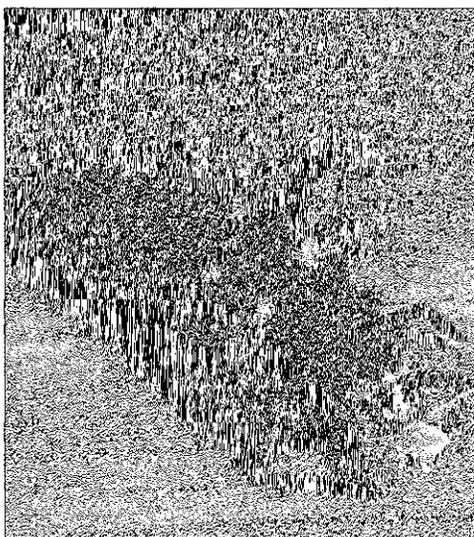
*The Hover Fly (Family Syrphidae) cannot be obtained commercially. The only way you can get this valuable friend to visit your garden is to provide the conditions it likes: sources of pollen and nectar and, of course, no pesticides. On a sunny day the adult can be seen hovering over our garden looking for colonies of aphids to lay her eggs in. Her offspring are often mistaken for caterpillars. A closer look will disclose they are munching on aphids, not leaves.*

is not a concern. They can also be the cause of distortion of leaves or buds, but under normal conditions they cause no permanent harm to plants.

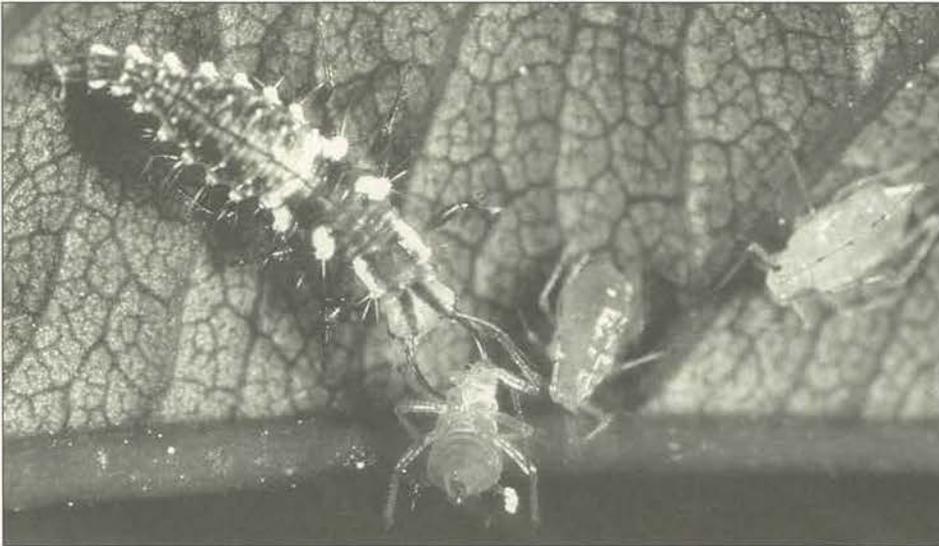
If you surrender to the urge to annihilate these harbingers of spring and spray them with pesticides, you will probably be successful, because most of the chemicals sold for that purpose are very effective. Unfortunately, they will not only kill the aphids, but many of the beneficial insects that feed on aphids as well. Aphid predators always appear on the garden scene after the arrival of the aphids. Pesticides will either kill the predators along with the aphids or eliminate the predators' food source (the aphid). Either way, the end result will be the same: a serious disruption of the garden's insect ecology. Instead of an active insect ecology where the predators keep the aphid numbers low naturally,

pesticide use disrupts the natural balance between friend and foe. Because of their resilience, the aphids, as well as other pest insects, will be quick to re-populate the garden without interference from the beneficial insects, and the use of pesticides will have to be continued throughout the season.

A positive step toward aphid and other insect management is to increase the biodiversity of your garden by planting plants that attract beneficial insects. It is at the larval stage that most beneficial insects consume pest insects such as aphids. The adults rely on pollen and nectar for food. If you provide a source of this food, they will repay you by laying their eggs on aphid and other insect pests. The gallery shown is only a sample of the many insect friends that will help us in our gardens if we create the proper conditions.



*Lady Beetle larvae (Family Coccinellidae) are perhaps the most familiar insect friends in the garden and often the first ones found feasting in colonies of aphids. Lady beetles can be purchased for release in the garden, but are more effective if attracted through offerings of pollen and nectar for the adults.*



Green Lacewing larvae (*Chrysoperla carnea*), sometimes called the aphid lion, are easily attracted to the garden by providing pollen and nectar for adults or they can be purchased from commercial insectaries.

### TO CONTROL APHIDS WITHOUT PESTICIDES

- Tolerate small populations of aphids.
- Wash aphids off with a stream of water.
- Increase the biodiversity of your garden to provide sources of pollen and nectar for the adult beneficial insects.

- If localized to a few tips, brush off by hand or prune off and destroy the clipping.
  - Reduce high levels of nitrogen in the plant by conservative fertilization.
  - Develop a sustainable management program using organic fertilizer.
  - Control ants, as they will actively protect aphids and disrupt biological control.
- John Lafleur



You will never see this most important insect friend, only the evidence of its having been there. The parasitic wasps lay their eggs inside the aphids. The eggs hatch and the wasp larvae begin to feed on the insides of the aphids, eventually killing them. After pupating, the new adult wasps emerge from the aphid mummies by cutting a characteristic trap door, escaping, and the whole cycle repeats itself.

