

Darlingtonia

SPRING 2014
Jan-Mar

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

Rare Plant Treasure Hunts & Big Days



1. **May 3, Saturday. 9 a.m.-4 p.m. Rare Plant Treasure Hunt: Fawn Lily in Bald Hills**
2. **May 17, Saturday. Rare Plant Big Day in the Dunes and Wetlands.**
3. **June 8, Sunday. Rare Plant Big Day in Trinidad.**
4. **July 26, Saturday. Rare Plant Treasure Hunt: Day Hike on Horse Mountain**
5. **August 23, Saturday. Rare Plant Treasure Hunt: Day Hike to Grouse Creek**

(Continued on page 9)

Inside this issue:

Feature Article: Rare Plant Treasure Hunts & Big Days	1
Field Trips and Plant Walks	2
Chapter Programs	3
Celebrate Native Plant Week	3
Volunteer Corner	4
Field Trip Reports: • Horse Mountain & Cold Spring	5
Celebrate 50th Anniversary of the Federal Wilderness Act	6
Wildflower Show & Plant Sale	7
Members' Corner	8
Plant Sale Volunteer Opportunities	9
Humboldt Genetic Contamination Prevention Ordinance	11
Siskiyou Field Institute Classes	11
Humboldt Botanical Garden Native Garden Tours	12
Chapter Contacts	13
Calendar of Events	16

Find out what's happening:

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

FIELD TRIPS, LONG AND SHORT

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.

April 5, Saturday. 10:00 a.m.-12:00 noon. Trinidad Head Walk. This scenic head is clothed in wind-sculpted, native vegetation, a good example of our coastal shrub community. Naturalist Virginia Waters will introduce the varied shrubs, the 5 species of evergreen fern, and various trailside herbs like Snow Queen and Wild Ginger. Vistas of the sea and possible sightings of whales and porpoises enrich the walk. The route is roughly one mile, partly road, partly gravel path. Meet at the base of the head, at the beach parking. 822-2015.

April 12, Saturday. Wooley Creek Wildflower Day Hike (beyond Orleans) Expected blooms include Ookow and Blue Dicks and an interesting pink hybrid of Firecracker Flower. Wooley Creek Trail is a wilderness trail headed towards the Marble Mountain. After a rather steep climb, the trail slowly drops to the creek in two miles. Meet at the Panamnik Building in Orleans (same building as the Post Office, 38150 Hwy 96)(2 hrs from Arcata) at 10am, or at the Wooley Creek Trailhead at 10:30. Please bring a lunch and water. Finish by mid-afternoon. Please contact Tanya Chapple at 530-627-3202 or tanya@mkwc.org. Co-sponsored with Mid-Klamath Watershed Council.

April 12-13, Saturday-Sunday. Serpentine Grassland Spring Flowers hike and overnight at the UC McLoughlin Reserve. The reserve and the Milo Baker Chapter invite us to camp Saturday and join a potluck dinner Saturday night in the reserve field station facility, a short drive up the hill from the campground. The reserve is 13 miles southwest of Lower Lake (east end of Clear Lake) on Morgan Valley Rd. On Sunday morning the Reserve staff will lead us on a gently paced walk through fields of serpentine spring wildflowers at a nearby location. Other serpentine locations can be visited in the afternoon. Contact: Wendy Smit, Milo Baker Fieldtrip Chair, wendysmit@hughes.net. Carol Ralph will coordinate anyone going from Arcata area who wants to drive down Friday afternoon and camp somewhere(707-822-2015; theralphs@humboldt1.com). A few dorm rooms are available at the reserve, and motels are in Lower Lake.

April 20, Sunday (Easter). 12:30-3:30 p.m. Native Plants in Yards and Forest. Join Carol Ralph 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, native 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 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 26, Saturday. 10:00 a.m. to 12 p.m. Ferns of the Dunes. 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. Walking will be about 100 yards. Bring a hand lens. Meet at Pacific Union School, 3001 Janes Road in Arcata and carpool to the protected site. Co-sponsored with Friends of the Dunes. Please register by calling 444-1397.

April 27. 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. Kindly RSVP 768-3287 or 822-2015

May 3, Saturday. 9 a.m.-4 p.m. Rare Plant Treasure Hunt: Fawn Lily in Bald Hills. Coast Fawn Lily (*Erythronium revolutum*) has been sighted in the oak woodlands of the Bald Hills. We will tramp around the steep prairies looking for this and some other rare plants. It is a gorgeous time of year up there. Meet at 9:00 a.m. at South Operations Center in Orick. Dress for a day outside; bring lunch and water. Return to the Center 4:00 p.m. Jointly sponsored by Redwood National and State Parks and by CNPS. Contact Laura Julian to say you are coming: laura_julian@nps.gov or 707-465-7787

(Continued on page 14)

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 / michael_kauffmann@yahoo.com.

Apr 9 “Flora of the Italian Alps” with Kjirsten Wayman

Kjirsten, a local chemistry professor and aspiring botanist, spent two months last summer in the Dolomites. In this region of the Italian Alps, she hiked mountains and meadows to explore the diversity of flora that lives there. The Dolomites 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 Dolomites with only the enthusiasm a California botanist could share!

May 14 “Hiking the John Muir Trail—botanical adventures and beyond”

Humboldt County botanists, Gary and Lauren Lester, describe their 250 mile trek along one of the world's most famous trails as seen through the eyes of naturalists. Encounters including fabled endemic Sierran plant species, the mystical southern population of Foxtail Pine, the largest Sierra Nevada wildfire in recorded history, ascents of storied landmarks of Half Dome, Clouds Rest and Mt. Whitney, all including a little help from family and friends along the way. Learn how to plan a month long backpack trip, embrace intuitive trail decisions and thoroughly enjoy the natural history trail wonders each step of the way.



