General Meeting:

“Paleo-ethnobotanical Remains and Plant Use along the South Central Oregon Coast”

With Theresa Molino on April 17, 2018 at 7:30PM

Abstract: This presentation offers findings of paleo-ethnobotanical (PEB) research undertaken to explore the kinds of plant remains found with subsistence sites along coastal shores and estuary shorelines. Previous research of fishing weir systems, lithic technologies and faunal subsistence practices on the south central Oregon coast indicate a deep history of riverine place building and land use by the indigenous people of the area. The data indicate significant macrobotanical difference in richness and diversity between natural and cultural sediment stratigraphy, as well as showing a diversity of the types of botanicals being utilized by past peoples. Sample size test units that correlate with fish and faunal harvesting sites reveal that people were using plants that were not necessarily within arms’ reach of the riverine shoreline. They were also bringing food and flavor, creating tools, engaging in leisure time, and possibly ritual activities. In essence, the paleo-ethnobotanical remains allows us a better understanding of the past social lives of people engaged in harvesting fish and other animals along coastal and estuary shorelines.

About the Speaker: Theresa Molino is currently a full-time instructor at Santa Rosa Junior College in the Department of Behavioral Sciences, Anthropology, and the director of the Jesse Peter Museum. She teaches a broad range of subjects, including Native American Art and Culture, Mesoamerican Origins, and Introduction to Biological Anthropology. A 2003 alumna of SRJC, she was accepted into the University of California, Berkeley for both her undergraduate degree in Anthropology, as well as her graduate doctoral studies. Her dissertation and research focuses on complex hunter-gatherer societies, using paleo-ethnobotanical remains to explore the social dimensions of subsistence practices. Paleo-ethnobotanical research collaborations include materials from archaeological sites in California, Oregon, and Japan.

Join us for Dinner before the March Meeting: We’ll gather for dinner at 6 pm at Kirin Restaurant, 2700 Yulupa Ave. We hope our speaker will join us, but we always have an enjoyable group of fellow members and a delicious Northern Chinese meal in any case. Please contact Liz Parsons at 833-2063 or lizpar8993@aol.com by April 16th, if you plan to attend.
Chapter News

Third Annual Eco-Friendly Garden Tour

 Reserve This Date:
 May 5, 2018

Once again our Milo Baker Chapter of CNPS is partnering with the Sonoma County Water Agency for the third annual Eco-Friendly Garden Tour, sponsored by the Sonoma-Marin Saving Water Partnership.

We’ll have five attractive and fascinating CNPS member gardens in the Santa Rosa area featuring landscapes with an emphasis on California’s diverse native flora, many with water saving features. Our CNPS tour gardens will be staffed with knowledgeable and helpful greeters/guides, horticulturalists to answer your questions. Plants will be labeled to help you identify those you may want to try in your own garden and informational guides to using our own Milo Baker website plant inventory will be available.

There will be a Milo Baker Chapter plant sale at the Laguna Foundation garden tour site along with an exhibit of examples of books and articles to guide you through developing your own native plant landscaping project.

Other gardens included in the Eco-Friendly garden tour will emphasize permaculture, rain water harvesting and bioretention. Tour participants are invited to meet on the morning of the tour at the new Sustainable Education Garden located at Santa Rosa City Hall for a short tour of that garden.

The tour is free but registration is required at: www.savingwaterpartnership.org/eco-friendly-garden-tour. We still need volunteers to assist with the CNPS gardens. To volunteer please contact: Sandy Martensen, martselb@sonic.net.

Virginia Hotz-Steenhoven

Welcome Susan Dean to the Board!

The Milo Baker Chapter is pleased to welcome Susan Dean to the board as our Membership Chair. Susan was confirmed as a board member at the July 2017 board meeting and since then has been sending out the newsletters following Jim Piercy’s directions, and, after the fire, emails about the changes of plans.

