



*Cupressus
abramsiana*

The Cypress Cone

The newsletter of the California Native Plant Society,
SANTA CRUZ COUNTY CHAPTER

Volume 31, No 2

www.cruzcnps.org

March- April 2006

California Native Plant Society Santa Cruz County Chapter General Meetings

Both Co-sponsored by CNPS and the UCSC Arboretum

Monday, March 13, 2006
6:30 pm potluck; 7:30 pm lecture
UCSC Arboretum Horticulture Building

The Flora of the Scotts Creek Watershed: An Illustrated Lecture

The Scotts Creek watershed on the North Coast of Santa Cruz supports an incredibly diverse flora. Stretching from seashore to ridgetop, the 30-square-mile area is home to 600 native plant taxa and 200 introduced taxa—comprising 10% of California's documented flora! Of the state's 173 plant families, at least 99 are represented in the watershed. While the first number includes both native and non-native families, the second number includes only natives. This means that the Scotts Creek watershed possesses more than half of all the native plant families to be found in California! Many of these taxa are rare, new to science, or in need of taxonomic clarification.

Join botanists Jim West, Randy Morgan, and Roy Buck and photographers Dylan Neubauer and Albie Miles for an illustrated journey through the flora of Swanton and find out what makes this area such a hotspot of botanical diversity.

Please join us for an exciting evening.

Very important: CNPS members please note the change in venue.

Public Meeting and Talk

Monday, March 20, 2006
6:00 pm potluck; 7:00 pm lecture
UCSC Arboretum Horticulture Building

California Native Plants for the Garden

Bart O'Brien, Director of Horticulture at Rancho Santa Ana Botanical Garden, will speak on native plants for the garden based on the recently published book, *California Native Plants for the Garden* authored by Bart O'Brien, Carol Bornstein and David Fross.

Taken from a review in Bay Nature Magazine, the authors "have combined their deep knowledge of and extensive experience with California plants into a thorough and charismatic guide that speaks to both novice and expert gardeners throughout the state." This engaging and comprehensive book will be a valuable addition to any plant lovers' library.

NEWS FROM THE BOARD

Santa Cruz CNPS Donation to Control Cape Ivy
By Fred McPherson

As most of you know, we are still without a president for our Chapter. Board members have volunteered to step in and facilitate various aspects of the president's position, including a short news article for the bimonthly newsletter, until a new president can be found. I volunteered to write the first one in order to update you on a very important action the board has recently taken to continue our support for research into finding a biological control for cape ivy (formerly German Ivy).

Our Chapter has recently donated \$500 to the ongoing CNPS-supported South African research team working on this problem. This research began in 1998 and has been driven by CNPS members and coastal chapters such as ours. The research so far has been very encouraging, but lack of funds is beginning to hamper it. Sam Farr has been supportive and is seeking to get federal funding for this overseas research, but there is still uncertainty with the shrinking federal budget for this form of homeland security.

Biological control is like the last resort in invasive control. We are all aware of the dangers and pitfalls of introducing biological agents into an area to control one problem, and inadvertently creating another. Why then are we supportive of such research? We have all witnessed the continued rapid spread of cape ivy up the riparian corridor of almost every coastal stream in Santa Cruz County and the entire Central California Coast. This rampantly growing vine-like plant can climb to about 30 feet into trees and forms a dense blanket of vegetation over everything in its path, including native plants and the creatures that depend upon them. As noted in our Chapter publication, *A Plague of Plants* (2002), cape ivy is very difficult to control. "Though cape ivy is easy to pull, its fragile stems often break, leaving pieces in the ground which quickly re-sprout. In addition, any portion of stem that contains a node and is left in contact with soil can grow and re-infest a site. In order to effectively remove this plant, any other plants on the site-exotic or native-which interfere with seeing and reaching the ivy must be cut to the ground and cleared. Scraping off the duff layer will help remove small pieces of ivy still in the ground. This process may seem severe, but the return of native species will be rapid in these vigorous riparian zones. If this site clearing is neglected, much of the smaller cape ivy will be missed and the site will be rapidly be re-infested." After removal, regular labor-intensive follow-up is essential for control of cape ivy. Complete control is possible after many years. With these labor-intensive methods, or even with the additional use of herbicides, control of the huge areas now covered by cape ivy is woefully impractical and expensive.

Many CNPS members, including scientists and restoration experts, feel that biological control is now the only viable option.