Celebrate!

California's lovely, useful and important native plants

April 12-20

What is Native Plant Week?

California Native Plant Week (CNPW) is a week dedicated to the appreciation, education, and conservation of California's fabulous flora. The CNPW legislation (ACR 173) was sponsored by CNPS, and introduced by Senator Noreen Evens during the 2010 legislative session to help protect California's native plant heritage and preserve it for future generations by raising awareness about our state's rich botanical diversity. California Native Plant Society promotes CNPW through native plant sales, wildflower shows, gardening workshops, lectures, hikes, and many more events. CNPW events like these allow all California residents to take an active role in preserving the majesty of California's native flora.

<http://californianativeplantweek.org/>

VOLUNTEER CORNER

Contact Carol (822-2015 / theralphs@humboldt1.com) to volunteer, ask questions, or make suggestions.
Phone Carol 822-2015 or write theralphs@humboldt1.com to volunteer, ask questions, or make suggestions.

Thank you!

- **Chris Beresford** and **Anna Bernard** for planting myriad seeds, potting up myriad seedlings, and capturing and potting many plants from native gardens, all for our plant sale.
- **Anna Bernard** for keeping up a spreadsheet of our dynamic, plant inventory.
- **Chris Beresford** for organizing potting-up sessions at her house and for restocking and storing the potting soil supply.
- **Karen Isa, Sylvia White, April Caito, Judie Hinman, Kim McFarland, Carol Ralph,** and others (see plant sale article) for helping pot up at Chris' house.
- **Alan** and **Barbara Wilkinson** and **Wilma Johnston** for offering their gardens as sources of cuttings, divisions, and young plants of native species for our plant sales.
- **Elaine Allison** for updating the names on the plant signs for the plant sales.
- **Karen Isa** for thinking of us while visiting the Freshwater Farms facility of the North Coast Land Trust. We are looking for a centrally located, nursery-type space in which to grow plants for our sales.
- **Greg O'Connell** for leading a walk on a non-drought day.
- **Dennis Walker** for the push and the information needed to mobilize a project to reverse succession in Big Lagoon Bog.

Volunteers needed. Big jobs and small, every one important. Every job-holder is eligible to be on our Steering Committee. Contact Carol at 822-2015 or theralphs@humboldt1.com

• For the Spring Wildflower Show:

- * **Put up fliers**--one or more
- * **Collect flowers** on Thursday, May 1
- * **Prepare the showroom** on Thursday, May 1, 3 p.m.
- * **Process flowers** (sort, put in vases, identify, label) on Friday, May 2, 8 a.m.
- * **Staff tables** for 2 hours during the show-- welcome table, CNPS booth, book table
- * **Escort school classes** through a 2-hour rotation on Friday, May 2
- * **Clean up the showroom** on Sunday, May 3, 4 p.m.

• For the plant sale (see also the plant sale article):

- * **Transport plants** on Friday, May 2, about 3 p.m.
- * **Move plants**, keeping them arranged logically and attractively
- * **Welcome customers** and point out the sale arrangement
- * **Assist customers** in choosing specific plants
- * **Check out customers**--add their bill; take money; or use credit card reader
- * **Carry out plants** to customers' cars
- * **Take home some left-over plants** to tend until the October sale

- **EcoNews editor** to assemble material (not necessarily write it) for our page in EcoNews. We also need photos and short articles submitted to use on this page.
- **Chief Outreacher.** Keep our displays and handouts in good shape for use at various public events, about 6/year. A good group of volunteers help staff the table (booth).
- **Craftsy person** to invent a native plant costume or puppet for the **All Species Parade** (in September) and inspire or facilitate others to make them too. Let's have a whole bog or forest of native plants in the parade!

FIELD TRIP REPORTS

Horse Mountain and Cold Spring Short Hikes

September 28, 2013

by Carol Ralph

On a fine but cool fall day our group of 9 headed for that wonderful, mountain habitat only 45 minutes away, Horse Mountain area along Titlow Hill Rd. (Forest Highway 1) in Six Rivers National Forest off Highway 299.



Left to right: Incense Cedar, Port Orford Cedar, and Jeffrey Pine along Indian Butte Rd.

Our first short hike was a loop from Indian Butte Rd. up and over the summit and back to the cars. At Horse Mountain Parking Area (4.6 miles from 299) we turned left up 6N36 a short ways to the wide junction with Indian Butte Rd. (6N18) on the left, where we parked. A "POC gate" was here, which is closed during the wet season, when vehicle traffic increases the risk of spreading Port Orford Cedar root disease. (Note 1) The walk down the road provided some good views, as well as botanical interest in the serpentine flora and wet roadside ditch. We were among the plants that to me say "serpentine:" Jeffrey Pine (*Pinus jeffreyi*), Port Orford Cedar (*Chamaecyparis lawsoniana*), Huckleberry Oak (*Quercus vacciniifolia*), Wedge-leaf Ceanothus (*Ceanothus cuneatus*), and Dense Lace Fern (*Aspidotis densa*). Incense Cedar (*Calocedrus decurrens*) was there too, providing a side-by-side cedar lesson. The hardy herbs we saw in this harsh, dry habitat included Naked Buckwheat (*Eriogonum nudum*), Snowy Thistle (*Cirsium occidentale* var. *candidissimum*), Bear-grass (*Xerophyllum tenax*), a phacelia (*Phacelia* sp.), and Spreading Phlox (*Phlox diffusa*). The first two were still blooming. Even after the dry summer, water trickled in the roadside ditch. In this damper soil were Western Azaleas (*Rhododendron occidentale*), Five-finger Fern (*Adiantum aleuticum*), Narrow-leaved Lotus (*Hosackia oblongifolia*: blooming), a lily (probably Leopard Lily, (*Lilium pardalinum*)), Western False Asphodel (*Triantha occidentalis*), and several tufted, sedgey or rushy things. Abundant, tiny, white specs floating on the water proved to be springtails (collembola). A short mile down the road, before it entered a dense stand of White Fir (*Abies concolor*) and Douglas-fir (*Pseudotsuga menziesii*), we turned right to

