The Garden as Museum

Living Collections

The University of California Botanical Garden, as one of the six components of the Berkeley Natural History Museums consortium, is indeed not only a garden, but also a museum. But just what does this mean? At its most basic, a museum is an institution that holds a collection of objects in the public trust. In addition to the object-based institutions we traditionally think of as museums, the American Association of Museums also recognizes zoos, botanical gardens, and arboreta as museums. Botanical gardens and arboreta hold collections of living plants, in contrast with herbaria, which contain dried, pressed non-living plant material.

Some public gardens are designed to create a particular aesthetic, bringing together a collection of plants primarily to create a beautiful display and often focusing on flowering plant material. The UC Botanical Garden (the Garden) does this and much more. As a museum based in a major research institution, the Garden fulfills the three primary functions of a typical academic museum: teaching, research, and exhibition. Additionally, in an aspect of museum life unique to living collections, the Garden participates in local, national, and even international plant conservation efforts.

The value of a museum collection lies in the objects assembled. The Garden is unique among botanical gardens nationally in the degree to which specimens are derived from wild collected sources. This means that the plants in the collection represent the original gene pool of a given plant from a specific geographical location, and therefore these plants are of great value to researchers, who can obtain specimens from us rather than having to travel the world to obtain them. Scientists studying the evolutionary relationships among organisms have long utilized natural history collections in their research. With the advent of molecular and genetic techniques, the importance of genetic material that is accompanied by accurate collection data has made our institution an important source for research material both nationally and internationally.

(continued on page 2)
GARDEN AS MUSEUM (continued from page 1)

While the wide variety of plants may be the dimension of our collection most apparent and accessible to the general visitor, it is the data combined with this breadth that carries significance for the scientific research community. Nearly all the plants in the collection are accessioned. A fundamental museum operation, accessioning means that specimens are assigned a unique number that links them to a full complement of information contained in a database. The accession number appears on each plant label, along with the technical name, common name when known, family name, and geographical origin. The Garden is one of the best-labeled plant collections in the nation, and each label contains only a portion of the information available to researchers that is compiled in the database.

Computerized database management facilitates work in any museum collection, and the unique nature of living—and sometimes dying—plant collections makes the ability to rapidly update information particularly valuable. Plants die or are removed for any number of reasons, but the information accompanying those plants remains in the database and is available to researchers. Such data also may guide Garden staff in making decisions about what to plant in the future. The horticulturists and curatorial staff work closely to keep accession records up to date.

Additionally, plants that die or are removed from the Garden may not be lost to research. Portions of many Garden plants are preserved for future scientific use through the process of vouchering, or preserving dried and pressed specimens. For many years vouchers have been taken from the collection and deposited in the University and Jepson Herbaria, another member of the Berkeley Natural History Museums consortium. While many free standing botanical gardens have their own herbarium, the considerable research strength of UC Berkeley allows for several separate and vigorous museum units.

Gardens face many challenges in assembling a diverse collection of plants that can be used for teaching and research. Cultural requirements of plants vary widely, and finding a way to knit plants together into an aesthetically pleasing and conceptually coherent framework can be daunting. Those familiar with the Garden know that its collections are arranged primarily in a biogeographical fashion: plants are grouped according to their continent or geographical region of origin (e.g., Southern Africa and California). Certain special collections are grouped according to taxonomy (e.g., Palm and Cycad Collection) or ethnobotanical usage (e.g., Chinese Medicinal Herb Garden).

TEACHING

California Pitcher Plant
Darlingtonia californica (81.0527)
The Garden maintains many specimens used in the teaching programs of the university. Potted specimens, such as this Darlingtonia are brought down to campus annually for use in undergraduate teaching labs.

RESEARCH AND COLLECTING EXPEDITIONS

Nicotiana tomentosa ssp. leguiana (36.0020)
Plants in the Garden collection come from many sources. While exchanges with other botanical gardens from around the world are the most common source, some plants are derived from UC research expeditions. This Nicotiana was collected in Peru by James West in 1935 during the first Garden expedition to the Andes. It can be found in the South American section of the Garden in bed 653. A dried voucher specimen is also housed in the UC Herbarium.