Anyone wishing to make an individual donation to cape ivy control research can write a donation check to the program fiscal agent, California Invasive Plant Council (Cal-IPC). Be sure to earmark your check for "Cape Ivy Biocontrol" and mail to:

Cal-IPC
1442-A Walnut Street #462
Berkeley, CA 94709

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**Spring
Plant Sale**



**Saturday
April 22, 2006**

Members: 10:00 - 12 Noon
Public: Noon - 4:00

*UC Santa Cruz
Eucalyptus Grove
adjacent to the Arboretum*

Mark you calendars and start saving for the sale! The plant propagation team has out done themselves once again. Turn your garden into a spring flower display by selecting from an array of wildflowers in a rainbow of colors. Or, add a little dazzle to your garden with bulbs, including Calochortus, and both native and hybrid irises. Perennials for both shade and sun will be available along with vines and trees. Wondering what to plant and how to care for it? Experts will be on hand to answer all your questions. Books and posters will be available. Come out to the sale to buy, learn, meet CNPS members, and find out what programs the chapter has to offer. Information – CNPS: (831) 429-7681 or www.cruzcnps.org

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Garden Tour Anyone?

Several tours are already taking place throughout the State. They are a fabulous way to introduce the community to native plants through gardening. If you have an interest in getting together to explore starting a tour for the Santa Cruz area please contact, Abbie Blair 831-722-4065 or abbieblair@baymoon.com.

FIELD TRIPS

Spring Field Trips 2006

We have an abundance of outings to offer this spring, something for everyone! From wildflower identification for beginners to wilderness backpack trips, from our super-special sandhill habitats to a willow walk in the river, from moss crawls to the mysterious Scotts Creek flora... which you will certainly want to see after the presentation on March 13. Some weekends there is so much going on, you'll have to make tough decisions about which flowery heaven to visit! Thanks to a suite of fantastically knowledgeable and enthusiastic leaders, your appreciation for our bountiful flora is sure to increase. Unless noted, all trips are free and open to the public, so bring a friend or two!

Saturday March 25, 9am-3pm

Marks Ranch, Toro County Park w/ Gordon Williams
Join leader Gordon Williams (372-6374 or nodrogwms@juno.com) for this crisp, six-mile, moderate hike, exploring a variety of habitats including riparian, oak woodland, and grasslands. All the while we'll appreciate up to 60 different early spring wildflowers such as vibrant shooting stars, yellow-hot footsteps of spring, milkmaids, fuschia-flowered gooseberry, delicate, nodding fritillaries, and bright sun cups. Bring lunch, water, sun protection, and layered clothing. Meet outside the entrance to Toro Park off Portola Rd., ready to hike at 9am sharp. Come for fun! For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour before the starting time.

Saturday/Sunday March 25-26 Panoche Hills and Vallecitos Syncline w/ Mel Erskine and Julie Anne Delgado

Join expert geologist Mel Erskine, Ph.D, and BLM biologist, Julie Anne for a fascinating geo-botany weekend exploring the Central Diablo Range. We will venture through the arid Panoche Valley, Griswold Canyon, and wind our way up toward the New Idria serpentine formation, with many interpretive stops along the way. This is a fascinating 2-day, overnight field trip. Participants must have their own camping gear and food for the entire weekend. Hiking will be easy to moderate. Rain will cancel. The area can hot and dry. Bring plenty of water and other liquids, food, first aid, sunblock, hat, layered clothing and study boots. Be certain to bring headlamps on overnight trips. (No campfires will be allowed.) Carpools are a must. CNPS and BLM do not coordinate carpools so please work together. Contact Julie Anne Delgado for directions and details: jdelgado@ca.blm.gov (work) 831 630-5028, (Cell) 831 566-6012.



Saturday/Sunday March 25-26 (Sunday, optional 1-day)
Pinnacles National Monument Super Outing
Volunteers and flower enthusiasts from several CNPS chapters will come together for a Saturday weed bash and evening potluck, and/or Sunday wildflower hikes (depending on your preference) through floriferous Pinnacles National Monument with Pinnacles Botanist Sharon Franklet and other guest leaders. For the weed bash and hiking please bring plenty of drinking water. Saturday weed bash 11am-4pm, but feel free to leave earlier if you choose. Please bring gloves and a weed tool appropriate for getting under and pulling upward to remove summer mustard and maybe also very young yellow star thistle. At the Saturday potluck dinner expect delicious treats from everyone! Two or three different Sunday hikes will be offered with different start times and distances depending on folks' preferences so please RSVP to discuss your preferences with either Bruce Delgado at bdelgado@mbay.net (831-384-1376) or Sharon Franklet at Sharon_Franklet@nps.gov. The bat caves will be open, campground and parking lots are expected to be full, so CARPOOLING and campground reservations by late February are recommended. See pinnacamp.com for more info.

