



UNIVERSITY of CALIFORNIA  
**BOTANICAL  
GARDEN**  
NEWSLETTER

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## Renovation of the Japanese Pool

**We** are very pleased to announce the renovation of the Japanese Pool in the Asian Section of the Garden.

Geraldine Knight Scott, a professor of Landscape Architecture at UCB, left a bequest for improvements in the Asian Area of the Garden to honor Professor Chiura and Mrs. Haruko Obata. These funds and additional donations have been used to restore the pool to a depth of four feet, make repairs to the waterfall surfaces, and to build a Japanese-style gate on a path leading to the pool. Look for future announcements of the celebration of the renovation of the Japanese Pool, planned for Spring.

The following article was contributed by Kimi Kodani Hill, granddaughter of the Obatas:

In December of 1954, in a letter to Chiura and Haruko Obata, Geraldine Knight Scott wrote: "Thank you for taking me to Japan. It was the most wonderful experience of my life. I haven't stopped talking about it yet. ...I would like to aid in every way I can in educating Californians about Japan."

The beautiful new addition of the Japanese gate in the Garden is a fitting tribute to Scott's love of Japanese gardens and of her admiration for her friends, the Obatas, for their lifetime work of introducing Japanese culture to America. (Editor's note: A tall Japanese lantern is also being sought for the site to specifically honor Haruko Obata).

Chiura Obata (1885-1975) was raised in Sendai, Japan, where his father was a professional painter and teacher. Obata was only seven when he began his formal training in the art of **sumi-e**, Japanese ink and brush painting. At age 14 he became apprenticed under a master painter in Tokyo, and by age 17 he was already receiving commissions for his work. In 1903, at the age of 18, he traveled to San Francisco with the plan to study American art before continuing to Paris to study European art.

Instead, California would become his permanent home. In 1912 he married Haruko Kohashi (1892-1989) and they were soon raising a family in San Francisco's



Chiura and Haruko Obata. 1954

Japantown. Haruko had come to San Francisco at the invitation of her aunt to learn western sewing. As an educated young woman in Japan, Haruko had already studied Ikebana (Japanese flower arrangement) from the age of nine, and soon after her marriage she was requested to demonstrate her art to American audiences. She had an exhibition of her arrangements for San Francisco's 75<sup>th</sup> Diamond Jubilee Celebration in 1913, and in 1915 she exhibited at the Panama Pacific Exposition. Thus began her career as a renowned teacher of Ikebana.

Chiura Obata was enthralled by the varied landscapes of California: the more he painted the deeper the kinship he felt with the scenery. In 1927 he was introduced to Yosemite by Worth Ryder, an art professor at UC Berkeley. The High Sierra proved to be one of the greatest inspirations for Obata throughout his long painting career.

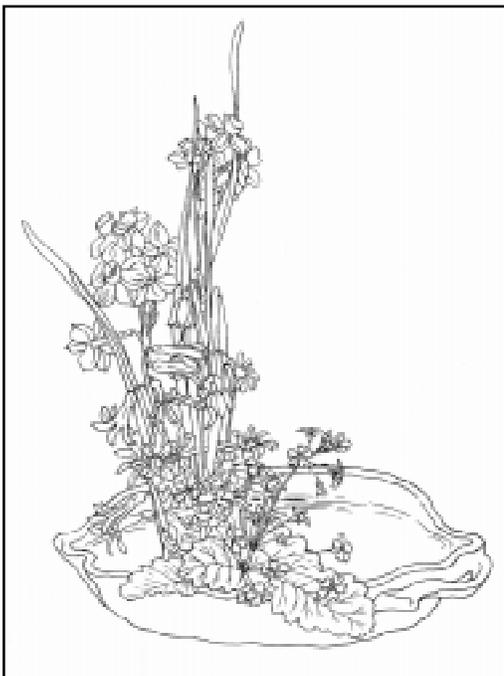
From 1930 Obata began to exhibit his work successfully in museums and galleries in California. His virtuosity with the sumi brush technique and his vibrant use of color resulted in a fresh interpretation of the California landscape. In 1932 he was invited to join the faculty of the art department at UC Berkeley.

Obata was a popular and dedicated teacher who impressed upon his students the importance of studying from nature. In a 1939 interview he said, "I always try to teach my students beauty. No one should pass through four years of college without [being] given the knowledge of beauty and the eyes with which to see it."

It was in the mid 1930's that Scott, a young landscape architect, decided to attend Obata's private painting classes with her friend. The lasting friendship, which grew between Obata and Scott, was based on mutual respect and admiration. In an interview in 1986 she recalled:

"My friend, Honor, was a graduate student in architecture. There was no work, we were depressed and Mr. Obata would say things like, 'Why are you depressed? Nature same yesterday, today and tomorrow.' He taught us to see. I learned more about that from him than from anybody in my life. [We would draw] not from looking at the object but from memory which he insisted on. We would take a walk in the moonlight at night and the next day he'd say, 'You draw something that makes me know it's moonlight.' And we would try.

