

## The Central Valley Garden in Winter

Ellen Zagory, Director of Horticulture and Diane Cary, Communications Director

*In California's Central Valley, the onset of winter's cool, wet weather marks the beginning of the growing season for California native and Mediterranean climate-adapted plants.*



© Dr. Alfred Brousseau, Saint Mary's College

The flowers of silk tassel bush,  
*Garrya elliptica* 'James Roof'

Comparable to early spring in colder, continental climates, this is the season when root growth begins and summer drought-adapted plants emerge from dormancy, leafing out and even, in some cases, bursting into bloom. Winter highlights include ornamental tree bark, clusters of glossy berries, and interesting plant forms and foliage. As an added bonus, winter gardens are alive with the calls and movement of migrating birds.

### EVERGREEN PLANTS PROVIDE STRUCTURE

Winter is the perfect time to consider the shrubs and trees that are the "bones" of the garden, forming the foundations and backdrops for smaller plants that come and go. In the California native section of the UC Davis Arboretum, we rely on evergreen shrubs like California wild lilac (*Ceanothus* spp. and cultivars), toyon (*Heteromeles arbutifolia*), sugar bush (*Rhus ovata*) and lemonade berry (*Rhus integrifolia*) for dependable garden structure. One of our

most spectacular winter features is the silk tassel bush (*Garrya elliptica* 'James Roof'), with long silvery dangling flower clusters.

### GARDEN MAINTENANCE IN WINTER

Protect your soil from compaction by placing a thick layer of mulch on the soil before the winter rains begin. Be sure to leave space between the mulch and the trunk of the plant to avoid fungal diseases that arise from moisture trapped at the stem. Mulch will suppress spring weed seed germination and allow you to work in the garden in winter without compacting the wet soil. Plus, it will keep your gardening shoes mud free!

To ensure vigorous growth and tidy forms, cut back fall perennials in winter, after the birds have had a chance to take the seeds.

Following a freeze, we recommend that you wait before pruning damaged foliage or removing plants that have died to the ground. Dead growth will protect the plant from further freezing. Pruning too soon leaves tender new growth unprotected and even more vulnerable to low temperatures. When the danger of frost is past, check stems to see if they are firm and not spongy. If they are firm, scrape a small section of bark with a fingernail and look for green below the bark. All spongy and brown growth can be removed, leaving firm green stems to resprout. Later you can prune to re-shape the plant as needed.

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## ARBORETUM ALL-STARS FOR THE WINTER GARDEN

Washington hawthorn, *Crataegus phaenopyrum*, is a sturdy small tree perfect for today's smaller suburban gardens. It provides year-round interest for Valley gardeners with profuse white spring flowers, brilliant scarlet foliage in fall, and ornamental fruit clusters in winter that are appreciated by birds. It appears to be disease free in our area.

Winter daphne, *Daphne odora* 'Aureomarginata,' is an evergreen shrub useful in the shade garden and sought after for its fabulous winter fragrance. It is able to tolerate our clay loam soil with watering only every two weeks in summer. The rounded clusters of pinkish flowers will entrance you and visitors to your garden with their scent. It may take a few tries to find the perfect spot for this winter bloomer but it's worth the effort.

In January and February, manzanitas come into their glory, with attractive clusters of urn-shaped flowers. *Arctostaphylos densiflora* 'Howard McMinn,' the Vine Hill manzanita, has clean, dark-green foliage and pale pink blooms and performs well at the Arboretum. Resident hummingbirds will flock to this plant during this time when nectar is hard to find.



Ellen Zagory

Hybrid garden hellebore, *Helleborus x hybridus* (left), is an easy perennial that brightens the shady winter garden by producing clusters of saucer-shaped, white, pink, mauve or smoky purple flowers. Many new forms are becoming available in darker colors, with doubled petals and with more upright, rather

than drooping, flowers. The large, leathery, evergreen foliage persists, but if it gets tired-looking should be cut back in the winter when the flowers and new foliage emerge.