Sunday April 2, 10am - 2pm Fort Ord Liverworts and Hornworts w/ Bill Doyle

What are liverworts and hornworts you ask? Come and see these fascinating and tiny plants that will surely open up a Liliputian world for you. The "worts" are members of the group called bryophytes, or non-vascular plants, because they lack the plumbing that wildflowers and shrub and tree species use for transporting food and water. Last year's field trip to look at these miniscule plants was a hit, so leader Bill Doyle (479-1073) agreed to lead it again this year. Bill, a retired UCSC bryology professor, estimates there are approximately 130 species of liverworts and 12 species of hornworts in California and he is in the process of helping to describe a new species of hornwort found on Fort Ord. Come learn to recognize those found at Fort Ord and you'll be able to recognize them in many other parts of central and southern California. Bill is impressed with the variety of "microhabitats" at Fort Ord and he'll lead us through this diversity on our hands and knees if necessary. **Kneepads** may not be a bad idea! **Be sure to bring a hand lens,** lunch, water, and sun and wind protection. Meet at 10am and carpool from Fort Ord's Thrift Shop (formerly the Visitor Center) just inside (first parking lot on the right) Fort Ord's main gate on Lightfighter Drive. Easy hiking and crawling! For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour before the starting time.

Saturday April 8

Coalinga Mineral Springs to Kreyenhagen Peak w/ Julie Anne Delgado

The Coalinga Mineral Springs hike up to Kreyenhagen Peak offers spectacular vistas and sprays of wildflowers, including Evening Snow, Jewelflowers, Indian Paintbrushes, various Buckwheats, and many other species. This BLM trail begins at the Coalinga Mineral Springs Park at ~900 ft elev. off of Hwy 198 in Fresno County and continues up to hardened sandstone rocks and the peak at 3558' elevation, so there is a substantial, lung-expanding, 2660' gain. Rain will cancel. The area can hot and dry, so bring plenty of water and other liquids, food, first aid, sunblock, hat, layered clothing and sturdy boots. Carpools are a must. CNPS and BLM do not coordinate carpools so please work together. Contact Julie Anne Delgado for directions and details: jdelgado@ca.blm.gov (work) 831 630-5028, (Cell) 831 566-6012.

Saturday April 8, 8:30am-3pm-ish

**Upper Garzas Creek, Rancho San Carlos, Carmel Valley area w/ Al Washburn
CNPS members and guests only**

Join local resident and trip leader Al Washburn (awashburn8@attbi.com or 373-4873) and his sidekick botanist Bruce Delgado on a visit to Al's private cabin in the woods along Garzas Creek at 2000' elevation. Your choice of gentle walks along the creek or more strenuous hike up steep surrounding hills. There will be quite beautiful waterfalls and riparian habitat, a good variety of lush ferns, and perhaps peak-of-season wildflowers. Assemble behind Brinton's Hardware store in Carmel to carpool where we'll be leaving 8:45am sharp and will return at 3pm or later as arranged. Or meet at 9am sharp at the entrance to Rancho San Carlos Road off Carmel Valley Road. 4WD vehicles needed for access across several creek crossings. Parking limited so carpooling a must. For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour before the starting time. Bring potluck lunch items to share around a cooking fire near the tumbling creek.

Sunday April 9, 10am-1pm

Fort Ord Wildflowers for Beginners w/ Sue Hubbard
Join Bureau of Land Management hike leader Sue Hubbard (394-8314 or shubbard@ca.blm.gov) for an introduction and review of botany basics; how to identify some of the wildflowers and native plants found in the grasslands, maritime chaparral, oak woodland, and coastal sage scrub found at Fort Ord. Sue will also discuss good books and resources to help the beginning plant enthusiast. Hiking will be easy, less than 2.5 miles, very gentle and slow paced. Meet in the new parking lot on Old Reservation Rd. Take Portola Rd. off Reservation Rd. and turn right

onto Creekside Terrace. This will change to Old Reservation Rd. and take you to the meeting spot. Bring snacks, water, appropriate sun and weather protection. If you have a handlense or plant books, bring them too! For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour before the starting time.

