Imagine you are trying to answer a particular question only to discover you need to examine a fresh specimen of a plant from a remote region on another continent. What will you do? The trip will take weeks of time (assuming you can get the necessary permits and can easily find the plant when you get there); it will cost thousands of dollars for transport, local assistance, and lodging; and the funding might be available if you can write a superb grant proposal and the most likely foundation to fund it hasn’t just closed their application period. Or—you can contact the major botanical gardens of the world and hope one of them has the plant and can spare enough material for your needs.

The Garden has been supplying research plant material since its inception in 1890. Garden policy requires that plant acquisitions be accompanied by field data on the origin of the plants whenever possible. The Garden’s List of Living Accessions now stands at 832 pages displaying over 20,000 accessions of more than 13,000 different species and subspecies. Electronic access to the collection was greatly facilitated by staff of the Campus Museum Informatics Project when they placed our list of species on the Garden’s worldwide web site (http://www.mip.berkeley.edu/garden/) in December 1997. These plants are available to research scientists on campus, in California, and all over the world.

There are many types of research applications for the collections, including systematics, archaeology, natural products chemistry, biological control of weeds, and horticultural trials for plants of conservation concern and/or of ornamental interest. The Garden received 48 requests for fresh materials during the academic year 1997–98. These requests came from researchers in California, Florida, Massachusetts, Montana, Ohio, Oregon, Texas, Utah, Canada, France, Germany, and Sweden.

The most numerous requests for plant material are for plant molecular systematics, in which the molecular structures of genes are determined and then used to work out relationships among plants. Additional avenues of research with the collections this past year included a study of the cypress genus Cupressus, DNA fingerprinting of cottonwoods (Populus) from China, scanning electron microscope imaging of Knotweed (Polygonum cuspidatum), used as an extract. Photo by Holly Forbes
The Garden has twice provided roots of a knotweed native to Japan (Polygonum cuspidatum) to scientists at the Center for Viticulture at Florida Agricultural and Mechanical University. This species is needed to extract a “standard” of a compound (resveratrol glucoside) found in muscat wines, against which the wines are compared. The standard is no longer commercially available. This species can be found in both the Asian Area and the Chinese Medicinal Herb Garden. The roots are used in traditional Chinese medicine for a variety of medical conditions, including external treatment of burns and other wounds.

Berkeley faculty and students who have made the sometimes necessary trek to the far reaches of the globe to gather their research subjects may ask the Garden to house the plants for them (segregated from the collections). Faculty with research collections in the Garden include Herbert Baker, Bruce Baldwin, Lincoln Constance, and Robert Ornduff. Research staff with collections include Donald Dod and Barbara Erter. Campus research staff member Alan Smith donated his research fern collections to the Garden and continues to use them in his studies. In addition to these specially housed plants, the entire collection is available for research purposes. In some cases it is the habitats created by the assembled collections and used by local wildlife that are the subject of interest.

Numerous wildlife studies were in progress during the past academic year. Seven undergraduates in the Department of Integrative Biology course Natural History of Vertebrates used the collections for studies of western fence lizards (population characteristics, ectoparasites, and behaviors related to territory, thermoregulation, and feeding). Another student in this course studied the number of bird species found in the Garden at different times of day. Four students in the Introductory Biology course studied hummingbird foraging behavior on plants in the Mesoamerican Area. A study of the aquatic insects in Strawberry Creek was undertaken as the subject of a senior thesis in Environmental Sciences. A student in the Population Ecology course studied various effects of soils and light intensity on the California buckeye (Aesculus californica) trees in the Garden. Undergraduate (and Garden staff employee) Jane Ha studied microbial ecology of Strawberry Creek for a course in the Department of Environmental Science, Policy and Management.

Very recently, cameras set up with motion sensors were stationed just outside the Garden perimeter in hopes of capturing images of the mountain lion whose occasional presence in Strawberry Canyon was confirmed by campus zoologists in July.