## New to the Collections



*Chamaedorea metallica* pistillate plants, cultivated in California, from the Los Angeles research collection.

LOTUSLAND RECEIVED an unexpected windfall of *Chamaedorea* palms early this year. The palms comprise the research collection of Dr. Don Hodel, the leading researcher for this genus, who has literally “written the book” on *Chamaedorea*. Until now, the collection has been growing at the Virginia Robinson Gardens in Beverly Hills. Due to economic and space constraints, the palms needed a new home, and Lotusland is grateful to have been approached by Hodel as a suitable recipient for this important collection. The collection represents about half the known species of *Chamaedorea*, which grow in tropical forests from Mexico through Bolivia.

Hodel acquired plants and seeds through many visits to Central and

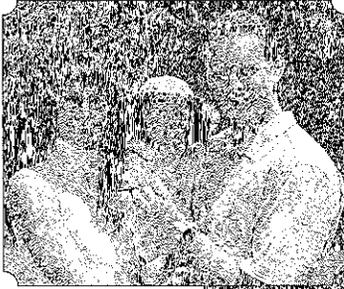
South America spanning more than a decade. The species received are, of course, too numerous to mention here (43 known and several unidentified to date), but substantially increase the diversity of Lotusland’s collection. Since all were wild-collected and data on their origin has been incorporated into the record, they are of particular scientific value. In many instances, specimens from throughout the range of a species were collected, representing the genetic and morphological diversity within the species. In all, 329 new plants have joined the ranks. All are readjusting nicely in the nursery and will eventually move into the garden for the enjoyment and education of everyone.

—Virginia Hayes

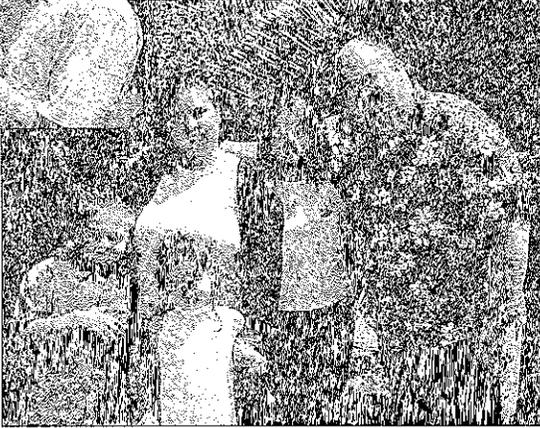


# Members' Family Day April 20, 2002 P

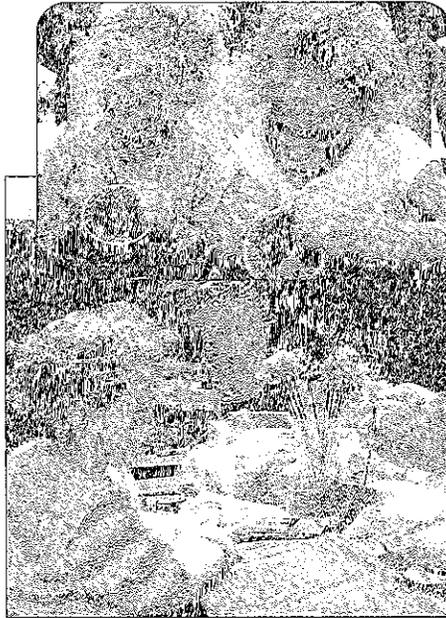
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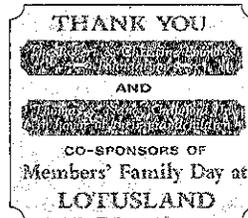
A Crawford grandchild, Carter Adams, is pictured with his parents, Susie and Rob. Tommy and Nancy Crawford came with their children Thomas, Lauren and Candice.



Young guests look intently at a caterpillar in the Butterfly Garden. Displays depict the life cycle of the butterfly.



Two young gardeners paint pots at the Horticultural Hut. Volunteer Jane Copelan helps a young guest make paper flowers at one of the arts and crafts tables.



A banner thanking our co-sponsors was hung at Members' Family Day.



"Plant Magic in the Garden" was the theme for this year's mural. Artist Gail Lucas created the whimsical drawing for visitors to paint.



Mark Collier's Magic Show in the Theatre Garden was popular with visitors of all ages.



# It Magic in the Garden—A Huge Success!

OLAS & NANCY CRAWFORD JR. IN HONOR OF THEIR GRANDCHILDREN



girl with a painted spider on her face was needed to choose the winner the \$1,000 gift basket. One magically appeared, assisted by Anne ewey, Director of Development.



Angie Lawson was kept busy all day transforming guests with her talented face painting.



The arts and crafts tables were full of activity as visitors of all ages created sculptures from dried plant material found at Lotusland. Finished crafts were taken home in bags decorated with "bug" stamp art.



Three generations enjoy a picnic on the lawn. Young visitors admire the cake, decorated with a wizard and a dragon, just before it was cut and served to all.



layers showed their skill at tossing plastic netles in the "Lotus Love" water game.

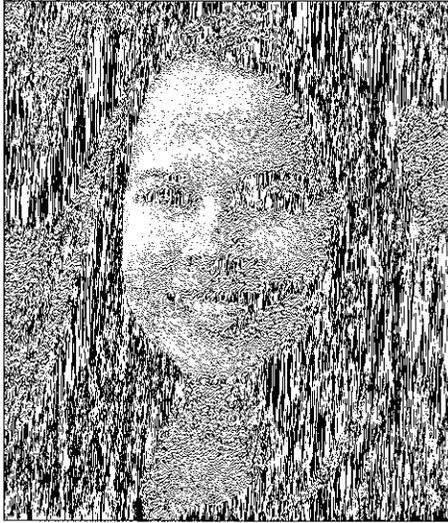


Choosing from among the fabulous array of dress-up costumes was almost as fun as posing for a photograph by Bob DeBris. Guests took the "silly souvenir photos" home to remind them of this magical day.