cross the gentle hill on a contour until we saw a clear way up the hill to the right, an historic ski slope. We followed this uneven and somewhat steep route straight up to the radio towers at the summit. The view from there included Humboldt Bay and the Pacific Ocean. We continued past all the towers and straight ahead across a wide, bare area to an old, dirt road that descended the far (south-ish) side of the mountain and emerged on 6N36 right near our cars. With our botanizing stops this loop took us 2 hours. It was entirely within the Horse Mountain Botanical Area, an area designated to give priority to management for the serpentine flora there.

After lunch among serpentine rocks and herbs near the cars we drove back to the Horse Mountain Parking Area and walked the short (100 m), user-marked path through the trees to Lookout Rock, adding some non-serpentine species to our list and enjoying the vista of the valley of Redwood Creek.

Some of us then continued south along Titlow Hill Rd. to Cold Spring. (7.8 miles from Highway 299 turn right on small, dirt



Walking up the ski slope on Horse Mountain.

road 05N27). We parked in the small area right by the spring (a pipe and a trickle to a stock pond among the conifers) and walked north about half-mile on a trail that is not yet well marked, other than by cows, to a spring very near the border of the National Forest land. The wet area nourished by this spring, which was still trickling, was about 20 ft. diameter, a green oasis in a dusty landscape. It was obviously important to the cows using the grazing lease in this part of the forest. The wet ground was punched by cow footprints. The hummocks between were clumps of rush (*Juncus* sp.) in a thick bed of moss, liverwort, Tinker's Penny (*Hypericum anagalloides*), and Common Yellow Monkeyflower (*Mimulus guttatus*). Tattered Arrowleaf Ragwort (*Senecio triangularis*) had gone to seed. Tops of the tall Monkshood (*Aconitum columbianum*) and Leopard Lilies (identified on previous visits as *Lilium pardalinum*) had all been eaten, despite the

(Continued on page 6)

(Continued from page 5)

reported toxicity of the former. From the spring we followed a way uphill to the road and walked along it back to the cars. While the Bracken (*Pteridium esculentum*) had turned rich brown and quit for the season, and the Sheep Sorrel (*Rumex acetosella*) was red and in seed, a tiny knotweed (maybe Spurry Knotweed, *Polygonum spergulariiforme*) with tiny leaves and tiny flowers on thread-thin stems about three inches tall was in full bloom, creating a pink haze over the gravelly flat beside the road.

As usual, our outing on Horse Mountain provided a good dose of mountain air, grand vistas, and a variety of habitats and plants, making a satisfying day. The slow wheels of progress in the Forest Service and a group of volunteers are turning and will define specific trails for hiking (and biking) in this area, but meanwhile dirt logging roads and open habitats allow plenty of exploring. Note 1. To reduce the chance of your boots or bike carrying Port Orford-cedar root disease spores into this disease-free area, please clean them at home and spray them with disinfectant of some kind.

Wilderness and Her Rivers

Join over twenty artists celebrating the 50th anniversary of the Federal Wilderness Act. This May show is at the Upstairs Art Galley in the Umpqua Bank of Arcata, California, 1063 G St. The Arts Arcata Reception is Friday May 9th 6 p.m. The art work will be photographs, oil paintings, watercolors, monotypes, silk screens, and wood block prints featuring northwestern California wilderness areas and the rivers that flow out of them. Down stairs there will be live music and information tables. Recreation, river and wilderness advocates will be available to talk about about back packing, horse packing, rafting, kayaking, fishing opportunities, and river restoration work .Humboldt Wildlife Care Center will pour wine and have their birds.

Participating artists are;

- ☞ Gary Bloomfield
- ☞ Sam Camp
- ☞ John Crater
- ☞ Andrew Daniels
- ☞ Paul Fabian
- ☞ Paula Golightly,
- ☞ Michael Harris
- ☞ Vaughn Hutchins
- ☞ Ken Jarvala
- ☞ Joyce Jonte
- ☞ Maureen McGarry
- ☞ Jim McVicker
- ☞ Terry Oats
- ☞ Kathy O'Leary
- ☞ Debee L. Holland-Olsen
- ☞ Linda Parkinson
- ☞ Leslie Reid
- ☞ Paul and Heather Ricard
- ☞ Alan Sanborn
- ☞ Patricia Sennott
- ☞ Stock Schlueter
- ☞ Janet Stock
- ☞ Rick Tolley
- ☞ John Wesa



Hancock Lake, Marble Mountains Wilderness, oil painting by Rick Tolley

North Coast CNPS Wildflower Show is Coming!

