

Darlingtonia

SPRING 2021
March-May

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

Spring Native Plant Sale

At Freshwater Farms Reserve,
a property of the North Coast Regional Land Trust

5851 Myrtle Ave., Eureka

Saturday May 1 and Sunday May 2

by pre-scheduled appointment only

We are adhering to the guidance of County Health Department:

Masks must be worn at all times and attendees are limited

Please check out our website for additional information

Sign up to attend at: www.northcoastcnps.org.

- ◆ Over 100 species grown by our chapter volunteers
- ◆ 23 species of colorful annuals and 3 species of milkweeds
- ◆ Darlingtonia
- ◆ Many species of perennials, grasses, shrubs, ferns, and trees
- ◆ 25+ species of beautiful bulbs and other specialty plants
- ◆ Additional plants from local native plant growers
- ◆ Plants for a variety of needs: sun, shade and in-between
- ◆ Experienced gardeners to assist you

Plant species lists: www.northcoastcnps.org > Native Plant Sales

Please bring a box to carry home your plants

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Find out what's happening:

- Visit our website: NorthCoastCNPS.org
- Visit our Facebook page: facebook.com/NorthCoastCNPS
- Sign-Up for Activity Notifications by emailing: theralphs@humboldt1.com and request to be added
- Visit Instagram page: instagram.com/northcoastcnps

Evening Programs and Field Trips

EVENING PROGRAMS

Evening programs are free, public presentations on the second Wednesday of each month, September through May. During Covid restrictions, at least through May, 2021, programs will be via Zoom, at 7:00 p.m. The link to register will be on our website www.northcoastcnps.org during the weeks before the program.

March 10, Wednesday, 7:00 p.m. *via Zoom*. "**Our Precious Prairies.**" In addition to being stunningly charismatic, coastal prairies are one of the most significant ecosystems in California. These valuable areas, which contain perennial native bunchgrasses that sequester carbon, prevent erosion, increase groundwater retention, and provide essential habitat, are under siege by conifer encroachment, fire suppression, land use changes, and agricultural development. Join Hugh McGee and Veronica Yates of the Mattole Restoration Council as we explore the values, threats, and our restoration efforts to conserve these special and diminishing communities. **Register** on our website.

April 14, Wednesday, 7:00 p.m. *via Zoom*. "**Putting the Forest back in Forestry.**" "Forestry" has become a term for the art of managing complex forest ecosystems solely for commodities--timber and fiber. Other outputs and services, like water, wildlife, and native plants, are treated as constraints to that management. The resulting regulatory environment is rigid, with perverse incentives. At van Eck Forest in McKinleyville, the Pacific Forest Trust has pioneered ways to pay for vital forest outputs like water, habitat, and climate, while also reducing regulatory burdens. Laurie Wayburn, the dynamic executive director of the Trust, will show what this new kind of managed forest looks like, compared to "standard" industrial timber harvest, and explain the central role of managed forests in combating climate change. **Register** for this Zoom event on our website.

May 12, Wednesday, 7:00 p.m. *via Zoom*. "**Serpentine Ecology: Wacky soils build glorious places.**" Where mantle rocks are found on the earth's surface, you will also find exquisite landscapes, red rocks, and rare plants. Serpentine ecology is the science that

describes the interactions between mantle-derived soils (serpentine/ultramafic soils) and plants and animals. In the Klamath-Siskiyou, we are lucky to have significant "wacky soils." Kristi Mergenthaler will lead a broad discussion while also highlighting some of the special places and plants in Oregon's portion of the Klamath-Siskiyou. Kristi is a botanist, the stewardship director of Southern Oregon Land Conservancy, and a long-term volunteer with the Siskiyou Chapter Native Plant Society of Oregon. **Register** on our website.

From the Humboldt Bay Mycological Society [hbmycologicalsociety.org]

April 21, Wednesday, 7:00 *via Zoom*. "**Marvelous Mycoheterotrophs: The Beauty and Science of Floral-Fungal Freeloaders**" If you've ever been fascinated by a waxy, alien looking plant without green parts in the woods that doesn't even seem like it should be real, you may have been enchanted by a marvelous mycoheterotroph! In this talk, Leah Bendlin, a mushroom and community science enthusiast from Portland, will discuss the biology and associations of these strange looking plants that depend upon fungi for survival, as well as some of the scientific discoveries that lead to the current understanding of how they function. Leah will help you get to know and recognize some local species and learn how they might help us in successful mushroom hunting! Watch for the Zoom link in later publicity

FIELD TRIPS

Please watch for updates on our Web site (www.northcoastcnps.org) or sign up for e-mail announcements: Carol theralphs@humboldt1.com.