# Volunteer Profile: Jane Copelan, Dream of a Docent



WM. B. DEWEY

JANE COPELAN had driven past Lotusland many times and always wondered what was on the other side of that pink wall. The opportunity presented itself in August of 1997, when she attended a tea for prospective docents. Jane felt so comfortable at Lotusland, as if her presence in the garden "was meant to be," that she decided being a docent would be an excellent way to spend more time in the garden.

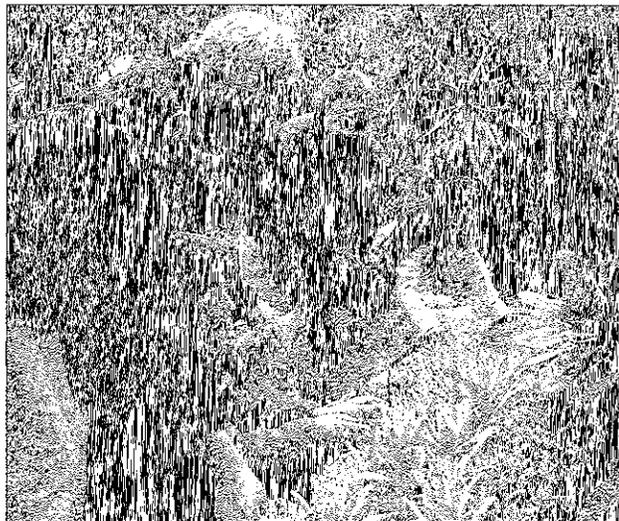
After completing docent training, Jane was one of a handful of docents who helped launch the Fourth Grade Outreach program in spring of 1998. Her dedication and enthusiasm, combined with the practical advice she gives concerning many program elements, make her an indispensable part of the Outreach team. She says that after giving a tour, she "feels about a foot taller."

Jane attended school in Kentucky where her dad is an orthopedic surgeon for racehorses. Being somewhat of a '70s "rock and roll" trivia buff led her to managing record stores in Columbus, Ohio, Santa Fe, New Mexico, and Los Angeles. Her Santa Fe connection was the inspiration for her establishing the original Zia Café in Santa Barbara in 1985,

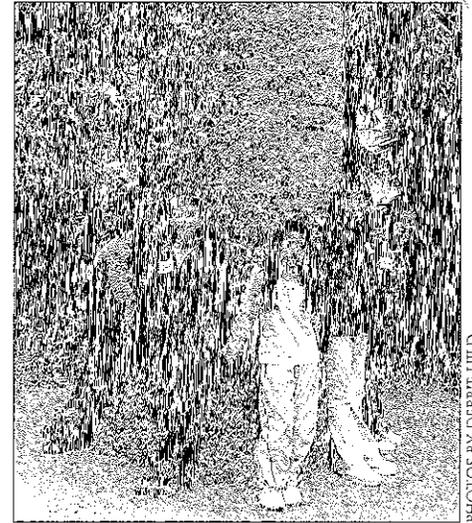
with its unusual and popular blue corn tortillas. She has since sold the restaurant, which gives her time to devote her creative energies to volunteer and philanthropic efforts in Santa Barbara and elsewhere.

After losing her brother to the AIDS virus in 1985, Jane was instrumental in enabling "Project Open Hand" in San Francisco to expand its efforts. "Project Open Hand" delivers "meals with love to people with AIDS." Thanks to generous donors, they now have a spacious building with a large kitchen, and more than 2,000 meals each day are delivered to AIDS patients. Jane was asked to speak on behalf of the donors at the dedication ceremony for the new building, and she has a plaque in her honor. Without revealing the wording on the plaque, she says it has the desired effect of making people laugh when they read it. Making people laugh is one of Jane's most endearing qualities, and she is so good at it!

In addition to giving so generously of her time and energy to Lotusland, Jane has found time to volunteer for the "Adult Literacy Program" and "Meals on Wheels." She was also a participant in the 18th Annual International AIDS Candlelight Memorial when the



Students enjoy touching the fuzzy "Panda Plant" (*Kalanchoe tomentosa*) for a true hands-on experience.



PHOTOS BY DEBBIE HILD

*The Chilean Wine Palm (*Jubea chilensis*) has the largest circumference of any palm—Jane helps students embrace the concept.*

AIDS Memorial Quilt came to Santa Barbara in May of 2001 and was one of five keynote speakers at the event.

Whether it's preparing the volunteer newsletter *Lotus Notice* for mailing, stuffing envelopes for the Development Department, greeting guests at *Lotusland Celebrates*, serving on various committees, giving classroom presentations, or conducting tours for children or adults, Jane's enthusiasm and fun-loving spirit make it a pleasure to work with her. Her favorite volunteering stint is Members' Family Day, and she says,

"It is a thrill seeing people enjoying the garden in a more casual setting, with kids running around involved in different activities." Jane is "mom" to two dogs, Luna and Bailey, and her only regret on Members' Family Day is that she can't bring them with her to enjoy the festivities.

Thank you, Jane, for giving so much of yourself to Lotusland. Your combination of wit, wisdom, and just plain hard work make you a wonderful asset to the garden. You are a definite "keeper."

