JANUARY PRESENTATION:
A Rare Forest Orchid and Fire Suppression
Matt Brown, Botanist
Eldorado National Forest

It is a lovely thing to discover one of California’s rare orchids while hiking through the forest. However, such discoveries may become rare if current wildfire suppression strategies in our forests continue. Under historic fire regimes, mixed-conifer forests were generally more open and varied in structure. Over the last century, wildfire management and fire suppression have led to denser forests with more trees and fewer openings and early successional patches. Yet these forest openings are important habitat for many rare forest understory plants.

A small native orchid named **Clustered Lady-Slipper** (*Cypripedium fasciculatum*) is one of the rare plants that lives in our disappearing forest openings. Pollinated by tiny wasps, its purple-streaked, yellow-green flowers look like little pouches on a flowering stem of one to nine blossoms drooping above two broad, opposing leaves. Using a habitat model, Matt has found that continued fire suppression over a 50 year period would lead to decreased habitat quality for this rare beauty. To date, however, Forest Service managers have been “protecting” this rare orchid by excluding disturbance (such as fire) from areas with orchid populations. Matt’s study suggests that, in fact, strategies such as controlled burning or strategic logging may be necessary to the clustered lady slipper’s long-term persistence in mixed conifer forests.

**Matt Brown** has worked as a plant ecologist throughout Northern California in grasslands, riparian and montane plant communities. Currently, he is interested in understanding the ecology of rare plants in order to better address their conservation and management.

The mission of the California Native Plant Society is to increase understanding and appreciation of California’s native plants and to conserve them and their natural habitats through science, education, advocacy, horticulture and land stewardship.
For Elderberry Farms – It was a Very Good Year!

By Chris Lewis
American River Ranch, Soil Born Farms, 2140 Chase Drive, Rancho Cordova

Last night I dreamed I was waiting in a line and President-elect Barack Obama asked me how it was going. (I said it was a dream!) All I could say was that we have hope now that he’s coming into office! Growing indigenous plants to help in restorations and for gardeners to create habitat in their own yards has been a dream of mine for years. Turns out other people were having similar dreams! If you get involved, you can work on your dreams too!

There is unpredictability in the nursery business. This will attract some volunteers (those who thrive on challenge!) and deter others. We need to discover and adopt all the known growing practices and blend common sense, scientific innovations, and experience that apply to our situation. But for those who might ask, WHY start a Native plant nursery, here’s Marjorie Schmidt’s case for Native Plants (from Growing California Native Plants):

“...Most important is to preserve habitats by setting aside wild lands where typical, rare, or endangered species occur in some concentration. However inflated land values, lack of planning and zoning for the future, and the ‘rights’ of land developers complicate efforts to protect native species.”

So, what’s it like to start a nursery? I’ll tell you. A few people get together for years of preparatory meetings, and when opportunity knocks, you ask: does the chicken come first or the egg? In our case we’ve been doing both—collecting seeds, growing plants and building infrastructure. In order to build that infrastructure, Lynda Ives and I have written several grants and Board members have pleaded our case at their places of employment. Our major financial sponsors to date are:

• Sustainable Sacramento, River City Run, Sierra Club ($1,500)
• Jones & Stokes (Jennifer Stock - $1,500)
• EDAW (Melinda Rivasplata - $500)
• Rose Foundation ($6,500)
• CNPS member and enthusiast Dennis Matsunaga donated $500!

With this support, here’s what we have accomplished:
1. Native plant seed collection on American River Parkway
2. Leveling the area, ground cloth and gravel installed
3. Installation of perimeter fencing
4. Awning structures erected inside the fence
5. Started documentation of plant locations for seed collection
6. Construction of cold frames and potting tables
7. Purchase of a GPS device & Computer for the Office
8. Began a blended Environmental education & home gardening program for the General Public.
9. Sowing flats with collected seeds
10. Transplanting seedlings into pots
11. Design of irrigation system
12. Design of shed and soil bin structures
13. Construction of shed structure (hopefully completed in Dec.)
14. Permanent installation of huge shade structure!