STATISTICS

Afrocarpus gracilior (28.0175)
The oldest plant in the collection is this Southern African conifer, Afrocarpus gracilior. Its accession number, 28.0175, indicates that it was the 175th accession to enter the collection in 1928, soon after the Garden moved from the main campus to Strawberry Canyon. Formerly known as Podocarpus gracilior, this species has become a popular street tree in the San Francisco Bay Area.
A series of collections with particular educational uses and specific cultural requirements are housed indoors (e.g., Tropical, Arid, and Fern and Carnivorous Plant Houses). Landscape architects and garden designers have designed portions of the garden, while other areas have been developed from the expertise of our horticultural staff. With its spectacular location in Strawberry Canyon, the beauty of the Garden is enhanced by the borrowed landscape that surrounds it.

Taken in its stunning entirety, the Garden is indeed more than the sum of its parts. Nonetheless, an understanding of those parts helps us appreciate the significance of this amazing teaching and research resource. As of this writing the Garden houses about 18,200 living accessions. These accessions represent approximately 12,250 taxa from about 305 plant families. An individual accession may consist of one or many plants grown from the same seed batch or propagated vegetatively, meaning that the actual number of individual plants in the collection is quite large and not something we can even track! It is difficult to compare the size of botanical gardens due to the varying ways in which data about collections are recorded, but our best estimate suggests that the Garden is the 3rd or 4th largest collection in the U.S. in terms of number of accessions and species, and perhaps among the 12 to 15 largest in the world. The boxes surrounding this article focus on individual plants or accessions that illustrate the diversity and uses of the collection.

—Chris Carmichael
The rainy season has been in full swing and the effects are clearly apparent. Dormant plants are coming to life throughout the Garden and everything looks fresh. Just as I was about to write that we have been spared any serious winter damage by rain or frost, we were hit with the heavy rainstorm of February 25th. While no real disaster, the vulnerability of our road and path system became painfully obvious. The real sight to behold, however, was the rushing torrents and waterfalls in Strawberry Creek as the run-off coursed through the Garden, fortunately staying within its normal confines.

In looking back at other recent winter events, I should call attention to the Holiday Plant Sale that was one of the most successful ever. People were surprised by the array of plants we had to offer; it is time to get the word out that this is not just a small sale of indoor houseplants, but also includes many prized perennials. We’re planning to expand offerings again next year.

We have two more big events coming up soon. The first will be the annual Spring Plant Sale on April 23rd (for members) and April 24th. We are planning special treats for the members’ evening pre-sale and I hope you will all join our party. Revenue from our plant sales comprises a significant part of our operating budget, so save up your plant needs and join us. The next major event will be the annual Garden Party in June. This year the theme is: Savor the Solstice in the Summer Garden. We’re planning a host of refreshments (food and wine) and musical entertainment for the afternoon of Saturday, June 19th, and I hope to see all of you and your friends and family. We will have a lot to celebrate: the more the merrier!

We took advantage of the general slowing of visitors this winter to initiate some major long overdue repairs. Perhaps the most visible was the replacement of the retaining wall adjacent to the Conference Center, made possible by a generous gift from Norman and Janet Pease. The new wall is made from heavy redwood and is likely to outlast all of us and several future generations. In the process, the road next to the Center was widened to allow vehicular access for the first time down to the doors of the Conference Center and the Tropical House.

A related project was the replacement of several hundred feet of retaining wall along the entire lower path leading up to the Hammond Interpretive Deck in the Californian Area. This improvement will make the path safer and allow light vehicular access to the chaparral area which was planted well over ten years ago. A formal path system was never installed, partially because of limited labor and access.

The volunteers have a new home in the building next to the kiosk. The remodeled and refurnished space will provide a legitimate work space for all. Completion of the Jane Gray Research Greenhouse has been delayed, possibly until June, due to need for an electrical upgrade of the entire Garden system. A number of other additional pressing issues remain, notably the need to repair the rock wall in the Asian Area, but funding has not yet been identified.