Now, I'm credited with being a very good teacher as I taught in the [UC Landscape Architecture] department later. They gave me an award last year and they said it was because



*Ikebana arrangement  
by Haruko Obata  
rendered in ink  
by Chiura Obata*



*The Japanese mountain-style gate was designed by Paul Discoe.  
Photo by Jennifer White.*

I taught my students to see. I was able to do it because your grandfather [Obata] taught me how to see, really see.

He used to hike in the mountains a great deal and he would paint a pine tree and he would say, 'What kind of pine tree, about 9,000 elevation, needles in threes, very bitter.' Things like this, and I was able to tell him what it was because of this accuracy of observation and recording. Remarkable."

With the forced removal of the Japanese American community from the West Coast during World War II, the Obata family was sent to an internment camp where they spent their first weeks living in a cramped, white-washed horse stable. Obata worked immediately with other artists in the camp to establish an art school; he was determined to help lift the morale of his fellow internees through study in the creative arts. Scott was one of the many friends and former students in Berkeley who gathered art materials to help support the school.

After the war Obata was immediately reinstated at the university where he continued to teach until his retirement as Professor Emeritus in 1954. In that same year, Chiura and Haruko Obata led the first of the "Obata Tours" to Japan with Scott as one of the tour members. Scott attributed this first trip of seeing the gardens of Japan as "the greatest aesthetic experience of my life." Upon her return she lectured extensively on the art of Japanese gardens, and would later influence

Continued from page 2

her own students to pursue further studies in this field. One of Scott's former students, Ron Herman, was the landscape architect overseeing the gate design.



*View of snow lantern & Japanese gate.  
Photo by Holly Forbes.*

Throughout their retirement the Obatas were active teaching and giving demonstrations in their respective arts. During her lifetime Haruko taught hundreds of Ikebana students throughout California and introduced hundreds more Americans to the classical art of Ikebana through her numerous demonstrations. She gave her last demonstration at the age of 94. Both of the Obatas received awards from the Emperor of Japan recognizing their life long contributions in promoting goodwill and cultural understanding between the United States and Japan.

In recent years the publication of the book, Obata's Yosemite has precipitated the rediscovery of Chiura Obata's contribution to American art history.

—Kimi Kodani Hill, Granddaughter of Chiura and Haruka Obata

## A History of the Garden's Japanese Pool and Its Renovation

The Japanese Pool is sited on what was originally a section of Strawberry Creek, and from where, prior to the installation of rockwork and waterfalls, an eight foot deep cistern supplied water for the Garden. This became a life center of the place, attracting and providing for wildlife and plants, and later, human visitors as well were nourished by the connection with nature.

When the Golden Gate International Exposition on Treasure Island closed in 1939, the Japanese exhibit was donated to the Garden on behalf of the Japanese Government and with aid of a donation from the UC Japanese Alumni Association. The exhibit was comprised of stone from Japan with lanterns and a bridge displayed as a Japanese garden and pool. Kaneji Domoto, a prominent landscape architect in the Bay Area, assisted in designing the Japanese gardens at the Exposition. He also designed the reinterpretation of the display, supervising Japanese workmen as they placed about 150 boulders to create the waterfalls and pool in the Garden in 1941. At that time a culvert was installed to carry the winter flow of Strawberry Creek through the pool to protect the rockwork and plantings. Oddly enough, no drain was installed at the time. Every year more water was displaced by mud; it was the lowest point in the surrounding terrain. The "pool" was evolving into a marsh. It continued to attract wildlife,



*Staff member Gerald Ford taking soil samples.  
Photo by Jennifer White.*

although less of the aquatic kind. One year a great blue heron fed for weeks on the Japanese koi, the pool no longer deep enough to hide them. Plant material

colonized the whole water surface, making it very difficult to dig the mud out by hand.

Finally, this was the only way the long overdue dredging could be accomplished. After considering different approaches, waiting for permits, and working to set up equipment so as not to damage the Garden, it was determined that the only solution would be to shovel the mud onto a conveyor belt. An average of seven men dug for a total of eight days, often into wheelbarrows that were over their heads. The sides sloped at 45 degrees, making it increasingly difficult to



Work on the pool in progress with culvert exposed at left.  
Photo by Elaine Sedlack

climb in and out; each worker fell down at least once. The pool began to resemble an archeological dig, with the added paradox that the 180 cubic yards of soil should have been water. The only artifacts yielded by this endeavor were a cow's horn, a watch (not gold), sunglasses, a toothbrush, and 35 cents. It was hoped to find the missing collar from the snow viewing lantern, which disappeared in the flood of 1962 (when the lantern roof was damaged). We'll just have to keep looking.

