



Darlingtonia

SPRING 2016
APR-JUN

Newsletter of the North Coast Chapter of the California Native Plant Society
Dedicated to the Preservation of California Native Flora



Flower buds



Open flowers



Mature fruit

Special at the Wildflower Show

Learn to report what our native plants do in the changing seasons.
See the plants, draw them, record their stages on data sheets.
You will be ready to do it in your own garden or favorite natural area.
You will be studying phenology!



Flower buds



Open flowers



Mature fruit

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Find out what's happening:

- Visit our website:
NorthCoastCNPS.org
- Visit our Facebook page:
<https://www.facebook.com/NorthCoastCNPS>
- Sign-Up for Activity
Notifications by emailing:
NorthCoast_CNPS-subscribe@yahoogroups.com

Wildflower Show & Native Plant Sale

April 29-30-MAY 1, 2016

Fri.1-5 • Sat.10-5 • Sun.10-4 (plant sale Sat. & Sun.)
Manila Community Center 1611 Peninsula Drive, Manila

free admission

everyone welcome

hundreds of plant species

...the North Coast celebration of wild California plants

NorthCoastCNPS.org • 707-822-2015

FIELD TRIPS, RARE PLANT TREASURE HUNTS, AND GARDEN VISITS

Please watch for later additions on our Web site (www.northcoastcnps.org) or sign up for e-mail announcements (Northcoast_CNPS-subscribe@yahoogroups.com). Outings are open to everyone, not just members. All levels of expertise, from beginners to experienced botanizers, are welcome. Address questions about physical ability requirements to the leader. It is wise to contact the leader if you are coming, in case plans change.

GARDENERS notice the native plant gardening-focused outings on April 16, 17, and 19. **MORE WALKS** led by other organizations, are in the Native Plant Week listing.

April 2, Saturday. Burnt Ranch and Grays Falls Day Trip & Rare Plant Treasure Hunt. It's fawn lily time at Burnt Ranch Campground! Out east along Highway 299 we also should find other spring blooms like Indian Warrior and Checker Lily. We'll look for the minute, rare Howell's Montia (*Montia howellii*) in campsite #16. Then we'll then explore the varied habitats at Grays Falls Picnic Area, including the short trail down to the falls. Meet at 8:30 a.m. at Pacific Union School (3001 Janes Rd., Arcata), at 9:15 a.m. at the China Flat Museum parking lot in Willow Creek, or about 10:00 at Burnt Ranch Campground. Dress for the weather; bring lunch and water and clippers. (If the Himalaya blackberry is still bad, we can spend a few minutes reducing it.) Return late afternoon. It helps to know you are coming: Carol 707-822-2015.

April 9, Saturday. Plant Walk and Broom Pull on the Salmon River. Springtime plant appreciation followed by removal of one of the only remaining Scotch broom populations on the Salmon river. Meet at the Panamnik Building in Orleans at 10 a.m. Contact Tanya Chapple for details: tanya@mkwc.org. Co-sponsored by Mid-Klamath Watershed Council.

April 16, Saturday, 12:30-3:30 p.m. Native Plants in Yards and Forest. Join Carol Ralph, Pete Haggard, and Anna Bernard for a walk from the Community Center to Arcata Community Forest and back to see native plants in private landscapes and in a redwood forest. Besides identification, questions like "What IS a native plant?" "Why plant natives in your yard?" "How do you mimic in a yard a wild habitat?" will be considered. Hopefully, trillium will be blooming in the forest. The walk is about 3 miles on sidewalks and good paths, with about 250 ft. elevation gain. Call 707-826-7050 to register for this free trip sponsored by California Native Plant Society at Godwit Days, or register for Godwit Days at www.godwitdays.org

April 17, Sunday. 11 a.m.-1 p.m. Street-side Native Plant Garden Visit . See a one-year-old and a recently planted "street-side" native garden at the corner of Alliance and Spear in Arcata. Learn with Anna Bernard how native plants are low maintenance, drought tolerant, and add beauty and variety to a city corner. 707-826-7247.

April 19, Tuesday. 4:00-5:00 p.m. Native Plants in an Urban Garden in Arcata. See the native plants and the wildlife they harbor in the Arcata Community Center Native Plant & Wildlife Garden, a project of the North Coast Chapter of CNPS. Naturalist, gardener, and author Pete Haggard will be there to help you see and to answer questions. Walk from the Community Center up the path left of HealthSPORT-Arcata, or walk down from 7th Street. 707-839-0307.

April 23, Saturday. 10 a.m.-12 noon. Ferns by the Dunes, a plant walk. Ferns are distinctive and popular for the exotic texture they add to vegetation. Carol Ralph will introduce eight species of our common ferns in the easy setting at the riparian edge of the dunes and talk about some of the amazing aspects of fern life. Bring a hand lens if you have one. Meet at 10 a.m. at Pacific Union School, 3001 Janes Road, Arcata, and carpool to the Lanphere Dunes Unit of the Humboldt Bay National Wildlife refuge. Co-sponsored by Friends of the Dunes. Please reserve your space by calling 707-444-1397.

April 23, Saturday. 2-4 p.m. Plants along the Bay: Hikshari Trail Plant Walk. Join us on the Hikshari Trail to learn about native and non-native plants. Hopefully some, like Blue-eyed Grass and the rare Humboldt Bay Owl's-clover, will be in bloom along this 3/4-mile, level section of the trail. Experienced interpreter and gardener, and Hikshari Volunteer Trail Steward Coordinator, Wanda Naylor will point out what is native and what is not and why we care. Meet at the Elk River Slough parking area at the end of Hilfiker St., Eureka. Rain or shine. Children welcome when accompanied by adults. For more information call 707-502-5793.

April 24. Sunday. 1-3 p.m. Wildflowers in a Hydesville Forest. A dappled, deciduous forest along a sparkling stream, sprinkled with springtime gems like trillium, fairybells, bleeding heart, and Solomon's plume, is only one treat on show by hosts Bill and Linda Shapeero in Hydesville. A shady, Grand Fir forest and sunny, pasture edges offer other habitats alive with flowers and fresh, green herbaceous plants and shrubs, almost all native. Paths are gentle but slightly rough. From 101 at the south end of Fortuna take the Highway 36 exit, go about 3 miles up to Hydesville, turn left at the church onto Rohnerville Rd., go about 1 mile, turn right onto Puddin Ln at the bottom of a gulch, follow signs and balloons to Shapeero. The ground may be damp. For information: 707-768-3287 or 707-822-2015

April 30 & May 1, Saturday & Sunday. 11 a.m.-1 p.m. Dune wildflower walks at the Manila Community Center, part of the Spring Wildflower Show, led by a Friends of the Dunes docent.

May 7, Saturday. Rare Plant Treasure Hunt for Seaside Bittercress (*Cardamine angulata*) in the redwood forests of Redwood National and State Parks. For details contact Greg O'Connell at gregoconnell7@gmail.com or 707-599-4887.