—Connie Buxton



# The LOTUS SOCIETY

## SHERRY GILSON: TEACHING IN LOTUSLAND'S OUTDOOR CLASSROOM

SHERRY GILSON has been a Santa Barbara resident since 1962, when she came to study at UCSB. However, she didn't find out about Lotusland until 1995.

"I read about Lotusland's docent training program in the *Santa Barbara News-Press* and enrolled that fall," she recalls. "Although I had been



Sherry Gilson

W.M. B. DEWEY

working for some time as a realtor with Coldwell Banker, my background was elementary education, and I had taught in the Goleta School District after getting my teaching credential and later my M.A. in Confluent Education. Participating in Lotusland's docent program allowed me to give back to the community while still pursuing my realty career."

Sherry enjoyed her docent experience so much that she volunteered for a new Lotusland program in 1998: fourth grade educational outreach. "I found this was a great way to make use of my teaching skills in the wonderful outdoor classroom of Lotusland's gardens," she explains.

Sherry was one of the first to suggest that we start a planned giving recognition program as a way to assure Lotusland's future. "When I received *The Lotus Society* information, I really felt my idea had borne fruit and was glad to let you know that I'd already provided for Lotusland in my will." Thank you, Sherry—for your vision, for volunteering your time, and for helping open young children's eyes to the beauty of the natural world through Lotusland.

To learn more about *The Lotus Society*, please contact Lotusland's Director of Development, Anne Dewey, at (805) 969-3767, extension 105. She can tell you about the many ways to ensure Lotusland's future through a planned gift and the benefits of joining *The Lotus Society*.

—Steven Timbrook



LIFETIME MEMBERSHIP in *The Lotus Society* is for those who contribute \$10,000 or more to the Endowment Fund as an outright or estate-planned gift.

We are grateful to the following new members for their far-sighted support of Lotusland's vision.

Anonymous

Carrie Belle McFie  
in memory of Milbank McFie

## JUMP INTO OUR POOLED INCOME FUND— THE EARNINGS ARE FINE!

BY COMBINING or "pooling" your gift with other donors' gifts, Lotusland's Pooled Income Fund gives you a way to enjoy a dependable income for life and receive major tax advantages.

Managed by Merrill Lynch, the Fund typically provides a higher rate of return than most conservative investments: 5.2% for the last 12 months. By investment philosophy, it is protected from wild market fluctuations. You receive pro-rated life-long income, based upon the Fund's current rate of return and your "units of participation" in the Fund.

If you contribute appreciated securities held a year or longer, you bypass the capital gains you would pay if you sold the assets yourself. Another "win-win" aspect of your gift is that you receive an immediate income tax deduction for a substantial part of your contribution.

Most importantly, you will benefit Lotusland. Quarterly income distributions from the "pool" are paid to you and/or other designated beneficiaries for life. Then the balance remaining is transferred to Lotusland to support sustainable care of the gardens and our horticultural and environmental education programs.

For more information and a free, personal example of how a Pooled Income Fund arrangement may benefit you, please contact Anne Dewey, Director of Development, at (805) 969-3767, extension 105.

—Sally Walker





## We're at Your Service

ON APRIL 24TH, the Santa Barbara County Planning Commission held a required compliance hearing and found Lotusland in compliance with all the conditions of the Conditional Use Permit under which we operate. The commission also granted the Foundation permission to implement the second phase of the already approved permit. Phase II raises the limit on visitors to 15,000 per year (1,500 more than Phase I) and expands Lotusland's third special event to 500 guests in no more than 200 cars (the same level as our other two special annual events).

Lotusland has worked hard to comply with all of the county's conditions of approval, and we are grateful to our members and guests for helping us by making advance reservations and observing the restrictions on visitors and vehicles when visiting.

Our Public Programs Department provides the staff and expertise to make a seamless increase from 13,500 to 15,000 visitors per year possible.

As Director of Public Programs, **Connie Buxton** oversees the Volunteer and Education programs and the Visitor Services Office.

**Debbie Hild** is Volunteer Coordinator and Education Assistant.

In addition to overseeing our large volunteer corps and volunteer database, she assists with workshops and lectures, helps coordinate the Fourth Grade Outreach program, and produces the bi-monthly volunteer newsletter, *Lotus Notice*.

**Lynn Kirby** tends the insectary/butterfly garden and assists with the Fourth Grade Outreach Program by giving presentations to school groups on the life cycle of the monarch butterfly, complete with take-home chrysalises.

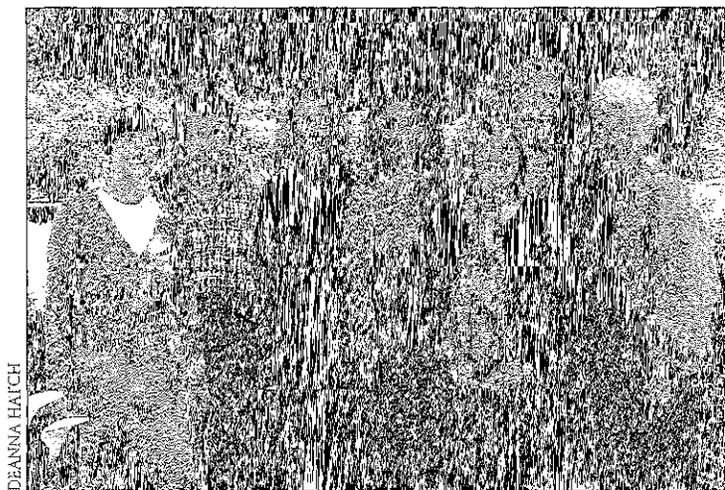
**Gail Lucas** and **Tiffani Manley** are Kiosk Attendants, greeting visitors and docents as they arrive in the garden. They work closely with Visitor Services to facilitate the smooth operation of public tours.

