

California Native Bulb Collection

The arrangement of the California native area is primarily by plant communities, with the notable exception of the bulb display. There are bulbs in the garden from many parts of the world, but the collection of California native bulbs is by far the most complete.

This collection of California native bulb (and corm) plants has been in development for many decades, but was not brought together into one comparative planting until the 1960s by then-staff member Wayne Roderick. The current "bulb bed" display consists of two curved raised beds on the Oak Knoll in the northwest part of the Garden. This display, currently maintained by Roger Raiche and Shirley Carrie Brewin, includes 234 accessions of 14 genera and 118 taxa (including some natural hybrids). These are taxonomically arranged for comparative purposes, showing the variety of amaryllids and lilies of California. Researchers, students, and visitors can compare several accessions of the same taxon and others from different parts of the state, noting the remarkable diversity in flower color, shape, and size. The genera are *Allium* (onions), *Bloemeria* (goldenstars), *Brodiaea*, *Calochortus* (mariposa lilies), *Chlorogalum* (soapplants), *Dichelostema* (blue dicks, etc.), *Erythronium* (fawn lilies), *Fritillaria* (fritillaries), *Lilium* (lilies), *Milla*, *Hastingsia* (formerly *Schoenolirion*), *Triteleia*, and

Zigadenus (death camas). There is even a *Calochortus* named for Mr. Raiche, *Calochortus raichei* (Cedars fairy lantern). In addition to this nearly complete collection, we have 417 accessions of native California bulbs planted in other beds or in propagation in the nursery.

Many of these are rare and/or endangered in California, such as *Brodiaea pallida*, the Chinese Camp brodiaea from the Sierra Nevada, where it grows on private property and on adjacent land leased by the California Native Plant Society (CNPS). Additional endangered taxa (as designated by CNPS) include *Allium hoffmanii*, *Bloemeria humilis*, *Brodiaea coronaria* ssp. *rosea*, *B. filifolia*, *B. insignis*, *B. kirkensis*, *B. oruttii*, *Calochortus obispoensis*, *C. raichei*, *Chlorogalum grandiflorum*, *C. purpureum* var. *purpureum*, *C. purpureum* var. *reductum*, *Fritillaria agrestis*, *F. liliacea*, *F. pluriflora*, *Lilium pardalinum* ssp. *pitkinense*, and *Triteleia ixioides* ssp. *cookii*. Two of these taxa are being studied with support from the Center for Plant Conservation, *Brodiaea pallida* at UCBG, and *Lilium pardalinum* ssp. *pitkinense* (Pitkin marsh lily) at the Berry Botanic Garden in Portland.

In the 1960s Roderick developed a system of underground cages to protect the bulbs from voracious gophers. Eventually the collection became overgrown and invaded by the noxious exotic bulb, *Nothoscordum inodorum*. Garden annual reports of the '60s include



Large-flowered star-tulip, *Calochortus uniflorus*. Photo by Roger Raiche.



Chinese Camp brodiaea, *Brodiaea pallida*. Photo by Roger Raiche.



Cedars fairy-lantern, Calochortus raichei . Photo by Roger Raiche

large numbers of wooden boxes constructed each year for the purpose of growing bulb plants, especially lilies. These older boxes have gone the way of deteriorating wood and have been replaced (with funds provided by the Center for Plant Conservation) with 72 redwood boxes in which we grow endangered species and other taxa too difficult to maintain in the ground. Bulbs in the nursery are now grown in large clay pots. In the 1980s, Raiche and then staff member Kurt Zadnik re-built the safety net around the bulb display by using basement screens several feet deep, filling in the area with gravel, and sinking pots to their rims in the gravel. The gravel provides insulation against temperature and moisture extremes; the pots keep the different accessions segregated. Rainfall is supplemented by hand-watering for those taxa needing additional moisture.

Each year the accession in each pot is evaluated for vigor. We have been very successful growing *Brodiaea*, *Chlorogalum*, *Zigadenus*, and *Hastingsia* in this display, while *Lilium*, *Fritillaria*, and *Calochortus* are problematic and tend to be short-lived. During an intensive two-week process, half of the collection is dug and re-potted each fall. A special soil mix is created for nearly every taxon, depending on its precise needs. Nursery material grown to sufficient size may replace display material in decline or be used simply to enlarge the display. It is during this process that limited excess vegetative bulbs and combs are distributed to other gardens upon request.