Perhaps the biggest infrastructure issue on my mind is the plan for a new and proper Garden Entrance. You will recall that we have a target of $500,000. I am happy to announce that we have just passed the half-way point; available funds will at least allow us to begin Phase I—the front gate—this year as planned. It would be unfortunate if we were not able to complete the entire project, including the remodeling of the inner terrace, at the same time. In fact, the possibility of some important gifts of materials and labor will be lost if we do not have sufficient funds to begin this work. Therefore, I appeal to you to consider contributing now. If you have been waiting, now is the time to make a difference. If you have already contributed, perhaps you would consider increasing your gift. We really can make this dream a reality this year with your help.

—Paul Licht
Special offerings, rare plants, bargains

Spring Plant Sale

Members' Preview Sale
Friday, April 23rd, 2004
5 pm to 7:30 pm

Public Sale
Saturday, April 24th, 2004
10 am to 2 pm

The annual Spring Plant Sale will feature some special offerings from the Garden's collections, including *Canarina canariensis*, a lovely perennial with orange bell-shaped flowers from the Canary Islands; a diverse selection of species *Beschorneria* from the Mexican/Central American collection; a lovely North American desert fern, *Cheilanthes lindheimeri*; a charming dwarf shrub from New Zealand, *Hebe decumbens*; and a rare and unusual perennial, *Geranium goldmanii* from Mexico.

This year the Garden is also pleased to offer an expanded selection of unusual orchid species and cultivars, both young propagations and plants in bloom; a large selection of mite-resistant *Fuchsia* cultivars, and a diverse selection of choice and unusual cacti and succulents for both home and garden.

On Friday, April 23rd from 5:00-7:30 pm, the Arid House entrance will be transformed for the Members' Preview Sale with complimentary food and wine and a silent auction of rare and choice plants. Some of the offerings for the auction will include *Blechnum chilense*, specimen

*Beschorneria*, *Chiranthodendron lenzii*, *Illicium mexicanum*, *Pseudopanax lessonii*, *Gunnera 'Hercules Hybrid*', and *Helmholtzia glaberrima*, *Prunus cerasifera var. campanulatus*. This event is free to all Garden members, with memberships available at the door.

For the public sale, on Saturday April 24th, there will be a raffle of choice garden plants, many donated by our supporting nurseries (at which garden members receive 10% discounts). Included will be a *Boophone disticha* from the Dry Garden Nursery and a collection of unusual *Tillandsia* species from the Grand Lake Ace Garden Center.

For both sale days there will be a wide selection of choice and rare succulents, bulbs, perennials, trees, shrubs, carnivorous plants, vines, and houseplants. We have a special offering of over 100 *Lapageria rosea* seedlings. Back by popular demand, a "Bargain Plant" Section will feature many plants $3 or less.

For a list of plants to be offered at the spring sale and auction log onto the Garden's web site at http://botanicalgarden.berkeley.edu
The Garden family held the cold of winter at bay on January 15th when we hosted a "History of Volunteering" tea to honor those who were among the founders of the Docents and Volunteer Propagators programs. The warmth and good will emanating from the Conference Center during the event would have melted the fiercest winter blast. Today, it is hard to believe that the Garden did not formally open to the public until 1970 under Director Mac Laetsch. Following the model of Dr. Laetsch's successful Junior Docent Program, Director Bob Ornduff launched the Adult Docent Program, which in turn quickly spawned the Volunteer Propagators. The day's honorees included Elly Bade, Ramona Davis, Fred Dortort, Kate Heckman, Ruth Hendrix, Nancy Markell, Margaret Mitchell, Mary Pierpont, and Mary Schroter, who chronicled the rich history of these programs in the Garden.

