

The Kruckeberg Botanic Garden at Richmond Beach is dedicated to fostering and providing educational, cultural and aesthetic enrichment

for all who visit: gardeners, amateur and professional horticulturalists, and young students of the plant world — in all, people of all walks of life.

*"In the end we will conserve only what we love; we will love only what we understand; and we will understand only what we are taught."*

- Baba Dioum, Senegalese ecologist.

### Mark Your Calendar

Sunday, April 4	Garden cleanup work party, 12-4pm
Saturday, April 24	Open Garden for members and their guests
Sunday, May 2	Garden cleanup work party, 12-4 pm
Friday-Sunday, May 7-9	MsK Nursery Mother's Day Sale
Sunday, June 6	Garden cleanup work party, 12-4 pm
Thursday, June 17	General membership meeting 7pm
Sunday, July 11	Garden cleanup work party, 12-4 pm

**Garden Location:**  
**20312 15th Ave NW**  
**Shoreline, WA 98177**

### Questions, ideas, suggestions?

Please contact KBGF at  
 (206) 542-4777  
[kbgf@kruckeberg.org](mailto:kbgf@kruckeberg.org)  
[www.kruckeberg.org](http://www.kruckeberg.org)

P.O. Box 60035, Shoreline WA 98160-0035  
 Newsletter produced by Suzanne Koidahl

Art by Mareen Kruckeberg: *Cyclamen coum* from the Caucasus Mountains blooms mid-winter regardless of weather.

## Drought-Tolerance in Our Gardens, Part III

by Art Kruckeberg

In the first two parts of this series we have featured woody (trees and shrubs) as well as herbaceous perennials from the Pacific Northwest and from the Mediterranean region. Other Mediterranean climates world-wide have their share of drought tolerant plants, many of which are ornamental and can be grown in our Puget Sound region. First and foremost are plants from those parts of California and the U.S. Southwest that thrive in a long drought period, from April to December.

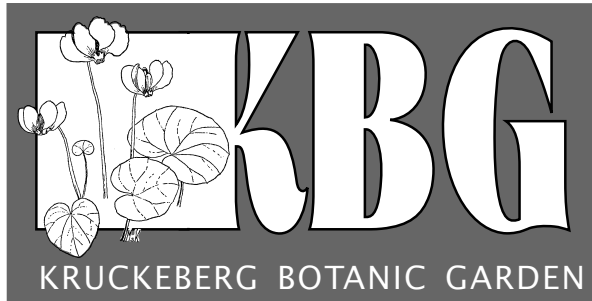
**CONIFERS:** California is richly endowed with conifers, most of which tolerate drought. Most are tall trees, needing ample growing space. First are the true firs (*Abies* species). The Santa Lucia fir, *Abies bracteata*, is an elegant, medium-sized tree, doing well here in the KBG meadow. White fir, *A. concolor*, especially the blue-gray foliage form, is most impressive. Incense cedar, *Calocedrus decurrens*, reminiscent of our native western red cedar, stands summer drought easily. Though tall (up to 50 ft in our garden), its columnar stature accommodates to a modest garden space.

Brewer's spruce, *Picea breweriana*, comes from northwest California, in the Klamath Ranges. Its elegant weeping form takes years to achieve; it thus stays small in its early years. True cypresses (*Cupressus* species) abound in California. We delight in growing *C. sargentii*, *C. goveniana*, *C. pygmaea*, and *C. bakeri*...all handsome cypresses. Several California pines make handsome drought-tolerant specimens: Knobcone pine (*Pinus attenuata*), Monterey pine (*P. radiata*), and that elegant small pine from the White Mountains of California, Bristle-cone pine (*P. longaeva*). And for sheer massive grandeur, the Big Tree from the Sierras, *Sequoiadendron giganteum*, will take drought...and ample *Lebensraum*.

