Tour Orientation Center

BOTANICAL GARDEN OPEN HOUSE

Celebrate Spring with a visit to the Botanical Garden during the Annual Open House on Sunday, April 26 from 12 noon to 4 p.m. This is an event for the entire family. Docents will be in each area of the Garden to answer questions and help children with a special treasure hunt. Storyteller Bob Kanegis will be telling stories in the Mather Grove from 1-2 p.m. Exhibits in the Garden Meeting Room will include Japanese flower arrangements and Chinese Medicinal Herbs. Complimentary refreshments will be served by the Friends of the Botanical Garden at the Tour Orientation Area. Open House is free to the public, so invite your friends and join with us for this special event.

REPORT FROM THE BOARD

It is a great pleasure to bring news of the fine support which the Friends have been giving to the Garden. The recent request for year-end contributions brought a wonderful response of almost $30,000! These gifts will make a big difference in the future of this superb institution. One generous gift has made it possible to begin work on the new Mexican area, which will incorporate about two more acres into the developed part of the Garden. Gifts to the recently established Friends' endowments have now brought the total to over $20,000. These funds will help guarantee the future health of the Garden.

The Board is also moving ahead with the new Tour Orientation Center, thanks to two major gifts. This Center will provide a convenient place for docent-led tours to be organized away from the parking lot. It will also provide an area in which outdoor lectures, hands-on demonstrations, and class discussions can be held. Since the space will be partly covered, there will be some protection to visitors from the rain.

The Board is currently developing ideas to make the Garden even finer as a public resource, and we will keep you informed as these plans mature. We are most grateful for the contribution which the Friends are making to the Garden, and we look forward to helping make this one of the finest botanical gardens anywhere.

Cont. on p. 2
The Friends wish to express their gratitude to the following contributors who have generously helped to improve the Garden’s collections, facilities, and programs.

Mr. & Mrs. Michael Addison
Bayard W. Allmond, Jr., MD
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Jacqueline Browne
Edith Bergstrom
Al Biggs
Judith M. Bloom
Magic Gardens
Justine Hume
J. M. Walker
James Jones
Mr. & Mrs. Nelson Weller
Harry R. Wellman
Kitty Whiteside
Mr. & Mrs. Bernard E. Widdif
Prof. & Mrs. Frankisek Wolf
Helen Wright
Linda Wroth

The Botanical Garden's Education Program will offer Introduction to the University of California Botanical Garden, a six-part series featuring an in-depth look at the Garden. The series, given by the Docents, will meet from 10:30 am - 12:30 pm in the Garden Meeting Room on six consecutive Saturdays, starting July 11th and running through August 15th. Registration fee for the series will be $20.00. To register send a check made payable to UC Regents to: Education Program, UC Botanical Garden, Centennial Drive, Berkeley, CA 94720.
The springtime burst of colors and scents throughout the garden vividly illustrates the fascinating diversity of plant life throughout the world. With well over 8,000 plant species arranged geographically, the garden offers visitors an opportunity to witness Nature’s renewal and rebirth in far-away places or as close to home as their own backyard.

A walk through the CALIFORNIAN section provides a special opportunity to view many of the state’s 5,000 native plant species in naturalistic settings. The arrangement of plants in natural associations, or “plant communities”, transports the visitor from cool, sublime Redwood forests to sunny coastal beaches. Beyond the characteristic scent of the coastal beds and adjacent to the Pigmy Forest lies the Vernal Pool, a bright splash of yellow and white spring blossoms. Vernal Pools are part of the larger Valley Grassland community which occupies most of the floor of the Central Valley. This community has been greatly reduced in the past two centuries, largely through agricultural practices. Vernal Pools occupy depressions in the grasslands that fill with water during the winter months. As the pools dry up in the spring they are replaced by brilliant displays of annuals including meadowfoam (Limnanthes douglasii) and goldfields (Lasthenia sp.). Meadow wildflowers sprinkled throughout adjacent beds in this section mimic the displays in the fields, grasslands and foothill woodlands throughout the state. Especially notable are Chinese Houses (Collinsia heterophylla), Blue-Eyed Grass (Sisyrinchium bellum), Tidy Tips (Layia platyglossa), and the perennial lupines.