**Friday through Sunday, April 14-16, 10am-5pm
Friday through Sun, April 20-22, 10am -5pm
Pacific Grove Museum of Natural History's Annual
Wildflower Show**

Pacific Grove Museum of Natural History's Annual Wildflower Show
Don't miss this outrageous display at the Museum, corner of Forest and Central (648-3116). Countless volunteer hours will provide you with a visual and intellectual overload, as you realize there are approximately 700 species of flowers, labeled and organized by family. Go Friday for freshest scents!

Saturday April 15, 10am - 3pm

**Fort Ord Peak of Season Wildflowers and 2005
Burn w/ Bruce Delgado**

Are you inspired by the Annual Wildflower Show in Pacific Grove this weekend? Join us on a driving/hiking tour of Fort Ord. Always beautiful in peak of wildflower season and always floriferous and fascinating after a fire. Join BLM botanist Bruce Delgado (394-8314 or bdelgado@mbay.net) to enjoy this year's wildflower havens across Fort Ord. Driving tour with moderate to easy hiking, with stops including a sheepherder and his 2000 sheep, hopefully stunning vernal pools, a 2005 grassland/oak woodland wildfire and a maritime chaparral prescribed fire. Total hiking 3-5 miles, mostly very gentle climbs or flat. Come see radically different, but all very special wildflowers and vistas, rare plants and other native beauties. For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour before the starting time.

Saturday/Sunday April 15 - 16

Laguna Creek to The Gorge w/Julie Anne Delgado

Take a walk on the wild side in the South Diablo public lands managed by the Hollister Field Office Bureau of Land Management. If you enjoy a cool dip after a warm, moderate hike, join in with BLM-HFO staff and the Sierra Club on this volunteer opportunity. We will conduct minor trail maintenance and develop a species list as we hike approximately 2 miles up Laguna Creek to The Gorge. Camping is primitive (e.g. no water or facilities). This up and back trip can be accomplished in one day if you prefer, but you'll miss a fun evening under the stars and valley

oaks. Rain will cancel. The area can hot and dry. Bring plenty of water and other liquids, food, first aid, sunblock, hat, layered clothing and sturdy boots. Be certain to bring a headlamp if staying overnight. (No campfires will be allowed.) Carpools are a must. CNPS and BLM do not coordinate carpools so please work together. Contact Julie Anne Delgado for directions and details: jdelgado@ca.blm.gov, (work) 831 630-5028, (Cell) 831 566-6012. Don't miss out on the rare opportunity to experience this beautiful, unusual area.

Sunday April 23, 10am-2pm

Ben Lomond Sandhills w/ Suzanne Schettler
Explore a sea floor – no SCUBA gear needed!- with sandhill expert Suzanne Schettler. La Niña may make for early bloom as we walk along the bottom of a Miocene sea, with oxygen all around us. We'll visit at least one of three preserve areas at Graniterock's Quail Hollow Quarry to see four listed plant species and unusual local forms of more common plants. Hiking will be about a mile with modest elevation change. Bring sun protection, plenty of water, lunch and sturdy footwear. The quarry entrance is at 405 Quail Hollow Road (1/4 mi. west of East Zayante Road and 1.9 mi. east of Glen Arbor Road). Meet promptly at 10, as the field trip will be inside a locked gate. The habitat is fragile and the group size is limited to 20; call Suzanne Schettler at 831-336-1745 to sign up. For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. a half hour before the starting time.

Saturday/Sunday April 22-23

Brazil Ranch, Wildflower Hike and Floristic Survey
Much in the news recently, this 1200-acre ranch was acquired by the U.S. Forest Service a few years ago and is located on the coast a few miles north of the Little Sur River and adjacent to Bixby Creek. So far approximately 175 plants have been identified on the ranch and USFS staff will be writing a vegetation management plan for the ranch in 2006. In preparation for this plan USFS staff would appreciate as much baseline data as possible. The vegetation types are dominated by coastal grasslands, coastal scrub and redwood forest. On clear days the vistas are wonderful. Contact trip organizer Bruce Delgado for reservations and logistical info at bdelgado@mbay.net or 384-1376.