This project was further complicated by the breeding cycle of the California newt (*Taricha torosa*). Renovation of the pool could only be done during the brief period each year after the newts left the pool in late summer and before they returned with the winter rains to breed. To have El Niño forecast heavy rains made us very nervous. It is probably the only job the contractors have had which hinged on a salamander!

Now the restored pool has a drain, and much more spacious accommodations for a wide range of beings.

—Elaine Sedlack



Example of sumi-e  
Chiura Obata

## The Garden wishes to thank the following establishments for offering a 10% discount to Garden Members:

**Copacabana Nursery**  
234 Hall Drive  
Orinda, CA 94562  
510/254-2302

**The Dry Garden Nursery**  
6556 Shatuck Avenue  
Oakland, CA 94609  
510/547-3564

**Magic Gardens Nursery**  
729 Heinz Avenue  
Berkeley, CA 94710  
510/644-1992

**Smith & Hawken**  
1330 10th Street  
Berkeley, CA 94710  
510/527-1076

**Westbrae Nursery**  
1272 Gilman Street  
Berkeley, CA 94710  
510/526-7606

**Yubasaki's Dwight Way Nursery**  
1001 Dwight Way  
Berkeley, CA 94710  
510/845-0335

**East Bay Nursery**  
2332 San Pablo Avenue  
Berkeley, CA 94702  
510/845-6490

NEW

NEW

NEW

NEW

We regret to inform our members that as of January 1, 1998, Berkeley Horticultural Nursery will no longer offer a discount to UC Botanical Garden members.

## FROM THE DIRECTORS

We don't know how it is possible, but the past several months have been busier than ever. There has been a changing of the guard with the *Newsletter*, new staff arrived, one long-standing project is completed, three others are well under way, and Fall programs were fabulous hits!

For the past two and a half years, Bob Ornduff has served as Editor of this *Newsletter*. During his stewardship the *Newsletter* developed a recognizable style and informative content array that reflects the research and education mission of our splendid Garden. He maintained the highest journalistic standards. While he remains Faculty Curator of the Garden and active in a variety of Garden arenas, Bob has asked to relinquish his editorial duties. We are indeed sorry to lose him in this capacity. Thank you, Bob, for your outstanding and loyal service to the Garden. You set the *Newsletter* on the right course and we look to build upon your solid foundation. Curator Holly Forbes begins her tenure as Editor of the *Newsletter* with this issue. To help her coordinate overall planning for upcoming issues, Holly will be appointing a *Newsletter* Advisory Committee of staff and volunteers.

In November and early December we assisted the Faculty Search Committee in interviewing candidates for the new Garden Director. All candidates have strong population-genetics research programs with plants. Each of the three candidates spent one full day of their three-day visit at the Garden. During this time we made sure that they had a chance to meet individuals from every program area of the Garden. A special "thank you" to all volunteers who took the extra time to meet the candidates and questioned them so effectively. Certainly the candidates got the opportunity to meet the talented and dedicated staff and volunteers that are the backbone of this Garden. The new director will hold a position that combines a 50% appointment as Garden Director with a 50% appointment as Faculty in the Department of Integrated Biology (IB). Professor Brent Mishler, chair of the search committee, made every effort to have the search itself be an opportunity for Garden staff and IB faculty to get to know each other better. Thank you Brent for all your efforts on behalf of the Garden! And a grateful thank you also goes to Elaine Meckenstock, Kandle Fraser, and Jerry Parsons for putting on the staff and faculty receptions at the Garden for the candidates. With Holly Forbes on the search committee, the Garden had an official voice in the selection as well.

As programs grow and positions change, we welcome new staff to the Garden. David Brunner joins the staff as our new Horticulture Manager. As you will

see in this issue's 'Staff Profile', David brings a wonderful depth and breath of experience to the Garden. We are delighted that he is with us. Kandle Fraser has joined the Garden as administrative assistant to the Business Manager, and Rick Kitamata was hired as an exhibit designer and builder. Shirley Carrie Brewin has been hired as assistant horticulturist to Roger Raiche in the California area. Barbara Keller assists Holly as a half-time curatorial assistant. Martin Grantham has moved from a horticulturist to dividing his time between curatorial assistant and coordinator for the volunteer propagator program. A new horticulturist will be hired to replace Martin. Finally, it is a pleasure to announce that our outstanding horticulture staff has been reclassified as Museum Scientists and have received salary increases reflecting this new title. This University payroll title more accurately acknowledges the expertise they bring to their work and the curatorially related activities they do in connection with our priceless living museum collection.