Introducing young people to the outside is something Susan has long enjoyed. When living in Benicia, there were teachers whom she provided monarch caterpillars or chrysalis for classrooms. Susan was a docent for a program to show school children the shoreline life at Benicia State Recreation Area. She has an MBA and was the treasurer of the Willis L. Jepson Chapter of CNPS for its first eight years, when she moved to the state of Washington. Susan and her husband moved to Sebastopol from Washington on a permanent, full time basis in September, 2016 and joined the Milo Baker Chapter. Susan also enjoys working with the Outreach and Education Committee.

Invasive Plant Corner

Broom Announcement

French broom (Genista monspessulana), Spanish broom (Spartia junceum) and Scotch Broom (Cytisus scoparius) are invasive plants throughout much of California, including Sonoma County. These species are problematic because they have high levels of volatile oils making it highly flammable, they choke out native plants and do not serve as a source of food for native wildlife.

We have reports of broom seedlings coming up in masses on properties that have burned. Some ways to combat the spread of this plant is to hand pull when young and during the moist season or to remove using a hula hoe. Once these plants mature, a weed wrench is required to pull out their deep tap root. If you cannot remove mature plants, remove flowers before they form seeds.

To get help learning how to effectively remove broom yourself or for more information, visit http://www.cnps.org/cnps/conservation/exotics-broom.php
Education and Outreach

Our Milo Baker Education and Outreach Committee is gearing up again for another even more active year of continuing interactive outreach exhibits at Sonoma County Community Events. While we always offer exhibits on the benefits of landscaping with the amazing array of local California native plants we're also offering a very special exhibit on Sonoma County Oaks and their complex ecology and a reprise of our very successful "Seeds, How do they get to where they grow" exhibit from the 2017 Sonoma County Science Discovery Day.

One of the major satisfactions of researching and presenting these interactive exhibits is the involvement and sometimes surprise of visitors and their wonder at the world of the plants around them. We also enjoy the learning process for ourselves and always come away with a new perspective on the world of botany, plant ecology and the interrelationship of all living things. If you enjoy interaction with the public and with all ages please let us know if you'd like to volunteer. It is always a stimulating and energizing experience.

We always need volunteers to help staff these exhibits and appreciate the time many of our chapter members have contributed. Staffing usually consists of 2 hour shifts of 2-3 people per shift. We always need help loading and unloading the materials from our storage shed and at the various sites.

Please contact our Education/Outreach Committee Co-chairs, Lea Davis or Virginia Hotz-Steenhoven to sign up for these fun events. Don't worry about being an expert, we will provide informational materials; most of the exhibits are self-explanatory. We welcome your enthusiasm and interest in California's diverse flora and natural history. Come share it with others!

✉ Virginia Hotz-Steenhoven and Lea Davis legil@sbcglobal.net; vsteen@sonic.net
Co-Chairs of the Education and Outreach Committee

2018 Exhibit Table Schedule:
1) Dia del Nino (Day of the Child) and Laguna Foundation Open House;
   Sunday, April 29th, 12 noon to 4pm
   Theme: Seed Dispersal Exhibit
   Two hour shifts of 2 people each plus help loading and unloading.

2) The Eco-Friendly Garden Tour and CNPS Spring Plant Sale
   Laguna Foundation's Heron Hall; Saturday, May 5th, 9am to 4pm
   Theme: Landscaping with California native plants
   Two hour shifts of 2 people per shift plus help loading and unloading.

3) Day Under the Oaks Community Fair
   Santa Rosa Junior College, Sunday, May 6th at 9am to 4pm
   Theme: Sonoma County Oaks and Oak Ecology
   Two hour shifts of 2 people per shift plus help with loading and unloading.

4) Mini North Bay Science Discovery Day
   Sonoma Marin Fair in Petaluma; Wednesday, June 20th (Kids Day), 12pm to 7pm
   Theme: Sonoma County Oaks and Oak Ecology
   Two hour shifts of 2 people per shift.