Deer grass, *Muhlenbergia rigens*, is a native grass that can be used as an accent plant or low, informal screen. It can reach 3-5 feet in height and 4-6 feet wide. It is very adaptable, growing in either full sun or part shade, with little or average irrigation. Deer grass produces upright and arching foliage and dramatic flower spikes and adds texture and movement to perennial plantings. It can be cut to the ground to freshen the foliage every few years and sprouts back rapidly.

A longer version of this article appears in the January 2008 issue of *Pacific Horticulture*.

## NEW NURSERY CONSTRUCTION STARTS

Carmia Feldman, Assistant Director

Construction has begun on our new nursery! It will be built this winter in the field north of the Mediterranean collection, along Garrod Drive across from the Veterinary Medicine buildings. This will replace our current nursery at Orchard Park. The new site is

conveniently located near the Ruth Risdon Storer Garden, our Valley-Wise demonstration garden, and Shields Oak Grove.

Having the nursery at this location aligns well with our long-range plans to turn the west end of the Arboretum into a showcase of sustainable horticulture practices. The new nursery will be a teaching and demonstration area for UC Davis students and the public to learn about Arboretum All-Star plants and Valley-Wise gardening—plants and practices that are suitable for Central Valley conditions.

We plan to partner with the California Center for Urban Horticulture and other horticultural programs, such as the Master Gardeners, to make this a true "teaching nursery."

The move is necessary because UC Davis is building a new Student Health and Wellness Center on the site of our current nursery. When we heard that we would have to move, we assembled a team of volunteers and staff to investigate our current set-up and future needs. Bob Gregoire, a professional facilities manager and Arboretum volunteer, has led weekly meetings with Mary Patterson, president of the Friends of the UC Davis Arboretum, and our nursery and planning staff since January 2007. We have interviewed stakeholders about what they need and want in a nursery and met frequently with the project manager from UC Davis Architects & Engineers to make sure the new nursery will meet our needs. We have worked hard to assess all of our nursery systems and streamline our processes.

Part of the funding for the new nursery is provided by the Health and Wellness Center project as a relocation cost. Although we do not have the funding at this time to create our dream nursery, we know the new nursery will be a great improvement over the current site, which was built over many years with very limited resources. We have planned the nursery with room to add features in the future as funding and other resources allow.

Don't miss our final sales in the current nursery site on Orchard Road this spring. We will hold our annual Members-only Plant Sale and Social on March 15 and one public sale on April 12. Be sure to come to both sales to take advantage of discounted prices and other incentives so we can clear our inventory and get ready for the move. We will have the new nursery site up and running in time for our annual Plant Faire in October 2008.



Robert Bohn, Arboretum steward (right), shows Carmia Feldman, assistant director, (left) and Beth Gale, nursery manager, the plans for the new nursery.

## WILLIAM F. MCCOY, IN MEMORIAM



The Arboretum lost a staunch advocate and devoted volunteer with the passing of William F. McCoy on Oct. 18, 2007.

As associate university librarian for UC Davis for 20 years, Bill was responsible for personnel, budget and facilities operations, including two major expansions of Shields Library and construction of the Physical Sciences Library.

After retiring, he brought his expertise to the Arboretum, where he served 14 years as volunteer librarian, as well as several terms as membership chair for the Friends of the UC Davis Arboretum. He contributed thousands of hours to establishing and maintaining a rich, compact collection of horticultural and botanical resources that is used extensively by staff, volunteers, and members. In 2004, Bill's friends dedicated a bench in the Redwood Grove in his honor on the occasion of his 80th birthday. His presence in the Arboretum office was a delight, as were his homemade birthday cakes for staff—often with a secret ingredient like sauerkraut or tomato soup. His erudition, wit and humor were a tremendous asset to the Arboretum, and we miss him.