In addition to the provision of fresh plant material, the Garden produces a biennial seed exchange list. In keeping with the Garden’s tradition and the standards promoted by the Botanic Gardens Conservation International (headquartered in England), our seed exchange list includes only wild-collected California native species. The collection data for each species are documented in the list, which is sent to over 600 botanical gardens and research institutions all over the globe.

Holly Forbes
DIRECTOR'S COLUMN

It seems like I just arrived, yet two years have flown by. Although my term as Acting Director is coming to an end, I still have a few projects that I would like to see completed before the end of December when the Garden’s new permanent director, Professor Ellen Simms of Integrative Biology, takes up the reins. Nevertheless, I take great pride in what has been accomplished.

Two “firsts” stand out—installation of the stoplight and establishing an admission fee to the Garden. I take great pleasure in watching staff, volunteers, and the public cross Centennial Drive safely and without the stress that accompanied this routine event before the stoplight arrived, and I always delight in using it myself. Special thanks go to volunteers-par-excellence June Cheit and Linda Govan for their dedicated efforts to support this project. I believe that the establishment of a nominal admission fee has benefited the Garden immensely. In addition to revenue that supports visitor services, we now have data about how many visitors come to the Garden, who they are and therefore how we can serve them better. And the Entrance Kiosk has become the communication hub for staff and volunteers alike, increasing all of our effectiveness.

I consider that the Garden reviews have provided a coordinated assessment of our fabulous collections in conjunction with educational efforts, and will provide a plan for our future horticultural efforts. As importantly, these reviews established an invigorating process which promotes a frank exchange of ideas and the freedom to entertain new ideas for managing and interpreting our collections. A new tradition of including staff and volunteers, as well as Campus and outside experts, has been established to define major issues in each of the major segments of the Garden. The Volunteer Propagators recently held a similar review to assess their program. Evaluating the many recommendations from the Reviews for their overall consequences and their priorities is now underway, and many of the recommendations will be implemented in the coming months. The more far-ranging recommendations will also form the basis of strategic planning for the Garden.

I am also pleased that the Garden’s staff has been increased, and that the horticulture staff have grown by 1.7 FTE. I believe that the most significant appointment for the future is the position of Associate Director for Education held by Jenny White, for it is my best guess that the great growth area for the Garden in the next decade is in the realm of K-12 student and teacher outreach educational programs. Thus, cooperative educational programs with the Lawrence Hall of Science should increase as they are beneficial to both units. To reflect this emphasis, there will be a separate Newsletter column on the Garden’s educational activities, in addition to that of the Director.

Students are more a part of all aspects of the Garden than ever before. They volunteer in all arenas. Many others also learn through their employment at the Garden. We are seeing additional faculty members using the Garden as a living laboratory for their students, so that the Garden is playing an increasingly important role in the education of Cal students.

All arenas of the Garden have also benefited from the support provided by the Vice Chancellor of Research for new computers, Internet connections for all staff, and a van to support our outreach activities. The Garden now has a growing website, and this must be developed even more in the future. I hope you visit it often.

I am particularly grateful for the support of the volunteers and members during times when they must have wondered whether my policies on admission were in the best interests of the Garden, but nevertheless they supported me wholeheartedly. Ellen Simms could not wish for greater support. For me it has been a memorable two years, and many new friends have been made and will be kept even if only to share some wonderful memories. Thank you all.

Ian Carmichael
Acting Director
New Garden Director

We are very pleased to welcome Dr. Ellen Simms in January 1999 as the Garden’s new director. She will also be an Associate Professor in the Department of Integrative Biology. Dr. Simms comes to us from her current position as Associate Professor at the University of Chicago.

Dr. Simms received her Ph.D. in plant ecology from Duke University and her M.A. and B.A. degrees from the University of California at Santa Barbara. Since receiving her doctorate Dr. Simms has held teaching positions at Duke University, Wake Forest University, and the University of Chicago.