Future plans include filling in any gaps in the collection and learning from experience how best to maintain these myriad taxa in cultivation. We are pleased to report that the bulb collection was used extensively for dissertation research by former UCB student and Garden employee Chris Pires, currently a Ph.D. student at the University of Wisconsin-Madison, as well as by doctoral student Tom Patterson at the same institution. Visitors to the Garden are enthusiastically encouraged to visit this display, with peak flowering in March, April and May.

- Holly Forbes

FROM THE DIRECTORS

As Spring comes to the Garden, we are all anticipating finally putting away the slickers and shovels and spending more time enjoying the botanical beauty unfolding each day.

El Nino's visit to the Garden this past winter caused considerable damage. Near the Asian Area's bamboo grove, a large section of the slope above Strawberry Creek collapsed causing the horticulture staff to expend extraordinary efforts to recover accessions buried under mounds of mud. Constant efforts were necessary to return Strawberry Creek to its original channel. These gallant efforts prevented tons of mud, rock, and debris from filling the newly restored Japanese Pool. The California newts, actively breeding in the pool, remained happy through it all.

The fire road below the Mesoamerican Area has dropped several inches and new cracks have appeared above the old slide. An anxious wait continues to see if the cracks deepen. Trails and steps have sustained unusual erosion. Please be extra careful as you stroll while Garden staff make repairs. Cuttings have been made from all damaged accessions and it is hoped a good portion will root for replanting. The Garden is applying for FEMA help to repair damage and replace accessions.

Garden activities continue unabated. Be sure to put aside the afternoon of Sunday, May 3 to join us in a celebration marking the installation of the Japanese Gate and the restoration of the Japanese Pool, which honor Chiura and Haruko Obata. Members are invited to view a selection of Professor Chiura Obata's paintings as well as Ikebana flower arrangements in honor of Mrs. Obata. Watch for your invitation to this Garden celebration.

Remember to mark Friday April 24 on your calendar for the Garden's Spring Plant Sale Member's Preview. This special members-only event will run from 5:00 - 7:00 pm, with a Silent Auction from 5:30 - 7:00 pm. This is your chance to take advantage of our special offerings. The regular sale on Saturday, April 25 will be held from 10 am to 2 pm.

See you there,

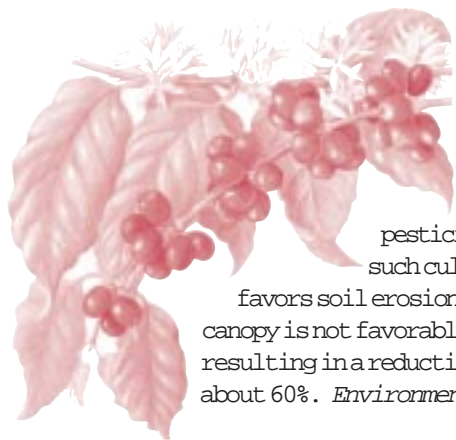
Ian Carmichael, Acting Director
Jennifer White, Associate Director for Education

THE DOCTOR SAYS

Big Chips. Plant breeders in Germany have genetically engineered potatoes resulting in tubers that are 2 to 3 times as large as commonly grown tubers and weigh up to 4.5 pounds. Unfortunately, they contain more water than the regular cultivars do, this leading to problems, the least of which is they can't be used for potato chips because they soak up more fat and produce greasy chips. *The Ecologist* 27 (6) In the Campaign and News, Nov. - Dec. 1997: 4.

No Warm Up for Chips. A favorable report on chips also seems to be deserving. Stored potatoes to be used for chips must be warmed during a month-long period before they can be processed into chips. If not, the accumulated sugars give the chips a dark brown, burnt appearance following processing. Although this is true of all commercial cultivars, the tubers of a native of Argentina and Bolivia, *Solanum raphanifolium*, can be processed directly into chips from cool storage. Researchers in Wisconsin are hybridizing this species with commercial cultivars, and it is expected the new potatoes will be available in several years. An added benefit is that without the long waiting period, the need for sprout inhibitors will be eliminated. *Ag. Research* 45 (12): 21

Ecological Coffee. The first and only certified shade-grown organic coffee on the market is to be released soon by Eco Organic Coffee Co. This is a change from a trend started 20 years ago after which much of the coffee grown in Latin America was grown in open areas. Varieties that grow in full sun are more