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CHAPTER PROGRAMS AND MEETINGS

EVENING PROGRAMS

Evening programs are free, public programs on the second Wednesday of each month, September through May, at the Six Rivers Masonic Lodge, 251 Bayside Rd., Arcata. Refreshments at 7:00 p.m.; Botanical FAQ's at 7:15 p.m., and program at 7:30 p.m. For information or to suggest a speaker or topic contact Michael Kauffmann at 707-407-7686 / michaelkauffmann@gmail.com.

Apr 13 Continued Adventures Hiking and Botanizing in the Austrian and Italian Alps. Kjirsten Wayman, a local chemistry professor and aspiring botanist, spent the last year living in Austria and northern Italy. She hiked mountains and meadows of this region in the European Alps to explore the diversity of flora that lives there. The Alps are home to many plants and wildflowers, both familiar and unfamiliar to the California botanist. The diverse and abundant alpine flora found there is complimented by impressive and majestic landscapes that dominate these mountains. This photographic botanical exploration will highlight a selection of the interesting flora and spectacular landscapes of the Austrian and Italian Alps with only the enthusiasm a California botanist could share!

May 11 "Plant Exploring in the San Gabriel Mountains National Monument" with Michael Kauffmann

HELP SAVE OUR STATE PARKS from being overrun with English ivy!

You can join this satisfying work with other energetic, optimistic naturalists in two ways.

1. EVERY FRIDAY, 10 a.m.-12 noon. Join the Humboldt No Ivy League free-roaming ivy pullers in either Patrick's Point State Park or Trinidad State Beach. Contact Kim Tays (kimkat067@gmail.com) the Wednesday before to learn where to meet. Bring your own gloves and clippers or loppers. Wear tough work clothes and shoes. Bring your own water and snack or lunch. Group members are official California State Parks volunteers. For questions about our restoration efforts, please contact Michelle Forsys with California State Parks at: michelle.forsys@parks.ca.gov or at 707-677-3109.

2. SECOND SATURDAYS, alternating parks 9:00 a.m. to 12:00 noon. Removing ivy is a moderate exercise on fairly level but uneven ground. Wear durable work clothes and sturdy field shoes. Gloves and tools are provided, or bring your own. Work sites are closer than a half mile walk from the meeting place. Heavy rain or strong wind cancels the event. For information please call Michelle at 707-677-3109 or email michelle.forsys@stateparks.ca.gov



Trinidad State Park. Photo courtesy of Kimberly Taysmore

Patrick's Point State Park

Ask entrance station attendant or check bulletin board for that days' work site and follow directional signs to the site. Free park entrance for volunteers. 9 a.m.-12 noon

- January 9
- March 12
- May 14
- July 9
- September 10
- November 12

Trinidad State Beach

Meet at the Trinidad State Beach picnic area parking lot in Trinidad (just north of Trinidad School, off Stagecoach Rd). 9 a.m.-12 noon

- February 13
- April 6 Special event for Earth Day--10:00 a.m.-2 p.m. Lunch included.
- June 11
- August 13
- October 8
- December 10

FIELD TRIP REPORTS

East Boulder Lake and Scott Mountain Botanical Area July 10-12, 2015 by Carol Ralph

The Scott Mountain Campground, at the summit (5,401 ft elevation) on Rte 3 north of Weaverville is one of our favorite places on Earth. Eleven of us gathered there Friday with time to wander and marvel in the meadow before dinner and walk north of the wide, roadside pullout down another wet meadow and into a shady gully before dark. Despite the



Heaven is something like this, the meadow at Scott Mountain Campground. Photo by Carol Ralph

exceptionally dry season the meadows were green, and water trickled in their central drainages. Floating above the green tangle of grass-like leaves (which were largely not grass, but leaves of sedges and flowering herbs) were colorful heads of yellow Sneezeweed (*Helenium bigelovii*), white Parish's Yampah (*Perideridia parishii*), white Western False Asphodel (*Triantha occidentalis*), and orange Leopard Lily (*Lilium pardalinum*); spikes of white White Rush Lily (*Hastingsia alba*), white White-flowered Bog-orchid (*Platanthera dilatata* var. *leucostachys*), purple Monkshood (*Aconitum columbianum*), and yellow California Bog Asphodel (*Narthecium californicum*); and upright, green pods of California Pitcher Plant (*Darlingtonia californica*). Where the green sward was short were ladies' tresses orchid with flared hoods, so I think they were Western Ladies' Tresses (*Spiranthes porrifolia*). A tall, tarweed-like yellow composite turned out to be Bolander's Madia (*Kyhosia* (formerly *Madia*) *bolanderi*). Jeffrey Pine (*Pinus jeffreyi*), Western White Pine (*Pinus monticola*), Incense Cedar (*Calocedrus decurrens*), and White Firs (*Abies concolor*) ringed the meadow and dotted it with islands hosting shrubs like Huckleberry Oak (*Quercus vaccinifolia*). There we found Explorer's Gentian (*Gentiana calycosa*), royal purple and dazzlingly elegant, a Klamath Weed-like plant growing in water seemed unlikely to

be Klamath Weed (*Hypericum perforatum*), which was present along the dry roads, and we keyed it to be the native Scouler's St. Johns Wort (*Hypericum scouleri*). The forested gully north of the roadside pullout, as best we could tell on the Klamath National Forest map, was in the actual Scott Mountain Botanical Area. It was a different world from the meadow, filled with Western Azaleas (*Rhododendron occidentale*) and willow thickets, and a good patch of paired, green, strap-like leaves of Queen's Cap (*Clintonia uniflora*) on the rich forest floor.

Most of the botanical area lay east of the road (Rte 3). We explored there Sunday morning, spending about two hours at Big Carmen Lake and 1.5 hours around the big curve in 40N08 that is about one mile from Rte 3, where 40N44 branches off downhill opposite a small quarry. Although only the south shore of Big Carmen Lake is in the botanical area, no signs inhibited us from walking through the private property around the entire lake. It is a shallow lake with some wide, grassy, sedgey, and rushy shores hosting White Rush Lilies, Sneezeweed, Checkerbloom (*Sidalcea* sp.), clovers (*Trifolium* spp.), Western Bistort (*Bistorta bistortoides*), Swamp Onion (*Allium validum*), and with some jumbled rock shores where Western Azalea offered some late blooms and one sharp-eyed explorer found Common Harebell (*Campanula rotundifolia*) blooming. Spike-rush (*Eleocharis* sp.) and quillwort (*Isoetes* sp.) grew in the water's edge, and Yellow Pond Lily (*Nuphar polysepala*) was in the lake. We did not encounter any inflow or outflow streams, though the map shows these.



Little Carmen Lake. Photo by Anna Bernard

The exposed, rocky, serpentine ridge around 40N44 revealed many unfamiliar plants which I cannot name, including interesting composites. We distinguished three buckwheats: the familiar small flower heads on a tall stem above a tiny

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rosette of Naked Buckwheat (*Eriogonum nudum*); the yellow-flowered mats of Sulphur Buckwheat (*E. umbellatum*); and the dusty pink pompoms above rounded, gray leaves of Cushion Buckwheat (*E. ovalifolium*). We also distinguished three ceanothus: a white-stemmed, small-leaved, shrub that was Wedge-leaf Ceanothus (*Ceanothus cuneatus*); a prostrate plant with three-toothed, dark green leaves that was Siskiyou Mat (*C. pumilus*); and a low shrub with dark green leaves that remained unknown. Most intriguing were the small, woolly, gray mats with densely hairy pods of Woollypod Milkvetch (*Astragalus purshii*). Though our attention was drawn by these plants above the road (north of 40N44), only the south side of this road is in the botanical area.