In addition to her sterling academic credentials, Dr. Simms brings a love of plants and gardens to her new position. She and her spouse, Dr. Tom Colton, are avid gardeners. Counted among her experiences are service on the Greenhouse Committee at the University of Chicago and a student’s fond familiarity with the collections of the Santa Barbara Botanic Garden. Dr. Colton will also be joining the Department of Integrative Biology as a Staff Research Associate in the Instructional Support Unit of Integrative Biology, where he will be developing, coordinating, and teaching labs in physiology and organismal biology.

Dr. Simms describes her research as follows:

“The broad goal of my research is to understand evolution in natural populations. We are especially interested in ecological interactions between plants and other organisms, including herbivores, pathogens, and mutualists. We particularly focus on ecological and physiological trade-offs or genetic mechanisms that constrain the evolution of plant traits important to these interactions.”

“One project focuses on coevolution of legumes and their nitrogen-fixing bacteria. We are asking questions such as: Within a population, how specialized are these bacteria to different available leguminous hosts? Are local bacteria more beneficial to hosts than bacteria from other localities? Do bacteria experience fitness trade-offs between symbiotic and free-living existence? Answers to these questions will provide substantial new insights into the coevolution of mutualistic species.” Much of her current field work is located at the UC Bodega Marine Reserve.

Dr. Simms has published numerous professional papers and received many grants. Her most recent National Science Foundation grant of nearly $400,000 supports collaborative research on “interacting effects of insect herbivores and rodent granivory on plant population dynamics.” She also co-authored a grant proposal to the U.S. Department of Education’s program of Graduate Advancement in Areas of National Needs (for training in quantitative experimental ecology) which received funding of nearly $500,000.
THE DOCTOR SAYS

• Many studies have shown that garlic reduces cholesterol levels but a recent study at Oxford University found no significant differences in cholesterol levels of those taking garlic tablets as contrasted with those taking placebos. The Herb Companion 10 (2): 62.

• The largest apple on record recently was recorded in England. The winner, a ‘Howgate Wonder’, from a cultivar normally producing large fruits, weighed in at 3 lbs. 11 oz., thus beating out the old record of 3 lbs. 4 oz. recorded in Oregon. The Garden 122 (12): 842.

• Sarracenia ‘Ladies in Waiting’, from North Carolina is a complex hybrid resulting from crossing several different species. The pitchers are deep maroon with prominent white speckles and the margins of the hoods are intricately fluted. The inside surface is lettuce green. Horticulture 95 (2): 34.

• In Wisconsin, grass clippings were composted using 7 available manufactured activators. They were found to be no better than the addition of soil or mature compost as an additive. Compost Science and Utilization 4 (4): 72-80.

• Unpublished research done in Berkeley using the rapid compost method showed that 3 different activators did no better than adding nothing. It also was shown that the addition of soil or mature compost does nothing to activate a compost pile.

• A 50-50 mixture of water and vinegar is suggested by a gardener in Fine Gardening 61: 8 to get rid of slugs. The material has to be sprayed on the slugs to get control.

• In Louisiana, researchers are testing honeybees which evolved in a mite-infested region of far eastern Russia. The bees already have passed US quarantine regulations and now are being tested, not only for resistance to mites (varroa and tracheal), but also for honey production and other valuable traits. If they are resistant to the mites, plans are to distribute hybrids between Russian queen bees and American drones. Agricultural Research 46 (5): 23.

• The Florida Department of Citrus has reached an agreement with a manufacturer to make food products containing citrus, all of which must contain 25% citrus solids. Newly released products include yogurt, snack cups, breakfast bars, ice cream, salad dressings (orange-poppy seed salad dressing especially tempting), sauces such as barbecue and cocktail, marinades, and citrus iced tea. Citrus solids also are being processed into flour from which a citrus bread can be made. There even is a thought of making Orange Newtons. Citrus and Vegetable Magazine 62 (8): 20.

• In Missouri, researchers are testing honeybees which evolved in a mite-infested region of far eastern Russia. The bees already have passed US quarantine regulations and now are being tested, not only for resistance to mites (varroa and tracheal), but also for honey production and other valuable traits. If they are resistant to the mites, plans are to distribute hybrids between Russian queen bees and American drones. Agricultural Research 46 (5): 23.