Outings are open to everyone, not just members. All levels of expertise, from beginners to experienced botanizers, are welcome. Address questions about physical requirements to the leader. Contact the leader so you can be informed of any changes. We are following the county's Covid protocol--small groups, face coverings, and social distancing. We recommend no carpooling.

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March 21, Sunday. Seawood Cape Preserve Field Trip. Just north of Trinidad this new preserve of The Wildland Conservancy is ready for some botanical exploration in its coastal scrub, Redwood, and Sitka Spruce forests, and on its coastal bluff. We will walk 2-3 miles on rough trails having a good review of coastal plants. See article on facing page for a description. Small groups, face coverings, and social distancing observed. Register with Carol at 707-822-2015 or theralphs@humboldt1.com.

April 18, Sunday. Horse Mountain Day Trip. We will flower-spot along Titlow Hill Rd. (off Highway 299) on our way up to 4,000+ ft. elevation, where we will check what's blooming at as many sites as we can pack into the day, including Lookout Rock, Indian Butte Rd, and Cold Spring, all in Six Rivers National Forest. Small groups, face coverings, and social distancing observed. Register with Carol at 707-822-2015 or theralphs@humboldt1.com to learn details.

May 14-17, Friday-Monday. North Fork Smith Overnight Field Trip. Extraordinary botanizing in the serpentine mountains at the edge of the North Fork Smith River Botanical Area of Six Rivers National Forest awaits us. Our base camp will be at a rustic, off-the-grid, VRBO cabin 3 hrs from Eureka, with lots of room for tents. Group size may be limited for overnighting. Day trip option is possible. Register with Carol at 707-822-2015 or theralphs@humboldt1.com to learn more.

June 27, Sunday. Canoe Fire Field Trip. Seventeen years after the Canoe Fire burned through part of Humboldt Redwoods State Park, what does it look like? Retired park ecologist Steve Underwood will show us how things have changed and how they have remained the same. We will hike several miles both on and off trail as we look at the fire impacts using photos taken before, during, and after the fire. He will share the results of measurements made over the years documenting a fire's long-lasting impact on the forest. Along the way we will see many favorite understory plants, like Bleeding Heart, Queen's Cup, and Douglas Iris. Register with Carol at 707-822-2015 or theralphs@humboldt1.com to learn more.

Introducing Seawood Cape Preserve

By Jessie Bunkley

Photographs by Tim Haywood

I breathe in the smell of decay, the sweet breaking down and rebuilding of life, and feel the soft forest duff beneath my steps, quieting my movements. I ponder the memories held by those leafy fronds that once lived high in the canopy, drinking in sunlight and bathing in fog. A rhythmic bassline of waves on rock joins the calling frogs and creates a feast for the ears. The coastal forest is a magical place, a mystery unfolding leaf by leaf.



This place of beauty is known as **Seawood Cape Preserve**. Comprised of coastal scrub and forest, it is home to redwood, spruce, and fir grandmothers, who are the backbone of our community. Young red alders rise quick and fast, feeding the pine siskins and mice, and the small palmate leaves of silver lupin foreshadow a spring of purple delight. Seawood Cape Preserve is one of the newest preserves owned and operated by **The Wildlands Conservancy**. It joins twenty other properties which protect 156,000 acres of diverse habitat across California. Our mission is to protect the land and share its wonder with you, for free, forever.

Like so many places, at Seawood Cape Preserve, the delicate balance of an ancient ecosystem has been interrupted by logging, disrupted by invasive plants, and wounded by our roads, noise, and trash. Now is a time for healing. That is part of my role as a steward of this beautiful preserve, to restore the land, return balance to the ecosystem, and share my curiosity and wonder about this

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magnificent place. I am not the first human steward. That distinct honor goes to the Yurok, who cared for this region for many generations. And I am not the only steward; my colleague, Tim Haywood, has been living on the preserve for over a year, learning about and protecting its many beautiful corners. You, too, are a member of this forest community and coastal ecosystem, and we invite you to join us in exploring, healing, and enjoying this pocket of beauty.