Woollypod Milkvetch. The white, fluffy object is the wool-covered, pea-like pod. Photo by Carol Ralph

On Saturday East Boulder Lake was our destination. (Not to be confused with other lakes in the Trinity Alps with "boulder" in their names) We drove north to Callahan and turned south on 40N17 to 39N10 and then 39N63 to the trailhead at 5,800 ft elevation. The gentle trail took us through White Fir forest and dry, grassy clearings dotted with white heads of Parish's Yampah and Yarrow (*Achillea millefolium*) and a blue penstemon (*Penstemon* sp.). Cow patties, sagebrush (*Artemisia* sp.), and Woolly Sunflower (*Eriophyllum lanatum*) further distinguished these meadows from those at the summit. A four-foot tall buckwheat discovered a bit off the trail was the handsome Tall Woolly Buckwheat (*Eriogonum elatum*). Excitement rose as the trail ascended a bouldery, wet slope with a view of a waterfall down to the right. Here among the thickets of Mountain Alder (*Alnus incana* subsp. *tenuifolia*) was a rock garden so lush the rocks were obscured by goldenrod (*Solidago* sp.), Red Columbine (*Aquilegia formosa*), mugwort



East Boulder Lake. Photo by Anna Bernard

(*Artemisia* sp.), checkerbloom (*Sidalcea* sp.), California Cornlily (*Veratrum californicum*), Bolander's Madia, cinquefoil (*Potentilla* or *Drymocallis* sp.), Yarrow, and more. Special mention should be made of a lush clump of Explorer's Gentian that occupied two of us a long time, looking for minute cilia or minute teeth on the calyx lobes. The less wet parts of this wonderful slope were bursting with blue-flowered lupines (*Lupinus* sp.), pale yellow buckwheat (*Eriogonum* sp.), robust Woolly Angelica (*Angelica tomentosa*), and cheery yellow Woolly Sunflower. Our scouts reported strong wind up at the lake, so we stopped for lunch near the stream below. This was a good choice. Nearby were clear, pink flowers among smooth, gray-blue leaves peeking between rocks--Siskiyou Fireweed (*Epilobium siskiyouense*), and by the creek were dark green, mat-forming rosettes with single, orange, daisy-form flowers on tall stems--Showy Raillardella (*Raillardella pringlei*). Both are rare plant listed 1B, rare in California and elsewhere. A handsome clump of dark green, tightly lobed, bristle-less fern leaves was Lemmon's Sword



Siskiyou Fireweed. Photo by Carol Ralph

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MEMBERS' CORNER

WELCOME NEW MEMBERS

NEDDAL ALI-ADEEB
CAROLE BOSHEARS
GRIFFIN BRAMBLE
RHONDA GELDIN
DEBBIE HILL

THANK YOU RENEWING MEMBERS

ELAINE ALLISON
DOUGLAS BOOTH / MARGARET SIMPSON
FRANK T. CALLAHAN, II
ADAM CANTER
KENTON CHAMBERS
MARISA D'ARPINO
LARRY DEPUY
JOHN DIXON / LYNN DIXON
JAN DOBAK
FRANCES FERGUSON
PETE HAGGARD / JUDY HAGGARD
DAVID K. IMPER
ALAN JUSTICE
LAURA KADLECIC
GURA LASHLEE
DAVID LEABERRY
GORDON LEPPIG, DFG/COASTAL CONSERVATION PLANNING
BOB MELENDEZ
MARK MOORE / SUSANNE MOORE
JOHN P. NICKLAS
ROBERT J. REINSVOLD
ERIN RENTZ
WILLIAM E. RODSTROM
KATHRYN ROWE

MICHAEL SEEBER
PATRICIA SENNOTT
JANE STOCK
DEANNA R THRIFT
JEANNE TOLMASOFF
ANDA WEBB / JUD ELLINWOOD JENNIFER WHIPPLE
DONNA WILDEARTH
JESSICA WILSON
WENDELL WOOD

MEMBERSHIP BENEFITS

Support these local businesses and with proof of your North Coast membership, receive discounts on your purchases.

- **Greenlot Nursery**, 10% discount on plants, 443-9484
- **Lost Foods Native Plant Nursery**: 10% discount on plants, 268-8447, LostFoods.org
- **Mad River Gardens**: 10% discount on plant purchases, 822-7049
- **Miller Farms**: 5% discount on plant materials, 839-1571
- **Pierson's Garden Shop**, 10% discount on all garden shop items (except sale or non-discountable items—please ask staff before going to register), 441-2713
- **Samara Restoration LLC**, 10% discount on plants, 834.4379 / samararestoration.com

JOIN THE CNPS NORTH COAST CHAPTER!

To join or renew, you can either:

- ◆ Send your name and address, check (payable to CNPS) CNPS, 2707 K St., Suite 1, Sacramento, CA 95816-5113.
- ◆ Pay on-line <http://www.cnps.org/cnps/join/>

Wildflower Art Show

Wildflowers will be presented in diverse media and styles by more than 15 artists during April at the Upstairs Gallery in Umpqua Bank, 1063 G St, Arcata. Opening festivities will be Friday, April 8, 6-9 p.m., offering live music and wine. A portion of the shows' proceeds will benefit the North Coast CNPS Transportation Fund to take school classes to the Wildflower Show.

The show will feature oil paintings, water colors, photography and acrylic paintings by many local artists, including Andrew Daniel, Joyce Jonte, Alan Sanborn, Paul Rickard, Stock Schlueter, Jody Bryan, Guy Joy, Debee Holland-Olson, Gina Rios, Antoinette Magyar, Paul Fabian, Ron Johnson, John Wesa, and Rick Tolley.

The art show is organized by Rick Tolley, who also hosts "Art Night" at the Spring Wildflower Show, this year on April 29, 7 p.m., at the Manila Community Center.