• An article in Greenhouse Grower 16 (8): 55-56 regarding Plectranthus mentions that there are 350 species. Most of those grown do not have attractive flowers and are only grown for their foliage. However, P. fruticosus has attractive light blue flowers and P. ecklonii has spectacular deep blue flowers.

• An article in Greenhouse Grower 16 (8): 55-56 regarding Plectranthus mentions that there are 350 species. Most of those grown do not have attractive flowers and are only grown for their foliage. However, P. fruticosus has attractive light blue flowers and P. ecklonii has spectacular deep blue flowers.

• A new form of California pitcher plant (Darlingtonia californica) was found in the Sierra Nevada in 1997. It lacks red pigment in the leaves and especially in the flowers with the result that the flowers are green. The plant has been given the cultivar name ‘Othello’, after that character in Shakespeare who was furiously jealous, causing his companion Iago to remind him that jealousy is symbolized by the color green. Carnivorous Plant Newsletter 27 (2): 41-42.

• Although the number of cut trees from urban areas that were being dumped into landfills. As a result, he started a woodwork company using the unwanted remains. He collects (in a 100 mile radius) hardwoods such as black walnut, box elder, ash, birch, Siberian and American elms, Ailanthus, Norway maple, catalpa, white ash and chestnut to name a few. Arborists are paid firewood log price for the trunks and larger limbs. He particularly likes tree crotches, knees and any other unusual formations. The materials are used to make jewelry boxes, candle holders and an array of handcrafted wood products. Arbor Age 18 (6): 8-9.

• According to an article in The Garden 123: 478, the world’s oldest living tree is Huon pine (Lagarostrobos franklinii) and is growing in Tasmania. Its age, 11,000 years, was confirmed by taking a core sample of the tree’s rings. Cuttings from that tree were taken to England where they were successfully rooted. Although the cuttings are not 11,000 years old, the tree is, thus the genetic makeup of the cuttings has been unchanged for that long.
EDUCATION AT THE GARDEN

From the Education Director

With this new column, I look forward to sharing with you my vision, plans, and activities as the Garden's Education Program grows and diversifies. I am developing coordinated activities in four arenas: 1) support of Cal's faculty and students by providing increased opportunities for teaching and student research; 2) development of curriculum materials and training workshops for pre-college; 3) direct service to K-12 students in the Garden and in their classrooms; and 4) interpretation of our magnificent collection for the public.

In several areas the Garden has successful programs in place. Over 100 docents reach nearly 9,000 children each year through tours of the Garden and programs presented in East Bay classrooms. This year monthly continuing education programs for docents provide information and skills so they can enrich their presentations and their own enjoyment as they volunteer in the Garden. Each workshop also addresses one of this year’s program priorities, from how to give more effective tours for individuals with limited English to generating specific activities to be incorporated into a variety of tours.

Building on the success of last year’s Foods of the America’s program, the Garden is presenting the program for three weeks this year. Nine hundred 4th- through 6th-grade students will be given 90-minute tours of this exciting program developed by Kathy Welch and Alison Mills with graphic design by Emily McKibben. Ina Spinka capably took the reins this year to ensure all pieces of this wonderful program were in place. This year we are targeting the East Bay Hispanic community and inviting them to visit our Mesoamerican Marketplace. Spanish speaking Cal students will join our docents on several weekends to provide a special welcome.

I am interested in providing our Garden visitors information through myriad activities. 9,000 adults are reached annually through docent tours and programs. Brochures provide quarterly highlights about the collection, and two new thematic self-guided brochures will be printed this fall. Barbara Lyss’ outstanding stewardship of our interpretive trail publication efforts continue to channel ideas into the printed word. Thank you, Barbara! I invite all of you to visit two new exhibits in the Garden. Thanks to funds from the Stanley Smith Horticulture Trust, an exhibit of the origin of foods can be found in the Crops of the World Garden. This fall, the exhibit will feature information about Mexican cuisine. In the Redwood Grove, the Miocene Forest Trail is better defined through an exhibit that includes fossils to compare with living...
genera in the Garden's collection. Evaluations of the exhibits are being collected at both of the exhibit sites. I encourage you to review the exhibits and tell me what you think. Reaction to these exhibits will help formulate plans for future signs and exhibits in the Garden.