Saturday April 29, 11am-2pm

Bonny Doon Ecological Reserve w/Val Haley

The Santa Cruz Sandhills support some of the rarest natural communities in the world. And who better to show you their splendors than Val Haley, who has dedicated much of her life to their exploration and restoration! On this moderate 2-mile hike, Val hopes to point out numerous

rarities such as *Chorizanthe pungens* var. *hartwegii*, *Arctostaphylos andersonii*, and *A. silvicola*, and the lovely Curly-leaved *Monardellas* and Ben Lomond Wallflowers. When was the last time you saw Western Burning Bush or Labrador Tea? (which tells you she may wander off the sandhills towards the creek). Hike is limited to 15. You must call Val to reserve a spot: 425-0687. Meet at 11:00 am at the parking lot next to old firehouse on Martin Rd. Bring hiking shoes, sun protection, water, and a lunch. The walk usually lasts 2 to 2.5 hours.

Saturday/Sunday (optional Monday) April 29-30 (May 1)

Pine Valley Backpack, Take II, Ventana Wilderness w/ Dave Nelson

For this encore trip, join Mr. Ventana Wilderness himself, aka trip leader Dave Nelson (667-2879 or dirtroad@redshift.com), and his two biggest fans, co-leaders Ellen Holmes and Bruce Delgado along some of the prettiest trails in the Ventana. Pine Valley is a large 3000 foot elevation meadow at the headwaters of the Carmel River, with uneven-aged Ponderosa pines, a creek, and prehistoric rock shelters. A beautiful waterfall is a one mile walk downstream from camp. Dave will escort us to the wildflowers, waterfalls, and swimming holes, and Bruce and Ellen will lead fanatical botanical identification sessions, and really get down to key, key, key! Meet at the Tassajara Road, China Camp Trailhead at 9am April 29 for the 5.5 mile backpack to camp, botanizing along the way through flowery grasslands, live oak forest, and chaparral. The return hike is a strenuous climb back UP to the cars. For trip details call Dave, for carpooling details from Santa Cruz contact Ellen (750-2365 or ellen@centralcoastwilds.com), and for carpooling details from Monterey – Salinas area contact Bruce (bdelgado@mbay.net or 384-1376).

Saturday May 6, 10:30am - eve

Swanton with Roy Buck and Jim West

Swanton! The very name evokes images of mysterious bounty to local botanists. A hotspot of ongoing evolution, Swanton, AKA the Scott Creek watershed, hosts an unexplained hyperdiversity of plants - over 600 taxa! Fortunately we'll have two of the best botanists around to help sort out the abundance; Roy Buck and Jim West. Meet at the red house at 299 Swanton Rd. at 10am, past the fire station as you head north from the southern entrance to Swanton Rd, off Hwy 1. No-host carpoolers may meet at Ocean St. Denny's in Santa Cruz at 9am. Leisurely but long hike ends when people stop asking "What's that?" Bring life support. Ellen, 684-2363. For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. at 9:15 am.

Sunday May 7

Congdon Peak w/ Julie Anne Delgado

Congdon Peak occurs on the south flanks of the Clear Creek Management Area/New Idria Serpentine Formation. Join BLM botanist, Julie Anne, to hike the rarely visited trail that begins at the access parking lot on Coalinga Road, just into W. Fresno Co., meandering through various wildflowers and oaks, up to serpentine soils at higher elevations. This up and back trip may be easy to strenuous, depending on how far up you decide to hike. You are welcome to help develop a localized plant list for this special area. Rain will cancel. The area can hot and dry. Bring plenty of water and other liquids, food, first aid, sunblock, hat, layered clothing and study boots. Carpools are a must. CNPS and BLM do not coordinate carpools so please work together. Contact Julie Anne Delgado for directions and details: jdeldgado@ca.blm.gov (work) 831 630-5028, (Cell) 831 566-6012.

Saturday May 13, 11am-2pm

Bonny Doon Ecological Reserve w/Val Haley

See description of April 29th trip
Hike is limited to 15. You must call Val Haley to reserve a spot: 425-0687.

Saturday May 13, 10am – 2pm

Fort Ord Mosses w/ Ken Kellman

Wherever you go mosses are likely already there so come to Fort Ord Public Lands and make their acquaintance! These plants are in the bryophyte group, or non-vascular plants, because they lack the plumbing that wildflowers and shrub and tree species use for transporting food and water. We are so lucky to have leader Ken Kellman (336-8548) who lead a great field trip for us last April and gave a great presentation to the Monterey CNPS chapter last October. Ken has been studying central coast mosses since 1996 and estimates there are over 600 California species. Come learn to recognize those found at Fort Ord and you'll be able to recognize them in many other parts of central California. **Kneepads** may not be a bad idea! **Be sure to bring a hand lens**, lunch, water, and sun and wind protection. Meet at 10am and carpool from Fort Ord's Thrift Shop (formerly the Visitor Center) just inside (first parking lot on the right) Fort Ord's main gate on Lightfighter Drive. Easy hiking and crawling! For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour before the starting time.