...the North Coast celebration of wild California plants

Wildflower Show & Native Plant Sale

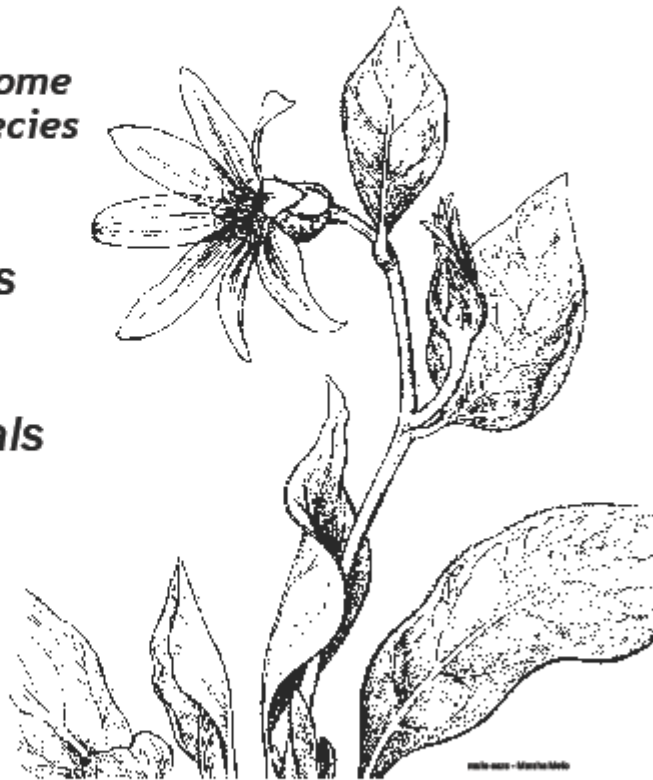
April 29-30 May 1, 2016

Fri.1-5 Sat.10-5 Sun.10-4
(plant sale Sat. & Sun.)

Our 34th year!

free - everyone welcome
hundreds of plant species

local native plants
our worst weeds
edibles & medicinals
talks & demos
Friday Art Night
dune walks



Manila Community Center

1611 Peninsula Drive, Manila

www.northcoastcnps.org • 707-822-2015

...community event coordinated by

North Coast Chapter - California Native Plant Society





What you can do during
CALIFORNIA NATIVE PLANT WEEK
April 16-24, 2016



For details of these events go to www.northcoastcnps.org

A week dedicated to the appreciation and conservation of California's fabulous native flora.
Coordinated by the North Coast Chapter of the California Native Plant Society (NCCNPS), featuring other local organizations.

SHORT AND LONG WALKS

- April 16**, Sat. 2-3:30 p.m. **Plants of the Arcata Marsh**. Friends of Arcata Marsh, 707-826-2359
- April 16**, Sat. 12:30-3:30 p.m. **Native Plants in Yards and Forest**. Free Godwit Days walk. CNPS. 707-826-7050
- April 23**, Sat. 10 a.m.-12. **Ferns by the Lanphere Dunes**. CNPS & Friends of the Dunes. Reserve: 707-444-1397
- April 23**, Sat. 2-4 p.m. **Plants along the Bay: Hikshari Trail Walk**. Hikshari Trail Stewards. Wanda 707-502-5793
- April 24**, Sun. 1-3 p.m. **Wildflowers in a Hydesville Forest**. CNPS & Bill Shapeero. 707-768-3287 or 707-822-2015
- April 24**, Sun. **Little Bald Hills Trail**. Sierra Club. mgroomster@gmail.com or 707-668-4275
- April 30 & May 1**, Sat. & Sun. 11 -1 p.m. **Introduction to Coastal Wildflowers**. Friends of the Dunes, Manila Community Center.

GARDEN VISITS

- April 17**, Sun. 11 a.m.-1 p.m. **Street-side Native Plants Garden Visit** at Spear & Alliance. CNPS 707-826-7247
- April 19**, Tues. 4-5 p.m. **Arcata Community Center Native Plant and Wildlife Garden**. CNPS 707-839-0307
- Ongoing**: Tu, Th, Sat, 12 noon-5 p.m. **Lost Foods Native Plant Nursery and Sanctuary**, Redwood Acres. 707-268-8447
- Ongoing**: Wed.-Sun. 10 a.m.-4 p.m. **Lost Coast Brewery Native Plant Garden** at the Humboldt Botanical Garden. Admission charged. 707-442-5139

LECTURES

- April 23**, Sat. time TBA. **Enjoying Wildflowers**. Donna Wildearth. Miller Farms Nursery, 1828 Central, McKinleyville. www.millerfarmsnursery.com

WILDFLOWER SHOWS

- April 22, 23**, Fri.-Sat. **Ruby Van Deventer Wildflower Show**, Crescent City; Fri. (11 a.m.-5 p.m.), Sat.(10 a.m.-5 p.m.) at the Del Norte County Fairgrounds, Crescent City. 707-457-3485
- April 29, 30, May 1**, Fri.-Sun. **SPRING WILDFLOWER SHOW** (Friday 1-5; Saturday 10-5; Sunday 10-4) at Manila Community Center, 1611 Peninsula Dr., Manila. CNPS. 707-822-2015, northcoastcnps.org. Don't miss it!
- April**, all month. **Wildflower Art** at the Upstairs Gallery in Umpqua Bank, 1063 G St., Arcata. 707-498-5228.

NATIVE PLANT SALES

- April 30-May 1**, Sat.-Sun. 10 a.m.-4 p.m. **CNPS NATIVE PLANT SALE** at Manila Community Center. 1611 Peninsula Dr., Manila. CNPS. 707-822-2015, 707-826-7247. northcoastcnps.org
- Ongoing**: Tu, Th, Sat, 12 noon-5 p.m. **Lost Foods Nursery**. 3740 Harris St, Eureka. 707-268-8447
- Ongoing**: **Samara Restoration Nursery**. 5260 Dows Prairie Rd, McKinleyville. 707-834-4379; www.samararestoration.com

WORK PARTIES

- April 16**, Sat. 10:00 a.m.-2:00 p.m. **Ivy Pull at Trinidad State Beach**. California State Parks 707-677-3109
- April 20**, Wed. 10:00-1:00 p.m. **Nursery work** at the the **CNPS Nursery**. Meet Bayside Grange 9:50 a.m. 707-267-0397
- April 22**, Fri. 10:00-12:00 noon. **Ivy Pull at a State Park in Trinidad**. Humboldt No Ivy League. kimkat067@gmail.com
- April 23**, Sat. 9:30 a.m.-12:30 p.m. **Dune Restoration** Lanphere or Ma'lél. Friends of the Dunes. 707-444-1397

Spring Wildflower Show and Native Plant Sale

April 29 (1-5 p.m.), **April 30** (10 a.m.-5 p.m.),
May 1 (10 a.m.-4 p.m.)

- hundreds of wildflowers from seashore to mountains, labeled and displayed by family
- interactive phenology project table
- wild plant identification--bring it or a photo
- guided walks in the dunes (11 a.m.)
- displays of edible native plants, wild medicinal plants, invasive plants, live insects, and dune plants.
- art (drawing and painting) workshop Friday evening 7 p.m.
- plant books and posters for sale

You can help! 707-822-2015 or theralphs@humboldt1.com

We need people to collect flowers near and far, identify them, arrange them, set up tables, work shifts at tables, bring refreshments for volunteers, lead school groups, and clean up! **Most tasks require no botanical knowledge.**



April 30 & May 1 (10 a.m.-4 p.m.)

- hundreds of native plants for sale
- lots of cheerful annuals
- trees, shrubs, perennials
- bulbs, succulents, ferns, grasses
- for sun or shade, wet or dry
- experienced gardeners to help you
- reference books to consult
- grown by our volunteers and by Samara Restoration Nursery, Lost Foods Nursery, Beresford Bulbs, and Chris Brant Nursery
- cash, check, or credit card
- bring a box to carry home your plants

You can help! 707-826-7247 or eabern@aol.com.