## CALIFORNIA CENTER FOR URBAN HORTICULTURE UPDATE

Ellen Zagory, Director of Horticulture

On October 16, 2007, the California Center for Urban Horticulture (CCUH) held its first industry conference on "Quality Trees for California." The Arboretum is a partner in the Center and helped launch it last year. Attended by over 140 nursery industry representatives, the conference focused on methods and standards for production of the highest-quality container-grown trees. Tree failure in landscapes is often attributed to nursery practices, such as improper pruning that leads to later branch failure. In addition, container culture of trees can result in circling roots that can "choke" the stem as the tree grows. Circling roots can result in poor establishment and growth as well as unstable trees that topple easily. Conference topics included a review of best management practices and standards for growing and selecting best-quality trees.

In other news, Melissa "Missy" Borel has been hired as the new Program Manager for CCUH. Missy recently completed a Master's degree in Plant Science with a major in Environmental Horticulture; as a graduate student she worked as an education and planning assistant at the Arboretum. When asked about her vision for her new position, she said, "We have a valuable role, serving as an outreach arm connecting university research to businesses, communities and individuals outside of the campus. Engaging these audiences allows us to disseminate horticulture information widely, to help make the landscape of California's urban forest both beautiful and sustainable."

## ARBORETUM CO-HOSTS NATIONAL GIS SYMPOSIUM

Mary Burke, Director of Planning and Collections

In November, the UC Davis Arboretum, together with the American Public Gardens Association (APGA), the Missouri Botanical Garden, and the San Diego Zoological Society, hosted the first national GIS (geographic information systems) symposium for zoos and botanical gardens. The sold-out event attracted staff who use digital maps and ArcGIS software to manage their grounds, facilities, plant collections, and research projects. Topics included practical issues, such as 'How to Launch a GIS' and 'How to Fund a GIS', as well as innovative ways to use GIS as an educational tool in a garden or zoo. Dr. Peter Raven, one of the world's leading botanists and long-time director of the Missouri Botanical Garden, gave a stirring kick-off address. Dr. Jack Dangermond, president and founder of ESRI (Environmental Systems Research Institute), was the keynote speaker at the two-day symposium.

ESRI is considered to be the world leader in GIS software and technology. Dr. Dangermond has initiated a new donation program to provide free online training and ESRI software licenses for every zoo and botanical garden in North America. This bold and exciting new donation program was the result of Jack's passion for plants and global plant conservation and his response to a proposal developed in 2006 by Cary Sharp and Mary Burke.



UC Davis Arboretum staff Brian Morgan, GIS Manager, and Mary Burke, Director of Planning and Collections, with Dr. Jack Dangermond, President, ESRI, and Cary Sharp, Director of Horticulture, San Diego Wild Animal Park, at a recent GIS symposium co-hosted by the UC Davis Arboretum in St. Louis.

We are all very grateful for ESRI's support and encouragement as we work together to understand and protect the world's floristic biodiversity, both in wild places and in scientific collections within botanical gardens and zoos around the world.



# Fall Events



Clockwise from top left: Professor Art Shapiro (second from left) leads a tour of butterfly habitat in the Arboretum. Cultural interpreter Diana Almendariz teaches Annapurna, age 9, to make cord from tule fibers. Pam Houston, professor of English, listens as one of her students introduces her. Faculty in the creative writing program read from their work to a standing-room only crowd at the Wyatt Deck. Outdoor Education Coordinator Tracy Rosenthal demonstrates acorn grinding to a 4th-grade class at our new education pavilion at the Wyatt Deck. Arboretum superintendent Warren Roberts leads a tour of the Shields Oak Grove as part of an event celebrating the oak collection.



Photos by Elaine Fingeret except bottom left, by Diana Johns.

**KUDOS!** The UC Davis Arboretum was recently named one of the ten best botanic gardens in the United States by Hotel Club Travel Blog. See the story at <http://blog.hotelclub.com/the-10-best-botanic-gardens-in-the-us/>.