At least a third of all plant species native to California are endemic—they occur naturally nowhere else on earth. An increasing number of endemics are now listed as rare or endangered species and the garden is actively participating in their conservation (see CPC article in this issue). The attractive endemic Pine Hill Flannel Bush (Freemontodendron californicum sp. decumbens; beds 12B) is known from only three northern California counties. The bulb beds located at the top of the Oak Knoll in the garden contain a number of rare Brodiaea and Calochortus species, including one species restricted to a single preserve in Marin County (Calochortus tiburonensis).

The high degree of endemism in California is due in part to geographical and climatic isolation: the deserts and mountains in the east and the Pacific Ocean to the west are barriers to plant migration. The Cape region of South Africa is isolated in a similar fashion from adjacent regions of the African continent and, like California, it has a Mediterranean climate (cool wet winters, warm dry summers). The plant collection on AFRICAN HILL reflects the rich endemism of this South African flora. A stroll along the main path leads one through waves of purple and yellow-flowered ice plants (Aizoaceae), drifts of daises (Arctotis spp.) and bulbs (Liliaceae) and fiery spikes of Aloes.

A short walk across the main path through the ASIAN section to the Japanese Pool, provides a rest stop and a chance to experience for a moment a completely different part of the world. Here one is surrounded by rhododendrons and an understory of wild-collected irises, primulas and lilies. Like their counterparts in Yunnan or on the slopes of Mt. Omei, plants like the Dove Tree (Davidia involucrata; bed 220B) and Iris japonica (bed 245D) create a mystical environment for those who pause by the creek.

On a clear day, there are panoramic views of the San Francisco Bay and surrounding counties from the top of the MEDITERRANEAN/EUROPEAN section. The Northern European woodland is in an early stage of development, already planted with Silver Birch (Betula pendula), maples and poplars and an understory flowering bellflowers, buttercups and goldenrods. A descent back to the main path through Cistus and lavender provides a sense of hiking in the hills of Southern France or on the slopes of Mt. Taygetos in the Peloponnese.

Complementing the two previous sections with a mixture of East and West is the OLD ROSE DISPLAY, featuring many horticultural varieties from the nineteenth century and forerunners of the modern Hybrid Tea Rose. Most of the older varieties of Albas, Gallicas, Damasks, and Centifolias do not bloom continuously through the summer. This is the time of year to see and smell them at their best.

Descending still further through a blanket of yellow, pink, and orange Peruvian lilies to the HERB GARDEN the visitor delights in a potpourri of scented geraniums, lavenders, lemon balm and sage. The colors are created by a patchwork of early spring flowering culinary, medicinal, and aromatic herbs such as the orange pot marigold (Calendula sp.), the blue-flowered rosemary and borage, and the pink, bold inflorescence of the clary sage.

The cacti in the NEW WORLD DESERT collection are interesting any time of year, but late spring and early summer are particularly good times to see these species in flower. Cactus flowers tend to be showy and they are often brightly colored. They bear a superficial resemblance to the flowers of the ice plants across the path on AFRICAN HILL, but the resemblance is deceiving. While the cactus flowers have numerous true petals, botanists have determined that the petals of ice plants are actually derived from stamens, the male, pollen-bearing organs of the flower. Furthermore, the succulent tissues of cacti are derived from stems while those of ice plants are fleshy leaves. The stem succulents of the African continent that resemble cacti are Euphorbias, but cacti are found only in the New World (North, Central, and South America).
TOUR OF THE MONTH

Sundays 11:00 am, free. Leave from the Tour Orientation Area inside the Botanical Garden.