In future columns I will share some of the activities in other education arenas. As we develop each arena, surveys and evaluations continue to be made. I hope when you are asked, you will take the time to participate and give your opinion. In doing so you will directly influence the interpretive efforts that help you enjoy your Garden even more. I welcome your ideas and suggestions.

Jennifer Meux White
Associate Director for Education

A new exhibit this fall in the Crops of the World Garden features information about Mexican cuisine.

BOOK NEWS

Peter R. Dallman's book, Plant Life in the World's Mediterranean Climates, is of particular interest to us in Northern California, living as we do in one of only five areas of the world that enjoy a Mediterranean climate.


Elly Bade

The Garden Shop offers a 10% discount to members of the UC Botanical Garden.
The Garden Shop

The Garden Shop is run by volunteers (with training and assistance from Candice Schott). During the past year, the Shop has blossomed with artworks, discovered by card and gift buyers Emmy Sorter, Janean Jaklevic, and Lee Hafter. They have sought one-of-a-kind gifts from local artists. Among the recent arrivals are stunning botanical drawings by Antonio Valente da Silva, black and white photos of cacti and succulents by Sara Seymour, and exquisite paper and dried plant abstracts by Sydney Ferrill. Two of the Shop’s own volunteers also make cards. When Jean Nunnally is not working in the Shop, she collects and dries flowers. From these she fashions vivid-hued cards portraying flowers and their insect and bird companions. Janean Jaklevic also takes inspiration from the organic forms and textures of plants, mounting her photographs to produce cards that reveal vistas in the Garden. Two of Janean’s photos are now available as refrigerator magnets.

The Shop also features wooden bowls shaped by professor emeritus John Doyen, decorated ceramic pots by Jill Gibson, decorated gourd bowls by Sally Morgan, vegetable parchment bowls by Margaret Dorfman, and Craftsman-style tiles by Stuart Compton.

Elly Bade, now assisted by Nancy Markell, provides the Shop with a wonderful selection of books and briefly reviews a selection in each Newsletter. To assist you in your search for new and unusual titles, an inventory list is available in the Shop.

The plant deck is stocked through the efforts of the volunteer propagators, ably guided in this activity by Martin Grantham. A special thank you to volunteer plant sales coordinator Theresa Lipton for the wonderful selection that is available every day.

Affiliated Nurseries

The Garden is pleased to present the following nurseries offering a 10% discount on plant materials to UC Botanical Garden members (remember to present your membership card at time of purchase):

- **Copacabana Nursery**
  234 Hall Drive
  Orinda
  (510) 254-2302

- **The Dry Garden**
  6556 Shattuck Avenue
  Berkeley
  (510) 547-3564

- **East Bay Nursery**
  2332 San Pablo Avenue
  Berkeley
  (510) 845-6480

- **Grand Lake Ace Garden Center**
  4001 Grand Avenue
  Oakland
  (510) 652-9143

- **Magic Gardens**
  729 Heinz Avenue
  Berkeley
  (510) 644-1992

- **Smith & Hawken**
  1330 10th Street
  Berkeley
  (510) 527-1076

- **Thornhill Nursery**
  6250 Thornhill Drive
  Oakland 94611
  (510) 339-1311

- **Westbrae Nursery**
  1272 Gilman Street
  Berkeley
  (510) 526-7606

- **Yubasaki’s Dwight Way Nursery**
  1001 Dwight Way
  Berkeley
  (510) 845-0335
Mountain Lion Sighting: On Wednesday July 15th, a Garden visitor sighted a mountain lion just outside the Garden fence bordering the Mediterranean Area. This sighting was confirmed with additional evidence (scat found inside the Garden boundary) examined by campus zoologists. The lion was still in the area as of late August, scratching trees on the adjacent Lawrence Berkeley Laboratory property. A safety sign explaining what you should do if you encounter a mountain lion was posted near the Garden entrance last year (next to the rattle snake warning sign).