We need people to transport potted plants, move plants, label plants, advise customers, tally purchases, take money, and clean up! **Most tasks require no botanical knowledge.**



Find updates and details: NorthCoastCNPS.org

Manila Community Center

(1611 Peninsula Dr., Manila. Between Arcata and the Samoa Bridge, off Hwy 255)

Free admission

Wheelchair Accessible

STEERING COMMITTEE MEMBERS/CONTACTS

President	Carol Ralph	707-822-2015	theralphs@humboldt1.com
Vice President	Greg O'Connell	707-599-4887	gregoconnell7@gmail.com
Secretary	Frances Ferguson	707-822-5079	fferguson@reninet.com
Treasurer	Tom Pratum	707-382-8640	tkp@whatcomssl.org
Membership	Tom Pratum	707-382-8640	tkp@whatcomssl.org
Invasive Plants	Stephanie Klein	707-443-8326	Stephanie.Klein@ghd.com
Native Plant Gardening	Pete Haggard	707-839-0307	phaggard@suddenlink.net
Native Plant Consultation	Samantha O'Connell	707-601-0650	maineflower@gmail.com
Plant Sales	Position Open (Co-Chair) Anna Bernard (Co-Chair)	707-826-7247	Contact President Carol Ralph eabern@aol.com
Nursery Manager	Chris Beresford	707-826-0259	thegang7@pacbell.net
Education	Barbara Reisman	707-267-0397	reisperson@gmail.com
Conservation Advisor	Sydney Carothers	707- 822-4316	sydneyc@humboldt1.com
Programs	Michael Kauffmann	707-407-7686	michaelekauffmann@gmail.com
Hospitality	Melinda Groom Frank Milezcik (Asst.)	707- 668-4275 707-822-5360	mgroomster@gmail.com frankm6385@yahoo.com
Field Trips and Plant Walks	Carol Ralph	707-822-2015	theralphs@humboldt1.com
Rare Plants	Kim Imper Greg O'Connell (Co-Chair)	707-444-2756 707-599-4887	dimper@suddenlink.net gregoconnell7@gmail.com
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Poster Sales	Rita Zito	707-443-2868	ritazito53@yahoo.com
T-Shirt Sales	Position Open		Contact President Carol Ralph
Workshops	Gordon Leppig	707-839-0458	gleppig@dfg.ca.gov
Wildflower Show	Position Open		Contact President Carol Ralph
Chapter Council Delegate	Larry Levine	707-822-7190	levinel.northcoast@gmail.com
NEC NCCNPS Representative	Gary Falxa	707-476-9238	gfalxa@suddenlink.net

COMMUNICATIONS

North Coast CNPS members have four ways to share information with each other:

- The **Darlingtonia Newsletter** (quarterly),

Issue	Print Date	Submission Deadline	Announce Events In
Winter	January 1	December 1	Jan, Feb, Mar, Apr
Spring	April 1	March 1	Apr, May, June, Jul
Summer	July 1	June 1	Jul, Aug, Sep, Oct
Fall	October 1	September 1	Oct, Nov, Dec, Jan

Email newsletter articles, factoids, tidbits, etc. to the Newsletter Editor by the above submission deadlines.

Articles should generally be no more than 1,000 words and photos can be any size and in these formats: JPG, JPEG, BMP, GIF, or PNG).

- Our **chapter's website**: www.northcoastcnps.org
- **E-mail lists/forums** To subscribe, send an email to:
 - For Announcements: NorthCoast_CNPS-subscribe@yahoogroups.com
 - For Gardening: NorthCoast_CNPS_Gardening-subscribe@yahoogroups.com
- **Facebook** www.facebook.com/NorthCoastCNPS

ECONEWS AND YOU

We, the North Coast Chapter of CNPS, are a member organization of the Northcoast Environmental Center (NEC), a valuable voice for conservation in our area. We have a seat on their board of directors. The NEC is the only organization with which we share our mailing list. We think it is important that our members receive *EcoNews*, an informative publication about conservation issues in our area. Our chapter pays NEC to mail *EcoNews* to our members who are not also NEC members. You can reduce this cost to our chapter by joining NEC at www.yournec.org or requesting your *EcoNews* be electronic (contact Gary Falxa at gfalxa@suddenlink.net).

NATIVE PLANT CONSULTATION SERVICE



Are you wondering which plants in your yard are native? Are you unsure if that vine in the corner is an invasive exotic? Would you like to know some native species that would grow well in your yard?

The North Coast Chapter of the California Native Plant Society offers the Native Plant Consultation Service to answer these questions and to share our experiences gardening with natives. This service is free. We hope it will inspire you to join CNPS or make a donation.

Contact our coordinator, Samantha O'Connell at 707-601-0650 or maineflower@gmail.com, who will put you in touch with a team of volunteer consultants who will arrange a visit to your property to look at what you have and help choose suitable plants for your garden.

(Continued from page 5)

Fern (*Polystichum lemmonii*). Two interesting shrubs in this zone were Shrubby Cinquefoil (*Dasiphora* (formerly *Potentilla*) *fruticosa*) and Curleaf Mountain-mahogany (*Cercocarpus ledifolius*).

A bit further uphill we approached the lake along its outflow stream, which originated at a small dam, an "improvement" presumably installed by ranchers or sportsmen a long time ago. Only two miles and less than 1,000 ft elevation gain from the road, this lake is, and has been for a long time, accessible to grazing stock as well as to hikers. It lacked any shrubbery around the shores--no willows, no honeysuckles, no spiraea, no heathers--and looked shallow. It did have a patch of Yellow Pond Lily. Parts of its wide, gentle shores were dry, dusty stands of White Rush-lily and yampah. Other parts were a green turf of sedges. The lower slopes of the wide basin were partly sagebrush, occasionally lightened by a pink owl's-clover (*Orthocarpus* sp.), partly scattered mounds of finely divided, gray-green foliage of Drummond's Anemone (*Anemone drummondii*), and otherwise a sprinkling of other ephemeral herbs and plenty of gopher activity. The dark, solid presence of a few Foxtail Pines (*Pinus balfouriana*), an endemic of high elevation, California mountains, added mystic aura to the scene. The upper end of the valley, beyond our reach this day, was more solidly green turf among scattered Western White Pines. It can be quite squishy in a "normal" year. Notably, the lake was full, despite the exceedingly dry season.

Though our visits to a mountain meadow, a serpentine ridge, and a montane lake were much too brief, and the list of plants to look up much too long, the days were wonderful. The weather was sunny but cool. The timing for flowers was perfect. The East Boulder Lake Trail offered botanical interest all the way. Comradery flourished around the campfire. We saw countless treasures-- four species of buckwheats (at least), and as many (unknown) yellow composites, plus elegant Explorer's Gentian, the curious Snapdragon Skullcap (*Scutellaria antirrhinoides*), magnificent Woolly Angelica, iconic Foxtail Pine, numerous meadow favorites-- and we breathed deeply the fir-scented, mountain air.