While I won't recount all that was said (and many were the hilarious and touching stories the honorees shared with us), two stories come immediately to mind. Elly described how her request to become a docent in the Garden was refused. Although laughing heartily, Elly described how it took her three tries to be accepted as a volunteer. The Garden would have been so much the poorer if Elly had not persisted! Many have commented on the magic touch Mary Pierpont has with our very youngest children in the Garden. She shared how important it is to expect the unexpected when leading children. At one stop she pointed out a tree that had been cut down and asked, "What does this tree tell us?" Mary had expected something along the lines of "the rings show how many years old it is", when a child piped up with "That the tree is cut down!" After the laughter quieted, in her cheerful voice Mary affirmed the joy of teaching children. More than one docent-in-training remarked to me that this story helped to allay their worries about their own upcoming "real" tours.

The camaraderie and general good will with obvious displays of love and affection for the Garden made for a moving event. Furthermore, it exemplified what is so wonderful about the common concern for this institution.

Our special thanks go to Linda Govan, Gayle Roberts and Nancy Swearengen for organizing the event and another to Nancy who also served as master of ceremonies.

Less than a month later the Garden graduated its newest class of docents. Please welcome to our ranks of educational volunteers Sherry Albrink, Michael Chinn, Elaine Halnan, Ruby Long, Hussein Mohamed, Kleo Pullin and Sally Schroeder. They have already begun shadowing seasoned docents on tours and this spring will be fully fledged. They are a wonderful class and I look forward to the diverse contributions they will make as they share with the public their new-found knowledge and the inspiration they find in our beautiful Garden. As the "History of Volunteering" tea in January demonstrated, volunteers are the backbone of our programs that support, educate and inspire the public.

While Garden tours are effective in opening the eyes of children and adults who come to the Garden, many of our efforts are designed to inspire and inform wherever families are found. For many minority families, local schools are their primary, and maybe only, community center. As research shows, connecting parents with
their children's education remains a primary strategy for improving student achievement. Our educational outreach efforts seek ways to support parents to better connect with their children's schools. We have been successful in using school gardens as a starting point in these efforts.

The Garden's education outreach program has initiated a new effort to involve more minority parents in elementary school garden programs and in their children's schools. As we have discovered, one of the best ways to design effective programs is to ask the intended audience about their interests and concerns around a given topic. We recently held two focus groups involving twenty Hispanic parents. We asked them about their expectations, concerns and interests in having gardens at their children's schools, and how we could support their involvement. Their responses revealed a strong interest in gardening for themselves and their children, a deep conviction of the value of working and learning in gardens and some of the constraints in their lives that prevented participation during weekdays.

We gleaned three action points of consensus that have guided the development of our newest efforts:

1) Parents want to learn how to grow things with their children;

2) Parents enjoyed working in gardens with their parents and grandparents but now are living in apartments with no garden space, and value school gardens to provide that experience for their children; and

3) Parents expressed interest in having their children grow the foods that are culturally significant to them.

Using these lessons as a springboard, the Education Outreach Program began providing horticultural activities for families at monthly Saturday Breakfast Clubs at Muir and Tyrell Elementary Schools in Hayward. The Breakfast Clubs have been established in Hayward for more than 12 years. Each month at two different local elementary schools, families can come for a hearty, nutritious breakfast and academic programs for children. After breakfast children can work with a tutor, play math games, or read books while parents chat or attend programs. The Garden's offer to provide a program for parents was enthusiastically received.

Our staff trained others from the Hayward Nutritional Learning Communities Program, and then together presented horticultural training for family groups. In February, families learned to create seeding cups out of newspaper and to turn egg cartons into a window planter. Moms, Dads and children then chose the seeds to plant in their take home planter.

Bilingual instructional signs and diagrams were prepared to turn a directed classroom activity into a set of self-directed activity stations. With the help of eight volunteers from the local community, 150 delighted parents and children cycled through the stations over the course of an hour, converting the materials into 50 to 60 egg carton planters each Saturday morning. Children in several families each made their own planter. A parent of a kindergartner and a mom who provides day care took enough materials to repeat the activity with groups of children the following week.

Initial response from the families has been positive. They are thrilled with receiving information about how to create a garden with materials around the house and straightforward horticultural instruction in Spanish. Many indicated a willingness to help out at workdays in their school's gardens now that they know people will show them how to help.