The long awaited installation of a Japanese-style gate and the restoration of the Japanese Pool, honoring Chiura and Haruko Obata was completed just before the newts began to arrive in December. The cover article in this issue features this project. Look for your invitation to the Spring dedication for this beautiful area of the Garden. January 6 has been set for beginning installation of the also long-awaited pedestrian-activated stoplight at the Garden entrance. Construction should take about three weeks. On another front, Mark Nall, senior landscape design student, completed plans for beautifying the Garden entrance. During the Fall, input from staff and volunteers shaped his ideas. These plans go to the campus Design and Review Committee for preliminary approval in January. Thank you, Mark. Finally, funding from the campus deferred maintenance program has been approved to replace the Desert/Rainforest Greenhouse. We hope this will begin this summer.

Special thanks to Theresa Lipton for her work keeping the Plant Sales Deck fully stocked and to all volunteer propagators for the two fabulous plant sales this Fall. The Fall Plant Sale in September set an all time record, and revenue from December's Holiday Plant Sale was the highest in more than five years! Preparation and propagation is a long-term commitment to make the program and the sales successful. Thank you all! We also hope you have visited the Garden Shop recently. Volunteer store buyers Janean Jaklevic and Emmy Sorter and book

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## STAFF PROFILE

**David Brunner**

We extend a warm welcome to our new Horticulture Manager David Brunner, who started work on December 1<sup>st</sup>. Like the Garden's horticulturists, David's love of plants and enthusiasm for horticulture has carried him around the country—and the world. He was most recently the Executive Director of San Francisco's Friends of the Urban Forest. David brings a wealth of experience in botanical gardens and herbaria, through which he developed his skills in field research, curation, and management.



*Photo by Candice Schott*

David grew up in southern Arizona and can't remember not being excited by plant life. A 1984 graduate in Horticulture from the University of Arizona, David immediately began his travels by joining the Peace Corps for two years in Paraguay, where he investigated the native flora and curated the national herbarium. When he returned to the United States in 1987, he began a ten year association with the Missouri Botanical Garden where he held several positions, including administrative curator for the 4.5 million herbarium specimens. Along with these state-side duties, David traveled abroad for collaborative programs sponsored by the Missouri Botanical Garden. He travelled to Taiwan, where he directed a collaborative project to catalogue the biota and natural history collections of the island, culminating in the development of a botanical database and data management system in both Chinese and English. Additionally, David has traveled in China to study its rich flora and to bring botanical specimens to this country for use by botanists here. In 1995 David's interests in horticulture brought him to California for the first time.

When the position at the Garden was listed, however, he knew he had encountered a position that would be ideal for him. Between his horticultural and botanical expertise on the one hand and, on the other, his managerial ability to foster effective teams and collaborations, David is immensely enthusiastic about the prospects of the Garden. On behalf of all staff and volunteers, Welcome to the Garden, David!

- Marilyn Setterfield

**From the Directors**

Continued from page 5

buyer Elly Bade are to be commended for the continuing outstanding selection of items available at the Garden. The store is totally staffed by volunteers and the service they give contributes significantly to our visitors' enjoyment in coming to the Garden. Thank you all!

We hope you had a chance to visit the remarkably informative and beautiful exhibit program, *Foods of the Americas*, presented in October. Thanks to the talented leadership of Kathy Welch and Alison Mills and the attractive design work of Emily McKibben, the Garden presented this exciting new program. Building on a weekend program presented last year, these fabulous volunteers expanded a two-day program for families into one that spanned three weekends and transformed the Conference Center into a Mesoamerican and Incan marketplace. Programming for families, as well as school tours with in-school activities, were presented. This was an incredible amount of work and the results were outstanding! Special thanks go to Bill Fujimoto of Monterey Market, the California Bean Advisory Board, and the California Rare Fruit Growers Association for their wonderful participation. Teachers raved and asked for it again next year. Heartfelt thank yous to Kathy, Alison and Emily, and to the dozens of docents and volunteers who implemented the program.

As we begin the New Year, the Garden's prospects are brighter than ever. We would like to take a moment to say thank you for *your* support. It is essential to our Garden's health and growth. May we remind you that rainy days are wonderful ones on which to reacquaint yourself with our outstanding greenhouse collections. We hope you will visit your Garden soon and when you do, please stop by and say hello.

- Ian Carmichael, Acting Director

Jennifer Meux White, Associate Director for Education

## THE DOCTOR SAYS

Did you wonder how they get those little tiny ears of corn? According to an article in *National Gardener* 20 (4):6, any cultivar of corn can be used to produce baby corn but some are better, and they include 'Earlivee' and 'Early Sunglow'. 'Japanese Hulless', a pop corn also is good. For good production, the cultivar should produce multiple side shoots (tillers) and thus more ears. Seeds are planted only 2-3" apart in rows and are given high nitrogen fertilizer. The corn should be harvested 2-4 days before the silks appear. (No, the article did not say how to tell that.)

### Resistance of *Raphiolepis* to leaf spot

In experiments to determine resistance of cultivars to *Entomosporium*, it was found in Alabama that 'Dwarf Yedda', 'Indian Princess', 'Olivia' and an un-named F-1 hybrid were quite resistant.