**BROAD-LEAVED TREES:** Sierra maple, *Acer glabrum*, is the most drought-resistant of native maples; it is of modest stature (20-30 ft), suitable for the small garden. California buckeye (*Aesculus californica*) grows on dry hillsides west of the Sierras. It is a charming shrubby tree, not over 15 ft tall, with large compound leaves and showy, upright clusters of flowers. The Santa Cruz ironwood, *Lyonothamnus floribundus* var. *asplenifolius*, is a charming surprise in our garden. Though from the Channel Islands of southern California, it has thrived in KBG. Elegant, ferny foliage and intriguing bark are its hallmarks.

Of the many oaks native to California, we select the following. The first two are evergreens: California live oak (*Quercus agrifolia*) and Canyon live oak (*Q. chrysolepis*). As well, our garden has a champion state specimen of tanbark oak, *Lithocarpus densiflorus*. Two deciduous oaks thrive here: California black oak (*Q. kelloggii*) and Garry oak (*Q. garryana*). Garry oak gets as far north as Vancouver Island and is frequent in Puget Sound country.

Our final broad-leaved tree, the evergreen California bay laurel (*Umbellularia californica*), adds a potent bayleaf fragrance to its fine foliage and stature.



KRUCKEBERG BOTANIC GARDEN

## Board of Directors

## Kruckeberg Botanic Garden Foundation

Liz Birkholz

Michael Broili

Tanya DeMarsh-Dodson

Robert Hauck

Wendy K. Kay

Matt Loper

Kathie Morino

Bonnie Storm

Laura Zybas

## Ex officio member

Art Kruckeberg

## Meetings and Elections

The spring general membership meeting is scheduled for 7 pm on Thursday, June 17, at the Richmond Beach Congregational Church-United Church of Christ. The church is located at the corner of Richmond Beach Rd. and 15th Ave. NW. **The speaker on June 17** will be Fred Weinmann, currently state president of the Washington Native Plant Society. Fred will talk about the flora of the Issaquah Alps and how all that green space came to be.

The terms of four members of the Board of Directors will expire June 30th, and the vacancies will be filled by election at this meeting. The Nominating Committee's slate will be posted on the KBGF web site by May 20<sup>th</sup> and presented to the membership at the meeting. Members in good standing are eligible to vote. There are nine Directors, and the term of office is three years. Directors must be members and may serve two consecutive terms. Members are encouraged to apply or suggest another name and may do so by calling 206-542-4777.


Regular Board meetings are normally scheduled on the third Tuesday of each month; members are welcome to attend. Call 206-542-4777 or email [kgbf@kruckeberg.org](mailto:kgbf@kruckeberg.org) for more information.

Drought-Tolerance in Our Gardens . . . *continued*

**SHRUBS:** Many California shrubs meet our drought tolerance requirement. Most of them occupy that widespread plant community, *chapparral*...a dense elfin forest on dry hillsides. Many have already proven their water-conservation quality in gardens up and down the coast. We begin with that vast clan of evergreens, the manzanitas, species of *Arctostaphylos*, kin to the madrone and huckleberries. Those we've tried have done well: *Arctostaphylos hookeri*, *A. densiflora*, and *A. nummularia*. Another large clan of shrubs are the wild lilacs in the genus *Ceanothus*. Two major types have fine examples for Puget Sound gardens. First are the leathery, opposite-leaved ones like the Point Reyes creeper, *Ceanothus gloriosus* and the taller *C. masonii*. Among the alternate-leaved types, delight with *Ceanothus griseus*, *C. impressus*, *C. integerrimus*, and *C. thrysiflorus*, especially its creeping form var. *repens*. All have lavender to purple flowers in abundance.