The North Coast Chapter of the California Native Plant Society is continuing the Spring Wildflower Show tradition, started 32 years ago by Nature Discovery Volunteers. The spring Wildflower Show, a celebration of wild California plants, convenes at the Manila Community Center (1611 Peninsula Dr., just off State Hwy 255 between Arcata and the Samoa Bridge). This year the show is **May 2 through May 4** and is **open to the public Friday, 1-5 p.m., Saturday 10 a.m.-5 p.m., Sunday 10 a.m.-4 p.m. Admission is free.**

The abnormally dry winter has finally given way to a somewhat normal early spring, and nature has responded! CNPS-North Coast Chapter shall be presenting hundreds of wildflowers, both native and non-native, from dune to butte, labeled and displayed by family for your enjoyment and edification. This effort could not be accomplished without dozens of volunteers from our membership as well as other organizations:

- ☞ Friends of the Dunes
- ☞ HSU Natural History Museum
- ☞ Humboldt Weed Management Area
- ☞ The Northwest School for Botanical Studies
- ☞ Native American community

Additional groups or individuals may be presenting displays or speak on topics including:

- ☞ Edible plants (provided by Monty Caid from Lost Foods Native Plant Nursery),
- ☞ Plants of the dunes (thanks to Friends of the Dunes volunteers)
- ☞ Local insects (appreciation to Pete and Judy Haggard)
- ☞ Invasive plants (display created by Laura Julian)
- ☞ Plant habitats (Larry Levine)
- ☞ Wild Medicinal Plants (program by Christa Sinadinos)
- ☞ Photographing flowers, books for sale, and Native American use of plants.



A SPECIAL AND UNIQUE TREAT— "

An Introduction to the Incredible World of Bryophytes and Lichens"

is being presented by Marie Antoine and Tom Carlberg. Bryophytes are a group of non-vascular plants that include; mosses, hornworts, and liverworts and are, along with the lichens, amazing and sometimes bizarre complex organisms that are ecologically important to our world. The opportunity to view specimens through magnification should prove to be quite an experience for young and old alike!

(Continued on page 10)

MEMBERS' CORNER

WELCOME NEW MEMBERS

PIMM ALLEN
CHRISTINA HAMMOND
GURA LASHLEE
SIONA NELSON
ROBERT SHEARER

THANK YOU RENEWING MEMBERS

EMMALIEN BOUT
DONALD DAVIS
ELAINE ALLISON
ANTHONY ANDREOLI / LOUISE C. ANDREOLI
RICHARD D. BOOTHE / JOYCE A. BOOTHE
APRIL CAITO
FRANK T. CALLAHAN, II
DAVID CALLOW
ADAM CANTER
SYDNEY CAROTHERS
HELEN CONSTANTINE-SHULL
MARISA D'ARPINO
DOMINIC DIPAOLO
JOHN DIXON / LYNN DIXON
JAN DOBAK
JOAN DOUGLAS
SAMANTHA DUDMAN-MILLER / JOSHUA MILLER
KAYLEA EICKHOFF
SUSAN ERWIN
TAMARA GEDIK
CHRISTY GRAHAM
PETE HAGGARD / JUDY HAGGARD
BRET HARVEY
SANDRA HAZEL
STANLEY HINO
CHRIS JENICAN-BERESFORD / RICHARD BERESFORD
ALAN JUSTICE
MARY JO KENNY
NONA H. KRAUS
CHERRY LA FORGE
TONY LABANCA
DAVID LEABERRY
GORDON LEPPIG /DFG/COASTAL CONSERVATION PLANNING
CHERYL LISIN
BOB MELENDEZ
AUDREY MILLER
STEPHANIE MORRISSETTE

JOHN P. NICKLAS
MICHELE PALAZZO
ROBERT J. REINSVOLD
ERIN RENTZ
WILLIAM E. RODSTROM
MICHAEL SEEBER
DEANNA R THRIFT
JEANNE TOLMASOFF
STEPHEN UNDERWOOD
CHRISTA UNGER
TROY K. VOUGHT
ANDA WEBB / JUD ELLINWOOD
DONNA WILDEARTH
JESSICA WILSON
BOB WUNNER

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/>

(Continued from page 1)

Join others in learning more about our local rare plants and the thrill of finding these treasures.

Rare Plant Treasure Hunt (RPTH) is a citizen-science program started by CNPS 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. Many of California's rare plant populations have not been seen in decades and some parts of the state have seen little to no botanical exploration to date. This program helps conserve our rare flora by providing valuable data to the CNPS Rare Plant Program and the California Department of Fish and Wildlife.

More information about the local treasure hunts is available in the Field Trips listings starting on page 2 of this newsletter. Visit CNPS's website (<http://cnps.org/cnps/rareplants/treasurehunt/>) for more information about the program and treasure hunts across the state.



POTS NEEDED

The plant propagation committee is in need of small 6-pack, 4" square pots and 1-gallon pots for the chapter's native plant sales. We literally go through hundreds of these every year. If you have any extra of the above, you can drop them off at Chris Beresford's house at 4688 Jacoby Creek Road, Bayside or at Anna Bernard's house at 3232 Alliance Road (in the subdivision at the end of K Street), Arcata. For additional information or to arrange for one of us to come and pick them up, contact Chris at thegang7@pacbell.net or at 826-0259 or Anna at eabern@aol.com or at 826-7247.

Volunteer for Spring Wildflower Show Plant Sale

Our annual spring native plant sale will be held in conjunction with the Wildflower Show at the Manila Community Center on Saturday May 3 and Sunday May 4. The plant sale hours are the same as the Wildflower Shows: 10 – 5 on Saturday and 10 – 4 on Sunday.

At the sale, we offer a wide variety of native trees, shrubs, ferns, bulbs, perennials and annuals for sale that the plant sale propagator group has grown or that we have obtained from our local nursery partners.