Spotting and severe defoliation were seen on 'Pinkie', 'Harbinger of Spring', 'Enchantress', 'Heather', 'White Enchantress', 'Spring Rapture' and 'Springtime'. *Highlights of Agr. Research* 43(4): 3-4.

Pronunciation of *Raphiolepis*. Perhaps most know how to pronounce the name of that plant but many people put an s between the p and the i and put the emphasis on the lep. Correctly, the emphasis is on the o. Attempts to influence people by pronouncing it correctly and distinctly, seem to fall on deaf ears. The same is true for *Kalanchoe*. People in nurseries consistently pronounce it kalan' choee. According to plant dictionaries, it should be kalan-ko'ee.

Now available from a nursery in Texas is the 'Doyle Thornless Blackberry'. This berry, which has been around for over 20 years, is reported to yield 20-30 gallons of berries from a single plant when it is full grown. *Organic Gardening* 44 (6): 18-19.

The collecting and sale of bulbs collected in the wild not only imposes a threat to wild populations, some of which are endangered, but it also upsets ecological balances. In an effort to insure the difference between nursery-propagated bulbs and those collected in the wild, the American Horticultural Society has joined with the conservation group of Fauna and Flora International,

which is based in Britain, to publish a list of bulb companies that have pledged not to knowingly sell wild-collected bulbs or to label clearly any known to be from a wild source. The guide is available from The Good Bulb Guide, AHS, 7931 East Blvd. Drive, Alexandria, VA 22308. A charge of \$1.00 is to cover handling and postage. *American Gardener* 75(5):8.

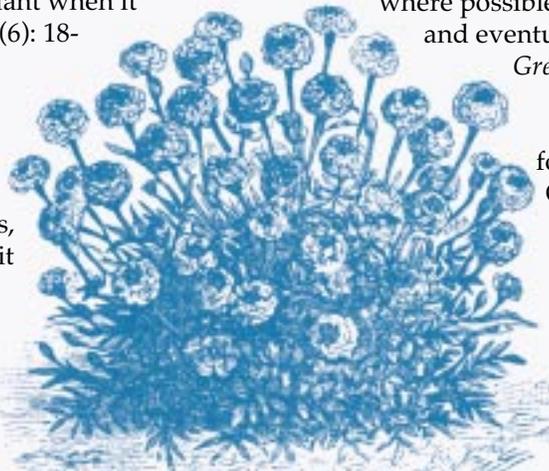
According to *Garden Answers*, Sept. 1996, dried marigold flowers make an excellent and cheap alternative for saffron food coloring. The petals should be spread in a cool, dark, dry place and when dry, should be crushed.

An acquaintance in charge of the display section at a large nursery has found that spraying foliage plants with WD-40 does an excellent job of making the foliage glossy. Though questioned about injury, the claim was that he has done it a long time, repeated it when necessary, and has not injured any plants yet.

According to *Horticulture* 94(9): 12, the following bulbs (corms etc.) are listed as not being eaten by squirrels, chipmunks, voles and related animals: daffodils, colchicums, hyacinth, *Chionodoxa*, grape hyacinth, *Fritillaria imperialis*, *Erythronium* spp., Spanish bluebell, *Ipheion*, *Anemone blanda*, *Iris reticulata*, *Ornithogalum nutans*, *Ixiolirion*, *Eranthis hiemalis*, *Puschkinia*, scilla, snowdrop, snowflake and ornamental *Allium* spp.

It is estimated that the cut flowers used in Princess Diana's memory totalled 15,000 tons. To meet the needs, cut flowers were obtained from Israel, the Netherlands, South America, Africa and the Channel Islands. Removal posed a problem but in most places where possible, the remnants were composted and eventually used in the Royal Gardens. *Greenhouse Grower* 15(12): 9.

Recently, a milestone was reached for the U.S. Patent and Trademark Office in that it issued its 10,000th plant patent. *Greenhouse Grower* 15(12): 11.



*French Dwarf Pulchra Marigold*

## GARDEN NOTES

Welcome to new Horticulture Manager David Brunner! See the "Staff Profile" for the scoop on David.

Welcome to more new staff! Curatorial Assistant Barbara Keller joined the Garden staff half-time in August. Barbara brings lots of experience to the position, having been collections manager at Strybing Arboretum in San Francisco for five years. She has a master's degree in botany from San Francisco State University.

Administrative Assistant Kandle Fraser joined the Garden staff in September. Kandle graduated from UCLA with a major in Anthropology and a minor in Women's Studies. She is an aspiring film-maker.

Assistant Horticulturist Shirley Carrie Brewin joined the Garden staff part-time in December. Shirley is working with Roger Raiche in the California Native Area. Shirley is well known to many of the staff and volunteers, having been a student security guard for the Garden during her undergraduate days at Cal. She returns to us with the added bonus of a master's degree in plant pathology from UC Berkeley.