**Madeline Petrini**, our veteran Visitor Services Assistant, was recently joined by two new employees, **Patty Jacquemin** and **Dorothy Shaner**, who share a position as Visitor Services Assistants. Their duties include taking reservations for tours from members and the public, arranging special group visits, scheduling docents for public tours, and troubleshooting any Visitor Services-related issues as they occur.

Patty Jacquemin has lived in Champaign, Illinois, St. Louis, Mis-

souri, where she received a teaching credential from Fontbonne College, and Los Angeles. When she moved to Santa Barbara in 1997, her real estate agent (a Lotusland docent) knew Patty loved gardening and recommended that she join the Docent Training Class. An active community volunteer, Patty's other involvements include Santa Barbara Newcomers Club, Community Arts Music Association Women's Board, Pearl Chase Society historic house tours, CALM design house, and American Institute of Wine and Food Board of Directors. Patty has two sons, Chris and Brian, who live and work in Los Angeles.

A Los Angeles native, Dorothy Shaner attended Cal Poly in San Luis Obispo where she met her husband, Stan. After living in Long Beach for 15 years, the Shaners and their four children moved to Santa Barbara in 1999, and Dorothy joined the Lotusland Docent Training Class that same year. In addition to leading docent tours, she helps facilitate the Fourth Grade Outreach Program. Dorothy is very active with her children's activities, including the PTA, and also finds time to be a member of the Community Arts Music Association Women's Board.

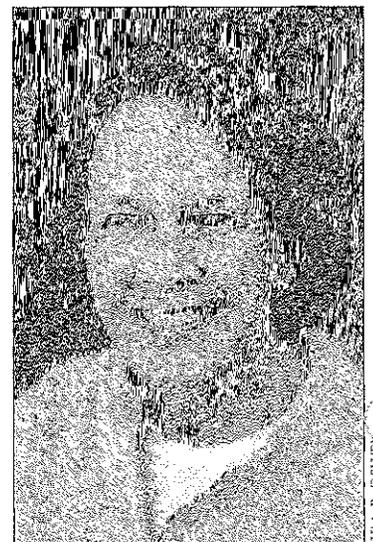


DEANNA HATCH

Public Programs staff members are, LEFT TO RIGHT: Tiffani Manley, Lynn Kirby, Connie Buxton, Debbie Hild, Gail Lucas, Dorothy Shaner, and Madeline Petrini (NOT PICTURED, Patty Jacquemin).



Dorothy Shaner



WM. B. DEWEY

Patty Jacquemin

# Friends of Lotusland

We Welcome New Members Who Joined in February, March and April 2002

## PARDON OUR CONFUSION!

WE MAY HAVE CONFUSED YOU with our new levels of membership—we realized how confused you might be, when we noticed we were confused. Are you following?

*Our membership program began with these levels: Last year we changed the levels to:*

Level I	\$40	Level I	\$50 (\$10 INCREASE)
Level II	\$100	Level II	\$100 (NO CHANGE)
Level III	\$500	Level III	\$500 (NO CHANGE)
Level IV	\$1000	Level IV	\$1,000 (NO CHANGE)
Garden Benefactor	\$5,000 & ABOVE	Garden Patron (AKA LEVEL V)	\$2,500 (NEW LEVEL)
(AKA LEVEL V)		Garden Benefactor (AKA LEVEL VI)	\$5,000 & ABOVE (NEW LEVEL #)

In other words, the old Level V was \$5,000 and the new Level V is \$2,500. Therefore, we have renamed our \$2,500 level "Garden Patron" and our \$5,000 level "Garden Benefactor." I hope this helps, and I apologize for any confusion this has caused. Please call Anne Dewey, Director of Development, 969-3767, extension 105 if you have any questions or if you would like to recommend a creativity consultant!

### LEVEL I

Mr. Jim Agnew  
 Mr. David Aurell & Mrs. Olga Geczy-Aurell  
 Mr. Mike Avenali  
 Ms. Linda Banner-Bacin  
 Mr. & Mrs. Steve Barrett  
 Mrs. Angelika Berger  
 Ms. Michelle Berger  
 Mr. Rick Bernardi  
 Ms. Laura H. Bissell  
 Dr. Joan Bowman  
 Mr. & Mrs. Tom Brandt  
 Mrs. Charlene Brannan  
 Mrs. Patti Bryer  
 Ms. Kathy Cain  
 Ms. Claudia Canaris  
 Ms. Gianna Carotenuto  
 Mr. & Mrs. Ric Castile  
 Mr. Phil Cohen  
 Mrs. Sheila Collier  
 Mr. & Mrs. Alfred Contarino  
 Mr. & Mrs. Steve Coombs  
 Ms. Jan Cooper  
 Mrs. Robert Cooper  
 Mr. George L. Cushing  
 Ms. Toni D'Anca  
 Ms. Kathleen M. Dagg &  
 Mr. Richard Weger  
 Ms. Kimberly Daly  
 Mr. & Mrs. Tom Deppmeier  
 Helen Desmond, Ph.D.  
 Mr. & Mrs. Paul Dipp  
 Mr. & Mrs. Sanford Drucker  
 Ms. Ingeborg Eckert  
 Mr. & Mrs. Edwin Edwards  
 Ms. Cheryl Einsele  
 Mr. & Mrs. Michael Ellis  
 Mrs. Deborah Esser  
 Ms. Lorelei Evans  
 Mr. James O. Fanning  
 Ms. Deborah Fitzgibbons