The bush anemone, *Carpenteria californica*, is a favorite of ours, stunning in flower with large, anemone-like, white flowers with yellow centers (stamens). Adding charm are its long, narrow evergreen leaves. It is kin to our native mock orange, *Philadelphus lewisii* var. *californica*, another valuable water-saving shrub. The western redbud, *Cercis occidentalis*, is well known to Californians; witness the redbud festival in the spring north of the Bay Area. Distinctive are the kidney-shaped leaves and the copious clusters of pink to purple pea flowers. The silktassel bushes, species of *Garrya*, are well known, dry land evergreen shrubs. For any of these species, be sure to get a male plant; its showy yellow tassels in spring outshine the rather drab female tassels. The garden hybrid, *Garrya X issaquahensis*, combines the best of two species, *G. elliptica* and *G. fremontii*. It originated in a Puget Sound garden! California wax myrtle, *Myrica californica*, though native in coastal dunes, performs well inland. Dense evergreen foliage is its ornamental feature. It can be grown as a hedge or as a large screen shrub.

**SHRUB OAKS:** Besides their tree forms, several California and southwest oaks are low to tall shrubs. One is the deciduous shrub form of Garry oak (*Quercus garryana* var. *breweri*). The rest are evergreen. Our fondness for them is revealed by the number we grow; we just can't pick a favorite...they're all charming. The tallest is the scrub oak, *Quercus berberidifolia* (older name, *Q. dumosa*). Next in size is silverleaf oak, *Q. hypoleucoides*...from Arizona, yet it does well with us! Two Klamath-Siskiyou oaks charm the viewer: huckleberry oak (*Q. vaccinifolia*) and deer oak (*Q. sadleriana*). The massive tan oak has a shrub form, *Lithocarpus densiflorus* var. *echinoides*; it's normally restricted to serpentine soil, but it likes our glacial till soil!

Nearly all the woody plants listed above are available in nurseries, though some may have to be ordered from California or Oregon. Contact the author or KBGF for sources. Our final article in this series will feature herbaceous perennials from California and selected plants from yet other Mediterranean climates. Lest we forget: Drought tolerance and beauty can be matched! 

## KBGF T-shirts

Kruckeberg Botanic Garden Foundation T-shirts are available for \$15. They come in various sizes, with cream lettering on a forest-green background. Place an order or inquire by calling 206-542-4777 or emailing [kgbf@kruckeberg.org](mailto:kgbf@kruckeberg.org).

## President Laura Zybas Steps Down

Dear Friends:

A career move for my husband has relocated us to the San Juan Islands. I have been living in San Juan County since early March. This has made it difficult to maintain my duties as President of the Foundation. I have found it necessary to step down and leave the management of the Board to members who are closer to the activities. While I am no longer physically close enough to lead the Board, I still remain dedicated to our mission of preserving the Kruckeberg Botanic Garden. I expect to remain on the Fundraising Committee and involved in other activities as much as I can.

I would like to take this opportunity to urge you to be more than a member - become involved with Foundation committees and the Board of Directors. Our Board members set the policy and direction for the Foundation to achieve our mission. Many of our Board members have been there since the beginning. Their tireless work has brought us to where we are today. With many accomplishments behind us, we have many more challenges ahead. Our Board will have four positions to fill in the upcoming year. Our Treasurer needs some relief and other executive offices will be available. If you would like to participate in the Board, or if you have suggestions for potential Board members, please forward them to the Nominating Committee at [kbgf@kruckeberg.org](mailto:kbgf@kruckeberg.org).

The Foundation Committees are where the real work gets done. We can use members for the Publicity, Fundraising, Membership, Tours, and other committees. Experience in these areas is not required, but enthusiasm is! If you wish to join a committee please email us at [kbgf@kruckeberg.org](mailto:kbgf@kruckeberg.org).

Thanks for being a part of this wonderful organization. Please remember to recruit your friends for membership – bring them to our next open garden day.

Hope to see you in the garden,

Laura

## Changes on the Board of Directors

Many thanks to Laura Zybas for her leadership while President of the Board. She will remain on the Board through the end of her term, June 2004. On March 16th the Board selected Michael Broili to serve as President.

The Board also appointed Tanya DeMarsh-Dodson to a position on the Board, filling the vacancy created by the resignation last year of Jeanette Kunnen. Tanya's appointment is effective through June 2004; we hope in June she will stand for election by the membership to a full three-year term.