None of this could have been done without the labor and enthusiasm of more than 100 volunteers, who have helped out whenever they could—whether one time or several times each month!

Yet still more needs to happen:
1. Renovate office space
2. Continue documenting plant locations for the 23 miles of Parkway
3. Construct a soil bin
4. Setup a composting area
5. Finish constructing a 10 x 12 storage shed/office
6. Install irrigation system
7. Install greenhouse
8. Design demonstration gardens
9. Develop a blended environmental education and home gardening program for the general public.

We have workdays on Mondays from 9 a.m.-12 noon, Wednesdays from 1 p.m.-4 p.m., and one Saturday each month, depending on weather and nursery needs. If you would like to volunteer in any way or to receive updates, e-mail Chris at lewisc916@yahoo.com or call (916) 812-2876.

Your Nursery Leaders are:
Carol Crofoot, Susan Fregien, Lynda Ives, Chris Lewis, Mary Maret, Melinda Rivasplata, Cate Schmiedt, Julie Serences, Alison Shilling, Jennifer Stock, Betsy Weiland, and Steve Woodward

The mission of Elderberry Farms Native Plant Nursery is to promote awareness of the benefits of native plants, encourage community involvement, and provide a source of locally native plants for restoration projects as well as backyard gardeners.

January 2009
ECOS honors Sac Valley chapter members

For 36 years the Environmental Council of Sacramento (ECOS) has presented the Environmentalists of the Year Awards to individuals, projects and organizations exemplifying leadership in environmental advocacy and activism.

Among the outstanding activists who earned the 2008 Environmentalist of the Year is our own Carol Witham, recognized for her leadership and advocacy on behalf of the critical vernal pool habitat areas threatened by Rancho Cordova’s approval of “The Preserve at Sunridge,” a 530 acre development proposed for the Sunrise Douglas area. CNPS legally challenged this development and won its case in court due in large part to Carol’s expertise, leadership, and determination (see article at right).

Attorney Keith Wagner was also chosen for ECOS Environmentalist of the Year recognition as a result of his successful legal work representing CNPS in challenging Rancho Cordova’s approval of “The Preserve at Sunridge.” Keith, a local land use attorney, is also President of the Sacramento Audubon Society Chapter and Chair of the CNPS Litigation Committee. Following the successful “Preserve” decision, Keith was the featured speaker at our Sacramento Valley Chapter meeting in January 2008, emphasizing “...the importance of citizen participation in protecting California’s native plants and habitats.”

Congratulations to two worthy recipients! We’re proud that you have received this well-deserved recognition and grateful for your accomplishments on behalf of our environment!

CNPS wins another round in its battle to conserve vernal pools

by Carol Witham

Six proposed developments, totaling over 1000 acres, in the Sunrise Douglas area of Rancho Cordova must delay their projects until the U.S. Army Corps of Engineers has completed a full Environmental Impact Statement (EIS) for the combined projects. Completion of an EIS usually takes 2-3 years or longer. While a simple delay in this economic downturn does not appear to be much of a hardship, the EIS process could change the footprint of the projects and/or the amount of mitigation they provide to compensate for habitat destruction. While not a clear knock out win, the points for this round go to the environment.

The delay to prepare an EIS is the result of a recent court ruling in a complicated lawsuit by the California Native Plant Society, Defenders of Wildlife and Butte Environmental Council against the U.S. Environmental Protection Agency, U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service (CNPS vs. USEPA, N.C. Cal. Case No 3:06-cv-03604) over the issuance of permits that would allow the destruction of vernal pools and endangered species. The primary legal complaints revolve around inadequate alternatives analysis, inadequate cumulative impacts analysis, and inadequate public disclosure of the environmental effects. CNPS would like to thank the faculty and students of the Stanford Environmental Law Clinic and the Law Office of Neil Levine for their assistance and endurance in pursuing this matter on our behalf for the past two and a half years.