As I walk along the moss-covered trail and listen to the bouncy call of a wren filtering through the brush, my eyes sweep the green ground. The heart-shaped leaves of western wild ginger and redwood violet peak from the organic loam. Their blooms lost to memory and waiting in expectation. Dense mats of Oregon beaked moss coat the branches of a grand fir that fell to the earth during the last storm. Prickly salmonberry and thimbleberry whisper about sweet summer banquets, and sword and polypody ferns maintain their ancient rhythm. My breath mingles with that of the Sitka spruce and white coral fungus. What magic, to be here together, enjoying this beautiful forest moment as one.

While the Preserve is not fully open to the public, we are partnering with local groups, like the North Coast California Native Plant Society, to host field trips so that our community can become acquainted with this special place. Our first step is to introduce ourselves to the Preserve's many inhabitants, to learn who is here and how we can make our home a better one. Join us in getting to know the Preserve during our first field trip, scheduled for Sunday, March 21, 2021. Please contact Carol Ralph for details.



Environmental Literacy Project

By Michael Kauffmann

The North Coast Chapter supported a Humboldt County Office of Education environmental literacy project on February 11th by providing 18 native plants and a little bit of labor to get them in the ground at Hoopa Elementary School. The planting supports environmental literacy initiatives and students in Yuko Wenzel's 7th and 8th grade classes will now have plants of traditional importance right outside their classrooms. Yuko will use the native gardens to teach students plant ecology, phenology, and traditional uses by Native Americans. She will also emphasize the names of the plants in Hoopa, Yurok, and Karuk languages. Plant list: *Achillea millefolium*, yarrow; *Ribes sanguineum v. glutinosum*; blood currant, *Iris douglasiana*, Douglas iris, *Erigonum umbellatum*; sulfur-flowered Buckwheat; *Chlorogalum pomeridianum*, waxy-leaf soap root; *Corylus cornuta*; hazelnut; *Philadelphus lewisii*; mock orange; *Perideridia kelloggii*; Kellogg's yampah; and *Diplacus aurantiacus*, orange bush monkeyflower.



Digging out the old to make way for the new! All photos by the author

Field Trip Report

Little River State Beach

January 16, 2021

by Carol Ralph

Little River State Beach is a small park at the mouth of the Little River, immediately north of Clam Beach County Park. We explored it with Katrina Henderson, who coordinates volunteer work days in this and other state parks.

The Back Dune Trail going north from the stairs opposite the north parking area took us through dunes stabilized by European Beach Grass (*Ammophila arenaria*) to prevent them blowing onto Highway 101. A mix of common herbaceous weeds and native dune perennials survived among the clumps of beach grass. The Roadbank Fern (*Polypodium calirhiza*) was surprisingly common there also, and Goldback Fern (*Pentagramma triangularis*) was on the trail cut. A scattered, young forest of Beach Pine (*Pinus contorta*), Monterey Pine (*Pinus radiata*), and Sitka Spruce (*Picea sitchensis*) was developing. The most curious thing we saw was a 2-ft-tall Beach Pine with two kinds of foliage. Some twigs had the usual, 2-needle bundles of this pine, but other twigs had single needles, looking spruce-like. Where the trail reached the river, it entered a damp, shady stand of conifers, where we admired the ruffly, flat green "tongues" of a *Peltigera* lichen. Off the trail on the river bed were zones of different grasses, including the native Dune Wild-rye (*Elymus mollis*), most looking fairly dormant.



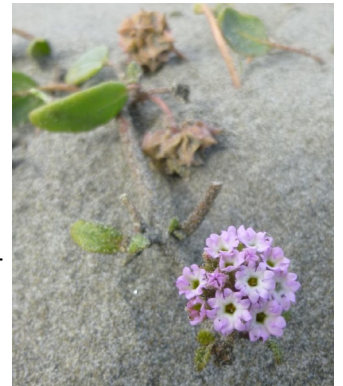
Beach Pine with two kinds of foliage among European Beach Grass

The Nearshore Dune Trail forked off from the Back Dune Trail and took us past a wetter area with beds of Slough Sedge (*Carex obnupta*) and a grove of Red Alder (*Alnus rubra*). There were also drier areas of dune plants, including nice patches of Sea Thrift (*Armeria maritima*). The alders sheltered us as we ate lunch sitting among clumps of rushes.