## OAK ACCOLADES

Emily Griswold, Assistant Director of Horticulture

The UC Davis Arboretum's impressive oak collection of 574 trees representing 95 different varieties has recently been recognized as a collection of national significance by the North American Plant Collections Consortium. Over 90 Arboretum supporters gathered on October 19 to celebrate this new honor and to acknowledge the contributions of Arboretum director emeritus Dr. John M. Tucker to the development and maintenance of the collection.

The North American Plant Collections Consortium (NAPCC) is a cooperative program of the American Public Gardens Association, the USDA, and the U.S. National Arboretum that is dedicated to conserving plant diversity in the living collections of botanical gardens. Institutions participating in the NAPCC must commit to professional standards of collections management and make their plant collections available for selection and breeding, taxonomic studies, evaluation, and other research, teaching, and conservation work. The application process requires a comprehensive inventory of collections records, a survey of collections policies and maintenance, a site review by a knowledgeable curator, and a statement of institutional commitment. The UC Davis Arboretum has fulfilled all of these requirements for our oak collection and has been accepted as a full member of the program.

We join 14 other public gardens with large oak collections in forming the first ever multi-institutional NAPCC collection. With over 400 species worldwide from diverse climates and habitats, the oaks would be impossible to represent in a single garden's collection. By coordinating efforts with gardens in different climate zones, we aim to cooperatively increase the diversity of our holdings and maximize our representation of the world's oaks. Other prominent gardens in our group include



Dawn Spinnella

Dean Neal Van Alfen of the College of Agricultural and Environmental Sciences (right) presents a certificate to Arboretum director emeritus John Tucker and Emily Griswold, assistant director of horticulture, marking the induction of the Arboretum's oak collection into the North American Plant Collections Consortium.

the Missouri Botanical Garden, the Morton Arboretum, Cornell Plantations, and the UC Botanical Garden at Berkeley. We hold the distinct honor among the 15 institutions in the oak group of having the most unique collection, with 18 species, varieties, and naturally-occurring hybrids not represented in any other garden. The uniqueness of our collection is largely due to the contribution of wild-collected acorns from the research of Dr. John M. Tucker over the course of his long academic career in oak taxonomy.

Emily Griswold, assistant director of horticulture, has been nominated to serve as the first coordinator of the NAPCC Oak Curatorial Group, an association of the curators of all 15 NAPCC oak collections. She is looking forward to working with the group to improve our representation of oaks from the southern U.S. and Mexico, improve our collections documentation with voucher herbarium specimens, and make our collections more accessible to researchers with an online database.

## LISA CHAFFEE

Beth Gale, Nursery Manager

Please join us in welcoming Lisa Chaffee to the Arboretum staff as our propagation specialist. Lisa has been with the Arboretum since June 2005 as a student nursery assistant. She has been a vital part of the plant sales; she is a natural leader, has a real passion for plants and is a fantastic researcher. She recently graduated from UC Davis with honors in Plant Biology with an emphasis on genetics and breeding. She is very interested in plant introductions, looking for new and improved plant characteristics. Lisa began propagating on her own almost nine years ago and variegated and shade plants are her true loves. Her new role is funded for a year by a Slosson grant intended to create propagation protocols for ten difficult-to-root Arboretum All-Stars species. We are very lucky to have Lisa on our team!

Lisa Chaffee, left, helping a customer at an Arboretum plant sale.