Note: Trail crews had been working on rerouting the East Boulder Lake Trail much higher up the wet, bouldery slope, perhaps bypassing it entirely.

Rock The Redwoods II

The Arcata Theatre Lounge
Saturday, April 16th
Doors open at 7:30pm
Showtime 8:00pm
Tickets \$18

A Musical Fundraiser for
Redwood Parks Association
to celebrate the
National Park's 100th Birthday

Featuring:

- 🎵 Home Cookin'
- 🎵 The Delta Nationals
- 🎵 Melanie Barnett Band

This is a 21 and over event

Tickets available at:
Wildberries, Arcata Theatre Lounge,
The Works in Eureka and online at
www.redwoodparksassociation.org

Redwood Parks Association is a local non-profit 501(c)3. We exist to foster understanding, enjoyment and stewardship of northern California's coastal public lands through education and the support of our partner agencies.



POTS & FLATS

Currently, the nursery has plenty of 4" square pots, 1-gallon pots and flats on site. We may need more after the sale, but we will let folks know. While we appreciate your donations, we are asking for folks to only drop off the pots that we use for our sale, 4" square & 1-gallons. We standardize our size pots in order to make pricing of our plants easier. Please, please, please do not drop off round pots that are not 1-gallons, small round pots, square pots that are smaller than 4", saucers for pots, broken flats, 4-packs, flats that do not drain, 3 or 5-gallon pots, etc. We end up having to throw them out if they are not recyclable because we cannot use them. If you have any questions about what we can use or need, please contact Chris Beresford at thegang7@pacbell.net or 707-826-0259. Thank you!

(Continued from page 2)

May 14, Saturday. Patrick's Point State Park Ivy Pull and Hike. CNPS and Sierra Club will join the State Park's monthly restoration work day to rescue a little portion of this precious State Park from the smothering English Ivy. We'll work 9 a.m.-12 noon, then eat our picnic lunches, then enjoy some hiking, flowers, Sitka Spruce forest, and spectacular views along one of the great trails. Maybe we'll find mist maidens and twayblade. Come for all or part. Meet at 8:30 at Pacific Union School (3001 Janes Rd., Arcata) or at 9 a.m. at the park. Check at the entrance station for the day's location. Admission free for volunteers. Dress for the weather; bring water, lunch, and (optional) work gloves and clippers. Questions about ivy pulling: mitchel_williams@hotmail.com. Questions about the hike: Carol 707-822-2015, theralphs@humboldt1.com

May 14, Saturday. Wildflower Walk in the Orleans area. Exact destination to be decided. Meet at the Panamnik Building in Orleans at 10 a.m. Contact Tanya Chapple for details: tanya@mkwc.org. Co-sponsored by Mid-Klamath Watershed Council.

May 15, Sunday. Schatz Demonstration Tree Farm Field Trip. This facility of Humboldt State University in Maple Creek offers a chance to explore in the low elevation mountains between the coast and Six Rivers National Forest. We will walk with the resident manager's wife along a 3-mile, out-and-back route where she has seen 40 species of flowers blooming (not all native). She will point out the forest management projects in progress. We will be in forest shade, woodland dapple, and meadow sun, including a creek. Meet at 8:30 a.m. at Pacific Union School (3001 Janes Rd., Arcata) or arrange another place. Dress for the weather; wear sturdy walking shoes; bring lunch and water. Return late afternoon. It helps to know you are coming: Carol 707-822-2015.

June 4, Saturday. Moss Day in Arcata. This is your chance to learn to distinguish the components of the green, mossy blur in a redwood forest. Join experienced bryologist and teacher, and founding member of the CNPS Bryophyte Chapter, Paul Wilson from California State University Northridge, for a day in the redwood forest learning common mosses and maybe some uncommon too. We will walk about 2 miles in the Arcata Community Forest and probably sort our finds while we have lunch at a picnic table in Redwood Park. Meet at 9:00 a.m. in the parking lot in the park at the top of 14th St., Arcata. Bring water, lunch, hand lens, and paper packets or envelopes. We will finish by 3 p.m. Contact: bryophytechaptercnps@gmail.com.

June 11, Saturday. Rare Plant Treasure Hunt: Pink-margined Monkeyflower (*Erythranthe trinitensis*). Traveling beyond Horse Mountain (where we saw this monkeyflower last year) on Forest Highway 1 in Six Rivers National Forest we will check out known sites of this diminutive monkeyflower at Grouse Mountain, White Rock Spring, and Cold Spring, to gain more habitat data and, hopefully, find plants on native, non-roaded substrate. At Cold Spring we will also look for the Mountain Lady's-slipper (*Cypripedium montanum*), which was seen there 20 years ago and possibly last year. Meet at 9:00 a.m. at Pacific Union School (3001 Janes Rd., Arcata). Be prepared with sturdy shoes or boots for short hikes off gravel roads. Bring lunch, water, hats, sunscreen, and plant detectors. Tell John what kind of vehicle you can bring, if any. John McRae at 707-441-3513. or jmcrae@fs.fed.us. In partnership with Six Rivers National Forest.

June 11, Saturday. Plant Walk and Weeding in the Trinity Alps at High Point Trailhead. Help remove invasive Dyer's woad (*Isatis tinctoria*) from a wilderness trailhead and join us for a ridge top walk to Rock Lake. Meet at the Panamnik Building in Orleans at 9 a.m. Contact Tanya Chapple for details, tanya@mkwc.org. Co-sponsored by Mid-Klamath Watershed Council.

June 17-19, Friday p.m.-Sunday. Grizzly Peak and Mount Ashland overnight and day hikes. Day hikes on these somewhat high elevation mountains (5,000-6,500 ft.) will find wildflowers whether the season is early or late. The basic plan is to drive to Ashland Friday afternoon, set up camp (site to be determined), hike Grizzly Peak Saturday, have a campfire meal that night, hike Grouse Gap (Mount Ashland) Sunday morning, and drive home that afternoon). Overnighing in a motel in Ashland would work too. If you are interested, tell Carol right now, to be notified as plans develop. theralphs@humboldt1.com, 707-822-2015

June 25. Rare Plant Treasure Hunt for salt marsh species in the Dead Mouse Marsh of Ryan Slough. Dead Mouse Marsh was created decades ago by breaching a dyke and allowing brackish water to tidally inundate this area. A salt marsh community has formed there, providing habitat for several rare species. We hope to locate populations of Pt. Reyes Bird's-beak (*Chloropyron maritimum* ssp. *palustre*), Western Sand-spurrey (*Spergularia canadensis* var. *occidentalis*), and Lyngbye's Sedge (*Carex lyngbyei*). We may also be able to detect post-bloom Humboldt Bay Owl's Clover (*Castilleja ambigua* var. *humboldtiensis*). For details contact Greg O'Connell at gregococonnell7@gmail.com or 707-599-4887.