In March and April breakfast club families planted seeds and transplanted seedlings out into school gardens. On May 22 these families will visit the UC Botanical Garden for a day of activities introducing them to the Garden as an educational resource. Lichi Fuentes and Alisa Peres of Colibri vocal duo will cap the day's events with a bilingual sing-along in the Mather Redwood Grove.
The New Book of Salvias: Sages for Every Garden by Betsy Clebsch; drawings by Carol D. Barnes; Timber Press, Portland, OR, 2003; color drawings; color photos; 344pp.; hdc., $29.95.

An expanded edition of Betsy's first wonderful book on salvias, describing more than 50 new species and cultivars and how to use them in your garden.

Tangible Memories: Californians and Their Gardens 1800 –1850 by Dr. Judith M. Taylor and the late Harry M. Butterfield; Xlibris Corp., Philadelphia, PN, 2003; b/w photos; drawings; plant lists; 475pp.; paper, $24.95.

Dr. Taylor, using Harry Butterfield's manuscripts describing his nursery and garden visits, has recreated the development of early California horticulture.

The Savage Garden by Peter D'Amato; Ten Speed Press, Berkeley, CA, 1998; color illus. & photos; plant lists; 320pp.; paper, $21.95.

Advice, by a local, well-known expert on how anyone can successfully grow and care for carnivorous plants.

Keep Your Love for the Garden in Bloom...

...and help keep the Garden in bloom throughout the seasons, all through the years to come, by making a bequest to the Garden in your will. A bequest may be made either by stating a specific amount in your will to come to the Garden, or it may provide for the Garden with a specified percentage of the residue of your estate after all else is settled. Either way, such generous contributions make a substantial and ongoing difference in the life of the Garden.

Among our current supporters we are grateful to those who have planned a gift by donating appreciated securities, established charitable gift annuities or have established charitable remainder trusts to benefit the Garden. Planned gifts such as charitable gift annuities and charitable remainder trusts can provide you an immediate income tax charitable deduction and steady cash flow during your lifetime. Did you know that, depending on your age, a charitable gift annuity can pay you over 11% of your contribution each year for your lifetime? In this volatile economic market a steady cash flow is particularly important to many.

The UC Berkeley Office of Planned Giving, which is staffed by estate planning attorneys, would be happy to assist you in any of these matters. If you are interested in obtaining information about any of these possibilities, or if you need any help with regard to the preferred language to be used when making a bequest, please call (510) 642-6300, or call the Development Office at the Garden, (510) 643-2937.
THE DOCTOR SAYS

- Root knot nematode, a very small, soil-borne, root-infecting organism, is difficult to control. Tomatoes have been bred for resistance to this pest. Cultivars with the letters VFN are resistant to *Verticillium* and *Fusarium* wilts and to root knot nematodes. Finding resistance for other food crops has been difficult. In Louisiana, it was found that planting cucumbers in soil previously planted to root knot resistant tomatoes resulted in higher yields and lower percentages of galled roots than those planted following a tomato that did not have nematode resistance. Control was most effective if the cucumbers were planted immediately after the removal of the tomatoes. Waiting one month before planting the cucumbers resulted in lower yields, and waiting two months resulted in even lower yields. *Louisiana Agriculture* 46(3): 11.

- Peas frequently are used in meat-based infant weaning food formulae because they increase the protein content. However, green peas have low mineral content, particularly in iron and zinc. Chickpeas have a protein content similar to peas but have higher trace element contents. Protein digestibility is low in all legumes due to several inhibitors, including polyphenols, and these diminish not only the availability of the proteins but also of the trace elements. Chickpeas are lower in these inhibitors than other legumes but this is a variable factor. Researchers in Spain have worked out a simple two-phase system for determining the availability of trace elements in chickpea cultivars, thus improving the nutrient qualities of baby foods where they are used. *Journal of Science of Food and Agriculture* 83(15): 1547-1550.