Studying and appreciating sand-verbena in the restoration area

Next we explored the Restoration Area. This straight-sided, large patch of land is clearly visible on Google Earth as an area of bare sand. It has been reclaimed from European Beachgrass to be the habitat Snowy Plovers like. It might look devastated to you and me, but to Snowy Plovers and sand-verbena it looks like home. Especially in the landward portion and in the hummocky area by the beach, it had been colonized by both the common Yellow Sand-verbena (*Abronia latifolia*) and the rare, Pink Sand-verbena (*Abronia umbellata* ssp. *breviflora*). We could distinguish the oblong, upright, darker, flatter leaves of the Pink Sand-verbena from the round, cupped, succulent leaves of the Yellow Sand-verbena. We were delighted to find one bloom of each species...in January! The hummocks at the back of the beach, where there was no fore-dune, were held in place by deep-rooted species like Yellow Sand-verbena and Beach-bur (*Ambrosia chamissonis*). Each hummock had a different mix of species, including plenty of Beach-primrose (*Camissoniopsis cheiranthifolia*), Beach Strawberry (*Fragaria chilensis*), Hairy Cat's-ear (*Hypochaeris radicata*), and Sea Rocket (*Cakile maritima*).



The one January bloom of Pink Sand-verbena

The restoration effort began in 2005 with bulldozers digging trenches, then pushing the European Beach Grass into them and capping that with clean sand. In 2009 more area was treated this way. The landward portion of the restoration area was not bulldozed, but dealt with by hand, to preserve the native plants there as a seed source. Hand work has been undertaken twice a year since, removing Pampas Grass (*Cortaderia jubata*), Yellow Bush Lupine (*Lupinus arboreus*), and European Beach Grass re-sprouts. In 2016 seeds of some native species were sprinkled in the dunes. The large area still barren after 15 years may look like the bulldozing was too destructive. The Snowy Plover and the Pink Sand-verbena tell us otherwise. Habitat diversity, including sand sheets, begets plant and animal diversity. Bulldozing and burial was very successful at removing the European Beach Grass, at 1/6 the cost of hand removal.

If you go to see this diversity in the dunes between March 15 and September 15, you will find part of the dunes marked off to exclude disturbance to nesting Snowy Plovers. The landward portion of the restoration area, where we found plenty of sand-verbena, is still accessible.

All photos by author

Nursery Thank You's

Our chapter's volunteer-run native plant nursery continues to be a busy, vibrant place of new plants and a growing demonstration garden! Due to Covid-19, we are currently working 3-days a week; Wednesday, Friday and Sundays with a maximum of 5 volunteers working at one time. Thanks to: Carol Ralph and Karen Isa for taking the lead on Fridays, to Barbara Reisman for taking the lead on Sundays, and to Anita Gilbride-Read for helping me by being a co-leader on Wednesday. In addition to these 4 volunteers; Brian Dorman, Joan Tippets, Laura Guldin, Kate Rowe, Nancy Brockington, Ava Briscoe, David Callow, Alexa DeJoannis, Larry Levine, Celeste Thaine, Tim Hickman, Bill Pinnix, Steve Underwood and Rebecca Zettler show up with great regularity. All the volunteers work hard to grow the plants that we sell to help raise awareness of the importance of native plants to our local birds, butterflies, and insects. In addition, these funds are raised for things such as scholarships, the yearly Wildflower Show, our almost-monthly programs, and our support of other native plant organizations, such as the yearly Northern California Botanist Symposium and the CalFlora data base as well as our page in EcoNews.

A special thanks to Barbara Reisman who aptly takes the lead when I am away. Barbara spends many additional hours puttering at the nursery and keeping me on my toes! Barbara also leads our wonderful watering team comprised of Sharon King, Sydney Carothers, and Christy Wagner. These volunteers always show up on their scheduled day to water and to monitor the nursery plants for us; thanks so much for taking on this important task!

Our chapter's native plant stand continues to be taken care of by Jessi vanFloto. Jessi regularly checks, stocks, and cleans up the plants that we put out for sale. He adds new species as plants look their best, makes up informational plant signs as needed, and helps me to post to our Facebook page by providing current information about what we have for sale on the plant stand as well as for our plant list on our website. All these sales help to pay part of our rent and utilities for the hoop-house and nursery area to the North Coast Regional Land Trust. For those of you who do not know, the plant stand is located at the Kneeland Glenn Farm Stand, Freshwater Farms Reserve, 5851 Myrtle Ave., and is open daily from 12 -6. You can purchase our plants thru the Farm Stand. If you do not find a plant that you are looking for, contact us thru our nursery email account at northcoastcnps@gmail.com.