April 12  OLD ROSES by Ramona Davis
May 17   SHAKESPEARE’S GARDEN by Jacqueline Woodfill
June 21  MEDICINAL HERBS by Mitchell Harvey
July 19   PLANT EXPLORERS by Leland Unsell
August 16 EXPLORING THE SOLANACEAE FAMILY by Pete Shell

Tour of the Month is a docent-led tour which concentrates on one particular aspect of the Garden.

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A CALENDAR OF FLOWERS

Visitors to the garden are often interested in knowing when a particular plant will be in flower. This information is also important for instructors, researchers, docents, volunteer propagators, and the garden staff. For example, we receive scores of requests each year from scientists around the world asking if we can send them seeds or preserved flowers of species in our collection. Sometimes we have no idea whether a particular plant sets seed, much less when the best time of year is to collect it. Information concerning when individual specimens flower has for the most part been carried about in people’s heads.

Last summer, in an effort to get this information down on paper (and eventually into the computer), the curatorial staff developed a system to compile information on flowering and fruiting periods for individual specimens. Students and volunteers were enlisted to collect the data. It is one of the more pleasant record keeping tasks in the garden. Data collectors stroll through a specific area, say African Hill or the Redwood Grove, and note which species are in flower or producing mature fruit. It is a great way to get to know the plant collection in depth since the system forces you to take a careful look at the plants and their names.

Eventually the information will become part of the main computer data base. It will then be a relatively simple task to answer such questions as: What rhododendrons collected from China usually flower in January? . . . When is the best time of year to collect lupine seed? . . . When is the best month to schedule a tour of spring wildflowers in the eastern North American section? . . . Does that cactus that looks like a squashed porcupine ever set seed? . . .

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IN MEMORY OF
MARY WALKER

- H. M. Ardley
- Audrey Blakenmore
- Katie M. Blakenship
- Martin Blazin
- Gerald J. Bongard
- Richard T. Brakke
- William Brickner
- Gerald L. Brooks
- Richard G. Bruins
- Mona Carroll
- Sheldon J. Coad
- Isaac Cohen
- David M. Craig
- Nancy L. Donohue
- Elizabeth Dostal
- Mr. & Mrs. Serge Dubicourt
- Abdel M. El-Shaieb
- David & Denise Faney
- Joseph W. Garbarino
- Leonard M. Goldman
- Nelson & Kathy Graburn
- Ann Guibord
- Joe & Carol Hart
- James M. Hill
- Jeffrey R. Hultman
- Marissa Irlandez
- Byron O. S. Johnson
- Patricia Johnson
- Norman King

- Agnes Kowal
- John Lawler Family
- Thomas Main
- Helen Mar
- Richard Molineux
- Lee Neidleman
- Barbara Norwood
- Thomas H. Pattern, Jr.
- Sylvia Peaker
- Eleanor Perez
- Betty F. Prescott
- Gloria L. Renfro
- Marilyn Rinzel
- Marjorie M. Royce
- Gail S. Ruyjin
- Ophelia N. Sampang
- Patricia A. Schonfeld
- Kaye & Jerry Schoonhoven
- Robert J. Steinfield
- Pearl Tidd
- Kelcie Tinkeer
- Craig D. Walker
- Dorothy & John Walker
- J. M. Walker
- Judith Walker
- Lucy Walker
- Stuart Wells
- Patrick M. Williams

The Friends of the Botanical Garden will hold a special tour of beautiful private gardens for its members on Saturday, May 16 from 12:30 - 4 p.m. Tickets for this special first-time event are $15.00 per person and may be purchased at the Visitor Center or by sending a check and self-addressed stamped envelope to: Friends of the Botanical Garden, UC Botanical Garden, Centennial Drive, Berkeley, CA 94720. Non-members are invited to become members of the Friends for this event.
Benefit With Friends Membership

Membership in the Friends of the Botanical Garden brings numerous benefits in addition to giving support to the Garden.