This is one of three separate—and successful—lawsuits related to the Sunrise Douglas area, two of which were filed by CNPS. Eventually the developers, local land use authorities and federal agencies will get the message that they cannot disregard environmental impacts or lock the environmental community out of land use planning and decision making.

Please consider making a donation to the CNPS Vernal Pool Conservation Fund to help us to continue to pursue these successful, but ongoing legal battles. Donations should be mailed to Carol Crofoot, 2280 Stillwind Lane, Rancho Cordova, CA 95670.

The National Parks Conservation Association, Defenders of Wildlife and Joshua Tree National Park present the annual

Climate Change and the California Desert Conference 2009

February 27, 9 a.m.-5 p.m. • Joshua Tree Community Center • Joshua Tree, CA

Featuring: Nobel Laureate Jean Brennan (Defenders of Wildlife) on the impacts of climate change on desert wildlife, management strategies and wildlife corridors; Kirsten Ironside (Northern Arizona University) on the declining range of Joshua Trees; Lynn Fenstermaker (Desert Research Institute) on the capacity of arid lands to store carbon; Bill Powers (Engineer) on the Sunrise Power Link, Green Path North and the local generation of energy; and A World Café Conversation engaging all participants to talk about challenges and opportunities related to climate change.

The conference is free of charge, but we ask that you RSVP to Seth Shteir, Program Coordinator for Air and Climate / California Desert Office, National Parks Conservation Association / sshteir@npca.org / (760) 366-7785
JANUARY

Sac Valley Chapter
Volunteer Hosts Needed for CNPS 2009 Conference
We are still looking for hosts to provide a place for a student to stay while attending the CNPS Conservation Conference January 17-19, 2009. If you can help, contact Josie Crawford at jcrawford@cnps.org, or (916) 447-2677. For more information about the Conference, or other opportunities to volunteer, click on the logo at left, or see <www.cnps.org> and click on the conference logo.

Donations Needed for Silent Auction Jan 18
The CNPS Conservation Conference Silent Auction Committee is seeking donations to help raise money for CNPS's conservation programs. The silent auction, drawing, and live auction will take place January 18. What can you contribute? There are no restrictions: artwork, books, photos, seeds, garden tools, anything nice! Find out more about donation ideas, the conference and CNPS at this website: <http://www.cnps.org/cnps/conservation/conference/2009>.
You can also donate directly by going to: <http://www.cnps.org/cnps/conservation/conference/2009/auction.php>
Rachel Hutchinson will be happy to collect donations from the Sacramento area and bring them to the auction. (559) 304-0445, rahutchinson@gmail.com

Strategies & Solutions

CNPS 2009
CONSERVATION CONFERENCE

Save the Date!
Growing Natives: Celebrating California’s Beauty in Dry Times
March 28, 2009 - Lafayette Community Center, Lafayette
March 29, 2009 - Regional Parks Botanic Garden, Berkeley
Co-sponsored by Pacific Horticulture, CNPS, and Friends of the Regional Parks Botanic Garden
A two-day program of talks and workshops exploring the possibilities for creating beautiful waterwise gardens. Registration opens January 1st, 2009. Members and subscribers of the sponsoring organizations receive a discount on registration fees. For more information, please visit www.nativeplants.org / www.cnps.org / www.pacifichorticulture.org

Ongoing

Native Plant Demo-Garden
Old City Cemetery
Saturdays and Sundays
10 a.m. until noon (Rain cancels)
Wear a hat, long shirt and boots (or sturdy tennis shoes). Also bring gloves, gardening tools and knee pads if you have them. RSVP by Sunday at 5 p.m. to confirm 929-7896. For more info, Sabrina soj@surewest.net

Chapter Meeting & Guest Speaker
2nd Wed. of month, 7:00 p.m. (Jan-June; Sept.-Nov)
Shepard Garden & Arts Center, McKinley Park, Sacramento

Habitat 2020
Second Monday of each month
1/12 Time TBD
For information contact Chris at (916) 812-2876, lewisc916@yahoo.com or Betsy Weiland (916)488-3894