Rebecca Zettler, whom we affectionately refer to as

“the pot lady” and whom I have thanked in the past and thank once again now, continues to come to the nursery to pick up stacks of dirty containers that we have stored outside. She takes them home, where she cleans and sterilizes these recycled pots, bringing us back clean/sterilized pots for us to re-use and to move plants up into. Rebecca's efforts have been a tremendous help as we just cannot get around, with everything else we do, to washing and sterilizing all our older dirty pots. To date, Rebecca has cleaned and sterilized, literally, thousands of containers for us, freeing us from purchasing more plastic containers. Thank you so much Rebecca for offering to do this, it is greatly appreciated! If there is anyone else out there who would like to do the same..... just let me know. We have posted information, that Rebecca provided, on our website under Gardening with her tips on how to clean and sterilize pots for re-use for those of you who wish to do this with your own plastic gardening containers.

I would also like to thank Barbara Wilkinson for all the plants that she provides to our nursery from her amazing garden. She brings in plants we cannot grow ourselves, such as *Asarum caudatum* - Wild Ginger, *Dicentra formosa* – Bleeding Heart, *Vancouveria hexandra* – Inside-Out Flower and *Viola sempervirens* – Woodland Violet, just to name a few. Thank you so much Barbara for doing this for us! It is greatly appreciated.

And lastly, a special thanks to Richard Beresford who always steps up when needed! Richard recently fixed the broken support for one of our “winter” poly tunnels in which we put plants that require less water over winter.

If you would like to help at the nursery, contact us thru our email account at northcoastcnps@gmail.com and we will add you to our nursery-only contact list. Currently we work on Wednesdays, Fridays, and Sundays from 10 -1.

Demonstration Garden News

Our demonstration garden continues to grow & is looking great. When you come to our spring plant sale, check it out. We should have our signage up by then which will help to identify plants and to enable you to see what a particular plant looks like in a garden setting. We do not have examples of all the plants planted in our demonstration garden, but we do have quite a few specimens of what we do grow.

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Plant Stand

The chapter continues to stock and maintain a plant stand of native plants that we grow for sale at the Kneeland Glen Farm Stand, located at Freshwater Farms Reserve, 5851 Myrtle Ave., Eureka. The Farm Stand is open daily from 12 – 6. We try to rotate our stock, due to space limitation, and to have plants that are in bloom and looking their best. If you cannot wait for the plant sale, come by our stand, and see what we have. We will be posting on our Facebook page the list of plants on the plant stand.. If you do not find what you are looking for, contact us at north-coastcnps@gmail.com.

Spring Plant Sale – Volunteers Needed

The spring plant sale will be here before we know it! It will be held on-site at the nursery (located at Freshwater Farms Reserve) on Saturday, May 1st, and Sunday May 2nd. We will have pre-signups for attendance via Sign-up Genius just as we did for the fall plant sale. Anita Read will be organizing our volunteers for the plant sale. Please email her at: nita.gread@gmail.com to volunteer. Volunteers are needed for Friday, Saturday, and Sunday. If you can help all day or for one shift or work multiple days, your help will be appreciated.

Friday 9 – 1ish: help is needed with setting up the plant sale: getting the pop-up canopies for cashiering and merchandise up, putting out tables and chairs, putting out all of the signage and plant signs, setting up the holding area, last minute plant clean-up, etc.

Saturday and Sunday: 8:30 am – 1 pm: We need 7-volunteers per shift. Duties including parking, greeting, 2-plant advisors, 2-helpers, and 1-tally person. Many tasks, such as tallying plant sales, tidying up plants and checking attendees in require no botanical knowledge.

Saturday and Sunday: 1pm – 5pm: We need 7-volunteers per shift. Duties including parking, greeter, 2-plant advisors, 2-helpers, and 1-tally person. Again, many tasks, such as tallying plant sales, tidying up plants and checking attendees in, require no botanical knowledge.

Sunday 4:30 until 5:30 – Help clean up from plant sale. Remove all CNPS nursery signs from plants, box and remove miscellaneous paraphernalia, debris, take down pop-up canopies, take down tables and stack, etc. Help re-organize CNPS plants.