Curator Holly Forbes, Associate Director for Education Jennifer White, and Business Manager Elaine Meckenstock attended the national meeting of the American Association of Botanical Gardens and Arboreta in Philadelphia this past June. The meeting achieved its highest attendance in association history (over 750 registrants!). Holly Forbes and Jennifer White gave presentations on collection development, conservation education, and children’s education in gardens.

Congratulations to Assistant Horticulturist Shirley Carrie Brewin and husband Austin on the birth of Austin Brewin IV on July 8th!

Publicity and Events Coordinator Ezinda Franklin left the Garden on July 29th to attend law school at Georgetown University. We wish her the best of success.

Curatorial Assistant Martin Grantham was selected to receive the California Horticultural Society’s Education Award for the best collection of plants brought in and discussed at a meeting in 1997. The plants, 12 species in the Restionaceae, will be described in a future issue of Pacific Horticulture magazine. He made a presentation to Strybing Arboretum Society’s docent council in July titled “Introduction to the Cape Floral Kingdom.”

Martin traveled to Tucuman, Argentina in early August for the South American area meeting of the International Plant Propagator’s Society. He spoke on growing South African restios in California.

The Greater Bay Area Network biennial meeting was held August 21st at The Bancroft Garden and The Garden at Heather Farms. Curator Holly Forbes, volunteer plant sales coordinator Theresa Lipton, and students Terry Chou and Amy Rusev attended from the Garden. We are pleased to announce that a map guide to many of the non-profit botanical and display gardens of the Greater Bay Area will be published later this fall under the auspices of this group with matching funding from the LEF Foundation.

The Center for Plant Conservation (CPC), the only national organization dedicated exclusively to preventing the extinction of America’s threatened plants, has been named one of this year’s Chevron Conservation Award winners for its outstanding efforts to save 2,000 native plants at risk of extinction. The CPC is a network of 38 botanical gardens and arboreta located throughout the United States, headquartered at the Missouri Botanical Garden. The CPC received one of nine awards presented by the nation’s oldest and most prestigious conservation awards program. The Garden has been a participating institution in the CPC since 1988.

Saturday, December 5
10 am – 2 pm

A splendid selection....
This is the place to shop for your gardening friends.

GARDEN NOTES

Holiday Plant Sale
Travel with the Garden

Venezuela

from Amazonas to the Andes—The Lost World of the Tepuis & the “Serengeti” of the Llanos

Come along and experience the wondrous world which is Venezuela with UCBG Horticulture Manager David Brunner. The trip will provide opportunities to enjoy and learn about one of the most biologically diverse countries in the world. We will visit the extraordinary world of the Tepuis, sandstone massifs which rise strikingly thousands of feet above the tropical forest, and where Angel Falls plummeting off the precipice. On the summit of Kukenan tepui we will encounter a world evolved in near isolation where the daisies are trees and the pineapples are carnivorous. Next, we will visit the Andes where within only a few miles we’ll travel upward from towering lowland rain forests, through orchid and fern drenched cloud forest, into the Paramo with its giant herbs, and finally the miniature gardens of the alpine zone above 12,000 ft. Along the way we’ll see birds of every description including the Andean cock-of-the-rock and even perhaps the mighty Andean Condor. We’ll also stop and see the Evergreen Dry Forest of Andean valleys where Cattleya and other orchids abound and where cacti have large leaves. Finally, we will experience the Llanos, the extensive floodplains of the Orinoco Basin where wildlife is so abundant, the area is often called the “Serengeti of South America.”

Travel dates are February 1-14, 1999. For reservations and further information contact Geostar Travel at (800) 624-6633.