All memberships include:
- Newsletter
- Lecture Series
- Workshops & Tours
- Spring Preview Plant Sale
- Discount on educational programs
- 20% discount on selected UC Press books
- Volunteer opportunities

$150 Sponsor level includes all of the above, plus:
- Membership in UC Campanile Club
- Invitation to President's Fall Reception & Buffet

$750 Patron level includes all of the above, plus:
- Membership in UC Sather Gate Club
- Two complimentary tickets to the Wine-Tasting Festival

$1500 Benefactor level includes all of the above, plus:
- Membership in Robert Gordon Sproul Associates
- Eligibility for membership in Faculty Club
- Invitation to Chancellor's Banquet
- Parking permit for campus visits
- Invitation to two pre-football luncheons

98 New Members

A hearty welcome to all new members. We are delighted to have you and hope you will enjoy your association with the Friends of the UC Botanical Garden. Welcome. Special thanks to those people who renewed their membership and continue to support the garden.

<table>
<thead>
<tr>
<th>Name</th>
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<td>Dr. Constance F. Acton</td>
<td>Peter Ehrlich</td>
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<td>Dean &amp; Mrs. E. Gordon Linsley</td>
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<td>Mrs. Doris T. Beatty</td>
<td>Margaret Herscher</td>
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<td>Marc Berger</td>
<td>Jackie Higginbotham</td>
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<td>Joseph Bertino</td>
<td>Glenn Hirsch</td>
<td>Lisa Mac</td>
<td>Mr. &amp; Mrs. N. C. Sweet, Jr.</td>
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<td>Pref. Phyllis R. Blair</td>
<td>Anna Haynes</td>
<td>Mr. &amp; Mrs. A. R. McKay</td>
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<td>Christy Booze</td>
<td>Gary Holloway</td>
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<td>Robert Holtmann</td>
<td>Anthony &amp; Diana Meadow</td>
<td>Lincoln Thorp</td>
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<td>Mr. &amp; Mrs. Samuel Breck</td>
<td>Edy Horwood</td>
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<td>Jacqueline Browne</td>
<td>Frances H. Hussey</td>
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<td>Ben Verdun</td>
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<td>Mrs. William W. Budge</td>
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<td>Bonnie Murphy</td>
<td>Rachel Walbolt</td>
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<td>Mr. &amp; Mrs. George B. Clifford</td>
<td>Touissant M. Jabi</td>
<td>Pamela Myers-Moro</td>
<td>Tanis Walters</td>
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<td>Liz Jewell</td>
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<td>Dale Crofton</td>
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<td>Elizabeth Crowder</td>
<td>Dr. Ronald R. Kaplan</td>
<td>Brent Rutherford</td>
<td>Minam C. Wilkins</td>
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<td>Mrs. Grace Currier</td>
<td>Robert &amp; Imogene Kling</td>
<td>Pamela Sawyer</td>
<td>Francora L. Wuesthoff</td>
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<td>George Daher</td>
<td>Tamara Krystal</td>
<td>Steven Schlitt</td>
<td>Mrs. Florence Yaffe</td>
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<td>Frank Dobson &amp; Diane Kothe</td>
<td>Kathryn A. Kulcher</td>
<td>Rudi Schill</td>
<td>Jensen Young</td>
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<td>Barbara Donald</td>
<td>Michael &amp; Sally Landis</td>
<td>Phyllis M. Sheldon</td>
<td>Patricia Zaborský</td>
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<td>Albert J. Duguay</td>
<td>Susan Lang</td>
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A hearty welcome to all new members. We are delighted to have you and hope you will enjoy your association with the Friends of the UC Botanical Garden. Welcome. Special thanks to those people who renewed their membership and continue to support the garden.
GIFT AND GRANT FUND
EXPANSION OF MEXICAN-
CENTRAL AMERICAN
COLLECTION

One of the most interesting collections in the garden has been "on ice" for several years for lack of an appropriately prepared site. About 250 accessions of Mexican plants, mostly from the southern state of Chiapas, have been maintained in containers in the propagation area awaiting development of a new series of outdoor beds to accommodate the plantings. The existing Mexican-Central American area, near the parking lot, is fully planted but the Master Plan proposed a new series of beds on a sloping, two-acre site at the southern boundary of the garden, between the research greenhouses and the fire trail.