5) Optics and Nature Fair
   Sonoma Barracks in Sonoma Saturday, September 8th, 9-4pm
   Theme: Benefits of landscaping with California native plants and October 13th plant sale
   Two hour shifts of two people per shift

6) Milo Baker Plant Sale
   Location to be announced Saturday, October 13th, 9am to 2pm
   Theme: Landscaping with California native plants 1 or 2 people per 2 hour shift.

7) North Bay Science Discovery Day
   Sonoma County Fairgrounds in Santa Rosa Saturday October 27th 9am to 4pm
   Theme: Sonoma County Oaks and Oak Ecology
   3 people per two hour shifts. Free parking is included. This is our largest event with several thousand visitors attending the all-day science day. It is aimed at 3rd through 8th grade science students, their teachers and families. It is free to the public.
Events

Sugarloaf Ridge State Park:
Fire Recovery Fieldtrip

Sunday, April 8, 2018 Note Date Change!
9:30am - 1:30pm
Leader: Ann Howald, botanist

We will visit areas of the park that burned in our October wildfires with an emphasis on recovery of trees and shrubs that burned and to look for wildflowers, possibly ones that follow fires and have not been seen for decades. Moderate hike with some gentle elevation increases.

Meet to carpool at the east end of the Park & Ride under Highway 12, across from the Vets' Hall and SC Fairgrounds. If meeting us at the park, park in the main lot just past the entrance kiosk. Bring water, bag lunch, hat, sunscreen. Rain cancels, call Betty with questions 595-1463, cell 695-4257 youngb0721@msn.com. $7 Senior entry fee unless you have an Annual Pass.

Healdsburg Ridge Open Space Preserve

Wednesday April 11, 2018
9:30am – 1pm (meet at 8:45 to carpool)
Leader: Kate Symonds, retired US Fish and Wildlife Service botanist

The 155-acre Healdsburg Ridge Open Space Preserve is owned and managed by the City of Healdsburg. We'll walk a 3-mile loop trail that will take us through a wide variety of natural communities including wetlands, oak woodlands, serpentine grassland, chaparral, and open grasslands. We’ll also take in vistas of Fitch Mountain, the Russian River and the Mayacama Mountains. Easy to moderate walking.

Meet at carpool at the east end of the Park & Ride under Highway 12, across from the Vets’ Hall and SC Fairgrounds. If at the trailhead at the end of Bridle and Arabian Way off of Parkland Farms Blvd, at the north end of Healdsburg.

Shiloh Regional Park:
Fire Recovery Fieldtrip

Sunday, April 15, 2018 (Postponed from 3/31)
10am – 2pm (meet at 9:15AM to carpool)
Leader: Betsy Livingstone, chapter member and amateur botanist

CNPS members only. RSVP required, see below

Shiloh Ranch Regional Park is a gem. Not over-developed, its trails take you away from the noise and bustle of town. This is a moderate hike through a variety of plant communities. We’ll take a narrow and uneven trail alongside the shady creek, emerging beside a sunny pond. After crossing a grassy hillside and heading uphill on an easy fire road to the top of the ridge, we'll follow the fire road along the ridge line through sun and shade back down to the parking lot. We'll check on the huge, ancient, beloved big leaf maple, as well as the oaks' and other trees' recovery from fire. We'll see what's popping up, and keep an eye out for post-fire surprises. Flowers we’re likely to see include checker lilies, trilliums, sun cups, irises, star lilies (aka death camas), chaparral pea, and many more! Opportunities abound for spotting birds and other wildlife.

Meet at 9:15am at the east end of the Park and Ride under Hwy 12 (across from Fairgrounds, Santa Rosa). If meeting at Shiloh Regional Park, there is a parking fee of $7 or use your Sonoma County Regional Park pass.

Bring hat, water, and appropriate clothing for the weather, a brown bag lunch to share along the way. Chocolate, hand lens, binoculars, camera, ID books are optional.