Volunteers are needed to help make this a successful fundraising event for our local chapter's activities. Volunteer duties include: moving plants from our plant sale storage sites to the sale site (Friday afternoon and Saturday morning), help set up the plant sale, a botanist to double check plant labeling or for last minute plant identification, volunteers to answer questions for folks interested in purchasing plants and making plant suggestions for specific site requirements, tallying up plants sold, cashiering, processing credit card sales, clean up on Sunday and removal of any left-over plants to the storage sites until our fall sale.

Shifts normally run for 3 hours, but any length of time that you can volunteer for would be most appreciated.

For more information, to volunteer to help with the plant sale, contact Chris Beresford at thegang7@pacbell.net or call 707-826-0259.

Our plant sales are the primary funding source for our chapter and we all need to help out!

Plant Sale Propagators Need Volunteers

In addition to volunteering for the plant sale, we need help to get ready for our upcoming plant sale. We will have plants to transplant, clean up, inventory, labels that we need to put into all of our plants, and signage that needs updating – just to name a few tasks.

An easy way for us to contact volunteers is to have them sign up as part of the Yahoo gardening group. Join the NC-CNPS Gardening with Natives Group by sending an email to northcoast_cnps_gardening-subscribe@yahoogroups.com. We will send you email notices about upcoming activities.

Thank You from Chris and Anna

We would like to thank the following volunteers who helped us recently transplant plants for the plant sale: Judie Hinman, Karen Isa, Sylvia White, Carol Ralph, April Caito, Kim McFarland, Sydney Carothers, and Randi Swendenburg.

(Continued from page 7)

The schedule also includes guided walks on both Saturday and Sunday in the neighboring dunes led by volunteers from Friends of the Dunes. In addition, there will be a Sunday morning art excursion with one of our favorite local artists, Rick Tolley, to paint or sketch plants and landscapes observed while walking in the dunes. This year we will again have an "Ask the Expert" table where visitors may bring in a photo or a small sample of a native plant that they would like to know more about. At Art Night on Friday evening (also led voluntarily by Rick Tolley) artists of all skill levels, gather to draw and paint flowers and listen to the pleasant musical accompaniment of local acoustical group; Mon Petit Chou.

The spring version of our bi-annual native plant sale, with many of the species represented in the Main auditorium, will run concurrent with the Wildflower Show on Saturday from 10 a.m. to 5 p.m. and Sunday from 10 a.m. to 4 p.m. The plant sale propagation group continues to expand the number of different species they grow for the local chapter's plant sale. This year's sale will include additional types of penstemons, bulbs, annuals and other perennials. Check out our website (www.northcoastcnps.org) for a list of plants that we have to offer. **All profits go directly to the North Coast Chapter of CNPS and are a major contributor to the chapters' funding support.**

If you would like to be involved in presenting this marvelous array of wild plant fun, we are always in need of volunteers! 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, etc. We have big and small jobs, indoor and outdoor jobs, both public and behind-the-scene jobs. Many tasks require no botanical knowledge. To volunteer call: 822-2015 or 826-0259.

Watch for updated information and additional publicity as we draw closer to the event. We are still firming up our line-up but a complete event schedule will soon be on our website: www.northcoastcnps.org. Information call: 826-0259 or 822-2015.

Join us and see which of your flower favorites are at the show this year, make some new friends, and hear what this year's Program team has to offer. Look forward to seeing you at this year's gala event!

2014 Wildflower Show (tentative) Schedule

Friday, May 2

- Show open from 1 p.m. to 5 p.m.
- 10 a.m. to 2 p.m. -School groups tour the show
- 7 p.m. - "Art Night" with Rick Tolley offering a free drawing workshop with live music from Mon Petit Chou.

Saturday, May 3

- Show open from 10 a.m. to 5 p.m.
- Native Plant Sale- 10 a.m. to 5 p.m.
- 11 a.m. to 1 p.m. -Guided Dune walk with a Friends of the Dunes docent TBA
- 1 p.m. – Program TBA
- 3 p.m. – Photographing Flowers with local photographer

Sunday, May 4

- 8:30 a.m. to 10 a.m. – "Beauty in the Dunes" painting/drawing walk with Rick Tolley (questions? call Rick at 668-5370)
- Show open from 10 a.m. to 4 p.m.
- Native Plant sale 10 a.m. to 4 p.m.
- 11 a.m. – Guided Dune walk with Friends of the Dunes docent TBA
- 2 p.m. – "Wild Medicinal Plants", presented by Christa Sinadinos





Humboldt County Genetic Contamination Prevention Ordinance

At the March business meeting, the steering committee of the North Coast Chapter – CNPS unanimously voted to endorse the Humboldt County Genetic Contamination Prevention Ordinance as proposed by Committee for a GMO Free Humboldt (see link to ordinance text below) [1].

As with our endorsement of Proposition 37 (2012, Genetically Engineered Foods Labeling Initiative), our concern remains the unintentional spread of GMO pollen and genes with the potential negative impact on wild (native) plants, as almost no research has been done to document these impacts. What is known is that drift of pollen from transgenic plants can transfer herbicide resistance genes to wild weed species, resulting in the potential creation of “superweeds” which would be difficult to control and may overwhelm native species. References listed below include the ordinance [1], the Union of Concerned Scientists’ “Risks of Genetic Engineering” [2], the EPA summation of pollen from Round-Up Ready creeping bentgrass drifting and crossbreeding with native grasses in eastern Oregon [3], as well as a previous *Darlingtonia* article by Jen Kalt on Round-Up Ready gene transfer from creeping bentgrass to native species [4].