— Robert Raabe

GARDEN NOTES

NEW STAFF... Perry Hall joined the Garden staff in November as our new Programs and Visitor Services Coordinator. In addition to developing and coordinating the Gardens programs and events, Perry provides support for the variety of visitor services. You may see her at programs and events, in the kiosk, or in her shared office with Margie Richardson and Afrooz Navid. Prior to joining the staff, she ran a landscaping business in the East Bay, focusing on drought-tolerant design and installation, as well as garden maintenance. She trained as an intern and student at the Merritt College Landscape Horticulture Department as well as at Strybing Arboretum and the Alameda County Master Gardener Program. Prior to landscaping, she taught English at San Lorenzo High School for four years, during which time she attended the UCBG School Garden Conference. She also taught Bay Area elementary school students about the San Francisco Bay ecosystem at the Shorebird Nature Center in the Berkeley Marina. Perry grew up in a remote area of Napa County where she developed a love of the California landscape.

HORTICULTURIST... Judith Finn recently completed a thorough reorganization and cleaning of the Fern and Carnivorous Plant House. Rotting wooden benches have been replaced with sturdy black plastic benches. A generous donation from family and friends in memory of long-time Volunteer Propagator Iris Gaddis made this bench replacement possible.

GARDEN HORTICULTURISTS... Nathan Smith and Bill Barany made a trip to southern California to pick up plant material generously donated by the Santa Barbara Botanic Garden, Rancho Santa Ana Botanic Garden, and the Huntington Botanical Gardens. They were also able to collect a number of California native plants from private property belonging to friends in the area.

GARDEN VOLUNTEER... Ginger Guthrie spent many hours in the Bancroft Library in 2003, compiling an index of the Garden’s archival materials. Neither the Garden nor the library had any listing of these materials, and her list has already been called into use for information. Thank you Ginger!
ACKNOWLEDGEMENTS

For the period 12/31/01 – 2/20/04
Memberships will be acknowledged in next newsletter

Donations in Support of the new Garden Entrance

$50,000
Janet and William Cronk

$10,000
Grant and Suzanne Inman
Paul and Barbara Licht
Richard and Mary Schroeter
William and Patricia Weeden
Ms. Alba Winkin

$5,000 – $9,999
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In honor of Mrs. Eileen Galloway
Joseph and Rosemary Campos
Ms. Sally Chapman
Ms. Betsy Clebsch
Rental and Rosemary Clendenen
Ms. Thomas Colby
Ms. Francoise Costa
Ms. Mary Lynn Cox
Ms. Wendy Draper
Funding for new benches in the Fern & Carnivorous Plant House was donated in memory of Mrs. Iris Gaddis.

To $99:
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$20,000
Norman and Janet Pease

$10,000
Mrs. Marion Greene
Mrs. Myrdie Wolf

$5,000 - $9,999
Mary and Richard Schrouer

Renovation of the Staffroom
Jane and Nelson Weller

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Dr. Klaus Dehlinger

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Education Program

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Mr. Larry Wolf
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$1-$99
Cal Fed Workplace Giving Campaign
Dorothy and Richard Annesser

New directional signs, which were supported in part by Jane and Nelson Weller, are helping visitors find their way around the Garden.