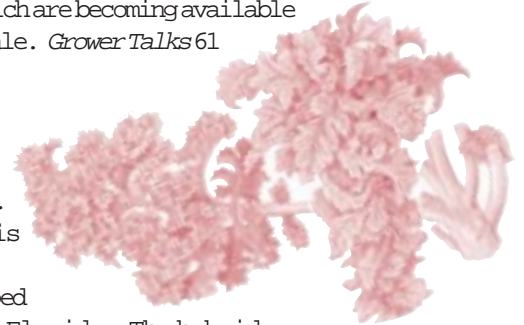


productive but there are ecological drawbacks such as the use of commercial fertilizers and pesticides. In addition, such cultivation not only favors soil erosion but the lack of canopy is not favorable for birds, resulting in a reduction of species by about 60%. *Environment* 39 (9): 50-51.

Pesticide Use. In 1995, the U.S. used 1.2 billion pounds of pesticides (active ingredients). This is down from the 1979 high of 1.5 billion pounds. Since 1987, the figure has remained steady. This amount accounts for 20% of the world pesticide use and agriculture accounts for 77% of that total. *Farm Chemicals* 161 (1): 12.

North American Pineapples. Eighty years ago a disease in pineapples was so serious in Florida that the crop no longer was grown. Now, growers in Florida have started again, using the cultivar 'Queen Victoria'. It is the only cultivar grown in mainland U.S. The fruit, though sweet, is small. However, the size eliminates the need to core the fruit. *The Grower* 30 (12): 16.

New Kale Colors. Look for many new colors and shades (including reds, pinks, purples, whites, and bicolors) as well as different leaf forms (from standard to curly or cut-leaf forms) which are becoming available in flowering kale. *Grower Talks* 61 (8): 71



Hybrid Citrus.

'Ambersweet' is a new hybrid citrus developed by the USDA in Florida. The hybrid is 1/2 orange, 3/8 mandarin, and 1/8 grapefruit. The fruit ripens early, is easy to peel and the juice from it is dark orange and has an excellent flavor. Though developed in 1989, it has taken some time for it to reach production stage. *Fruits* 52: 142-147.

Snail Hosts. To the list of plants that are exceptionally attractive to snails should be added hibiscus and flowering maple (*Abutilon* spp.).

New Galas. A new strain of 'Gala' apples, called 'Gale Gala' which has deeper red stripes and a fuller red color than other 'Gala' apples now is available. *Western Fruit Grower* 118 (1): 22. Also available is the 'Pacific Gala' which has more color and firmness than the standard 'Gala'. *California Grower* 21 (9): 12. (Nothing was mentioned for either regarding the required hours of chilling necessary.)

-Robert D. Raabe

SPRING PLANT SALE

MEMBERS' PREVIEW & SILENT AUCTION: APRIL 24

GENERAL SALE: APRIL 25

For a more detailed listing, visit our website at <http://www.mip.berkeley.edu/garden/>

Spring is an excellent time for planting. This year's unusually wet and cool start has extended the spring planting window. Our volunteer propagators have been working right through El Niño's dismal pall providing you with an incredible selection of choice and unusual plants to give your yard a Botanical Garden touch.