Until recently the necessary expansion was obstructed by lack of funds. The situation improved dramatically in December when the garden received a substantial donation for development of the Mexican collection. In January, we submitted a proposal to the Elvenia J. Slosson Fund for Ornamental Horticulture for $14,500, the balance needed to complete the project. The Slosson Fund approved our request and the project is now fully funded and underway.

The preservation of the Chiapas collection is important for several reasons:

Conservation of endangered species. The existence of many of the species we are growing is threatened in their natural habitat. Some are already extinct in the wild. One of the most dramatic examples is *Magnolia sharpii*. Only two or three individuals of this species are believed to exist in the wild. The UC garden has three of the only six specimens in cultivation.

Introduction of species of economic and horticultural importance. Several of the species have significant economic or horticultural potential. *Stevia lucida* and *S. polycephala* belong to a genus that is the source of an artificial sweetener. *Passiflora ligularis* produces edible fruits that could be grown commercially. Species of horticultural interest include *Chiranthodendron pentadactylon* (a handsome small tree important in Aztec mythology), *Hoffmannia griesbrichtii* (a ground cover), *Dahlia coccinea*, and several species of pines and evergreen oaks.

Botanical and horticultural research. Many of the specimens belong to groups that are under study by professional botanists seeking to improve our understanding of the Mexican flora. As the plants mature, they will become an important source of material to be shipped to researchers in need of living material for study. All the specimens are of documented wild origin.

Mayan Medicinal Garden. The Mayan ancestors of the present-day inhabitants of Chiapas developed one of the richest herbal pharmacopeias of any pre-Columbian culture. Several species in our Chiapas collection are still gathered by the indigenous population. Members of the departments of Anthropology and Botany at Berkeley, in cooperation with Mexican public health officials, have recently initiated a major research effort to document the medicinal uses of plants by the Tzeltal and Tzotzil populations of highland Chiapas. Their project will employ several full-time plant collectors in Chiapas for a period of three years. The researchers involved in the project are enthusiastic about developing a living collection of medicinal plants at the botanical garden for research, education, and display. Their plant collectors will provide the wild-collected seed; the botanical garden will add the plants to its permanent collection. The high level of documentation of the collection will be unique. There will be extensive field-documentation concerning the afflictions for which the plants are said to be effective, as well as detailed photographic information on their preparation and application.

We plan to incorporate the Mayan medicinal species in the new Mexican-Central American plantings. Once the plants are in the ground, the collection will be publicized and developed as an educational exhibit. Special labels will be prepared for the medicinal plants and a catalog will be produced, describing the collection for students and visitors. Other planned projects include a special docent tour and a symposium on Mexican medicinal plants.

The area where the new beds will be developed was surveyed in January. An architectural firm will use the survey to prepare a detailed design plan. Most of the existing trees (Coast Live Oaks and California Bay) will be removed, although a few oaks will be left as nurse trees to provide shade for the young plants and stabilize the soil. Garden staff will then install the path, drainage, and irrigation systems and build retaining walls where needed. The plants should be in the ground by next winter.

In Honor of Mai Arbogast
Catherine M. Trefethen

In Honor of Elizabeth Warner Hammond
Jane Hammond Weller

In Honor of the UC Botanical Garden Staff
Marion L. Thompson

In Honor of The Young Musicians Program
Mr. & Mrs. A. E. Graupner, Jr.
SYSTEMWIDE MEETING OF UC BOTANICAL GARDENS AND ARBORETA

On February 14, fifteen representatives of botanical gardens and arboreta in the University of California system assembled in the garden's meeting room to compare notes and discuss how the group might benefit by greater communication among institutions. The meeting was hosted by UC Berkeley and UC Irvine, and funded by the Genetic Resources Conservation Program and Vice-Chancellor Laetsch. The campuses represented were Davis, Santa Cruz, Riverside, Los Angeles, Irvine, and Berkeley.