July 9, Saturday. [uncertain] Plant Walk and Weeding in the Marble Mountains at Norcross Trailhead. Help remove invasive plants from a wilderness trailhead and join us for a walk up Elk Creek. Meet at the Panamnik Building in Orleans at 9 a.m. Contact Tanya Chapple for details, tanya@mkwc.org. Co-sponsored by Mid-Klamath Watershed Council.

July 30, Saturday. Rare Plant Treasure Hunt for Wolf's Evening Primrose (*Oenothera wolfii*) in roadside locations around Humboldt Bay and Trinidad. *Oenothera wolfii* struggles to survive due to road maintenance activities and hybridization with a similar non-native species. We'll attempt to map locations of *Oenothera wolfii* and its hybrids. For details contact Greg O'Connell at gregococonnell7@gmail.com or 707-599-4887.

August 6-7, Saturday-Sunday. Rare Plant Treasure Hunt in Del Norte County. We'll explore the Gasquet region (and possibly Lake Earl area) looking for several late-blooming taxa with historical records from the areas including Little-leaf Huckleberry (*Vaccinium scoparium*), Great Burnett (*Sanguisorba officinalis*), Mendocino Gentian (*Gentiana setigera*), and several sedge species (*Carex* spp.) We hope to overnight in a campground, and motels are available in the area. For details contact Greg O'Connell at gregococonnell7@gmail.com or 707-599-4887.

VOLUNTEER CORNER

Everything we do is with volunteer labor. Every job, small or large, is important for getting things done. We appreciate our many, talented, generous volunteers. You can be one too! Contact Carol at 707-822-2015 or theralphs@humboldt1.com

Thank you!

Larry and Donna Ulrich for the donation of the proceeds of their book sales at the evening program, as well as a marvelous evening of wildflower and landscape images.

Barbara Reisman for stepping up to nursery responsibilities during Chris' absence, for helping compile the events for Native Plant Week, and for taking charge of our chapter's table at public events.

The many attendees at evening programs who help set up the chairs for the evening programs and clean up afterwards. What helpful people we have in our audience!

Richard Beresford for trapping the rats that were digging in our potted plants at the nursery. He is a good woodsman as well as craftsman.

Pete Haggard and Donna Wildearth for updating "Northwest California Natives Tested in the Arcata-Eureka Area", aka "Pete's Plant List", available on our web site.

Nursery Thank Yous from Chris Beresford

I would like to thank the following volunteers for their ongoing assistance at the nursery: Jane Stock, Barbara Reisman, Jon Hill, Zeal Stefanoff, Patricia Parsons, Sam O'Connell, Greg O'Connell, Connie Gregerson, Emily Haase, Mary Alward, Anna Bernard and Richard Beresford. I would also like to thank Chris Brant for once again offering to mow and maintain the area around the nursery. A special thank you to Zeal for getting much needed pallets so we could get our plants elevated and to Barbara for willingly taking on extra tasks when I need to go out of town. Thanks to all of you!

Welcome Aboard!

Barbara Reisman as Education Chair

Help Wanted

Wildflower Show Coordinator. Gets lots of credit and thanks while coordinating a group who knows what needs to be done. Needs a good "sense of calendar."	Plant Sale Coordinator. Watches the "big picture" while the many wonderful volunteers carry on getting plants ready. Fall and/or spring sale.
Poster Sale Person. Stores our inventory of posters and makes them available at our events. Could also arrange sales to stores, classes, visitor centers.	Plant Sale Supervisor. Directs sale set up--what goes where, how to place signage--and clean-up.
Conservation Issue Specialists. Inform themselves about conservation issues of their choice and keep us informed in the newsletter and at Steering Committee meetings.	Nursery Liaison. Plant Sale Supervisor. Directs sale set up--what goes where, how to place signage--and clean-up.

North Coast Chapter's Native Plant Nursery

With the help of many individuals, the nursery is getting full of plants for the upcoming spring plant sale! We are regularly increasing the number of plants that we have on site as well as the number of species.

Workdays are Wednesdays 10-1 or so at the nursery (Jacoby Creek Land Trust, 2182 Old Arcata Road). Parking is limited, so carpool when possible (we meet at the Bayside Grange at 9:55).

Interested in volunteering? Contact Chris Beresford at thegang7@pacbell.net or 707-826-0259.

Native Plants, the Designer Way

By Genevieve Schmidt, originally published in North Coast Journal, Feb 4, 2016 and reprinted with permission

Our regional plants offer so many ways to deepen our relationship with the environment around us. Not only do they attract birds and native insects (which form the base of our food chain and help birds feed their young — and are charming in their own right), they highlight the unique beauty only found here in Humboldt. There's an unfortunate perception that native plant gardens have a messy look, but just because you are using natives doesn't mean your landscape design should emulate the wildness of nature. Here's how to design them successfully.

Create an orderly frame. I'm currently reading *Planting in a Post-Wild World* by Thomas Rainer and Claudia West, and they bring up the concept of an "orderly frame." Even chaotic plantings, with grasses and wildflowers tangling together, look refined and intentional when framed by pathways and patios that have a generous size, strong shape and are made of finished-looking materials such as interlocking pavers, stamped concrete or stone. By contrast, unevenly edged pathways covered in straw will make any planting look like it's having a bad hair day. If more permanent materials are outside of your budget, micro fir bark and decomposed granite can be set in a geometric or broadly curving shape to harmonize with the architecture of your home and give plantings a clean look.

Keep the edges crisp. On a similar note, keep the edges scrupulously neat in any areas where your planting beds are bordered by lawn or loose materials such as bark or gravel. As your eyes float across the landscape, the edges make the biggest impression as to whether something is well-kept or out of control. Use either a semi-permanent edging such as brick, bender board, concrete curbing or rocks; a low hedge (either clipped or left natural); or plan to use a string trimmer or pulaski twice a year to define the line of the border. This is less important if you are landscaping with native shrubs, grasses and perennials in a way that already looks well-organized, but becomes more so when you experiment with reseeding annual and biennial wildflowers. Consider how the English wrap a neat hedge of boxwood around an exuberant floral planting and you'll get the idea.

Use a broad brushstroke. Many gardeners passionate about wildlife and native plants start out by trying to replicate the randomized design of nature, tucking a wide variety of single specimen plants throughout the garden. But going from the clean lines and large size of your home straight to a wild space that looks untouched by a human hand feels both out of scale (wrong size) and out of place (wrong feeling). The solution is to cluster plants in broad swaths so each of your plant selections appears as a larger element. A meandering drift of native grasses or perennials can emulate a natural shape like a streambed, yet the bold design still feels appropriate next to the man-made look of your home. While this approach means you have to consider your plant choices that much more carefully since there are far fewer of them, it will give your composition a huge visual impact.

Choose a simple color palette. Plant lovers may find the whole

"planting in masses" advice a little hard to swallow, given how many exciting plants there are to experiment with. If you want to use a wider variety of species and still have it look well-designed, one secret to doing so is to choose a limited color palette. By emphasizing a simple array of, say, four colors, you can attain a feeling of continuity throughout the landscape while still enjoying frequent shopping trips to the nursery. When choosing which colors to go with, think about what colors you decorate with indoors. By echoing some of those themes, the view outside your windows will feel like an outdoor extension of your home.