References:

1. <http://gmofreehumboldt.org/about-the-ordinance/>
2. http://www.ucsusa.org/food_and_agriculture/our-failing-food-system/genetic-engineering/
3. <http://www.epa.gov/wed/pages/news/04Nov/lead.htm>
4. http://cnps.site.aplus.net/DT/Darlingtonia_2007_1_Spring.pdf

We acknowledge that enforcement of the proposed ordinance may be challenging, but this ordinance, in principle, could address our concerns with regard to the genetic integrity of native plants in Humboldt County.



Here are some botany and other natural science classes offered this spring by Siskiyou Field Institute. Location is Deer Creek Center in Selma, Oregon unless otherwise noted.

- *Introduction to Lichens*; April 2-3; instructor Daphne Stone; tuition \$170 *Terrestrial Mollusks*; April 17-18; instructor Tif any Young; tuition \$170 *Edible Plants*, April 19; instructor Daniel Newberry; tuition \$55
- *Botanizing the Illinois River Trail* with William Sullivan; April 27; tuition \$55 *Serpentine Ecology*, May 10; instructor Susan Harrison; tuition \$55
- *Ecology and Uses of Marine Seaweeds*; May 18; Crescent City, CA; instructor Simona Augyte; tuition \$55
- *Field Sketching Part I: Leaves and Habits*; May 29-30; instructor Linda Vorobik; tuition \$150 or \$250 for both parts
- *Field Sketching Part II: Fruits and Flowers*; May 31-June 1; instructor Linda Vorobik; tuition \$150 or \$250 for both parts
- *Exploring Conifer Country in the Russian Wilderness*; June 14-15; Klamath National Forest / Russian Wilderness; instructors Michael Kaufmann and Alison Poklemba; tuition \$110
- In partnership with the Carex Working Group, SFI will also offer Wildland Grass and Carex Identification Workshops taught by Barbara Wilson, Richard Brainerd and Nick Otting of CWG.
- *Wildland Grass I.D. Workshop*; May 20-21; Carex Working Group \$250 tuition
- *Carex I.D. Workshop*; June 24-25; \$250 tuition

Humboldt Botanical Garden Tour

The Humboldt Botanical Gardens (hbgf.org) bi-annual Garden Tour will be held on **Sunday June 22 from 10 until 5**. This tour features 8 gardens in the Eureka area, three of which have used native plants extensively in their landscapes. Tickets are available on the day of the tour at any of the garden sites or in advance at local nurseries. Following is a brief description of the three gardens featuring native plants.

Randi & Ray Swedenburg Garden

The garden of Randi & Ray Swedenburg, located at 2424 B Street and previously highlighted in this newsletter, is a seasonal wetland, a type of garden that has never been featured on the tour before. A relatively young garden, this garden is a wonderful example of how to embrace a drainage issue (water from roof flowing under the house) and incorporate it into one's landscape. This garden also includes edible and cottage style gardens.

The Swedenburg's wanted the garden to be predominately planted with California native plants. They choose native plants in and around their wetland that can thrive in wet winters and tolerate dry summers. The plants they used are rushes (*Juncus patens* and *effuses*), ninebark (*Physocarpus*), red twig dogwood (*Cornus sericea*), checkerbloom (*Sidalcea malvaeflora*), seep monkeyflower (*Mimulus guttatus*) and scarlet monkeyflower (*Mimulus cardinalis*), tinkers penny (*Hypericum anagalloides*), Western azalea (*Rhododendron occidentale*) and Douglas iris (*Iris douglasiana*).

They also wanted to create a habitat for insects, birds and salamanders for Randi & Ray's observation and enjoyment as well as grow food for themselves and cut flowers for arrangements.

Zanone Gardens

The gardens of Ron and Melanie Kunhel, known as the Zanone Gardens, are located at 1604 G Street. The Kuhnels left a large part of their three acres in natural plantings and spend a lot of time removing invasive plants – mostly fennel and blackberries. They have a series of ponds that start in a cistern behind a retaining wall. The water flows through a flume into a large pond with koi and goldfish. Ducks and wild birds use the pond which flows over rocks to another pond which recirculates the water. It can also flow downstream to a grotto which is surrounded by Humboldt County ferns in a fernery.

In addition to their native plantings, they have planted roses, a hedge, dahlias, day lilies an extensive vegetable garden, a white garden which is anchored by dogwoods and a beautiful Japanese snowbell tree, a railroad garden with many varieties of heather, a knot garden and a rose arbor.

Annie B. Ryan Garden

The Annie B. Ryan Garden, located at 949 E Street, is part of an historic restoration project for the Annie B. Ryan House and Garden. The house is being restored by College of the Redwoods students and the gardens are a continuation of an effort begun by Carol Green to showcase antique gardens and educate students in the history and nature of Humboldt County. A lovely cottage garden filled with roses, and perennials is found on the south of the rose garden. Sweet peas grow along the fence. A wide variety of native shrubs and perennials, planted by Monty Caid of Lost Foods Nursery (1 of the local providers for our plant sale), line both north and south sides of the garden area. Behind the house are kitchen gardens of potatoes, herbs, vegetables, perennials, dye plants and fruit trees.