During the morning session, Dr. Calvin Qualset (UC Davis) described the University's recently organized Genetic Resources Conservation Program and discussed how the program might relate to garden and arboretum collections. The afternoon discussions focused on the problem of conserving rare and endangered species in gardens and arboreta. It was agreed that the UC system should expand its role in the conservation of native as well as exotic species. The discussion was a reminder of the fantastic diversity of species maintained by the various University campuses, each with somewhat different climates and different emphasis on their holdings. It was also a reminder of the benefits of greater collaboration. At the conclusion of the afternoon session, the group voted to establish a consortium of UC gardens and arboreta to address problems and programs of mutual interest. A second meeting will be held in May, 1987, on the UC Irvine campus.

In Memory of Hillyer Brown
Eric Sutcliffe

In Memory of Harland Frederick
Katherine & Philip Bradley

In Memory of Dr. & Mrs. E. K. Frenkel
Mrs. Karoline D. Laib

In Memory of Avlina Kinhoon Lum
Doris Lum

In Memory of Kenneth C. Mirov
Ballard, Biehl & Kaiser
Adele R. Nickel

In Memory of Brownie Lollar Mitchell
Mr. & Mrs. Raymond N. Mitchell, Jr.

In Memory of Aurea Remedios
Leo V. Dos Remedios

In Memory of Vera Seiler
Betty R. Dunlap
Evelyn Givant
Mr. & Mrs. Ken Schmitz
Helen & G. M. Wright

In Memory of Robert Gordon Sproul, Jr.
Agnes R. Robb
Richard H. Ward

In Memory of Anna Walters Trommer
Diane J. Wagner

In Memory of Katina Zagaris
Mr. & Mrs. Wilber C. Leffler, Jr.
RESULTS OF THE GARDEN'S 1985-1986 SEED EXCHANGE LIST

Every two years the garden publishes a list of wild-collected seeds which it offers free of charge to more than 500 botanical institutions around the world. In return, the garden receives seed lists from each of these institutions. Many of the plants currently in our collection were acquired in this fashion. Our latest seed list was distributed in March, 1986. It included 337 species of California native plants. Distribution of the seeds is now complete and we thought you might be interested in a summary of the results. A total of 226 institutions, from 41 countries, requested seed from the list. The ten countries placing the most orders were as follows (the number in parenthesis is the number of institutions in that country that requested seed): United States (25), West Germany (22), U.S.S.R. (19), England (16), France (14), East Germany (12), Czechoslovakia (10), Poland (9), Australia (8), New Zealand (6). The most popular species are listed below. Other popular plants were Irises, and members of the Lily family such as Fritillaries, Mariposa Lilies (Calochortus spp.), and Dog-Tooth Violets (Erythronium spp.).

10 MOST POPULAR SPECIES

<table>
<thead>
<tr>
<th>Number of Orders</th>
<th>Species</th>
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<tr>
<td>69</td>
<td>Whitebark Pine (Pinus albicaulis)</td>
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<tr>
<td>66</td>
<td>Weeping Spruce (Picea breweriana)</td>
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<tr>
<td>64</td>
<td>Foxtail Pine (Pinus balfouriana)</td>
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<td>63</td>
<td>Pitcher-Plant (Darlingtonia californica)</td>
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<td>59</td>
<td>Red Fir (Abies magnifica)</td>
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<td>57</td>
<td>Our Lord's Candle (Yucca whipplei)</td>
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<td>55</td>
<td>California Nutmeg (Torreya californica)</td>
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<td>55</td>
<td>Butterwort (Pinguicula macroceras)</td>
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<td>52</td>
<td>Mountain Hemlock (Tsuga mertensiana)</td>
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<td>52</td>
<td>Coulter Pine (Pinus coulteri)</td>
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GARDEN STRENGTHENS CHINA TIES WITH NEW MEDICINAL PLANT COLLECTION