- **Bulbs:** A bounty of *Babiana*, *Dierama* and other South African beauties and limited amounts of *Nerine* and *Amarcrinum*.
- **Bromeliads:** Species and hybrids of *Cryptanthus*, *Vriesia*, *Neoregelia*, *Guzmania*, *Aechmea*, *Bilbergia*, *Puya* and *Tillandsia* for outdoor growing. Tender bromeliads will be found with houseplants.
- **Cacti and Succulents:** A diverse assemblage from miniatures to future giants with *Cleistocactus*, *Mammillaria*, *Notocactus*, *Trichocereus*, *Agave*, Madagascan *Aloe* species and an excellent selection of *Haworthia* and *Astroloba*
- **Carnivorous Plants:** *Nepenthes* (Old World pitcher plants), including *alata*, *intermedia*, *maxima*, *roka* and *ventricosa*, as well as a selection of *Sarracenia* (New World pitcher plants). Sundews include *Drosera* species, as well as *Utricularia*, *Pinguicula* and Venus fly traps. Bring the kids!
- **Ferns:** Both hardy and subtropical ferns including *Adiantum*, *Asplenium*, *Blechnum*, *Doodia*, and *Dryopteris*. Special offerings will include the beautiful Chinese ostrich fern, *Matteuccia orientalis*.
- **Fuchsias:** Mite-resistant species and a few select hybrids including *Fuchsia arborescens*, *boliviana*, *boliviana* var. *alba*, *glazioviana*, *hartwegii*, *hatschbachi*, and *paniculata*.
- **Grasses (and the like):** We are offering an unprecedented selection of restios including *Chondropetalum bracteatum*, *mucronatum*, *tectorum*, *Elegia capensis*, *Rhodocoma gigantea*, *fruticosa*, and *arida*.
- **Herbs:** We will continue to offer selections from our Chinese Medicinal Garden as well as thymes, oreganos, rosemary and other Mediterranean offerings from the Herb Garden.
- **House Plants:** Plants suitable for indoors, patio and deck including *Hibiscus*, *Anthurium*, *Clerodendrum thomsonae*, the ever-flowering *Calliandra haematocephala*, gesneriads, as well as tender bromeliads.
- **Tropical Orchids:** A wide selection of tropical orchids will be in flower. Incredibly fragrant *Stanhopea* species will be available along with many other genera.
- **Hardy Orchids:** Named *Cymbidium* cultivars in flower and spike as well as our unique selection of *Bletilla* hybrids.
- **Perennials and Rock Garden:** A large selection of choice plants including the dramatic *Gunnera chilensis*

with massive leaves and the unusual shrubby *Viola portulaca*; and *Beschermeria yuccoides*, *Astelia* species, *Libertia caerulea*, *Eomecon chionantha* and many more.

- **Rhododendrons:** We offer species and hybrids with fragrant flowers of large size and great beauty, including *Rhododendron burmanicum* and 'Reine Long'; tender section *Vireya* species and hybrids made by local hybridizer Bill Moyles; and many hybrids including 'Anna', 'Anton van Welie', 'Bow Bells', 'Cynthia', 'Grace Seabrook', 'Mrs. Chas. Pearson', etc.

- **Roses:** Old roses of excellent vintage include *Rosa centifolia* 'Variegata' and 'Fortunes Double Yellow', both from 1845; 'Ulrich Brunner' (1881), 'Duke of York' (1894), 'E. Veyrat Hermanos' (1895), 'Aglaiia' (1896), 'Crepuscule' (1904), 'Silver Moon' (1910), and more.

- **Salvias:** We are expanding our *Salvia* offerings, adding many new hardy Mediterranean types to the spectacular collection of fall and winter-flowering Mesoamerican species we grow.

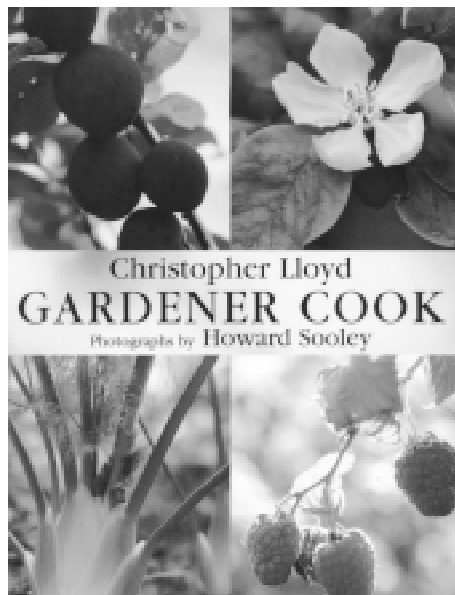
- **Trees and Shrubs:** Desirable shrubs include *Abelia* sp. nova with large, light purple fragrant flowers and a gracefully cascading form, *Syringa emodii*, *Senecio ashenbomianus*, *Metrosideros angustifolia*, *Leucadendron* and *Leucospermum*, *Grevillea* cv.s as well as *Hebe laudiana* and *H. decumbens*. Unusual trees include the elegant *Phyllanthus flexuosus*, monkey-puzzle tree (*Araucaria araucana*), *Phyllocladus trichomanoides*, *Drimys winteri*.

- **Subtropicals:** *Cassia biflora*, *Dahlia imperialis*, *Hedychium*, *Musa*, *Plectranthus*, unusual and subtropical fruit trees including citrus, avocado and cherimoya, miscellaneous rare palms *Yucca flacida* 'Ivory'.