Weed of the Week

"Weed of the Week" is brought to you courtesy of the California State Parks and will be an occasional feature

Spiderwort (*Tradescantia fluminensis*) Spiderwort is a creeping, succulent, multi-branching perennial herb that can form a dense ground cover and root freely at nodes. Spiderwort will invade disturbed areas, natural forests, riparian zones, urban areas, hummocks, and wetlands. The growth habit of spiderwort is such that it will form a dense groundcover and smother the native groundcover and seedlings. The leaves are alternate and lanceolate shaped with parallel veins that are either green or tinged with purple. Leaf blades arise from short, closed sheaths and are 2 inches long and 0.75 inches wide. Flowers are white, in small clusters at stem tips. Reproduction occurs vegetatively from stems that root at the soil surface, or by fragmentation. Humans, animals, and machinery facilitate the spread of this invasive non-native species and fragments can be dispersed by water. Once established, spiderwort is difficult to control and eradicate; because of this, report any infestation immediately. Known Spiderwort locations: Marin Garden Club Grove Group Camp, Humboldt Redwoods SP Park, Abalone Campground, Patrick's Point SP.

WHAT CAN YOU DO TO HELP?: One action to prevent the spread of Spiderwort is to properly dispose of your house plant. A detailed methodology of how to remove Spiderwort by hand or herbicide can be found here: <https://sites.google.com/site/palmgroveourimbahcreeklandcare/home/controlling-environmental-weeds/controlling-tradescantia> **Please report locations of Spiderwort within California State Parks to Michelle Forsy at michelle.forsy@parks.ca.gov or 707-677-3109.**



Spiderwort leaves. Photo by Tony Morosco (2002)

2021 California State Parks Natural Resource Management Volunteer Event Schedule

All Humboldt County events are from 9 am to 12 pm, except for events at Sinkyone Wilderness State Park and Humboldt Lagoons State Park from 10am-1pm. Volunteers receive a free day use pass to Patrick's Point State Park. Del Norte County events at Tolowa Dunes State Park are from 12pm-4pm.

Dates:

- Mar. 7 – Tolowa Dunes State Park Beachgrass Removal – Lake Earl
- Mar. 13– Trinidad State Beach Habitat Restoration
- Mar. 20 – Sinkyone Wilderness State Park Prairie Restoration (10am-1pm)
- Mar. 21 – Tolowa Dunes State Park Beachgrass Removal – Big Dune
- Mar. 27 –Humboldt Lagoons State Park Azalea Restoration (10am-1pm)
- Apr. 4 – Tolowa Dunes State Park Beachgrass Removal – Lake Earl
- Apr. 10 – Trinidad State Beach Earth Day (9am-1pm)
- Apr. 18 - Tolowa Dunes State Park Beachgrass Removal – Big Dune
- Apr. 24 - Sinkyone Wilderness State Park Prairie Restoration (10am-1pm)
- May 2 – Tolowa Dunes State Park Beachgrass Removal – Lake Earl
- May 8 – Patrick's Point State Park Habitat Restoration
- May 16 - Tolowa Dunes State Park Beachgrass Removal – Big Dune
- May 22 - Sinkyone Wilderness State Park Prairie Restoration (10am-1pm)
- Jun. 6 – Tolowa Dunes State Park Beachgrass Removal – Lake Earl
- Jun. 12 – Trinidad State Beach Habitat Restoration
- Jun. 20 - Tolowa Dunes State Park Beachgrass Removal – Big Dune

Meeting Locations and Information:

Humboldt Lagoons State Park – Western Azalea Restoration: remove competing brush around these native shrubs using hand tools. Meet at the Stagecoach Azalea trailhead off Kane Road/Big Lagoon Ranch Road. Kane Road is near Mile Marker 112 on HWY 101.

Little River State Beach- Sand dune habitat restoration removing European beachgrass and yellow bush lupin. Meet at the unpaved parking lot off the Crannell Exit from HWY 101. Head west to the beach to the first parking lot on your left. It is adjacent to the southbound HWY 101 southbound entrance.

Patrick's Point State Park- Habitat restoration to remove invasive species from the park. Ask entrance station attendant for that days' work site.

Sinkyone Wilderness State Park- Habitat restoration for coastal prairies to remove invasive species such as French broom and acacia. Meet at trailhead for Jones Beach. Carpool if possible- parking limited.

Trinidad State Beach - Habitat restoration to remove invasive species from the park. Meet at picnic area parking lot in Trinidad (just north of Trinidad School, off Stagecoach Rd.)

Tolowa Dunes State Park- Sand dune habitat restoration to remove invasive species from the park. Meet at the Lake Earl Wildlife Information Center located at 2591 Old Mill Road in Crescent City.