Ms. Mary Flynn  
 Mr. & Mrs. Steve Forsell  
 Ms. Sophie Fujioka  
 Mr. Steve Giacomini  
 Ms. A. Glomb  
 Ms. Waltraut Gramont  
 Ms. Jean Greek  
 Mrs. Renate Gunen  
 Ms. Mary Haggerty  
 Mr. & Mrs. Martin Hall  
 Mr. & Mrs. Porter Halyburton  
 Ms. Danute Handy  
 Dr. Irene Harwood  
 Ms. Lisa Haun  
 Mr. Jim Heinrich  
 Mrs. Patsy Hirsch  
 Mrs. Terri Hourigan  
 Mrs. Libby Huff  
 Mr. Patrick Ingersoll  
 Mrs. Katherine Isaacson  
 Mrs. Joseph E. Jannotta  
 Ms. Freida Jensen  
 Mr. Ronald W. Jones  
 Ms. Beverly Jump  
 Mr. & Mrs. Paul Lehrer Kennedy  
 Mr. & Mrs. Tim King  
 Ms. Michelle Knab  
 Ms. June Knack & Mr. Al Kazarian  
 Dr. & Mrs. Ernest Kolendrianos  
 Ms. Deborah Kopka  
 Mr. & Mrs. Phil Kryder  
 Mrs. Diane Kuntz  
 Dr. Patricia Lafferty  
 Mr. Eric R. Leach  
 Miss Chris N. Leth  
 Mr. & Mrs. Jess Levine  
 Ms. Julia Liebeskind  
 Mr. Jack Lindahl  
 Mr. & Mrs. Mike Littlejohn  
 Ms. Theresa Luarsen  
 Ms. Diana Lundin  
 Mr. & Mrs. Mike Mallen

Ms. Raulee Marcus  
 Mr. & Mrs. Frank Matsuno  
 Mr. & Mrs. Douglas McAvoy  
 Mr. Lee McCarthy  
 Ms. Frances McCuthon  
 Ms. Dottie Milici  
 Ms. Macy Milligan  
 Mrs. Teresa Mitton  
 Mr. & Mrs. David Morris  
 Mrs. Ruth Mullen  
 Ms. Deborah Musikar  
 Ms. Jill Nelson  
 Mr. & Mrs. Tom Nielsen  
 Mr. & Mrs. Keith Nolan  
 Mr. & Mrs. John O'Hara  
 Ms. Janet O'Neill & Mr. Gordon Furman  
 Mr. & Mrs. Clair Parker  
 Mr. & Mrs. Sumeet Pasricha  
 Mr. & Mrs. A. Pearlman  
 Ms. Amanda Pelch  
 Mr. & Mrs. Peter Pellerito  
 Mr. & Mrs. Martin Perellis  
 Mrs. Jean Perrett  
 Ms. Joan Peters & Mr. Peter Passell  
 Mrs. Giedre F. Petraitis  
 Dr. Geoffrey Phillips  
 Mr. & Mrs. John Pillsbury III  
 Mr. Stephen Poe  
 Mr. & Mrs. Keith Porter  
 Mr. & Mrs. Robert Pritikin  
 Ms. Augusta Quirk  
 Ms. Francine G. Rickett  
 Ms. Riana Robert  
 Ms. Peggy Roberts  
 Mr. & Mrs. Rick Roney  
 Mr. & Mrs. Gary Rosenberg  
 Ms. Phyllis Ross  
 Mr. & Mrs. Louis N. Rowell  
 Mr. & Mrs. Lester Salt  
 Mr. & Mrs. William Schindele  
 Mrs. Valerie Schmidt  
 Mr. & Mrs. Michael J. Schneider



### LEVEL I CONTINUED

Mr. & Mrs. Richard Schroeder-DeMornay  
 Mr. & Mrs. Stan Segal  
 Mrs. Lynne Shapiro  
 Ms. Tokie Shynk  
 Mrs. Barbara Siegel  
 Mr. & Mrs. Craig Simmons  
 Mr. Michael Sinnen  
 Ms. Jo Ann L. Smith  
 Ms. Asherah Somerset  
 Mr. & Mrs. Gary Sparks  
 Mrs. Irene C. Stanton  
 Mrs. Martha Stanz  
 Ms. Mary Stettner  
 Mrs. Amanda Stimson  
 Mrs. Diane Stribley  
 Ms. Jean Svoboda & Mr. Dale Rhymer  
 Mr. & Mrs. Robert Thornburgh  
 Ms. Karen Tompkins  
 Mr. John V. Toomey  
 Mr. & Mrs. Davis Trichler  
 Ms. Alexis VanNatta &  
 Ms. Dyanna Cridelich  
 Mr. & Mrs. Mitch Voss  
 Ms. Amy Warner  
 Mr. and Mrs. Howard Weinberg  
 Ms. Jeri Weiss & Mr. Walter Baer  
 Ms. Dianne White  
 Mrs. Magdelene S. White  
 Ms. Roxanne White  
 Ms. Jennifer Whitney & Ms. Megan K. Hey  
 Mrs. JoAnn Williams  
 Mr. & Mrs. Dale Wilson  
 Ms. Stephanie Yates  
 Mr. Robert Yellen