## Volunteer Help

Thanks to all the volunteers who so ably staffed the KBGF educational booth at the 2004 Flower & Garden Show, February 4-8. A special "well done" to Bonnie Storm for another very professional job in planning and preparing our presence at the show. As usual, Bonnie's attention to detail was admirable. We've learned that this task is really too much for one person, so we're looking for several additional volunteers to help next year. Please contact us soon, as planning starts earlier than you think.

The first Sunday afternoon work party of the season occurred April 4. We hope you were there, but if not you can still be among the first to share the magic of spring in the garden; our next Sunday afternoon work party is scheduled for May 2. Spend an hour or four. Come lend a hand preparing for the spring tours and the summer season before us. Please put the remaining "First Sundays" on your calendar: May 2, June 6, July 11, August 7, September 12 and October 3. When you come, look for our volunteer log to sign in and out, as we need to keep more complete records of who helps on what date and for how long. The log and other volunteer information can be found outside the cottage kitchen door.

As always, there's a big need for volunteers in the other work of the Foundation. We continue to need help with publicity; the work is intermittent, low stress, and can be done by email and phone. We're also looking for people who would enjoy helping with newsletter mailings or monitoring our Richmond Beach PO box, and we need help with hospitality during tours, plant inventory and labeling, grant applications, and gardening workshops. Experience is not required, and you'll meet some interesting people! If any of these areas sounds appealing, please contact us.

## Web Site

Reminder: our web site is at [www.kruckeberg.org](http://www.kruckeberg.org).

Worldlink Internet Services donates domain-name hosting for KBGF, and offers the following discounts to KBGF members: Dialup Internet Access at \$15/month, DSL at 15% off and All other Worldlink services at 10% off.

Worldlink is a local company with over 5,000 subscribers, and we have been pleased with their support and positive attitude. Visit [www.w-link.net](http://www.w-link.net) or call 1-888-361-4638 for more information.

**Please pass this newsletter on to a friend!**

## membership

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 email \_\_\_\_\_  
 How did you hear about the Garden? \_\_\_\_\_  
 \_\_\_\_\_

### Membership Categories

- \_\_\_\_\_ \$1,000 Oak (Benefactor)
- \_\_\_\_\_ \$500 Douglas Fir (Patron)
- \_\_\_\_\_ \$250 Red Cedar (Sustaining)
- \_\_\_\_\_ \$100 Dogwood (Club)
- \_\_\_\_\_ \$50 Dawn Redwood (Contributing)
- \_\_\_\_\_ \$35 Madrone (Regular)
- \_\_\_\_\_ \$25 Vine Maple (Student/Senior)

## Has Your Membership Expired?

We continue to mail our newsletter to friends whose membership has expired, and to others who have not yet joined. Look in the upper right corner of the mailing label for the month and year your membership expires. Please consider rejoining our effort to preserve this very special place. Just clip and mail this form. Your donation is tax-deductible.

Please make checks payable to KBGF and mail to:

**Kathie Morino**  
**958 Walnut St.**  
**Edmonds, WA 98020**

## New Members

Welcome to the following members who have joined since January:

Frank & Mary Lee Backus	Dean Jamieson
Marilyn Bishop	Michele Liburdy
John Corso	Marilynn Mathews
Patti Gotz	Sylvia Moren
Clare & Paul Grace	Mary Randlett
Matthew & Cheryl Guss	

## Renewing and Returning Members

Thanks to those members who renewed or rejoined since January:

Gail Adams	Frankye Jones & Brock Robison
Betty Bostrom	David Kimmett
Donn Charnley	Matthew Loper
Janet Charnley	Jennifer Macuiba & Kevin Carrabine
Molly & Bob Cleland	Phyllis Nagel
NW Chapter, North American	Emily Neat Carter
Rock Garden Society	Penny Nichols
Robert & Cass Dahlstrom	Rod Parke & Dale Burke
Tanya DeMarsh-Dodson	Carole Presson
Marjorie & Dick Fiddler	Linda Jo Pym
Judy Griesel	Philip & Barbara Smith
Robert & Kathryn Hauck	Finis & Pamela Tupper
Olga & Fred Hauptman	Vicky Tyree
David & Susanna Johnson	Pat Walker