Sunday May 14, 10am-2pm

Willow Identification w/ John Bair

San Lorenzo River, Santa Cruz

Although Santa Cruz is home to only a half dozen species of native willows, many of us aren't comfortable pinning names on them. We are fortunate to have riparian botanist, John Bair, as our intrepid guide into the genus Salix. John has had an active interest in willows for ten years, and will be teaching a Salix workshop the day before at CSU Chico Herbarium, which may enable him to bring some additional species. If you have mysterious material, bring it with you! You should also bring lunch, and for wading into the subject matter, river shoes are recommended. Be prepared for an obstacle-filled, wet hike through brush for up to a mile, and steep jaunts down to the river. As the date approaches, please check the Santa Cruz chapter website (cruzcnp.org) for the meeting place. More info: ellen@centralcoastwilds.com (831) 684-2363

Sunday May 14 (Mothers' Day) 9am-3pm

Rocky Ridge Wildflower Hike Supreme!

No, it's not a burrito! But it is the best! All moms who like big hikes are welcome to see the pinnacle of Big Sur coastal flowers and vistas at Rocky Ridge and Soberanes Creek. This is a strenuous five-mile loop but it is WORLD-CLASS! Leader Gordon Williams (372-6374 or nodrogwms@juno.com) invites you to join him up the redwood-forested Soberanes Creek and around the stunning grassland flowers and ocean vistas to return SLOWLY down the extremely steep grade of Rocky Ridge itself. We'll hope for stunning displays of elegant madia sunflowers, tidy-tips, and coastal tarplants. Have you ever seen the sticky snapdragon? Ooh la la! Meet 9 a.m. at the Crossroads Shopping Center Park n' Ride off Rio Rd. in Carmel across from the Chevron Gas Station and next to Black Bear Diner. Bring layers, lunch, water, and a walking stick is recommended. For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour and a quarter before the starting time.

Saturday May 20, 10am-1pm

Malpas Canyon w/ Corky Matthews for CNPS MEMBERS ONLY

Save the date for this trip! Join Monterey County Flora author and trip leader Mary Ann (Corky) Matthews for an easy 2-mile walk to view the wonderfully diverse wildflowers of Malpas Canyon. This trip is restricted to CNPS members only because of the need to arrange for special access across private land. Corky says Malpas Canyon is one of her all-time favorite flower walks, so

Carmel Valley off Carmel Rancho Blvd. For no-host carpooling, Santa Cruz folks should meet at Dennys on Ocean St. an hour and a quarter before the starting time. For more details contact Corky (659-2528 or mmatthews2@comcast.net) or check your May/June newsletter.

Saturday June 3, 11am-2pm

Bonny Doon Ecological Reserve w/Val Haley

The Santa Cruz Sandhills support some of the rarest natural communities in the world. And who better to show you their splendors than Val Haley, who has dedicated much of her life to their exploration and restoration! On this moderate 2-mile hike, Val hopes to point out numerous rarities such as *Chorizanthe pungens* var. *hartwegii*, *Arctostaphylos andersonii*, and *A. silvicola*, and the lovely Curly-leaved *Monardellas* and Ben Lomond Wallflowers. When was the last time you saw Western Burning Bush or Labrador Tea? (which tells you she may wander off the sandhills towards the creek). Hike is limited to 15. You must call Val to reserve a spot: 425-0687. Meet at 11:00 am at the parking lot next to old firehouse on Martin Rd. Bring hiking shoes, sun protection, water, and a lunch. The walk usually lasts 2 to 2.5 hours.

Sunday June 11, 10am-1pm

Edgewood Natural Preserve w/Ken Himes

Save the date! Check your May/June newsletter, or go to friendsofedgewood.org

Saturday June 17, 11am-2pm

Bonny Doon Ecological Reserve w/Val Haley

See description of June 3rd trip. Hike is limited to 15. You must call Val Haley to reserve a spot: 425-0687.