New Members

The Garden welcomes the following new members:

Katherine Alexander
Cate and Patrick Beatty
Steven Beckendorf
Georgia Becker
Mike Beckett
Steve and Sara Beckman
Jacqueline Cantwell
Thomas Carlson and Jennifer Sowerwine
Jane Chambers
Lu Charlotte and Jerry Wescott
Jack Darkhand
Diane Earl-McCan
Jack Edelman
Diana and Patrick Ellsworth
Alice Elsbeth
Doug Fisher
Linda Poust
Susan Gibbs
David Gray
Robert and Alma Hill
David Jamieson
Lottie Jenny
Monica Kagdis
Stephen Klum and Nila Ryan
Conrad Lebel
Dana Isgreen
Adrian Lourie
Aron Mazzie
Phyllis Mar
Laurel Miller and Felix Locher
Robert Morey
Jay Neville and Wendy Huang
Matthew O’Reilly
Maurice Ostfeld
Malcolm Perkins
John Primich and Katy MacDonald
Marta Puebla Falco
Diane Redalia and Eve Clausnitzer
Jean Reyes
Lauren and Rus Ritter
Ruth Sackett
Susan Shortell
Greg and LouAnn Sinicrope
Nora St. John
Carolyn Steinhaus
Jill Stephens and Bill Wilson
Ted Stevens
Mary True
Janice Van Duzer
Peter and Katherine Wallace
Pat Woolley
Helen Yee

Photo by Barbara Hopper

Photo ©Otto Huber from Flora of the Venezuelan Guayana
In Appreciation
The Garden offers appreciation and thanks to these donors for their generous contributions:

Hillside Gardeners of Montclair  
Dr. and Mrs. Bernard Dietz  
Mrs. Phyllis Faber  
Karl Lauby  
Cactus and Suiculent Society

Special Thanks
The Garden would like to honor and thank those supporters making substantial donations:

Wendy Zomlefer, Ph.D.  
San Francisco Orchid Society

In Memory
The Garden offers appreciation and thanks for gifts from these donors in memory of:

Ed Markell from  
Robert and Caroline Lichtenstein

Robert and Evelyn Ratcliff from  
Berline and Associates  
Phillip and Catherine Bradley

Robert Ratcliff from  
Carolyn Silk

C. Williams from  
Phillip and Patricia Blanche  
Susan Speller and Donna Magee

The Yabusaki Family from  
Kathleen and Harry Heckman

Gifts in Kind
The Garden offers appreciation and thanks for gifts in kind:

Phyllis Ashworth  
Bill and Elly Bade  
Peggy Blackford  
Bibi Chapman  
Robert Everingham  
Norris and Iris Gaddis  
Linda Gowan  
Robert Huston  
Ben Lane  
Mrs. Langston  
Paul Leondis  
Kenneth Marukami  
Robert Orduff  
Pamela Pierce  
Dale Thomas  
Bill Weaver

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

Joseph and Clara Barbaccia  
Mike Boss  
William and Beverly Bouwsma  
Ronni and John Brega  
Mrs. Georgia Brumbaugh  
Mr. and Mrs. James Carroll  
Mrs. David Chase  
Mary Ann Cobb and Peter Wilson  
Eleanor Cray  
Ramon Davis  
Jack and Phyllis Dolinnow  
Robert Epstein and Amy Roth  
Mrs. Inger Fair  
Anne Goetsch  
Marcie Grassow  
Elizabeth Hock  
Thomas Koster  
Diane Kothe and Frank Dobson  
Paul and Barbara Licht  
Marjorie Maher  
Judith and W. Stuart McKeef  
Stan Osofsky  
Robert and Esther Osselt  
Donna and Darwin Poulos  
Jim and Ruth Reynolds  
Ronald and Jane Richards  
Debbie Sanderson and Michael O’Hare  
Susan Shortell  
Mary Swall  
Carol Thompson and Roderick Duncan  
Elizabeth Waterman  
Jennifer and Russell White  
Elise White  
Patricia and George Wolf

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Holly Forbes, Curator  
Elaine Mackerstok, Business Manager  
Dr. Jennifer White, Associate Director for Education

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Tours/Rentals  
Plant Collections  
Volunteers  
Fax

E-mail: garden@uclink4.berkeley.edu  
Website: http://www.mip.berkeley.edu/garden/
CALENDAR OF EVENTS

Sick Plant Clinic
Dr. Raabe and Dr. Mills will see all patients on the first Saturday of every month, 9 am to noon, in the Garden Conference Center.