Modern pharmacology has its roots in herbal medicine and plant-derived drugs are still the basis for treatment of many diseases. Well known examples include digitalis from the garden foxglove, used in the treatment of heart disease; atropine from the deadly nightshade, which stimulates the sympathetic nervous system; and quinine, the anti-malarial drug. In many parts of the world, herbal medicine is still of primary importance in the treatment of disease. One of the most striking and well publicized examples is the People's Republic of China, where herbal medicine is practiced on an equal footing with western medicine and on a scale which is astounding to most outsiders.

In August, 1985, the University of California Botanical Garden signed a joint agreement with the American College of Traditional Chinese Medicine in San Francisco and the Guangzhou College of Traditional Medicine in Guangdong Province, China, to establish a collection of plants used in traditional Chinese medicine at the UC garden. In addition, the agreement proposed an annual exchange of botanists between UC Berkeley and China. The Guangzhou college agreed to supply wild and cultivated herbs to Berkeley to form the nucleus of the collection and to send a member of their staff to the garden to help establish the plantings.

The program promises several benefits for the campus and for the garden's public audience. The collection has significant potential for research and education, particularly in light of the institutional ties we have already begun to develop with Chinese botanists, physicians, and pharmacologists. The plants will also illustrate to students and the public the importance of drugs derived from plants. The new display will complement two similar collections elsewhere in the garden: the medicinal species in the existing herb garden and the planned display of medicinal plants used in the Mayan culture (see article on the new Mexican collection elsewhere in this newsletter). In the long term, we hope that the exchange of plant material between China and the United States will strengthen ties between the two countries. Central authorities retain tight control over the export of preserved and living plant material from China. By establishing a long-term exchange of people, we hope to build trust and establish relationships that will promote greater openness on the part of the Chinese authorities. The program is viewed as another step in increasing friendship between our two countries. We have much to learn from each other. Who knows, twenty years from now the Tylenol capsules in your medicine chest may be hidden behind the Angelica root!

The success of the exchange program and further development of the medicinal garden will depend upon continuing financial support from individuals and foundations. Interest in the project to date has been gratifying, but more support is needed if we are to keep pace with the planned calendar of exchanges.

Con't. on p. 11
Please check the areas in which you would like to participate. Mail this form to the Garden by folding this sheet in thirds with the UC Botanical Garden address visible, or drop it off at the Visitor Center. The Volunteer Coordinator will contact you.

For further information call 642-3343.

### Plant Propagation and Preparation
- Propagating, potting and transplanting
- Pruning, weeding and grooming
- Preparing plant labels
- Propagating special plant groups: Cacti, succulents, ferns, bromeliads, orchids, shrubs, vines, etc. Your area of interest

### Plant Sales (Four times a year)
- Distribute membership information, enroll new members
- Set up, move and arrange plants
- Prepare sales slips
- Guard
- Cashier
- Hospitality

### Visitor Center
- Information and sales
- Prepare and package special materials

### Garden Maintenance
- Weeding, raking
- Brush clearing
- Carpentry
- Electrical
- Plumbing
- Painting

### Graphics and Design
- Design, artwork, lettering for posters, newsletters, fliers
- Landscape design
- Assist with preparation of displays

### Information and Education
- Prepare newsletters and publicity
- General clerical: typing, filing, mailings
- Computer input
- College and/or prepare dried plant materials
- Map collections
- Photograph plants
- Organize slides
- Docent program

### Other
- 

THANK YOU!