Mr. John Chastain
Lena Chen and Jeer Speidel
Leila and Peter Chesloff
Ms. Susan Cicilico
Louise and Johnson Clark
John and Cooper
Rosemary and Douglas Corbin
Ms. Sue Costins
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Carla D'Antonio and Thomas Dudley
Annual Garden Party
Todd Dawson and Stefania Mambelli
Frank and Janice Delfino
Jack and Phyllis Delphinow
Ms. Earl Dolven
Mr. Joseph Donohoe
Elizabeth Anne and John Doyle
Ms. Norma Dunlop
John Dunmire and Helaine Dunmire
Ms. Bettina Elliott
Mr. Richard Emory
Mr. John Erb
Sara Everett and Joe Sabel
Mr. G R F (John) Ferrari
Mr. Kirby Fong
Helen Frevel and Adnan Shakhias
Charles and Pauline Gallarini
Mrs. Ann Gillenoe
Mrs. Margarete Ginter
Ms. Rudolf Glasser
Ms. Perry Hall
Ms. Dora Halperin
Ananda Hamilton and Tim Hemmeter
Annual Garden Party
Ms. Lassie Hammock
Ms. Holly Harkey
Pat and Duncan Haynes
Harry and Kathleen Heckman
Ms. Tamra Hege
Ms. Nancy Hillyard
Ms. Camille Holzer
M. Billie Hopper
Justine Hume and Ursula Schultz
Stephen Jackson and Kiri Kody
Mr. Peyton Jacob III
Mr. Clark Janidow
Lyle Jensen and Mikel Ann Flannery
Mrs. Elizabeth Jewell
Larry and Barbara Jones
Mr. James Jones
Tim and Joan Kask
Ms. Jo Kendall
Ms. Suzanne King
Elena and Ronald Krause
Mr. and Mrs. Watson Laetsch
Ms. Marie Lagarde
In Memory of Ms. Didi Hayden and her children

Mrs. Yvonne Baker

Spring 2004

Dan Levin and Galyn Susman
Paul and Barbara Licht
Mr. John Gray Lunsford
Ms. Roberta Maloney
Tom Meyer and Rebecca Husband
Robert Ng and Aihwa Ong
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Ms. Susan Smith
Mrs. Bobby Sue Hold
Mr. Ted Tawshunsky
Ms. Alta Tingue
Ms. Catherine Trimburs
Mr. Harvey Trimburs
Mr. Thomas C. Weston
Dr. Cherie Wetzel
Mr. Joe Williams
Chuck and Barbara Woodward
Daniel Yansura and Patricia Tanttila
Ms. Alison Zaremba

Table dedicated to Sylvia Bonnell
(Mexico/Central America)
Fraser Bonnell

Bench dedicated to John and Virginia Chin
(Outside Tropical House)
John and Virginia Chin

Bench dedicated David and Alice Fong
(Southern Africa)
Darlene Fong and Deborah Fong

Bench dedicated to Ada and William Harrison
(California)
Ada and William Harrison

Bench dedicated to Catherine Lounis Hayden
(Southern Africa)
Catherine and Ben Barreras

Bench dedicated to Keiko Morimoto Hentell (Asia)
Marc Hentell

Bench dedicated to Marianne Loring (Australia)
Helmut Loring

Bench dedicated to Dorothy B. Nyswander
(California)
Ms. Sarah A. Jones
Ms. Davis P. Moon
Mr. John H. Payne
Ms. Elizabeth Rintoul
Ms. Alan J. Spector
Ms. Sylvia Yoshioka

Bench dedicated to Herbert H. Phillips (Australia)
Barbara and Herbert Phillips

Bench dedicated to Benjamin A. Ulrich
(New World Desert)
David and Sara De Zerega

In Memory of Ms. Mary Alendorf
Ms. Donna Preece

For Gifts in Honor or Memory

Ms. Mary Alendorf

In Memory of Estella & Vincent Clemens
William and Dorothy Clemens

In Memory of Mrs. Camille Connors
Elmer and Pamela Grossman

In Memory of Mr. George Flannery
Mrs. Alma Baskerville
Ms. Helen Jones
Janice and Kenneth Craik

In Memory of Mr. Quincy Fong
Darlene Fong and Robert Dister

In Memory of Iris Gaddis
Polly Beck
Mr. Norris Gaddis
Mr. H. Corwin Johnson
Allen and Lisa Matthews
Milton and Dorothy Morrison

In Memory of Ms. Marylynn Galatris
Ms. Sandy Lundgren

In Memory of Mrs. Peggy Leong
Darlene Fong and Robert Dister

In Memory of Dr. Robert Orndoff
Mrs. Barbara Lynx
Dr. Cherie Wetzel

In Memory of Mr. Greg Palamoutain
Mrs. Diane Spieler

In Memory of Mrs. Les Peterson
Ms. Donna Preece

In Memory of Mr. Ralph Pezzella
Ms. Donna Preece

In Memory of Mrs. Wayne Roderick
Mrs. Joan Rock Mirov Bailard
California Area
Mrs. Gladys Eaton