Holly Crosson



# UC DAVIS ARBORETUM

## CALENDAR OF EVENTS WINTER 2008

### GUIDED TOURS

*No charge, no reservation required*

#### WALK WITH WARREN

Wednesday, January 9, noon, Gazebo

#### CONTAINER GARDENS FOR THE CENTRAL VALLEY

Saturday, February 2, 11:00 a.m.  
Arboretum Terrace

#### FINDING BEAUTY IN THE DEAD OF WINTER

Saturday, February 9, 11:00 a.m.  
Buehler Alumni & Visitors Center

#### WALK WITH WARREN

Wednesday, February 13, noon, Gazebo

#### COLOR IN THE GARDEN

Saturday, February 16, 11:00 a.m., Gazebo

#### VARIATIONS ON A THEME: ACACIAS ALONG THE CREEK

Saturday, February 23, 11:00 a.m.  
Arboretum Headquarters

#### NATIVE PLANTS FROM A GARDENER'S PERSPECTIVE

Saturday, March 1, 11:00 a.m.  
Buehler Alumni & Visitors Center

#### SIGNS OF SPRING

Saturday, March 8, 11:00 a.m.  
Buehler Alumni & Visitors Center

#### WALK WITH WARREN

Wednesday, March 12, noon  
Arboretum Headquarters

#### EARLY SPRING IN THE STORER GARDEN

Sunday, March 16, 2:00 p.m., Gazebo

#### LIVING UNDER THE REDWOODS

Saturday, March 22, 11:00 a.m.  
Buehler Alumni & Visitors Center

#### SPRING IN THE NATIVE PLANT GARDEN

Saturday, March 29, 11:00 a.m.  
Buehler Alumni & Visitors Center

### WORKSHOP: INTRODUCTION TO BOTANICAL WATERCOLOR

Sunday, February 3, 9:00 a.m.–4:00 p.m., Arboretum Library  
Fees: \$60/\$50 members, students + \$10 materials fee (required)

Join us for a beginning-level watercolor workshop. Students will learn the techniques and start their own botanical watercolors inspired by the Arboretum. Paints, paper, and tools provided by the instructor, Catherine Buscaglia (right). More advanced students are welcome to attend. For advance registration, please contact Judy Hayes at (530) 752-4880, jhayes@ucdavis.edu.



Elaine Fingerhut

### FOLK MUSIC JAM SESSIONS

Alternate Fridays, January 11, 25, February 8, 22, March 7, 21  
12:00 p.m., Wyatt Deck (next to Redwood Grove)

Pull out your fiddles, guitars, mandolins, banjos (you name it) for an acoustic jam session. Campus and community folk musicians play together over the lunch hour. All skill levels welcome. Listeners welcome!



### NATIVE CALIFORNIAN ELDERBERRY FLUTE-MAKING WORKSHOP

Sunday, February 24, 1:00-3:00 p.m.  
Room 146 Environmental Horticulture

In this free two-hour workshop you will learn how to make a Native Californian elderberry flute from East Bay Regional Parks docent Antonio Flores (left). Antonio will talk about the culture of flute-making and also about the endangered elderberry beetle. He will also teach us how to play our flutes. All materials will be supplied. Please bring a sharpened pocket knife. All ages are invited. Adults will need to supervise their young children.

### SAN FRANCISCO FLOWER & GARDEN SHOW

Wednesday, March 12, 7:45 a.m.–5:00 p.m. Fee: \$55 / \$45 members

This year's theme is "Make Life Beautiful." Enjoy thousands upon thousands of flowers and plants with all their rich colors, fragrances and textures, four acres of inspiring gardens, and free seminars for all gardening levels. Shop at 300 exhibits, all strictly related to gardening, outdoor living and gardeners. Fee includes transportation and admission. Wear comfortable shoes. Bring a bag lunch or eat at the cafe. Advance registration required—call (530) 752-4880 for information.

### MEMBERS-ONLY PLANT SALE & SOCIAL

Saturday, March 15, 9:00 a.m.–1:00 p.m., Orchard Park Nursery  
Members only—join or renew at the door

Get first choice of our spring sale plants! Enjoy music, refreshments, and children's activities. Expert garden advice, 10% discount and free plant for members. Bring a new member and receive an additional free plant coupon. Join at the door and receive a free plant coupon. Free parking in Visitor Lot 35.