- **Vines:** We will be well-stocked with seedling plants of the Chilean bellflower, *Lapageria rosea*, with named cultivars in limited amounts, Ecuadorian *Bomarea* species as well as *B. petrea*, *B. acutifolia* and the striking *B. salsilla* from Chile. Evergreen climbing *Hydrangea* species including *H. seemanii*, the UCBG introductions *H. peruviana* with its striking red flowers and *H. asterolasia*. Select from numerous Japanese *Trachelospermum* cultivars as well as true jasmines (*Jasminum*) species (many), and more.

This spring we will tantalize collectors with another Silent Auction featuring the choicest and rarest plants among our unique holdings. Watch for our preliminary list with detailed descriptions.

BOOK REVIEWS



CHRISTOPHER LLOYD, GARDENER COOK, by Christopher Lloyd; color photos by Howard Sooley; Willow Creek Press, Minocqua, WI, c1997; 255pp., hardcover. \$29.50.

Christopher Lloyd is well known to Garden visitors, having come to Berkeley to

speak to us on several occasions. In addition, his expert, irreverent and witty books have become indispensable references in most of our gardening libraries. Few of us have been aware, however, that he has enjoyed a reputation at home for being a very good cook for nearly as many years as he has been known for being a good gardener. Here he combines the best of his two skills, gardening advice with suggestions on how and when to plant, harvest, store and use the fruits, vegetables and herbs he grows. To compliment this advice, he has been willing to share over one hundred of his personal recipes gathered from family and friends over the years. These have become Great Dixter trademarks just as much as has his garden.

BREAKING GROUND, PORTRAITS OF TEN GARDEN DESIGNERS, by Page Dickey; color photos by Erica Lennard; Artisan, New York, NY, c1997; drawings, 207pp., hardcover. \$45.00

Page Dickey has selected ten young garden designers, working in Europe and the United States, to illustrate the best of modern garden design for the 1990s. Their collective work, although aware of the historical traditions of the past, is more concerned with the emotional and sensory experiences relevant to people living today. Of the ten, two prize-winning designers live and work in California. Nancy Goslee Power works in Southern California and Ron Lutsko lives in Lafayette and works in the San Francisco Bay Area. Ron is well known at our Garden for his wide knowledge of plants and for the gardens he has designed for Strybing Arboretum, Longwood Gardens

in Pennsylvania, and our own Serpentine and Alpine Fell-Field areas.

CULTIVATING SACRED SPACE, GARDENING FOR THE SOUL, by Elizabeth Murray; Pomegranate, San Francisco, CA, c1997; illus., color photos, 160pp., hardcover. \$35.00

Elizabeth Murray lives and gardens in Northern California. We know her best for her popular and beautiful book, *Monet's Passion: Ideas, Inspiration, and Insights From the Painter's Garden*. In CULTIVATING SACRED SPACE she tells us how she and her husband planned their wedding garden to intimately reflect their love for one another. Her descriptions of this beautiful garden, the gardens which inspired it, and their efforts in making it are extremely moving. Tragically, her husband died a few short months after their marriage. The garden they built together has brought solace and healing to the author. She gently lets her experiences in planning and planting this garden help us find a way to personalize our own garden plans.

HOT OFF THE PRESSES

THE SAVAGE GARDEN, CULTIVATING CARNIVOROUS PLANTS, by Peter D'Amato; Ten Speed Press, Berkeley, CA, c1998; color illus. and photos; 314pp, paper. \$19.95

There are several hundred species of carnivorous plants on earth and Peter D'Amato has been growing many of them for over 30 years. A local nurseryman and member of the Carnivorous Plant Society, Peter has written a beautifully illustrated guide to these fascinating plants, showing them in action and at rest. Written in an easily read conversational style and filled with sage advice, every carnivorous plant lover, from child hobbyist to professional gardener, will be able to grow these fantastic plants successfully.

THE LIFE OF AN OAK, AN INTIMATE PORTRAIT, by Glenn Keator; artwork by Susan Bazell; Heyday Books, Berkeley, CA, c1998; color photos, 256pp., paper. \$17.95

Glenn Keator is a familiar figure at the Garden. His botany classes are popular and his books, particularly *The Plants of the East Bay Parks*, are best sellers in the Garden Shop. It will be available in the Garden Shop in April.