Questions? Contact Katrina Henderson, katrina.henderson@parks.ca.gov, (707) 677- 3109



Stop Illegal Poaching of Dudleya: Support AB 223

State and federal wildlife agents have identified a surge in *Dudleya* (also known as “liveforevers”) poaching along California coastlines. Poachers were caught stealing thousands of plants, shipping them internationally, and selling them as trendy houseplants for top dollar. Investigators now estimate that poachers have stolen several hundreds of thousands of *Dudleya* from California worth tens of millions of dollars. Asm. Member Christopher Ward of San Diego has introduced AB 223 that makes *Dudleya* poaching illegal.

Dudleya is a genus of succulents in southwestern N. America that includes 47 species and 21 subspecies.

- 26 species of those species are native to California and grow along coastal cliffs
- More than half of California’s species are ranked as rare

10 of California’s *Dudleya* are classified as threatened or endangered under the Federal and/or California Endangered Species Acts.

What you should know

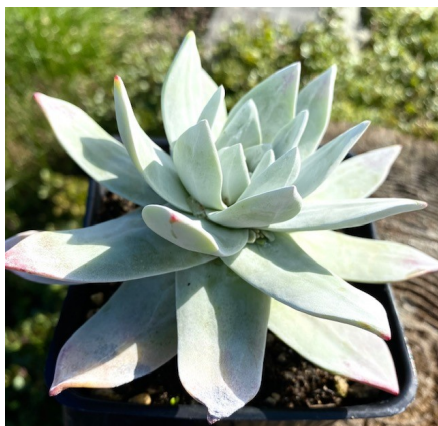
People often associate poaching with white rhinos and shark fins, but plant poaching is a serious problem that puts dozens of species at risk every year. Succulents like *Dudleya*, orchids, cacti, and carnivorous plants are regularly stolen from wildlands and sold on the black market. In some cases, 100-year-old *Dudleya* have been uprooted from California cliffs and sold for thousands of dollars only to die within a year.

Why Assembly Bill 223?

Today, state law enforcement officials and district attorneys must rely upon a non-specific section of the penal code to prosecute *Dudleya* poachers. To date, officials have gotten lucky in that they have been able to try cases due to the presence of criminal conspiracies. Without a criminal conspiracy, the penalty for *Dudleya* poaching would be extremely low and may limit prosecution. Asm. Member Christopher Ward (D-San Diego) has introduced AB 223 to close this gap. Encourage your representatives to support this bill.

- AB 223 give law enforcement officials and district attorneys the tools necessary for prosecution and enforces penalties that are large enough to deter poachers.
- AB 223 makes it explicitly unlawful to steal and sell *Dudleya* taken from state, local, or private lands, and establishing strong penalties for violations.

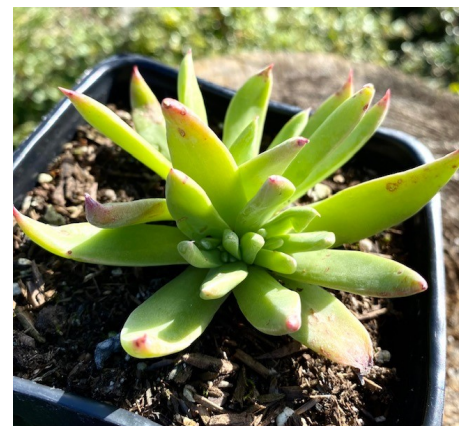
Article reprinted by permission from CNPS state website. A limited number will be available for sale at our spring plant sale.



Dudleya farinosa



Dudleya cymosa



Dudleya lanceolata

All photos by Sharon King

MEMBERS' CORNER

THANK YOU NEW MEMBERS

Paul Barth
Emily Budesa
Dan Cooper
Angela Darrah
Caitlin Davis
Graeme Fisher
Mitchell Gass
Martha Griswold
Alexander Hart
Liesel Kangas
Maria Krenek
Andrea Martinez
Steph Morian
Kathy O'Leary
Jason Roberts
Sagried Slater
Susan Wells
Janet Wolcott