# Donations this Quarter

*We extend our sincere gratitude to these donors*

## NEW & RENEWING MEMBERS

Thomas Adams  
Brett Thomas &  
C.J. Addington  
Donald Agostinelli  
Carolynn Aikawa  
William Akridge  
Tim Allis  
Cindy Anders  
Eric & Annette Anderson  
Jennifer L. Anderson  
John Bailey  
Pat Bailey  
Lisa Baker  
Michele Barefoot  
Lorraine Barr  
Nancy Baum  
Shirley & G.R. Baxter  
Betty Belafsky  
Lorna Belden  
Valerie Berg  
Betty Berteaux  
Donna Billick  
Mark Basgall & Tina Biorn  
Katherine Bishart  
Roxanne Bithman  
Marlene Bloomberg  
Judith Blum  
Barry Bolden  
Joan & Chuck Bollman  
Charles & Dottie Bonneau  
Melissa Borel  
Ray Borton  
Carla Bossard  
Shorty Boucher  
Toni Bowman  
Barbara Boyle  
Nancy Bramberg  
Brenda Turner &  
Carole Brames  
Susan Bridge  
Greg Bridwell  
Monica Britton  
Mary Brooks  
Deborah Bruns  
Robert L. Bugg  
Moiria Burke  
Judith Burns  
Allean Burton  
Amy Cardace  
Dominique Cardero  
Cathy Carew  
Debra Carey  
Allen Carlson  
Alexandra Carmouche  
Patricia Carpenter  
Diane & Keith Cary  
Mark & Marcia Cary  
Rick Castro  
Jessica Chabot  
Kim Chacon  
Lisa Chaffee  
Carolyn Chamberlain  
Sylvia Chan  
Yu-Tai Chang  
Roger Chetelat  
Dan Chia  
Julie Choe  
Junia Chou  
Katie & Derek Cissell  
Beverly Clairfield  
Diane Clarke  
Elizabeth Clong  
Rachel L. Cohen  
Beverly Cole  
Glenn Cole &  
Carol Souza Cole  
Alan & Sue Colombano

Kevin Conn  
Karen Cornell  
Adam Costanzo  
Eric Courville  
Ellen Covairt  
Julia A. Cox  
Matt Crafton  
Christina Craig-Veit  
Cynthia Crenshaw  
Holly Crosson  
Nancy Cutter  
James V. DiAurora  
Sarah DiSouza  
Charlotte Davis  
Connec Davis  
Matt Davis  
Michelle Davis  
Beverly Dawkins  
Johannes J. De Vries  
Daryl & Joyce Deering  
Ryan Deering  
Clay M. DeLong  
Thelma Dietrich  
Carol Dillard  
David Do  
Linda Dobris  
Audrey Doehe  
Fran Dolan  
Lisa Dorn  
Dana Drennan  
Janet Dressman  
Anne Driscoll  
Paula Driver Shimada  
Renee Dryfoos-Guss  
Margaret Dugan  
Raul Duran  
Valerie Durbin  
Elena Dutulescu  
Paul Lutes & Noel Dybdal  
Ann E. Dyer-Bennett  
Ken Ealy  
Barb Eastburn  
Delaine Eastin  
Liz Eaton  
A. Sidney England  
Patricia & Ralph Ernst  
Betsy Faber  
Jeff Falyn  
Jaime Ordoñez &  
Carmia Feldman  
Sara & Tom Ferguson  
Charles Figove  
DiAnn Finley  
Beth Flory  
Lili M. Floyd  
Phoebe Ford  
Tavis Forrester  
Nancy Foster  
James H. Fowler II  
Joe Frankenfield  
Byron & Kathryn Froman  
Thomas Frost  
Fran Garcia  
Maude Genigeorgis  
Paul & Elizabeth Gepts  
Natalie Giannini  
Jacqueline J. Gilardi  
Judy Gilchrist  
Michael Gillespie  
Jim Gray  
Mary Greaves  
Patricia S. Greene  
Gayl Gregson  
Veronica Gross  
Mark Grote  
Jacquelyn Hague  
Janet C. Hamilton