-Elly Bade

New Members

The UC Botanical Garden welcomes the following new members:

Deborah Brennan
Nancy Caputo
Linda & David Chapman
Jacqueline Craig
Maria D'Agostino
Elizabeth Edelstein
Lassie Hammock
Nancy Hawkins & Chris Ben
Marie Herold
Raymond Knapp
Ted & Linda Krueger
Karen Lewis
Kay Lucas
Paula Lucchesi
Greg Maynard & Robbie Shaw
Georjean McLaren
Lois Oakes
Robert Osborne
Elene Panderski
Scott Robinson
Edythe & Robert Rodgers
Terry Ryder
Judith Saghera
Holly Seerley & Harry Gowland
George Springer
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In Appreciation

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

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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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UNIVERSITY of CALIFORNIA
**BOTANICAL
GARDEN**

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Holly Forbes, *Editor*
Ezinda Franklin, *Production*

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E-mail: garden@uclink4.berkeley.edu

Web Site: <http://www.mip.berkeley.edu/garden/>

Special Thanks

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

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In Memory

The Garden offers appreciation and thanks for gifts from the following donors in memory of:

Fanya Carter from
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 David & Lila Tirsell

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The Garden offers appreciation and thanks for gifts in kind:

Janet Alderton
 Peggy Blatchford
 Bibi Chapman
 Barbara Coe and Jim Marshall
 Jean Nunnally
 Robert Ornduff
 Jeff & Lisa Rosendale

Affiliated Nurseries

The Garden is pleased to present the following nurseries offering a 10% discount to UC Botanical Garden members:

Copacabana Nursery

234 Hall Drive
 Orinda
 (510) 254-2302

The Dry Garden

6556 Shattuck Ave.
 Berkeley
 (510) 547-3564

East Bay Nursery

2332 San Pablo Ave
 Berkeley
 (510) 845-6490

Grand Lake Ace Garden Center

4001 Grand Ave.
 Oakland
 (510) 652-9143

Magic Gardens

729 Heinz Ave.
 Berkeley
 (510) 644-1992

Smith & Hawken

1330 10th St.
 Berkeley
 (510) 527-1076

Thornhill Nursery

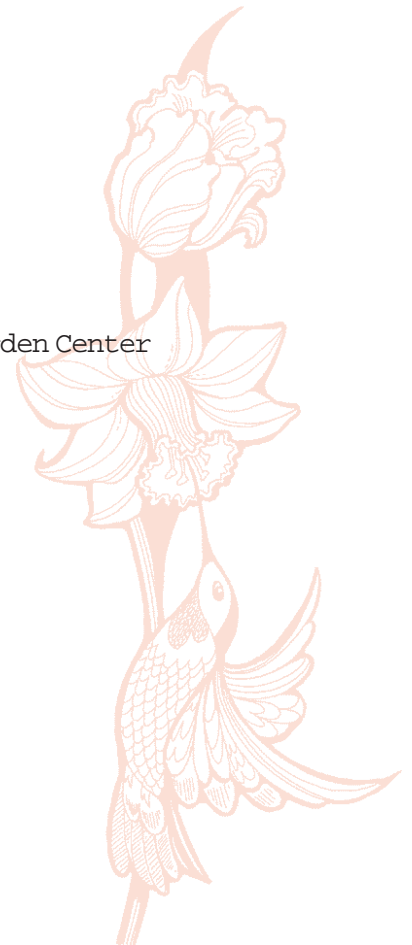
6250 Thornhill Drive
 (Montclair District)
 Oakland
 (510) 339-7081

Westbrae Nursery

1272 Gilman St.
 Berkeley
 (510) 526-7606

Yubasaki's Dwight Way Nursery

1001 Dwight Way
 Berkeley
 (510) 845-0335



Calendar of Events

APRIL

Fibers and Dyes (FD)

April 4-19 10 - 4 daily

Plants have always provided people the world over with natural fibers and dyes - from the papyrus of the ancient Egyptians to the serviceable sisal from the Yucatan Peninsula, and from the blue woad of the Ancient Britons to the golden turmeric of the Buddhist monks. Fibers from plants give shelter, rafts, clothing, cordage and paper, while dyes are utilized in the decoration of fabrics, foods, paints and inks, body makeup, tattooing and cosmetics. Visit our indoor display of fiber and dye plant materials. Compare the fibers of flax, cotton and ramie. Try the bright dyes of cochineal and annatto. Follow the self-guided tour through the Garden and locate New Zealand flax, soaproot, madder, the rice paper plant and many more fascinating fiber and dye plants from around the world. Free with Garden admission.