Elderberry Farms Native Plant Nursery at Soil Born Farms
2nd Saturday of every month
Rain or shine, there is lots of work to be done. For info, contact Chris at lewisc916@yahoo.com (916) 812-2876

Elderberry Farms Native Plant Nursery Workdays
To be arranged. To be e-mailed about Nursery Workdays send an e-mail to Chris at lewisc916@yahoo.com (916) 812-2876

To invite others to join you on field trips, please notify:
Field Trips Chair Tony Loftin:
(916) 488-3230
HikingTony@comcast.net
Newsletter Editor Barbara Wolf:
bwolf@surewest.net
Webmaster Tom Starbuck:
tjstarbuck@ucdavis.edu

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(916) 488-3230
HikingTony@comcast.net
Newsletter Editor Barbara Wolf:
bwolf@surewest.net
Webmaster Tom Starbuck:
tjstarbuck@ucdavis.edu

Sat. 1/10 9:00 a.m.-1:00 p.m.
Elderberry Farms Native Plant Nursery at Soil Born Farms
2140 Chase Drive, Rancho Cordova
Rain or shine, nursery set up and office to be renovated! Refreshments provided. RSVP lewisc916@yahoo.com, (916) 812-2876

SAVE THE DATE!
Growing Natives: Celebrating California’s Beauty in Dry Times
March 28, 2009 - Lafayette Community Center, Lafayette
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January 2009
Calendar of Events

See our calendar online at <www.sacvalleycnps.org> for more, updated events and happenings!
Interactive Exhibit: Endangered Species of California’s Central Valley

Hawk Talk
Sat., 1/3, 1:30 p.m.
Come learn about these amazing raptors that have color vision eight times better than humans. Get a rare close-up look at a red-tailed hawk and learn more about the hawk family.

Turkey Vultures
Sun., 1/4, 1:30 p.m.
What bird eats meat but can’t kill its own food? These relatives of the condor and stork are intelligent, family-oriented, and play games together!

River Bend Park Nature Hike
Monday the 5, 8:00 a.m.
Meet Jack at the end of Arden Way near the entrance to William Pond Recreation Area. Take in the spectacular view from the bicycle bridge as you cross over to the oak woodlands of River Bend Park Nature Area.

Black-tailed Deer
Sat., 1/10, 1:30 p.m.
Grab your binoculars to catch a closer look at the black-tailed deer in their habitat and learn more about their world.

Great Backyard Bird Count
Sun., 1/11, 1:30 p.m.
Join Julie Serences and find out how to participate in The Great Backyard Bird Count. This annual four-day event in February engages bird watchers of all ages in counting birds to create a real-time snapshot of where the birds are across the continent.

Living with Wildlife
Sat., 1/17, 1:30 p.m.
Bats in your belfry? Raccoons in the trash? Possums in the woodpile? Explore ways that humans can peacefully coexist with wildlife in their neighborhoods.

Habitat Improvement
Sun., 1/18, 8:00 a.m.
Join Jack and help improve the Nature Area. Call Jack if you are coming at 967-0777.

Secrets of a Wildlife Watcher
Sun., 1/18, 1:30 p.m.
Are you aware of all the wildlife around you as you walk through the woods? Come let a naturalist help you sharpen your observation skills as you discover signs of the animals living in the oak woodland.

Walk on the Wild Side
Sat., 1/24, 1:30 p.m.
Winter casts its chilly spell and gives nature its own special winter beauty. Walk with a naturalist and explore this season in the woodland.

Nature Puppet Show
Sun., 1/25, 11:00 a.m.
Come to the Nature Center for an educational and entertaining puppet show with a nature theme.

Special Program:
The Thin Green Line
Thurs., 1/29, 7:00 p.m.
Sacramento County Rangers, State Fish and Game Wardens and US Fish and Wildlife Officials are all part of the thin green line that protects our wildlife, fish, parks and resources from harm. Join us for stories both funny and tragic from those who keep the thin green line from unraveling.

Nature’s Art Box
Sat., 1/31, 1:30 p.m.
Expert artists not required! Join a naturalist and learn some simple skills to capture nature on paper. Supplies provided. All ages welcome.