THANK YOU RENEWING MEMBERS

Jim Bauml
Joan Carpenter
Gabe Cashman
Adrienne Edwards
David Garcia
Lee House
Jennifer Kalt
Larry Levine
Elizabeth McGee-Houghton
George Miller
William Rodstrom
Sandra Waters
Beverly Zeman
Elaine Allison
Dora Astacio
Gail Baker
Gary Balcerak
James Baskin
Jane Bothwell
Mary Boudreaux
David Callow
Susan Campbell
Adam Canter
Jane Cipra
Donna Clark
Steve Conger
E. M. Dallenbach
John DeMartini
Jan Dobak
Connie Doyle
Sharon Edell
Janelle Egger
Kaylea Eickhoff
Kimberly Eierman
Nada Ferris
Mara Galvez

Pete Haggard
Sarah Hirsch
Susan Hubbard
David Imper
Chris Jenican-Beresford
Gail Kenny
Lucy Kerhoulas
Gura Lashlee
David Leaberry
Cheryl Lisin
Anne Lotz
Lynne Lyle
Malama Macneil
Sharon McCarrell
Delia McGrath
Kale McNeill
Robert Melendez
Audrey Miller
Wanda Naylor
John Nicklas
Tom Pratum
Mark Pringle
Saelon Renkes
Jennifer Riddell
Peter Ryan
Diane Ryerson
Jean Schlesinger
Monica Scholey
Kay Sennott
Bradley Thompson
Carl Tuck
Joe Tyburczy
Melissa Van Scoyoc
Nezzie Wade
Cindy Watter
Katherine White
Carol Woods
Lost Foods Native Plant Nursery

MEMBERSHIP BENEFITS

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

- * 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.

STEERING COMMITTEE MEMBERS/CONTACTS

President	Carol Ralph	707-822-2015	theralphs@humboldt1.com
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Secretary	Marisa St John	707-601-0898	upperredwoodcreek@gmail.com
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Native Plant Consultation	Melanie Johnson	707-502-8856	mjokega@reninet.com
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Education	Position Open		
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Programs	Position open		
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Wildflower Show	Carol Ralph		Contact President Carol Ralph
Chapter Council Delegate	Larry Levine	707-822-7190	levinel@northcoast.com
NEC CNPS Representative	Joan Tippetts	415-283-9198	jtippetts@yahoo.co.uk
County Land Use Lead	Marisa St John	707-601-0898	upperredwoodcreek@gmail.com

COMMUNICATIONS

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

Issue	Submission Date	Print Date	Announce Events In
Winter	November 15	December 1	Dec, Jan, Feb
Spring	February 15	March 1	Mar, Apr, May
Summer	May 15	June 1	June, Jul, Aug
Fall	August 15	September 1	Sept, Oct, Nov

E-mail newsletter articles, factoids, tidbits, etc. to the Newsletter Editor by the submission date.

Articles should generally be no more than 1,000 words and images can be any size and in these formats: JPG, JPEG, BMP, GIF, or PNG (note preferred location in the article and send image as a separate attachment).

- The **Darlingtonia Newsletter** (quarterly),
- Our **chapter's website**: www.northcoastcnps.org
- **E-mail lists/forums** To subscribe, please contact Carol Ralph: theralphs@humboldt1
- **Like us on 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 Chelsea at nec@yournec.org

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.

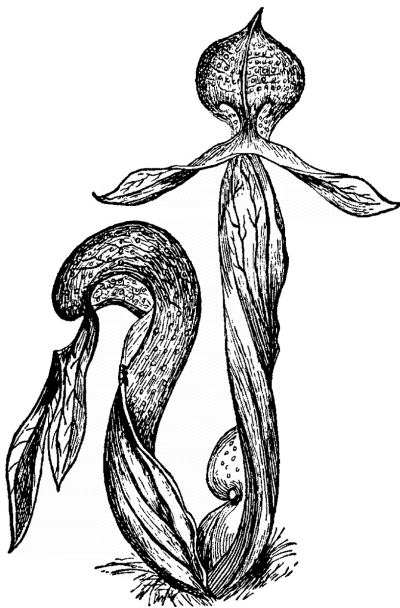
Contact our coordinator Melanie Johnson at (707) 502-8856 or mjokega@reninet.com to put you in touch with volunteer consultants who will arrange a visit to look at what you have and help choose suitable plants for your garden.

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

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CHANGE SERVICE REQUESTED

Darlingtonia



Visit us at
northcoastcnps.org

CALENDAR OF EVENTS

March

- ◆ 10 Evening program
- ◆ 21 Evening program

April

- ◆ 14 Evening program
- ◆ 18 Field trip
- ◆ 21 Evening program

May

- ◆ 12 Evening program
- ◆ 14-17 Camping weekend

June

- ◆ 27 Field trip