Beginning Birding (BB)

Four Tuesday mornings, beginning April 7, 9:30 - 11:30

After gardening, birdwatching is America's most popular outdoor pastime. In a course designed for beginners, Dennis Wolff, an experienced birder and active Audubon Society member, will show you how to get started in this exciting hobby, including information on the tools you will need, techniques and resources. We will delve into the fascinating world of bird behavior and take an in-depth look at fifty of the Botanical Garden's most common birds. Each class session will include about an hour of bird observation in the Garden. (April 7, 14, 21, 28) Members \$50, Non-members \$65.

Rhododendron Walk (RW 2)

April 19 10am-noon

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 intriguing plants. Selected plants will be available for sale. Members \$10, Non-members \$15.

Spring Plant Sale:

Members' Preview & Silent Auction: April 24, 1998 5 - 7:30pm

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

Keying East Bay Wildflowers (EW)

Six Monday evenings, beginning April 27, 7-9pm

Learn to identify the wildflowers you encounter here in the East Bay. Using his book, *Plants of the East Bay Parks*, microscopes and the resources of the Botanical Garden, the ever popular Glenn Keator will guide you in using plant keys to make positive identifications. (April 27, May 4, 11, 18, June 1, 8 and a field trip Saturday June 6.) Members \$100, Non-members \$115.

M A Y

Mother's Day Tea (MD)

May 10, 1:30pm - 4pm

What nicer place to bring Mom than the Botanical Garden, and what more delicate beverage than tea? Join us for a very special Tea on the Terrace, and enjoy the Botanical Garden in a whole new way. Space is limited, reservations required. Members \$8, Non-members \$10. (Includes Garden admission)

Mother's Day

May 10

Mothers who are not attending our Mothers Day Tea, but who are accompanied by a child, will be admitted free on Mothers Day.

New Perspective on Biodiversity: The Microbial World

May 13, 7:30pm

The Berkeley Natural History Museums 1998 Public Lecture Series presents Dr. Norman Pace, Professor of Plant and Microbial Biology at UC Berkeley. Dr. Pace is the foremost authority on microbial diversity, exploring the unknown frontiers of life underground and in extreme environments. 2050 Valley Life Sciences Building, UC Berkeley. Free.

Gardening Year Around

Thursday, May 14, 7-9pm

With our splendid Bay Area climate we can garden all year and enjoy the fruits of our labors all year, too. Explore the possibilities and expect to be inspired by Pamela Pierce, teacher, horticulturist and author of *Golden Gate Gardening*. Pam will be available to sign copies of the newly revised *Golden Gate Gardening* after her talk. Members \$10, Non-members \$15.

JUNE

The Magical Mendocino Mountains

June 14 - June 16

Join Glenn Keator on an expedition to this fabulous and rarely visited area. The mountains are a southward extension of the Yolla Bollyies and nearly as rugged. They combine elements of the North Coast Ranges, including extensive Garry oak forests, with Sierran conifers, such as red and white firs. They're also home to beautiful mountain meadows, alpine scree with rare bulbs and dashing brooks with lilies, bleeding heart and dogwood. Enrollment is limited, so sign up early. Members \$120, Non-members \$150.

Fathers Day

June 21

Fathers who are accompanied by a child will be admitted free on Fathers Day.

JULY

An Introduction to the Garden (IG)

Saturdays, July 18, 25, August 1 & 8, 10am - noon

Get to know the Botanical Garden in depth! Join our talented horticulturists and docents for a series of talks and walks that will acquaint you with the colorful history of the Garden and the scientific principles that guide plant collection, selection and arrangement at this fabulous living museum. Series: Members \$35, Non-members \$45.

Twilight Walks in the Garden (TW)

July 22, July 29, August 5 or August 12 at 5:30pm

Take advantage of long summer evenings in the Garden and the expertise of a Garden Docent. Join us for a leisurely walk in the Garden at this special time of day. Free with Garden admission.

For more information on these Garden programs, call 510/643-2755.

University of California Botanical Garden
200 Centennial Drive, #5045
Berkeley, California 94720-5045

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Plants are on sale at The Garden Shop all year ☞ 510-642-3343