VOLUNTEER OPPORTUNITIES

**CNPS Santa Cruz County Chapter
Habitat Restoration Team**

We are a volunteer group working to restore native habitat in the parks and protected lands in Santa Cruz County. Our program provides an opportunity for people to learn about the natural systems that surround them while helping to restore special and wild places. No prior work experience is necessary, just show up at the park. We welcome individual volunteers from 8 to 80 years, as well as special group projects. Wear comfortable layered clothing, bring something to drink, and lots of enthusiasm! We work rain or shine, but if things get particularly unpleasant, we call it a day. Tools provided; bring gloves.

Contact: Program Leader, Linda Brodman
(831)462-4041, redwdrn@pacbell.net
<http://www.cruzcnp.org>

February 25, 2006 10 am to 1 pm
Moore Creek Preserve, Santa Cruz

March 11, 2006 10 am to 1 pm
Quail Hollow Ranch County Park

March 18, 2006 10 am to 1 pm
Natural Bridges State Park

April 8, 2006 10 am to 1 pm
Sunset Beach State Park

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STILL WANTED: NEWSLETTER EDITOR!

The CNPS Santa Cruz Chapter is still in search of a committed person to take over the position of newsletter editor. An time investment of only 10 hours every two months can give you the satisfaction of knowing that you are contributing to your community. Please contact Noelle Antolin at lupine76@yahoo.com or (831)426-7108 for more details.

Join the California Native Plant Society!

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Email: _____

Chapter (County) Affiliation: _____

Please make your check payable to CNPS and send to:
Membership Chair, CNPS, 2707 K Street, Suite 1,
Sacramento, CA 95816

- Student/Retired/Limited Income \$20*
- Individual or Library \$35*
- Family or Group \$45*
- Supporting \$75*
- Plant Lover \$100*
- Patron \$250*
- Benefactor \$500*
- Life \$1,000*

All dues and gifts to CNPS are tax deductible.

Board Members 2005

Outgoing President Casey Stewman 338-4796, cjs4@humboldt.edu

Past President: Fred McPherson 338-2097, fredwood@cruzio.com

Vice-President: *VACANT*

Secretary: Kris Houser 462-6672, KrisHouser@sbcglobal.net

Treasurer: Suzanne Schettler 336-1745, greening@cruzio.com

Membership (outgoing): Tim Hyland 464-9141

Newsletter (outgoing): Noelle Antolin 426-7108, lupine76@yahoo.com

Conservation: Vince Cheap 477-1660, vince@sasquatch.com, Kathe Hart 427-

0237, kathehart@hotmail.com, Stephan McCabe 336-2141, smccabe@ucsc.edu

Rare Plant Coordinator: Randall Morgan 465-6640

Invasive Exotics: Linda Brodman 462-4041, redwdrn@pacbell.net
& Fred McPherson

Educational Outreach: Fred McPherson (see above)

Legislation: *VACANT*

Programs: Linda Brodman 462-4041, redwdrn@pacbell.net

Publicity/Outreach: Abbie Blair 722-4065, arblair@cruzio.com

Field Trips: Ellen Holmes 684-2363, arbonius@sbcglobal.net

Hospitality: Angel Gueron 429-4047, 1900 Smith Grade Road, Santa Cruz, CA

Plant Sales: Karen Hildebrand 426-1172 and Linda Willis 479-1535

Plant Propagation: Michael Luther 688-3897, 406 Semple Ave, Aptos, CA 95003
& Denise Polk 685-3235, dmpolk@cruzio.com

Poster Sales: *VACANT*

Book Sales: Ernie Wasson 688-6386, sluggo@cruzio.com

Special Projects: Janell Hillman emerald@cruzio.com & Stephan Mc Cabe

Webmaster: Bill Malone- billmalone@pacbell.net

Members at Large: Mary Ellen Irons 426-8410, 207 Archer Dr, Santa Cruz, CA
& Shirley Tudor- yamori@compuserve.com

CNPS is a non-profit organization dedicated to the preservation of California native flora. CNPS has 31 chapters throughout the state and membership is open to all persons- professional and amateur- with an interest in California's native plants. Members have diverse interests including natural history, botany, ecology, conservation, photography, drawing, hiking, and gardening. Your membership includes *Fremontia*, a quarterly journal with articles on all aspects of native plants; the *Bulletin*, a statewide report of activities and schedules; and the *Cypress Cone*.



California Native Plant Society Santa Cruz County Chapter

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