Exhibit Designer Rick Kitamata joined the Garden staff part-time in September. Rick is working on an exhibit in the Crops of the World Garden and other interpretive projects. He is also busy pursuing a master's degree in Museum Studies from JFK University in Orinda.

Volunteer Theresa Lipton was named Plant Sales Coordinator with overall responsibility to help the volunteer propagators realize their production and sales goals in coordination with the Garden's education program and Garden Shop activities. She brings a wealth of experience to this volunteer position: she has a certificate in Horticulture from Diablo Valley College; she is a Master Gardener and a California Certified Nursery Professional; and she has worked in the Arboretum at Cal State Fullerton.

The Garden staff was honored with a "Team Award for Distinguished Service to the University" this past summer. Prof. Nick Mills, entomologist for the Garden's monthly Sick Plant Clinic, was presented with a "Distinguished Service Award" by the Cooperative Extension Academic Assembly Council in recognition of his exemplary service to the people of California, in the category of "Outstanding Faculty (Non-Cooperative Extension)".

The Greater Bay Area Garden Network, an informal

consortium of gardens in the area, met in August at Strybing Arboretum in San Francisco. Discussion focussed on plant sales at gardens. Curator Holly Forbes, Volunteer Services Coordinator Nancy Swearingen, Horticulturists Martin Grantham and Lawrence Lee, and Volunteer Theresa Lipton represented the Garden.

Horticulturists John Domzalski and Martin Grantham and Volunteer Theresa Lipton attended the annual International Plant Propagator's Society meeting in Vancouver, B.C. in September.

Assistant Horticulture Manager Judith Finn and Curator Holly Forbes attended the regional meeting of the American Association of Botanical Gardens and Arboreta, held in Santa Barbara in early October. The focus of the conference was on environmentally friendly techniques for maintaining landscapes.

The "Foods of the Americas" program held at the Garden in mid-October was toured by over 1,000 visitors. In addition, 554 school children and their teachers and chaperones learned about many kinds of foods from this region of the world.

Horticulturist Martin Grantham led a tour of Chile for several participants in November. He returned with many tales and a few seeds for both the Garden and the UC Davis Arboretum.

In October, Curator Holly Forbes attended the national meeting of the Center for Plant Conservation (CPC), held at Bok Tower Gardens in Lake Wales, Florida. Productive discussions were held on a variety of topics, including seed storage and reintroduction issues. The board of trustees for the CPC will be meeting at the Garden on February 6<sup>th</sup>. Faculty Curator Robert Ornduff was recently appointed to the CPC trustees and will be leading them on a field trip of plant communities in Marin following their business meeting.

The Holiday Plant Sale on December 6<sup>th</sup> was a great success. We attribute some of this success to increased publicity, especially to that on the Garden web site, as well as to the wonderful selection of plants and gifts. Thanks to all the volunteers and staff who participated in this festive event.

The Garden is featured in a 1998 calendar published by the Office of Public Affairs and the Office of the Vice Chancellor for Research. It includes photos of several museums on campus. It is available for \$10 in the Garden Shop.

## BOOK REVIEWS

**California's Wild Gardens, A Living Legacy.** ed. by Phyllis M. Faber; pub.by the California Native Plant Society and the California Department of Fish and Game, in association with the California Academy of Science; Sacramento, CA, c1997; maps; color plates;

236pp.; paper, \$29.95; hardcover, \$42.95.



There can be no better advocate for preservation of the uniquely diverse plant life and ecosystems in California than this stunningly beautiful book published jointly by the California Native Plant Society, the California Department of Fish and Game, and the

California Academy of Science. Preparation of this book has taken over five years because this collaboration also has included the work of local botanical experts and skilled photographers who have described and illustrated one hundred of our rarest floristically important regions. Their patient and careful work will be more than rewarded by the awareness of all of us of the richness and diversity of the wildflowers and forests within our borders.

**The Garden Explored: Mia Amato with the Exploratorium;** An Exploratorium Book / An Owl Book; Henry Holt and Co., New York, N.Y., c1997; map; illus; b/w photos; 152pp.; paper, \$12.95.