In Memory of Mr. Federico Schindler
Reynaldo and Jody Terrazas

In Memory of Leonard Skinner
Mrs. Barbara Lynx

In Memory of Mr. Eric Sudcliffe
Mrs. Gladys Eaton

In Memory of Ms. Ortha Zehowski
Ms. Marilyn Heilman and Various donors

In Honor of Ms. Joey Clark
Harry and Kathleen Stockman

In Memory of Ms. Dol Hayden and her children
Mrs. Yvonne Baker
Engaged in conversation with a frog, these visitors enjoy spring in the Garden. Sincere thanks to all of our supporters whose help makes the Garden’s ongoing operation possible.

ACKNOWLEDGEMENTS (continued from page 13)

In Honor of Dr. Paul Licht
Anonymous, via the East Bay Community Foundation

In Honor of Mrs. Nancy Markell
Gloria Goldberg and Harry Pollard

In Honor of Roger Raiche
Mrs. Myrtle Wolf

In Honor of Cecile Weaver and the volunteer propagators
Mrs. Gladys Eaton

Gifts received in support of:

Ornduff Fund
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In-kind donations
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The Chinese Medicinal Herb Garden
May and Ching-Wu Chu
The Chern Endowment in Memory of Mrs. Shih Ning Chern

Spring Garden Event 2002
In-kind gifts:
Amber Treasure
Annie’s Annuals
Bacheeso’s European Delicatessen
Bamboo Depot
Bunny Doon Farm
Bubi’s Catering
Charley’s Greenhouse Supply
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Ms. Janet Williams and Mr. Mark Wilson
Ms. Leslie Wozniak

Garden Party 2003:
Wines donated by:
Peter Franus Wine Company
Navarro Vineyards
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Whitford Cellars

Food donated by:
The Bread Garden
Bubi’s
Peet’s Coffee & Tea
Skates by the Bay
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NEWSLETTER
Holly Forbes, Editor

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CALENDAR OF EVENTS

ELEGANT SALVIAS FROM AFRICA AND CALIFORNIA
Sunday, May 2, 2004, 1 pm to 4 pm
Lecture with author Betsy Clebsch. Prepare to be dazzled by the many beautiful and aromatic salvias from Africa and California, ideal for Bay Area gardens. Event includes a book signing of the updated edition of her book, New Book Of Salvias: Sages for Every Garden, and a plant sale.
$30; $25 members. Registration required. Space is limited.

A WALK THROUGH THE GARDEN OF OLD ROSES
Saturday, May 8, 2004, 10 am to 12 pm
Enjoy the Garden’s ravishing collection of old roses on a walking tour with Horticulturist and rose expert Peter Klement, including the collection’s rich historical background and geographic origins.
$17; $12 members. Registration required. Space is limited.

BEGINNING BIRD WATCHING
Thursdays, April 22 to May 13, 2004, 9:30 am to 12 pm
Enjoy the thrill of practicing your new bird watching skills in the Garden with Dennis Wolff, longtime Audubon Society member and bird watching instructor. Four Thursday mornings.
$75; $65 members. Registration required. Space is limited.

SPRING PLANT SALE! – DETAILS INSIDE
Members Only: Friday, April 23, 2004, 5 pm – 7:30 pm
Sale to the Public: Saturday, April 24, 2004, 10 am – 2 pm.

SPINNING DEMONSTRATION AT THE FIBERS & DYES EXHIBIT
Sunday, April 25, 2004, 1 pm to 2 pm
Free with Garden admission.

GARDEN HOURS: The Garden is open from 9 am – 5 pm year round. Closed first Tuesday of each month. Summer Twilight Hours: Memorial Day to Labor Day, open Wednesday through Sunday until 8:00 pm. The Garden Shop is open 10:30 am to 4:30 pm daily.

University of California Botanical Garden
200 Centennial Drive, #5045
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