### LEVEL II

Mrs. Claire Ann Arnold  
 Ms. Barbara Barr  
 Mr. & Mrs. Joe Bear  
 Ms. Antoinette Bill  
 Dr. & Mrs. Alan Blanc  
 Mr. & Mrs. Stephen Block  
 Mr. & Mrs. Victor Bradley  
 Ms. Stacy Broda  
 Mr. & Mrs. Roderick Camp  
 Mr. & Mrs. Terry Cedar  
 Ms. Margaret Dodd  
 Ms. Sarah Fangman  
 Ms. Jeanne Fenci  
 Ms. Mary Ellen Fisenne &  
 Mr. Marshall Waller  
 Ms. Stephanie Freeman &  
 Ms. Yvonne Courtenaye  
 Ms. Laura Haston & Mr. Frank Davis  
 Mr. & Mrs. Thomas Hickey  
 Ms. Andrea Hrusovsky  
 Mr. & Mrs. Jeff King  
 Ms. Mary Jane Leone &  
 Mr. Michael Cowan  
 Dr. & Mrs. Jack Love  
 Mr. & Mrs. Matthew Lux  
 Ms. Meggan Malony & Mr. Jason Rick  
 Mr. Scott McGilvray  
 Mr. & Mrs. Richard Medress  
 Mr. & Mrs. Ivan Momtchiloff  
 Mr. Tim Morgan  
 Mr. Michael R. Mularky  
 Mr. & Mrs. Dennis Muraoka  
 Mr. & Mrs. Richard B. Nahas  
 Mrs. Annette Parks

Mr. & Mrs. Stanley Parsons  
 Mr. & Mrs. Passy-Hahn  
 Mr. Charles Perdido  
 Mrs. Linda Perkins  
 Mr. & Mrs. Edgar Peyronnin  
 Mr. & Mrs. William Ramsay  
 Ms. Trish Reynales  
 Mr. & Mrs. Richard Ring  
 Mr. & Mrs. Gary Rolle  
 Mrs. Letty Rosellinsky  
 Mr. & Mrs. Rick Rosenbloom  
 Ms. Jeannette Scott  
 Ms. Mary Ann Scott  
 Mr. & Mrs. Matthew Scribner  
 Mr. & Mrs. Ronald Stein  
 Mrs. Alice Stephenson  
 Mrs. Arlene Tate  
 Mr. & Mrs. John Tynan  
 Mr. & Mrs. Ron Williams  
 Mr. & Mrs. Scott H. Williams  
 Dr. & Mrs. Phillip Wyatt  
 Mr. & Mrs. Robert Zemeckis

### LEVEL III

Miss Sandra L. Church  
 Mr. & Mrs. Christian Heyer  
 Mrs. Sheri Soffici  
 Mr. & Mrs. David Wolf

### LEVEL IV

Ms. Julie Harris &  
 Mr. Russell Ghitteman  
 Mr. Walter Iberti & Family  
 Ms. Frances E. Kent  
 Mr. Don Nuly & Family

## Lotusland Gratefully Acknowledges Donations

February, March and April 2002

### GENERAL

Mr. & Mrs. Patrick Connelly  
 Mr. & Mrs. Michael Ellis  
 Green Building Alliance,  
 Ms. Jessica Helgerson  
 Mr. & Mr. Lee Jansen  
 Mr. & Mrs. Mike Mallen  
 Mr. Ronald D. Nelson  
 Ms. Sally Nordstrom  
 Mr. James S. Rosenfield  
 Richard Schulhof, Executive Director  
 of Descanso Gardens  
 Ms. Sally Spencer  
 Dr. Bruce Tiffany's  
 UCSB Creative Studies Class  
 Shirley A. Toepfner  
 in memory of Jack Mahoney  
 Mrs. Frank G. Wageman

### EDUCATIONAL OUTREACH GRANT

William E. Weiss Foundation

### LANDSCAPING

Ms. Alice Thompson III

### HONORING

Constance Collins of  
 The Royal Oak Foundation  
 honoring Barbara Siemon & Art Luna  
 Ms. Jane McCullagh  
 honoring Richard Riffero  
 Ms. Nancy Ellen Priest  
 honoring docent Ann Wilson  
 The David Taylor Family  
 honoring Curator Virginia Hayes  
 Ms. Ruth S. Taylor  
 honoring Mr. Michael Keegan  
 Ms. Dianne White  
 honoring Faye Hampton  
 Orange County Philharmonic Society  
 LA Casa Committee  
 honoring Curator Virginia Hayes'  
 presentation and tour

### ROSE GARDEN

Mrs. Rowe Giesen  
honoring Carol Valentine

### PLANTS

Mr. & Mrs. Chuck Kaye

### GLASSHOUSE REPLACEMENT GRANT

Dan Murphy Foundation  
Harold Simmons Foundation

### ENDOWMENT

Dr. & Mrs. John Kelly  
Mr. A. A. Milligan

### MASTER SITE PLAN GRANT

The Towbes Foundation

### 2001 ANNUAL APPEAL

### GENERAL

Mr. & Mrs. Ray Hester

### MEMBERS' FAMILY DAY RAFFLE ITEMS

Ella Brittingham  
Merryl Brown

## Ganna Walska Lotusland Registration Form

PAYMENT METHOD:  Check enclosed  VISA  MasterCard Expiration date \_\_\_\_\_

Card number \_\_\_\_\_ Signature \_\_\_\_\_

Member name \_\_\_\_\_

Address \_\_\_\_\_ Phone \_\_\_\_\_

*One member pass may be used as partial payment for any of these events.*

*Fees are refundable only if cancellation is received one week before class or lecture.*

*If minimum enrollment is not reached, classes and lectures may be canceled. No phone reservations, please.*

Mail to: Ganna Walska Lotusland, Attn: Member Events, 695 Ashley Road, Santa Barbara, CA 93108