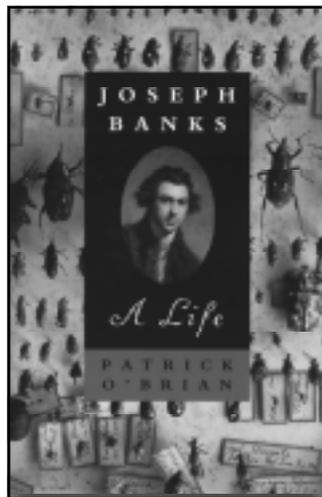
Mia Amato and the Exploratorium have successfully cooperated in producing an easy to read, how-to gardening book which clearly explains the nature of plants and the scientific reasons some things work in the garden while others do not. The contributions of both partners reflect what each does best, with Ms. Amato's gardening, teaching and writing skills being

enhanced by the straightforward, easy to understand, practical approach to science that the Exploratorium is known for. After reading *THE GARDEN EXPLORED*, students and gardeners will be able confidently to analyze their own garden soil, or graft another sort of apple to their original apple tree. They will learn why it is best to water their gardens in early morning, and how to judge whether their plants are getting the water and care they need. With the Exploratorium and Mia Amato giving us advice, gardening will always be a pleasure.

**Look for news of Mia Amato at the Garden signing copies of her book, The Garden Explored.**

**Joseph Banks, A Life.** Patrick O'Brien; Univ. of Chicago Press, Chicago, IL, 1997; maps; illus.; drawings; 328pp.; paper, \$15.95.

Patrick O'Brien is best known in Britain and the United States for his wonderful novels about the sea and the English navy during the Napoleonic Wars. But how many of us, who read about plants and the natural world, know that he also has written a biography of



Joseph Banks, the great 18th century botanist and explorer who sailed around the world with Captain James Cook on the *ENDEAVOR*? O'Brien must have become interested in Joseph Banks' remarkable life (1743-1820) during his extensive research into the maritime history of the American War of Independence and the Wars with Napoleon. He seems to have positively relished the subsequent tracking down

and reading of Banks' voluminous correspondence, as well as that of other contemporaries of the period. Originally published in England in 1987, and now issued this year in paper by the University of Chicago Press, this carefully crafted biography is an absorbing overview of the exciting world of 18th century scientific research and exploration.

## Recently Received

**An Illustrated Field Key to the Vascular Plants of Monterey County.** Mary Ann Matthews; Calif. Native Plant Society, Sacramento, CA, c1997; map; b/w photos; 454pp.; paper, \$24.95; hardcover, \$39.95.

-Elly Bade

## New Members

The UC Botanical Garden welcomes the following new members.

Ray Balcom	Amy Lippert
David Bilik & Liz Maury	Theresa Lipton
Celeste Bishop	David Martinez & Carole Ferrell
The Bonita Garden Club	Jake McGuire
Larry Brewer	Elaine Meckenstock
Vicky Brodt	Alice Melvin
Cynthia Brown & Steve Douglas	Marck Menke
Allan Chilcoat & Lynda Chasnoff	Patrick Mitchell
John & Virginia Chin	John Morgan & Jennifer Sitkin
Robert Coats & Kathleen Silber	Earl & Helen Mortenson
Jerome Jullien Cornic	Helen Nomura
Suzanne Cross	Howard Oliver
Hilary Davis & Michael Zukerman	Kathy & Tony Ordonez
Emmanuel & Laurie de Leon	Nancy Puttkammer
Charlotte Dethero	& David Saxen
Janet Diehl & Bob Flewelling	William Ratcliff
Martin & Sherri Edelman	Martin Rolston
E Eichhorn & J Adams	Mrs Minnie Ruth
Monika Eisenbud	Jack Salazar
Sheila Fischer	Dorothy Sanchirico
Marilyn Ford	Kristine Sandoe
Jean Freed	Holly Schenck & Bruce Powelson
Rebecca Freed	David Stark & Marcia Drayer
Nancy Frohan	Jack & Belinda Stich
John & Casey Gammon	Elfi Tarazona
Karen Gray	Mary Lou VanGalder
Elizabeth Hawk	Sequoiah Wachenheim
Sylvia Hawley & Janet Jacobsen	Andrew Walmsley
Yoshika & Shane Hedberg	& Jonathan Allen
Marvin Hiemstra	George & Olive Rice Waters
David Hucklesby	Jennifer & Marshall White
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## Grateful Thanks

The Garden wishes to thank these donors who have made a substantial gift over and above membership.

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The Garden would like to honor and thank those supporters making substantial donations.

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## In Appreciation

The Garden offers appreciation and thanks to these donors for their generous contributions:

Jeanne Reisman & Leonard Goldschmidt  
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## ANNOUNCEMENTS

### All Points Bulletin

During the Holiday Plant Sale, several *Lapageria rosea* plants were sold from a group of hybrid seedlings that propagator Sarah Wikander was monitoring for flower color. If you purchased a *Lapageria* at the sale, please look at the label to see if you were lucky enough to get one of these special hybrid plants. Sarah would love to know the flower color when the plant blooms.

### Look in Your Attic

The Education Program will be publishing a new guide to California Indian uses of native plants for tours in the Garden. We want to display artifacts in small cases near the plants being interpreted. We especially need an arrow made from mountain-mahogany (*Cercocarpus*), a small mortar and pestle, a small basket, and rope or string made from fremontia (*Fremontodendron*) or iris fibers. We would be overjoyed if you or someone you know has one or more of these items and would be willing to donate them to the Garden. Please call the Entrance Kiosk at 643-2755 for further information.