## Send Us Your Email Address

Please keep us informed of changes in your email address. The newsletter is a good way to communicate, but it does come only quarterly. Email is a great way to remind you of scheduled events and inform you of changes and short-fuse happenings...and email is inexpensive. For those reasons, we try hard to keep our address list up to date. Of the 335 or so names on our newsletter mailing list, we have email addresses for only about 60%. If you think we may not have your email address, please send a message to [kbfg@kruckeberg.org](mailto:kbfg@kruckeberg.org). All such personal information is kept strictly private.

## KBGF Wish List

We welcome donations of needed items. Our wish list still includes:

- Volunteers...lots of volunteers!
- A computer more capable than a Pentium II (166 MHz) or Macintosh Performa
- A PC-compatible external hard drive (sealed or removable cartridge)
- A metal detector—Land Ranger 4 or similar

## Garden Tours

The City of Edmonds Parks & Recreation Department has scheduled spring garden tours on Saturdays, April 17, May 22 and, June 19. For additional information call 425-771-0230. The fee is \$20 per adult (age 18 and older), of which the City forwards \$15 to KBGF. The fee for a youth (age 12-17) is \$10 (\$7.50 to KBGF). Additional tour information is on our web site, [www.kruckeberg.org](http://www.kruckeberg.org).

The City of Shoreline Parks & Recreation Department has also scheduled garden tours on Saturdays, May 1, June 5, and September 25. The Shoreline fees are the same as for Edmonds. For information see their catalog or call 206-418-3383.

The Richmond Beach Community Association has scheduled its annual garden tour on Saturday, June 12 from 12:00 – 4:00 pm. Informational guides will be available about May 29th at the Richmond Beach Library, Sweet Basil, Richmond Beach Coffee Shop, and the Richmond Beach Store at 20<sup>th</sup> Ave.

Tours also may be scheduled directly by calling the KBGF voicemail line, 206-542-4777. These tours normally are offered for groups of 6 to 15 persons, by appointment. The fee is \$15 per adult (\$7.50 for youths). For organizations dedicated to coordinating senior citizen activities, a flat fee of \$100 is charged, irrespective of group size. Tours normally start at 10 am and last about two hours.

## Regional Tours

*Horticulture* magazine is celebrating its 100<sup>th</sup> birthday in collaboration with Dan Hinkley and Heronswood, offering lectures and garden tours at the Kingston garden June 11 and 12. Check out [www.hortmag.com](http://www.hortmag.com) for registration details.

## Parking

Many readers know the Garden is in a residential neighborhood, the right of way on 15<sup>th</sup> Ave. is narrow, and parking for visitors is quite limited. When planning a visit for tours or other events, please make carpooling a very high priority. When necessary to reduce parking impact on the neighborhood, we will set special parking arrangements. If you have questions about parking, call us at 206-542-4777. Thanks in advance for your cooperation, and thanks also to KBG neighbors for their patience.

## Open Garden

On Saturday, April 24, the Garden will be open to members and their guests from noon to 4 pm. We hope each of you will come and enjoy the Garden in bloom. Refreshments will be available. Those who drive to the Garden are reminded that parking is tight: It's a residential area, and 15<sup>th</sup> Avenue is relatively narrow. Please respect the rights and privacy of our neighbors. It's best to park on the east side of the street, especially in the immediate vicinity of KBG. To enhance pedestrian safety, please ensure the car is as far off the street as possible.

**KRUCKEBERG BOTANIC GARDEN FOUNDATION**  
**P.O. Box 60035**  
**Shoreline, WA 98160-0035**