The UC Davis Center for Plant Diversity:

Herbarium Volunteers Needed!
Sunday afternoons, 2 p.m.-5 p.m. Jan. 11 and Feb. 15, 2009
Snacks provided. If you enjoy plants, museums, libraries, or just working with fun people, the Center for Plant Diversity has many different volunteer jobs that are waiting for you. Tasks include mounting plant specimens, filing specimens, and plant identification (for those who use the Jepson Manual with confidence). Contact Ellen Dean at eadean@ucdavis.edu or (530) 752-1091. The Center will also be open for general use of the collections during these Sundays. Parking is free on weekends. Access will be through the loading dock door off of Hutchison Drive (directions available on our website at <http://herbarium.ucdavis.edu>). Weekday volunteer opportunities also available.

January Botanical Illustration Class
Saturdays, January 24 and 31, 2009
Botanical illustration is an art with a long tradition. Although accuracy is the top priority, botanical illustrations are art pieces of elegant beauty. Join Lesley Randall of the Guild of Natural Science Illustrators for a botanical illustration class taught in two 3-hour Saturday sessions. Lesley will cover the basics from sketching to transfer and inking, and discuss types of papers and pens. All levels of experience are welcome. A mail-in registration form is available at the Center for Plant Diversity website: <http://herbarium.ucdavis.edu/society%20Files/Botanical_Illustration_Workshop.pdf>. The cost is $55 ($45 for members of the Davis Botanical Society or the Guild of Natural Science Illustrators).
A new way to buy books!

One of the hardest tasks asked of our book chair is having to bring heavy boxes of books to each meeting. Book Chair Mary Lou Brennan has come up with a different approach—using an order form instead of carrying all the book boxes to meetings. She will bring several display copies of books to chapter meetings. To purchase, simply check off your choices on an order form. If you have questions about the process, please contact Mary Lou, (916) 605-8137, marylou2008@att.net.
Jack Tracey recently joined CNPS as Development Director. Jack comes to CNPS with extensive experience in fund development and management of nonprofit organizations, primarily in the human services sector. He is on the Board of Directors of the California Capital Chapter of the Association of Fundraising Professionals (AFP) and is a member of the Planned Giving Forum of Sacramento. Jack has a Master of Science in Applied Management from Lesley University and a Bachelor of Arts in Legal Education and Services from the University of Massachusetts, Boston.

Jack has proven to be a strong advocate for the causes he has championed and is excited about this career transition with CNPS. His email address is jtracey@cnps.org and phone number 916-447-2677 Ext. 202.

EcoLandscape 2009: GREEN GAINS—Prosper with Ecological Solutions
Saturday, February 7, 2009
9:00 a.m. to 4:00 p.m. (registration and trade show start at 8:00 a.m.)
Samuel Pannell Community Center
2450 Meadowview Road, Sacramento, CA 95832
Info or to register: <www.ecolandscape.org>
Cutting-edge information on how to design, install, and maintain landscaping in an environmentally-sound manner. Topics: water conservation, peak run-off reduction, soil enhancement, storm water pollution, and pesticide and fertilizer reduction. Highly-acclaimed speakers, combined with a mini-trade show of innovative products and services, will help landscape professionals meet the challenges of landscaping in the 21st century. Featured speakers include Brad Lancaster (Rain Water Harvesting), Pam Marrone (Biopesticides) and Janet Hartin (Compost Use). DPR, APLD and CANGC credits applied for. Early registration $85.00; $105.00 after 1/09/09 or at the door. A limited number of student admissions are available for $40.00.