# Calendar of Events

## SICK PLANT CLINIC

Mysterious Maladies? Failure to thrive? Well, the doctor is in! Dr. Robert Raabe, UC Plant pathologist will see all patients on the **first Saturday of every month**. Bring your ailing, drooping plants for a free check-up. 9am to 12pm.

## FEBRUARY

### Art in the Garden

Weds, Feb 4 - Mar 8

Karen LeGault continues her ever-popular series helping beginning and experienced artists capture the life and beauty of plants in their natural setting. A variety of media are explored. 9:30am - 12pm. Members: \$125 Non-members: \$145.

### Rhododendron Walk

Saturday, Feb 21

The early bloomers should be appearing, heralding spring. Join UCBG Horticulturist **Elaine Sedlack** as she leads you on a tour of rhododendrons while explaining their history and cultivation. A selection of UCBG rhododendrons will be available for sale. 10am-12pm. Members: \$10 Non-Members: \$15.

### Seeds and Seed Treatments

Thurs & Sat, Feb 26 & 28

To enrich your understanding of seeds and increase your skill in propagating with them, **Martin Grantham**, UCBG Horticulturist, Instructor of Horticulture at Merritt College and UC Santa Cruz Extension, will lead a two-session workshop on the biology and horticultural treatment of seeds. Topics will include seed anatomy, development, harvest, storage, dormancy, germination, seed sources and care of seedlings. Detailed handouts, planting materials and an interesting selection of seeds will be provided. Participants will have an opportunity to peruse an extensive literature table from Martin's personal library. Bring those seeds that interest you. Thur. 7-9:30pm, Sat. 10-4pm. Members: \$50 Non-members: \$65.

## MARCH

### Orchids for Outside

Sat, Mar 7

Our local climate allows a wide latitude of growing possibilities. **Jerry Parsons**, UCBG Horticulturist and judge and past president of the San Francisco Orchid Society, will identify orchids suitable for growing in the Bay Area and discuss their care and culture. Divisions of plants from the UC Botanical Garden will be available for purchase. 10am -12pm. Members: \$10, Non-members: \$15.

### Propagation from Cuttings

Thurs & Sat, Mar 12 & 14

To give you a thorough understanding of the basic options and familiarize yourself with the numerous variations in the practice of cutting propagation, UCBG Horticulturist **Martin Grantham** will lead a two-session workshop on propagating cuttings from deciduous and evergreen hardwood, softwood, root and leaf. Detailed handouts, propagation materials and cutting material from an interesting selection of plants will be provided. Martin's personal library will once again be available for perusal. Participants must bring pruning shears. Thur. 7-9:30pm, Sat. 10-4pm. Members: \$50, Non-members: \$65.

### Growing Ferns from Spores

Sun, Mar 22

Although spore propagation is mysterious to many and considered more challenging than either seed or cutting propagation, UCBG Horticulturist **Martin Grantham** will present techniques for success with spores in this one day workshop. Topics covered will include the fern life cycle, comparative reproductive morphology of ferns, spore collection, cleaning, storage and sowing as well as care of gametophytes and young ferns. Detailed handouts, propagation materials and an interesting selection of spores will be provided. Participants must bring marking pens. 10am - 4pm. Members: \$40 Non-members: \$50.

### Intensive Drawing & Painting Workshop Sat & Sun, Mar 28 & 29

A two-day workshop with **Karen LeGault** for those not able to attend a weekday class. Suitable for beginning and advanced artists. 10am -4pm. Members: \$65, Non-members: \$80.

### The Life of an Oak: An Intimate Portrait

Sun, Mar 29

Botanist, teacher, writer, and photographer **Glenn Keator** will sign his latest book, just off the press, and present a slide show on many of the oaks in his book. A wine and cheese reception follows. 1:30pm - 4pm. Members: \$ 10, Non-members: \$15.

## APRIL

### Rhododendron Walk

Sat, April 4

Join UCBG Horticulturist **Elaine Sedlack** for a stroll through the second wave of blooming rhodies. Elaine will provide more information on the history and culture of these special plants. Selected plants will be available for sale. 10am - 12pm. Members: \$ 10, non-members: \$15.

### Fibers and Dyes

Sat, Apr 4 - Sun Apr 19

Visit our indoor display of fiber and dye plant materials from around the world. Visitors can take a self-guided tour through the Garden which highlights fiber and dye plants. 10am - 4pm. Free with Garden admission.

## *Spring Plant Sale*

**Member's Preview: April 24, 1998 5 - 7:30pm**

**Sale: April 25, 1998 10am - 2pm**

*The time to plant is now!  
The Garden's finest is yours to enjoy.*

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