### Everyman's Guide to Sustainable Gardening

10:00 AM TO 4:00 PM

\$50 • INCLUDES LUNCH

Saturday, June 15 No. of people attending \_\_\_\_\_ Total \$ \_\_\_\_\_

### Aquatic Lecture Series

2:00 PM TO 4:00 PM

\$30/individual lectures • \$75/series of all three lectures

Friday, July 12 No. of people attending \_\_\_\_\_ Total \$ \_\_\_\_\_

Friday, July 19 No. of people attending \_\_\_\_\_ Total \$ \_\_\_\_\_

Friday, July 26 No. of people attending \_\_\_\_\_ Total \$ \_\_\_\_\_

SERIES OF ALL THREE LECTURES No. of people attending \_\_\_\_\_ Total \$ \_\_\_\_\_

## Members Who Have Increased Their Level of Support

February, March and April 2002

### LEVEL II

Mr. & Mrs. Thomas Bortolazzo  
Dr. & Mrs. Ted Chaffee  
Mr. & Mrs. Philip J. Conley  
Ms. Mary Anne Donner  
Mr. & Mrs. Jerry Haber  
Mr. & Mrs. William Jacks

### LEVEL III

Dr. Eric H. Boehm  
Mr. & Mrs. Timothy Casey  
Mr. & Mrs. Richard Dallett

## 2002 Member Events

MANY LOTUSLAND EVENTS are open to non-members, so please let your friends and neighbors know about the great activities we offer. Children are welcome at many events, and Family Tour days have been expanded to include every Thursday and the second Saturday of each month (see the last item in the listing). We hope you continue to enjoy the year 2002 at Lotusland.

### Saturday, June 8

*Summer Garden Tour for Members*

9:00 AM-4:00 PM

Private gardens tour with Lotusland's Curator of the Living Collection, Virginia Hayes. Includes lunch. Members \$85; non-members \$95.

### Saturday, June 15

*Sustainability Workshop for Members*

10:00 AM-4:00 PM

This hands-on workshop will be an "everyman's guide" to sustainable landscaping. Participants will learn how to incorporate sustainable landscape practices into their own garden maintenance and let nature do the work for them. Please use the coupon above to sign up.

Friday, July 12, 2:00 PM

Friday, July 19, 2:00 PM

Friday, July 26, 2:00 PM

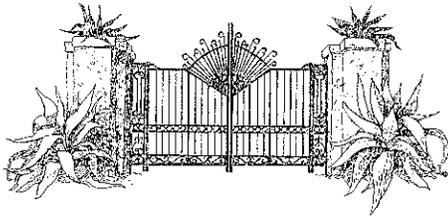
*Aquatic Lecture series*

A new lecture series, featuring talks on several aspects of water gardening and the practicalities of growing aquatic plants, will be inaugurated this summer. The series coincides with the peak of bloom in Lotusland's own water gardens. Gates open one hour before the lectures begin to allow guests to view the lotuses and water lilies in their prime. Admission is \$30 for individual lectures and \$75 for the series. Please use the coupon above to sign up.

# Ganna Walska Lotusland Foundation

695 Ashley Road  
Santa Barbara, CA 93108  
Address Service Requested

Nonprofit Org.  
U.S. POSTAGE  
PAID  
Santa Barbara  
California  
Permit No. 163



## 2002 Member Events *Continued*

### Sunday, July 28

*Lotusland Celebrates  
Gardens of Enchantment*  
4:00–8:00 PM

Lotusland's fabulous annual gala and the hottest ticket in town during the summer. Invitations will be mailed to all members in June—a must-save date for every social calendar.

### Saturday, August 3

*Self-Guided Tours for all Members*  
1:30–4:30 PM

Members \$15 or use admission pass. Call 969-9990 for reservations 9 AM-NOON, M-F.

### Saturday, October 12

*Upper Level Member  
Cocktail Party and Lecture  
Sex in Your Garden!* featuring the popular and entertaining author and lecturer Angela Overy  
Lecture at 2:00 PM or 4:30 PM  
Cocktail Party 3:00–4:30 PM  
Get the inside scoop on all the carnal activities in your own backyard. With a flair for the humorous, Angela Overy will talk about the

reproductive processes of garden plants and their relationships to their various pollinators. Not to be outdone, our "Sex in Your Garden Committee" plans an over-the-top cocktail party continuing the theme—with lots of sexy surprises. Invitations will be mailed to our upper-level members (Level III and above) as a thank you for their increased support. This is one you won't want to miss!

### November 15

Last day for public tours until February 19.

### Saturday, November 16

*The Cycads  
Presentation and Book Signing*  
2:00 PM

Loran Whitelock has spent decades studying cycads in their natural habitats around the world, and his book *The Cycads* is the book cycad enthusiasts have been waiting for. Mr. Whitelock will regale us with stories about his exciting cycad expeditions to exotic locales throughout the

world and will be available to autograph *The Cycads* for his appreciative audience. Watch for details in the Fall newsletter.

### Saturday, December 7

*Holiday Shopping and  
Self-Guided Tours*  
1:30–4:30 PM

Members \$15 or use admission pass for you and your guests. Children welcome. Beginning October 1, call 969-9990 for reservations 9 am-noon, M-F.



### Family Tours

Family tours for all ages are now offered every Thursday at 10 AM and 1:30 PM and the second Saturday of each month at 10 AM and 1:30 PM (except between November 15 and February 19). Family tours are child and parent friendly and are separate from regular adult tours. Adult members \$15 or use admission passes; children under ten \$8; children under two free. Call 969-9990 for reservations 9 AM-NOON, M-F.