Get to know local wildlife. By learning the names of the specific birds and insects that frequent our local plants, you can better target your plant selections to encourage wildlife to visit. California is a big place, so just planting things native to California may miss the mark when it comes to feeding and supporting the bugs and birds found here in Humboldt. Local author and insect enthusiast Peter Haggard recommends Ceanothus, Twinberry (*Lonicera*), California wax myrtle (*Myrica*), native currants and gooseberries (*Ribes*), and wild buckwheat (*Eriogonum*) as powerhouse plants for coastal Northern California wildlife. Check out his book *Insects of the Pacific Northwest* for identifying some of the cool beasties visiting your garden, and Russell Link's book *Landscaping for Wildlife in the Pacific Northwest* for photos of Northwest birds as well as specific information about which birds are attracted by which plants.

Experiment with pruning natives. While each species of shrub and tree has its own natural habit, native plants can be pruned and shaped just like you would any other, so if you are attracted to a specific type of pruning or landscaping, native plants can be trained to fit your aesthetic. Play with Japanese cloud pruning, remove the lowest branches from a native shrub to make it into a small multi-stemmed tree, or use stakes and ties to shape a supple stem into an interesting spiral. You can retain the regional beauty found in native plants as well as many of the wildlife benefits while still having fun pruning with artistry.

While I love to garden with purely ornamental plants as much as the next person, Humboldt County is the home of such exquisitely beautiful plant life that it's a shame to ignore it in our landscaping. By incorporating some of our region's native plants, we not only attract the local wildlife that has evolved to interact with it, we highlight the special beauty that is only found here, and increase our connection to the world outside the backyard fence. Learn more about native plants at the website of the North Coast Chapter of the California Native Plant Society, NorthCoastCNPS.org, where you'll find plant suggestions as well as dates of upcoming lectures and garden walks.

For a detailed monthly to-do list, visit NorthCoastJournal.com/GardenTodo.

Genevieve Schmidt owns a fine landscape maintenance company in Arcata. Visit her on the web at GenevieveSchmidtDesign.com.

Rare Plant Conservation Decisions Are Only As Good As The Data They're Based On

By Greg O'Connell, NC CNPS Rare Plants Co-Chair

The CNPS Rare Plant Treasure Hunt (RPTH) is a citizen-science program started by the state CNPS office in 2010 with the goal of getting up-to-date information on many of our state's rare plants, while engaging chapter members and other volunteers in rare plant conservation (See Spring 2013 *Darlingtonia* for previous RPTH article by John McRae). Many of the North Coast's rare plant populations have not been seen (or perhaps no data submitted) in decades and some parts of our region have seen little botanical exploration to date. As a result, the North Coast CNPS Chapter is coordinating with the state RPTH program to train and encourage more people to look for rare plants and submit data. RPTH data submitted to CNPS are cataloged in the California Natural Diversity Database and are used to determine or update the rarity status of each species.

If you're familiar with CNDDDB's (California Department of Fish and Wildlife's California Natural Diversity Database) BIOS database (<https://www.dfg.ca.gov/biogeodata/cnddb/>) and already an experienced botanist, you may already know what to do. If you need training or guidance in learning how, where, and when to look for rare plants and how to submit data, the North Coast CNPS Chapter is here to help! Check out the calendar of events for RPTHs led by knowledgeable botanists. You can also visit the "ask the expert table" and the Spring Wildflower show April 29 – May 1 and inquire about other RPTH opportunities. More information is on the CNPS Rare Plants website at <http://www.cnps.org/cnps/rareplants/treasurehunt/> and you can also contact me at gregoconnell7@gmail.com.

April 2, 2016. Burnt Ranch Area. There are several occurrences of *Montia howellii* in the Burnt Ranch area. We'll see if we can locate these populations while exploring the general area. *Montia howellii*. Photo by Greg O'Connell



Saturday May 7, 2016. Redwood State/National Parks. *Cardamine angulata* was added to the inventory of rare plants just a few years ago. We'll visit a few places between Orick and Crescent City to see if we can locate historical occurrences and possibly find new populations. *Cardamine angulata*. Photo by Dana York



June 11, 2016. Grouse Mnt and Cold Springs Vicinity. *Erythranthe trinitensis* is a recently described monkey flower that was split from *Mimulus pulsiferae*. This RPTH will help us understand more about the range distribution of this species. We'll also be keeping our eyes out for *Cyripedium montanum*. *Erythranthe trinitensis*. Photo by Greg O'Connell



Saturday June 25, 2016. Ryan Slough, Eureka. Dead Mouse Marsh was created decades ago by breaching a dyke and allowing brackish water to tidally inundate this area. A salt marsh community has formed there, providing habitat for several rare species. We hope to locate populations of *Chloropyron maritimum* ssp. *palustre*, *Spergularia canadensis* var. *occidentalis*, *Carex lyngbyei*. We may also be able to detect post-bloom *Castilleja ambigua* var. *humboldtensis*.

Spergularia canadensis var. *occidentalis*. Photo by Greg O'Connell



Saturday July 30, 2016. Various roadside locations around Humboldt Bay and Trinidad. *Oenothera wolfii* struggles to survive due to road maintenance activities and hybridization with a similar non-native species. We'll attempt to map locations *Oenothera wolfii* and its hybrids.

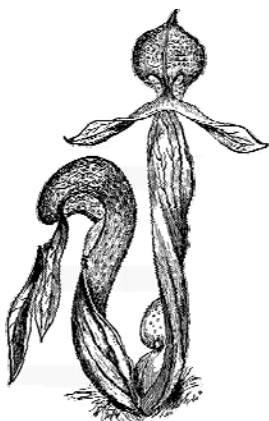
Saturday and Sunday August 6 and 7, 2016. Del Norte Co. locations. We'll explore the Gasquet region (and possibly Lake Earl area) looking for several late-blooming taxa with historical records from the areas including *Vaccinium scoparium*, *Sanguisorba officinalis*, *Gentiana setigera*, and several *Carex* species.

CNPS, North Coast Chapter
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Darlingtonia



Visit us at
NorthCoastCNPS.org

CALENDAR of EVENTS (Field Trips—pg 2 / Programs-pg 3)

April

- ◆ Sat 2: Field Trip & Rare Plant Treasure Hunt
- ◆ Fri 8 Wildflower Art Show Opening (see page 6 for more information)
- ◆ Sat 9 Field Trip
- ◆ Wed 13: Program
- ◆ Sat 16-Sun 24 Native Plant Week (see page 8 for activities)
- ◆ Fri-Sat 29-30 Wildflower Show (see pages 7 and 9 for more information)
- ◆ Sat 30: Plant Sale (see pages 7 and 9 for more information)

May

- ◆ Sun 1: Wildflower Show
- ◆ Sun 1: Plant Sale
- ◆ Sat 7 Rare Plant Treasure Hunt
- ◆ Wed 11: Program
- ◆ Sat 14 Hikes
- ◆ Sun 14 Hike

June—August - see the *Field Trips, Rare Plant Treasure Hunts, and Garden Walks* on page 2