Lori & John Hansen  
Susan Hansen  
Anne Happel  
John Hardin  
Mary E. Harris  
Susan Harrison  
Linda Hartman  
Caroline Hathaway  
Cathy Hays  
Katherine Heck  
Raul Hernandez  
Nancy Hilden  
Robin Hill  
Debbie Hillel  
Judith Hills  
Mary Jo Hoes  
C.B. Hoffman  
Kathleen Holder  
Elizabeth Honeysett  
Catherine Whitney Hoover  
John Hopkins  
Mary Horton  
Clifford Hui  
Jim Hunter  
Hege Indresand  
George Ingram  
Gail Jankowski  
Kathryn Jankowski  
Jamie Jensen  
Rachel A. Jochem  
Jerry & Dee Johnson  
Patricia Johnson  
James Joines  
Henry Jones  
Norman Jones  
Patricia Jordan  
Ann Joseph  
Christine Joshel  
Maryann Just  
Justin Kael  
Rick & Mikaela Karban  
Arlen Kas mire  
Susan Keen  
Jane Keller  
Annie Kempees  
Gail Kennedy  
Robert Kerr  
Suzi Kinkle  
Jeanne Kirsch  
Kristen Kolb  
Laura Kong  
Janet Krovoza  
Briget Kubiak  
Douglas J. Kubo  
Thomas Kuenzli  
Roverta Kuhlman  
Cecilia Kwan  
Dean & Janice Labadie  
Charles Lacy  
Mary Lahr  
Jean Landeen  
Darren Lau  
Terri Laux  
Valerie Layne  
Grace Y. Lee  
Lorin Leese  
Gregory Leger  
Barbara Leone  
Jenny Lester Moffitt  
Ernie & Mary Ann Lewis  
Mark Lieb  
Kend Linderholm  
Edward Liu  
Wee Lo  
Michael Lopez  
Mark Lubell  
Leena F. Lucchetti  
Jerry Lundblad  
Susan K. Macaulay

Linda Magrum  
Thomas Mahoney  
Mary Major  
Sherry Maltby  
Merry Marsh  
Sarah Marsh  
Louise Massie  
Terri Matsumura  
Evelyn Mattenui  
Mary McComb  
Jeanne McCormack  
Amy McGuire  
Vicki Smith &  
Steve McMahon  
Trina McMorro  
Annie McNabb  
Diane McVicker  
Verline Miguel  
Pat Mikkelsen  
Jennifer Miller  
Barbara Miyano  
Katie Moizeau  
Marcia Mooney  
Diane Moore  
Gloria Moore  
Susan Moore  
Adele Moussas  
Dave Mrus  
Susan Murin  
Patricia Murray  
Stephanie Myers  
Deanna Myhre  
Suzanne Ullensvang &  
Ken Naganuma  
Michael Nehl  
Laurel Nelson  
Jeanette Newmen-Velez  
Michael Niemela  
John C. Nitta  
Annette Sato & Alan  
Nobunaga  
Michael Nolan  
Sandy Norene  
Robert & Roswita D. Norris  
Peter O'Connor  
Kathy Olson  
Robert Onaga  
Annette C. Operhall  
Laurie Opfel  
Jessica Oster  
Pat Ostini  
Noreen Ott  
Mike & Carlene Ozonoff  
Miep & Philip Palmer  
Charla Parker  
Pat Dahl Parker  
Joy Parker  
Paul & Linda Parrons  
Susan Stover & John Pascoe  
Ryan Pass  
George Pavana  
Jewel Payne  
Mr. Pestona  
Rose Rowan &  
Steve Petrakis  
Diane Phaff  
Leona Phillips  
Scott Phillips  
Nora Poff  
Pamela Polakoff  
Annette Porini  
Sabrina Prati  
Nancy T. Price  
Niels Proctor  
R. Quade  
Anne Quilter Goldstein  
Susan Ragsdale  
Lesley Randall  
Lawrence Rappaport  
Mary Ellen Reece  
Rhonda Reed-Gebhart  
Donna Reifert  
Marshall Rice  
Jim Drummond &  
Lois Richter  
David Rizzo  
David & Jeanette Robertson