CNPS members only, due to Regional Park rules 24 people maximum. RSVP to Betty Young, youngb0721@msn.com
Jenner Headlands: coastal and serpentine grassland, shrubs, wildflowers, and grasses

Saturday, April 21, 2018
9am – 3:30pm (meet at 8am to carpool)
Leader: Peter Warner, plant ecologist & botanist

Meet at the new Jenner Headlands parking area on Hwy. 1, a right turn about 2 mi. N of Jenner (1 mile S of Russian Gulch beach entrance). Please be on time, as the gate will be locked by 9:15 a.m. Prepare for wind, sun, and rough ground, perhaps wet in some places; heavy rain will cancel walk. Bring plenty of water; cameras, field guides, binoculars optional. The CNPS-Milo Baker website has a Jenner Headlands plant list you can download to print.

This moderately strenuous (4.5-5 miles; 1000’ total elevation gain) walk will take us from the lower coastal terrace upslope through coastal grassland, then into serpentine grassland, then returning more or less along the same route, with numerous stops to explore various habitats. We’ll see a wide diversity of native coastal forbs and grasses, including some serpentine endemics, and if we have time, we’ll take a short walk into a redwood forest in Jenner Gulch. We can hope for a crystal clear day and a magnificent view south from the Headlands.

Please call Peter for further information: (707) 666-9071 (home) or (707) 235-2713 on the day of the walk.

Meet to carpool at the east end of the Park & Ride under Highway 12, across from the Vets’ Hall and SC Fairgrounds. If you would like to carpool from Sebastopol, or are meeting us in Jenner, call Betty to arrange. The Jenner Headlands parking lot is 1.5 miles north of Jenner on the east side (right hand side as you drive north) of Hwy 1.

Future trips to put on your calendar:

May 5, Eco-Friendly Garden Tour, 10am – 4pm
May 10, Pepperwood Preserve, 10am – 12:30pm
May 19, Annadel Fire Ecology, 10am – 1pm
June 9, Audubon Canyon Ranch, Marin Griffin Preserve, time TBA

Chapter Support

Help our Milo Baker Chapter raise funds by shopping at local stores!

Our Milo Baker Chapter is now a part of the eScrip program! eScrip is a program where merchants donate a percentage (usually 3%) of your purchase to local schools and non profit organizations. You can shop at the local stores and they’ll donate a percentage to the Milo Baker Chapter. All you have to do is register and shop. It doesn't cost you anything additional. To register: go to escrip.com, choose "Milo Baker-CA Native Plant Society" and complete the enrollment steps. This is an easy way to help support our chapter!

Follow us on Facebook!

We will be posting updates about field trips, events, volunteer opportunities, and other important information there. It's a good place to get up to date information about what's going on with the Milo Baker Chapter. Find us at:
https://www.facebook.com/CNPSMiloBaker
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Pitkin lily

**Newsletter & Web Site Info:**

Send newsletter submissions to:
Editor, cnpsmbnewsletter@yahoo.com
Deadline for inclusion in the May Newsletter is April 15th.
The chapter web site milobaker.cnps.org contains a wealth of information plus current and archived newsletters.
For newsletter mailing/membership issues, contact: cnpsmbmembership@gmail.com

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### Milo Baker Chapter Officers & Board of Directors 2017/2018

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<thead>
<tr>
<th>Position</th>
<th>Name</th>
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<tr>
<td>President</td>
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### We invite you to join CNPS

Name__________________________________________
Address_______________________________________
City/Zip______________________________________
Phone________________________________________
Email________________________________________

**Chapter affiliation:**
- ☐ Milo Baker (Sonoma County)
- ☐ Other county ______________________

**Membership category:**
- ☐ Student or Limited Income . . . . . . . . . . . . . . . $25
- ☐ Individual . . . . . . . . . . . . . . . . . . . . . . . . . . . $45
- ☐ Family, Group or Library . . . . . . . . . . . . . . . . . $75
- ☐ Plant Lover . . . . . . . . . . . . . . . . . . . . . . . . . . . $100
- ☐ Patron . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $300
- ☐ Benefactor . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $600
- ☐ Mariposa Lily . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1500
- ☐ New Member  ☐ Renewal

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