STEERING COMMITTEE MEMBERS/CONTACTS

President	Carol Ralph	707-822-2015	theralphs@humboldt1.com
Vice President	Kim McFarland	707-832-6012	kam73@humboldt.edu
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	Bev Zeman	707-677-9391	donjzeman@yahoo.com
Plant Sales	Chris Beresford Anna Bernard (Co-Chair)	707-826-0259 707-826-7247	thegang7@pacbell.net eabern@aol.com
Education	Position Open		Contact President Carol Ralph
Conservation	Position Open		Contact President Carol Ralph
Programs	Michael Kauffmann	707-407-7686	michael_kauffmann@yahoo.com
Hospitality	Melinda Groom Frank Milelcik (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
Plant Communities	Tony LaBanca	707-826-7208	tlabanca@dfg.ca.gov
Newsletter Editor	Marisa D'Arpino	707-601-0898	marisa_nativecalifornian@yahoo.com
Website & Publicity	Larry Levine	707-822-7190	levinel@northcoast.com
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	Richard Beresford	707-826-0259	thegang7@pacbell.net
Chapter Council Delegate	Larry Levine	707-822-7190	levinel@northcoast.com
NEC NCCNPS Representative	Gary Falxa		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 give advice on gardening with natives. If you are a member of CNPS, this service is free, if not, you can join or make a donation to our chapter.

A phone call to our coordinator, Bev Zeman at 677-9391 or donjzeman@yahoo.com, 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 2)

May 10, Saturday. 2-4 p.m. 101 Common Plants at Arcata Marsh--book, tea, and walk. To celebrate the new field guide published by Friends of Arcata Marsh, authors Jenny Hanson, Rich Ridenhour, and Sue Leskiw (and possibly photographer Leslie Anderson) will lead a plant-focused walk on the paths of Arcata Marsh. Iced tea and homemade cookies will be served starting at 1 p.m. at the Marsh Interpretive Center, 569 South G St, Arcata. A hand lens or binoculars will be useful. Co-sponsored with Friends of the Arcata Marsh. For more information call 707-826-2359.

May 10, Saturday. Bluff Creek Trail Wildflower Day Hike. This trail begins on Hwy 96 a few miles south of Orleans near E-Ne-Nuk Campground, then heads up the hill into Douglas-fir and Madrone forest. It's a very interesting trail that travels through a variety of plant communities in a short distance. Meet at the Panamnik Building in Orleans (same building as the Post Office, 38150 Hwy 96)(2 hrs from Arcata) at 10am, or at the trailhead at 10:30. Please bring a lunch and water. Finish by mid-afternoon. Please contact Tanya Chapple at 530-627-3202 or tanya@mkwc.org. Co-sponsored with the Mid-Klamath Watershed Council.

May 17, Saturday. Rare Plant Big Day in the Dunes and Wetlands. How many plants listed in the Inventory of Rare, Threatened, and Endangered Plants of California (www.rareplants.cnps.org) can we see in one day in the dunes and wetlands around Humboldt Bay? With good planning, possibly twelve. For each species we will learn how rare it is, how to distinguish it from similar species, and what threatens it. We will see fun, non-rare plants too, of course. Dress for the weather (and maybe wet feet); bring lunch and water. Meet at 9:00 a.m. at Pacific Union School (3001 Janes Rd., Arcata), or arrange another place. Finish mid-afternoon. Please contact Carol (822-2015, theralphs@humboldt1.com) to find out where we will go and to tell her you are coming.

May 25, Sunday. 1:00-3:00 p.m. Azaleas! at the Azalea State Reserve. Join experienced native plant gardener and entomologist Pete Haggard to admire the azaleas blooming and to see a variety of other native shrubs recommended for gardens as well as enjoyment in the wild. About half mile easy walk on gravel path. Exit onto North Bank Rd. off 101 just north of the Mad River; after about one mile turn left on Azalea Dr., and shortly after that, left into the parking lot. 839-0307

June 7, Saturday. 11 a.m.-3 p.m. Jacoby Creek Forest wildflower walk. Join City of Arcata botanist Mike McDowall to walk in this lush, city-owned forest closed to public access. See Western Wahoo (Burning Bush), Stink Currant, a diversity of saxifrage family and ferns, a sparkling stream, and a rich forest. Moderate hike; two stream crossings. Wear sturdy shoes, bring water. Meet at 11 a.m. in the parking lot behind City Hall, 500 7th St., to carpool to the trailhead. Information: City of Arcata Environmental Services Dept., 822-8184 or eservices@cityofarcata.org

June 7-8, Saturday-Sunday. Rare Plant Treasure Hunt for Serpentine Endemics at UC McLoughlin Reserve--hike and overnight. The reserve and the Milo Baker Chapter invite us to camp Saturday and join a potluck dinner Saturday night in the reserve field station facility, a short drive up the hill from the campground. The reserve is 13 miles southwest of Lower Lake (east end of Clear Lake) on Morgan Valley Rd. On Sunday morning we will visit a rugged serpentine canyon to map CNPS-listed plants. We will carpool in high clearance/ 4WD vehicles for this moderately strenuous outing. There will be opportunities to learn how to census rare plants and fill out CNDDDB field survey forms for anyone who's interested. Contact: Wendy Smit, Milo Baker Fieldtrip Chair, wendysmit@hughes.net. Carol Ralph will coordinate anyone going from Arcata area (707-822-2015; theralphs@humboldt1.com). A few dorm rooms are available at the reserve, and motels are in Lower Lake.

(Continued on page 15)



SPRING WILDFLOWER SHOW

MAY 2-4 at the Manila Community Center

School groups welcome on Friday May 2

June 8, Sunday. **Rare Plant Big Day in Trinidad.** How many plants listed in the Inventory of Rare, Threatened, and Endangered Plants of California (www.rareplants.cnps.org) can we see in one day on the bluffs and beaches and in the bogs and forests of Trinidad area? With good planning, possibly twelve. For each species we will learn how rare it is, how to distinguish it from similar species, and what threatens it. We will see fun, non-rare plants too, of course. Dress for the weather (and maybe wet feet); bring lunch and water. Meet at 9:00 a.m. at Pacific Union School (3001 Janes Rd., Arcata), or arrange another place. Finish mid-afternoon. Please tell Carol (822-2015, theralphs@humboldt1.com) you are coming.