Name ___________________________ Best time to reach me is ___________________________
Address __________________________
Phone ___________________________ (day) ___________________________ (evening)
GARDEN STRENGTHENS CHINA TIES

(con't. from p. 8)

Since the agreement to proceed with the project was signed in 1985, the first step in the exchange of botanists has been completed and the new garden has begun to take shape. During July and August, 1986, Dr. James Affolter, curator of the UC garden, U Aik Kaw, provost of the American College of Traditional Chinese Medicine, and Dr. Catherine Pringle, photographer, spent five weeks in China establishing contacts with key botanical and medical institutions and explaining the planned exchange program. Their itinerary included Hong Kong, Guangzhou, Beijing, and Kunming. Kunming is the southwestern province of Yunnan, a rich area floristically, home to many species of Rhododendron, Camellia, and primroses. They were warmly received and their Chinese hosts expressed great interest in the planned medicinal garden and the exchange program. The trip also provided an opportunity to see herbal medicine in action. they were able to discuss its application and principles with everyone from physicians and college presidents to local villagers. Chinese botanists and horticulturists made several specific proposals concerning the types of exchange experiences they would find most useful. They also invited representatives from UC Berkeley to participate in future joint collecting expeditions in China.

A horticulturist from the medicinal plant garden at the Guangzhou College of Traditional Medicine will arrive in Berkeley in March. He will bring the first plant specimens for the new collection with him, as well as a dedication stone from Guangzhou. He will remain in the Bay Area for approximately four months and will spend his time jointly at the American College of Traditional Chinese Medicine in San Francisco and here at the Botanical Garden. The medicinal garden will be formally dedicated in June, completing the first phase of a program that will hopefully benefit all participants for many years to come.

THE GARDEN BECOMES AFFILIATED WITH THE CENTER FOR PLANT CONSERVATION

The Center for Plant Conservation is a national network of botanical gardens and arboreta committed to the study of preservation of rare and endangered species in the United States. The organization was created in 1984. It is coordinated from a national headquarters at the Arnold Arboretum of Harvard University. The network of participating institutions originally included eighteen gardens and horticultural research institutions, each responsible for a specific region of the United States. The west coast region was covered by the Berry Botanic Garden in Portland, Oregon, and Rancho Santa Ana Botanic Garden in Claremont, California.

In December, 1986, the Trustees of the Center granted preliminary approval to add the University of California Botanical Garden as the nineteenth participating institution. A disproportionate number of rare and endangered species occur in California and the Trustees recognized the necessity of including another major institution from the region in their activities. The garden's native plant collection already includes 123 species listed as rare and endangered throughout their range by the California Native Plant Society. Plants in this category are identified in the garden by a bright red circle on the plant label. Future newsletters will include more detailed reports of the garden's Center for Plant Conservation activities.
Calendar of Events

For information call 642-3343

April 26  Botanical Garden Open House, Sunday, 12noon-4pm. See Newsletter.

May 9  Friends Preview Plant Sale, Saturday, 9am-Noon, Botanical Garden. New members are welcome to join the day of the sale. The Garden will be closed to the public during the preview sale.

May 9  Spring Plant Sale, Saturday, Noon-2pm, Botanical Garden.

May 10  Spring Plant Sale and Mother's Day Brunch, Sunday, 9am-2pm Sale, 11:30-1pm Brunch. Brunch reservations $12.00 per person in advance. See Insert.

May 16  Friends Garden Tour, Saturday. See Newsletter.

June 14  Wine-Tasting Festival, Sunday, 1-3pm. Invitational brochures will be sent in May.

July 11, 18 & 25, Aug. 1, 8 & 15  Introduction to the University of California Botanical Garden, six-part series. See Newsletter.

August 9  A Sunday Afternoon with Vita Sackville-West. Literary snippets and garden lore by noted British writer and novelist Vita Sackville-West. Presentation by Joy Carlin, text by Gene Opton. 2:30pm in the Botanical Garden Mather Grove. $3.00 members, $5.00 non-members. Tickets can be purchased at the Visitor Center.

Wendy Mitchell, Editor
Friends of the Botanical Garden

UC Berkeley Foundation
Friends of the Botanical Garden
University of California
Berkeley, California 94720

DATED MATTER
TIME VALUE
APRIL 15, 1987