NEW! 2-day Pre-conference featuring
Dr. Elaine Ingham:
Managing the Health and Vitality of Your Landscape Through Soil Ecology
Thursday, February 5: 8:00 a.m.–5:00 p.m.
Friday, February 6: 8:00 a.m.–4:00 p.m.
Samuel Pannell Community Center
2450 Meadowview Road, Sacramento, CA 95832
Info or to register: <www.ecolandscape.org>
Dr. Ingham sets the stage with an introduction to the soil food web and how to use compost and compost teas. Learn how soil biology can create solutions for landscape fertility, water conservation, erosion control, reducing chemical and fertilizer use and more. DPR, APLD and CANGC credits applied for. Presented by EcoLandscape California (formerly the EcoLandscape Working Group). Major sponsors: Sacramento County Stormwater Quality Program, City of Sacramento Department of Utilities, U.S. Environmental Protection Agency-Region 9, California Integrated Waste Management Board.

Dr. Ingham Pre-conference registration: $135.00 day one only (no early reg. discount for one day); Early registration for both days $230.00; $250.00 after 1/09/09. For more information or to register, <www.ecolandscape.org> or (916) 492-0393.

Best Wishes for a Great New Year to CNPS Friends and Supporters!
Hazel Gordon,
Chapter Membership Coordinator
Of course we wish the same to everyone, but we are especially pleased to thank our new members and those that were recently reinstated to full membership. Your continuing support gives us hope that this will be a year of great environmental progress and general recognition of the role of native plants in our lives. We welcome all our new and formerly lapsed members who joined us in the last few months: S. Bennett, P. Berg, T. Beyerl, R. Boul, M. Brennan, J. Canuela, R. Drenovsky, A. Duke, M. Dunphy, B. Ehrhart, S. Eisenrich, A. Forney, J. Gamboni, K. Ghalambor, E. Goebel, J. Helmich, B. Hendrickson, I. Hogle, R. Holland, D. Johnson, D. Johnson, T. Johnson, R. Kent, E. Kiyian, K. Knox, L. Lacher, B. MacNear, C. Mallek, A. Markham, R. Marovich, A. Mergen, C. Milne, V. Mykoff, J. Nishida, D. Nolet, G. Nolte, A. Ostrowercha, P. Powell “Pratt”, J. Smith, K. Somma, L. Sweetman, K. Tarp, K. Threlfall, J. Tracey, C. Thomson, A. Van Dam, V. Van Way, D. Wachsmuth, B. Waln, L. Webber, A. Willard, J. Williams, V. Wykoff, T. Zavorink

We are also very grateful to our renewing members, too numerous to mention here, who are the essence of this organization and the fuel that ignites our efforts. Thanks to you all!

Are you being served?
Subscribe to the chapter listserv by sending a blank email to: CNPS_SacramentoValley-subscribe@yahooogroups.com
Contact Harry Spanglet (spanglet@water.ca.gov) for more info.
Be sure your membership is current! See your address label for your renewal date.

January 2009 Hibiscus

www.SacValleyCNPS.org

The Sacramento Valley chapter newsletter, Hibiscus, is published monthly, except for July, August, and December. Subscriptions are $10 per year. To subscribe solely to this newsletter, send your $10 check to: CNPS Sac Valley Membership, 2707 K St., Ste. 1, Sacramento, CA 95816-5113. Deadline for Hibiscus contributions is midnight of the Friday after the monthly meeting for possible inclusion in the next month’s newsletter. Email to bwolf@surewest.net

January 17-19, 2009

www.cnps.org/conservation/conference/2009/registration

Strategies & Solutions

A Rare Forest Orchid and Fire Suppression

Matt Brown, Botanist

Eldorado National Forest—see page 1!

This month’s presentation: CNPS wins another round in its battle to conserve vernal pools—see page 3

January 17-19, 2009 CNPS Conservation Conference

SAVE THESE DATES OR REGISTER NOW:

January 17-19 - 2009 CNPS Conservation Conference—“Strategies & Solutions”—see page 11

January 24 & 31 - Botanical Illustration Class at UC Davis Center for Plant Diversity—page 5

February 27 - 2009 Climate Change and the California Desert Conference—page 3

February 5-7 - Ecology & Landscape 2009—page 7

March 28 & 29 - (2 locations) Growing Natives: Celebrating California’s Beauty in Dry Times—page 4

Our chapter meeting free mugs are open to the public!