Explore Your Garden with Mia Amato (MA)
Tues, Oct 27
Well-known garden writer and designer Mia Amato, familiar to us from her many years of garden columns in the San Francisco Examiner, will talk about gardening and the scientific reasons we gardeners do what we do. Afterwards she will be available to sign copies of her delightful and useful new book, The Garden Explored. Light refreshments will be served. 7:00 pm. Mirov Room. Members $8, non-members $10.

Femmes Fatales: Mystery, Murder and Medicine
Sun, Nov 8
Learn the lethal secrets of Cleopatra and Lucrezia Borgia, among others! Vivien Hallgrove of Mom's Head Nursery in Sonoma County will share some of the fascinating lore she has gleaned from years of herb gardening. This slide lecture will focus on plants infamous in history for their mysterious powers and poisonous potential. 10 am – noon. Mirov Room. Members $10, non-members $12.

The NO Water Garden
Sun, Nov 15
Now is the time to plan and plant for your NO water garden. With near record rainfall this past year, can a drought be far behind? Kristin Yanker-Hansen is a lively practitioner and advocate of NO water gardens, and is prepared to share her secrets with you. 1 – 3 pm. Mirov Room. Members $10, non-members $12.

HOLIDAY PLANT SALE
Saturday, December 5
A splendid selection of houseplants, cacti and succulents, rhododendrons, ferns, orchids and bromeliads and the newest plant books. This is the place to shop for your gardening friends. 10 am – 2 pm Garden Conference Center

Holiday Wreath Making
Mon, Dec 7; Tues, Dec 8; Wed, Dec 9
Garden staff members Nancy Swearengen and Jerry Parsons will guide you in creating spectacular fresh holiday wreaths and swags. You can experiment with unique plant materials from the Garden and beyond, including greens, pods, cones and more. Three classes offered:
Monday, December 7, 7 – 9 pm
Tuesday, December 8, 7 – 9 pm
Wednesday, December 9, 9:30 am – noon
Mirov Room. Members $15, non-members $20.

A Celebration of Roses: Rose Pruning
Sat, Jan 9, 1999
In our area it’s time to prune the roses right after New Year’s. Do it right this time. A hands-on workshop with Peter Klement, the Garden’s rose expert, will give you all the tips and tricks you should know if you grow roses. 10 am – noon. Mirov Room. Members $20, non-members $25.

Dreaming of Roses
Sat, Jan 9
Betsy Klebsch, popular local author and Salvia expert also knows a thing or two about roses. Join us for Betsy’s wonderful slide lecture about two fabulous French rose gardens, and heed her advice for eye-catching companion plantings for roses. 1 – 3 pm. Mirov Room. Members $10, non-members $12.

Planting an Old Fashioned Garden from Seed
Sat, Jan 23
Are you lusting for the full and luxurious look of a border crammed with plants you can’t find anywhere? Come learn what, when, and how from the doyenne of special seeds, Renee Shepherd. 1 – 3 pm. Mirov Room. Members $10, non-Members $12.

Upcoming Travel Adventure
February 1–14, 1999
Venezuela: From Amazon to Andes
An adventure you won’t want to miss! Explore Venezuela from towering lowland rain forests to the Andean paramo. Visit the bizarre Tepui formations and see spectacular Angel Falls pouring off the precipice. Experience the Llanos, where wildlife is so abundant that the area is often called the “Serengeti of South America.”
For more information, please call GeoStar Travel at 800-624-6633.

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Plants are for sale at The Garden Shop all year Phone: 510-642-3343