June 14, Saturday. **Fish Lake Wildflower Hikes and optional Campout.** Explore the plant communities in the vicinity of Fish Lake, near Orleans, including Port Orford-Cedar, Western Azalea, and a variety of other ericaceous shrubs. Meet at the Panamnik Building in Orleans (same building as the Post Office, 38150 Hwy 96) (2 hours from Arcata) at 10am, or at the campground at 11:00. Camping at Fish Lake Campground is available. Please contact Tanya Chapple at 530-627-3202 or tanya@mkwc.org. Co-sponsored with the Mid-Klamath Watershed Council.

July 12-13, Saturday-Sunday. **Bear Lake Day Hike or Backpack Overnight.** We will explore the Bear Peak Botanical Area in the Siskiyou Wilderness. This is an overnight backpacking trip with the option to day-hike. The first day we will hike the three miles to camp at Upper Bear Lake. The hike is moderate and very exposed, through a burned area, and drops steeply into the lake basin. The next day we can explore the botanical area and/or hike on to Red Hill, a very interesting open forest with Port Orford-Cedar and Brewer's Spruce growing out of red rock. Meet at the Panamnik Building in Orleans (same building as the Post Office, 38150 Hwy 96) at 10am, or at the Elbow Springs Trailhead at 12:00. Please contact Tanya Chapple at 530-627-3202 or tanya@mkwc.org. Arcata people may want to camp somewhere near on Friday or Sunday night.

July 18-20, Friday-Sunday. **Wetlands and Cascade Mountains in Rocky Point, Oregon.** The many wetlands of Upper Klamath Lake near Rocky Point offer a diversity of wetland plants, both perennial and ephemeral, even in a drought year. The Ralphs' cabin near Rocky Point Resort will be headquarters for half-day explorations by canoe or by foot of the tule-and-cat-tail marsh along Recreation Creek, the vernal pool aspect of Harriman Springs and Four-Mile Marsh, the mountain meadow uplands and marsh of Big Meadow, the streamside lilies and mosquitoes of Seven Mile Creek, and other sites as time permits. Ralphs offer cabin space and tent sites (very rustic), and Rocky Point Resort, a small, rustic resort, offers tent sites (5), RV sites, cabin, and motel units, as well as canoe rental. Contact Carol for more details as soon as you think you might come (707-822-2015; theralphs@humboldt1.com).

July 26, Saturday. **Rare Plant Treasure Hunt: Dayhike on Horse Mountain** to find the newly described Trinity Alps Monkeyflower (*Erythranthe trinitiensis*). Call John McRae 707-441-3513

August 23, Saturday. **Rare Plant Treasure Hunt: Dayhike to Grouse Creek** to find the type locality for the willowherb *Epilobium exaltatum*. John McRae 707-441-3513

& PLANT SALE

Join our volunteers (no botanical knowledge required)! Contact a Beresford (WFS-Richard / Plant Show-Chris at thegang7@pacbell.net / 826-0259).

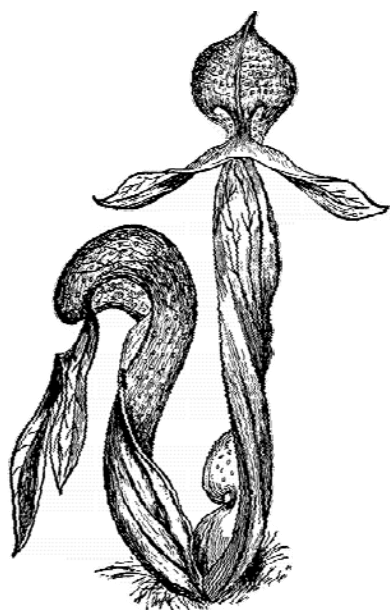


CNPS, North Coast Chapter
P.O. Box 1067
Arcata, CA 95518

Non-Profit Organization
U.S. Postage
PAID
Permit No. 33
Arcata CA 95521

CHANGE SERVICE REQUESTED

Darlingtonia



Visit us at
NorthCoastCNPS.org

CALENDAR of EVENTS

(Field Trips—Page 2 / Programs— Page 3)

April

- ◆ Sat 5: Field Trip
- ◆ Wed 9: Program
- ◆ Sat 12: Field Trip
- ◆ Sat-Sun 12-13: Field Trip
- ◆ Sun 20: Field Trip
- ◆ Sat 26: Field Trip
- ◆ Sun 27: Field Trip

May

- ◆ Fri-Sun 2-4: Wild Flower Show
- ◆ Sat-Sun 3-4: Plant Sale
- ◆ Sat 3: Treasure Hunt
- ◆ Wed 14: Program
- ◆ Sat 17: Treasure Hunt
- ◆ Sun 25: Field Trip

June

- ◆ Sat 7: Field Trip
- ◆ Sat-Sun 7-8: Field Trip
- ◆ Sun 8: Treasure Hunt
- ◆ Sat 14: Field Trip

July

- ◆ Sat-Sun 12-13: Field Trip
- ◆ Fri-Sun 18-20: Field Trip
- ◆ Sat 26: Treasure Hunt

August

- ◆ Sat 23: Treasure Hunt