Sarah Rock  
Robert & Linda Rodden  
Kevin Roddy  
Rudger L. Rollings  
Donna Rose  
Grace & Carl John  
Rosenquist  
Mike Roskey  
Jesikah Maria Ross  
Patricia Rue  
Naomi Saito  
Sherri Sandberg  
Betty Lindvig &  
Karen Sandvick  
Jane Sangwine-Yager  
Anabel Sanicky  
Christine Scarlett  
Jacqueline Schell  
Benjamin Scherdt  
Jan Schillinger  
Jane Scott  
Pam Scott  
Daniel Sedillo  
Wendy Seppi Light  
Richard Seyman  
Peter & Kathryn Shack  
Isabel Shaskan  
Stephen Silberstein  
Marlen Simon  
Jewel Sims  
Jared Sisneroz  
David Sivakoff  
Donna Skeen  
Susan Mann & Bill Skinner  
Gina Skurka Darin  
Sonja Skyles  
Barbara Slemmons  
Laura Snyder  
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Hans & Chris Strandgaard  
Sharon Strauss  
Poppy Strode  
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Ann Studer  
Adrienne Svedas  
Chole Sweig  
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Sloane Thomas  
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Clair Thunes  
Lindsay Torreblanca  
Anne Tracy  
Robert Traut  
Rachel Terice  
Kristi Tronoff  
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Daniel S. Micsunescu



# FROM THE DIRECTOR



Dear Friends,

Reading through this issue of the Review, I was struck by how clearly the Arboretum is emerging as a national leader. Our oak collection has been recognized as nationally significant, and Emily Griswold is chairing a national committee of botanical garden curators (page 5). Our GIS project, led by Mary Burke and Brian Morgan, establishes us as a partner with the most prominent living museums (zoos and botanic gardens) in the country and has the potential to transform information sharing for conservation work worldwide (page 3). We were recently identified as one of the top ten botanic gardens in the nation by HotelClub Travel Blog (page 4).

We are breaking new ground as an education and outreach arm of UC Davis, with the development of a new teaching nursery (page 2) and an expanded palette of education programs, both in the Arboretum (page 4) and through the new California Center for Urban Horticulture (page 3). These efforts support the Arboretum GATEways initiative, bringing the rich resources of UC Davis to our regional audience. Student leadership development is another important aspect of the GATEways project. A number of students who have come through our experiential, hands-on internship and training programs have gone on to work for us in a professional capacity; the latest is our new propagation specialist, Lisa Chaffee (page 5).

This is the season to be thankful, and I am grateful for our wonderful volunteers, who not only contribute thousands of hours of valuable time and effort, but bring such richness to the Arboretum community. We remember Bill McCoy, our volunteer librarian who passed away last month, with great fondness and gratitude (page 3). I would like to welcome the new class of volunteers, just finishing their core training. I look forward to getting to know you all.

We are grateful to all of you who support the Arboretum financially, through your membership, memorial contributions, and annual gifts. If you contributed in response to our recent annual appeal mailing, thank you! If you have not yet contributed, please consider making a special gift. We will use your donation carefully to maintain and enhance our plant collections, gardens, and programs.

Be sure to bundle up and come out to enjoy the special charms of the Arboretum in winter! I hope to see you at some of our upcoming programs.

Sincerely,

*Kathleen*

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