

# BOTANICAL LEAFLETS

ISSUE 6      FALL 2010



## PRESIDENT'S MESSAGE

It is fall and we are all finishing our summer field work. This was a very mild summer, not too hot, with snow lasting well into July in the high country. So, the flowering season in the mountains was later than usual.

My younger son has spent this last year going to graduate school in theatre at Birmingham City University in Birmingham, England. My husband and I went to visit him this summer. We were

able to visit Kew Gardens on the west side of London and a wonderful oak forest in Stratford-Upon-Avon. We also visited Sweden since we are half Swedish. The forests in southern Sweden have currents, wild strawberries, and blueberries underneath a canopy of birch, spruce, pine and ash which reminded me of the forests in northern Minnesota. We were also able to visit the home and garden of Carolus Linnaeus in Upp-

sala. That was fantastic!

We are busy planning our 2011 Symposium which will be January 10 and 11, 2011 at California State University, Chico. See details within the newsletter about the symposium. We plan to have workshops on January 12 as well.

Have a great fall with your many vast botanical adventures.

**Linnea Hanson**

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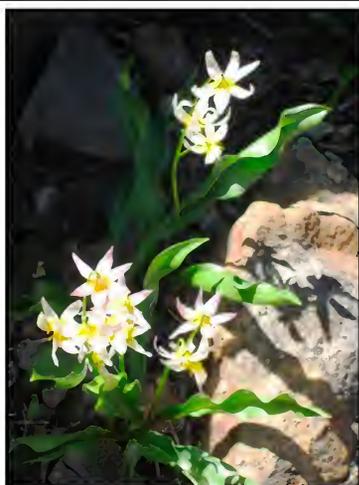
Joe Silveira

Karen Wiese - Newsletter

Mike Williams

## CNPS CONFERENCE "CONSERVING AND RESTORING THE ROOTS OF CALIFORNIA'S RICHNESS" IN SAN DIEGO, JANUARY 2012

Northern California Botanists will **not** be hosting a symposium during the year 2012 because the California Native Plant Society will be having a conference January 12-14, 2012 in San Diego, CA. Please visit us at our NCB booth! NCB will be back in Chico in 2013 for our fifth symposium.



## MYSTERY PLANT?

Can you identify this plant that is found in open forests, meadows, and rocky places from 4000-8000 feet in the Cascade Range and north and central Sierra Nevada?? The plant is 7-25 cm (3-10 inches) tall. (Answer on Page 3)

*Photo by Deb Carlisle*

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## NORTHERN CALIFORNIA BOTANISTS 2011 SYMPOSIUM “NORTHERN CALIFORNIA PLANT LIFE – WONDER, DISCOVERY, CONCERN”

We invite you to join us January 10-11, 2011 for the 4th annual botanical symposium hosted by Northern California Botanists. It will be held in the Bell Memorial Union on the campus of California State University in Chico. Workshops will be held on Wednesday 12 January. The symposium planning committee is busy finalizing details. A 2-day schedule of presentations by working botanists from around the North State will provide updates and perspectives on fire ecology, lichens, reproductive ecology, Jepson Manual changes, new discoveries, rare plant management, and climate change, all emphasizing the northern part of California. The symposium planning committee decided to solicit people to put together complete sessions for the symposium for

the first time. There are four of these sessions during our next symposium: Managing Rare Plants on Public Lands with Kyle Merriam, Pollination Biology of Common Plants in Northern California with Rob Schlising, Using Fire to Restore Ecosystem Health with Alison Stanton, and Four Aspects of California Lichenology with Tom Carlberg. We also have three sessions for which speakers were solicited: Climate Change: Plants on the Edge, New Discoveries, and Field Implications for The Jepson Manual Changes.

From the feedback we received from the last symposium, many people thought the first day was too long. So, the poster session has been moved into the slot of the last speaker session on the first day. That way we can all enjoy the posters with the presenters present and have the

reception earlier. At the beginning of the poster session, Tom Parker from San Francisco State University will be the plenary speaker, discussing the Presidio manzanita. His talk is bound to generate some good conversation during the poster session and reception.

After our reception and dinner our keynote speaker this year will be Bob Patterson, also from San Francisco State University, who will be speaking on the plant family Polemoniaceae.

Our 2011 symposium has been more of a larger group effort from people within Northern California Botanists which is exciting. It looks like it will be a great symposium. For more information, check out our website [www.norcalbotanists.org/](http://www.norcalbotanists.org/)

### Keynote Speaker Bob Patterson to Speak on the Phlox Family at NCB Conference

Bob Patterson's presentation "A Tale of Two Trees: The History (Natural and Otherwise) of the Phlox Family" will be a tour through the *Phlox* family, its role in the study of plant evolution, and the botanists who have studied it over the past several centuries.

Quintessentially Californian, the *Phlox* family (Polemoniaceae) occurs throughout the state and in nearly

every plant community. It forms a conspicuous component of the spring and summer floras, often forming showy displays. Extensive variation in floral shape, color, and pattern relates to an array of pollination modes. The family has also been the subject of numerous research programs studying speciation, polyploid evolution, population biology, and reproductive biology. Some of the best known evolutionary biologists have

used the family to explore and elucidate their ideas.

Bob Patterson is a native Californian who began studying Polemoniaceae as an undergraduate. He completed his Ph.D. at UCSB studying polyploid evolution in the perennial *Linanthus* species. He has been a professor of Biology at San Francisco State University since 1979.

### SYMPOSIUM CONCLUDES WITH A WORKSHOP AND FIELD TRIPS

On Wednesday, January 12 three workshops will be available for attendance. The first workshop is a repeat of the popular "Regulatory Framework" held last year and taught by our very own Samantha

Hillaire, consulting botanist. Andrew Conlin, Natural Resources Conservation Service Soil Scientist, will guide a field trip in Bidwell Park. Andrew will discuss local soils, geology, geomorphology, and vegetation.

Exploring for lichens will be the theme of a second field trip. Details are still being planned but promises to be exciting. Check our webpage for details in the next few weeks.

## STIPENDS (\$200) FOR COLLEGE STUDENTS ATTENDING 2011

Northern California Botanists will provide a number of stipends to help cover expenses of travel, lodging, meals, and registration for current college students who wish to attend the NCB symposium in January 2011.

More information and the application form will be updated on our webpage in the next few weeks.

Requirements:

- 1) Must be a current college student,
- 2) Must provide evidence on application form of interest or involvement in plant sciences, and
- 3) Must register for the NCB symposium by 15 December 2010.

For questions, please contact Daria Snider at [dsnider@ecorpc consulting.com](mailto:dsnider@ecorpc consulting.com). Applications must be received by 15 December 2010 and should be emailed to Daria Snider at the above email address. Applicants awarded stipends will be notified by email in late December. The check for \$200 can be picked up at the registration desk at the conference in January.

## DEDICATED, SCHEDULED POSTER SESSION – GET INVOLVED!

The NCB symposium planning committee invites you to bring a poster to share your work and knowledge of the biology, ecology, conservation or management of our Northern California plant life with others.

A late-afternoon session on Monday, January 10 has been specially set aside as a dedicated, scheduled poster session. Poster authors are requested to be present with their posters during this 1-to-2hr period. **DEADLINE FOR POSTER ABSTRACT SUBMISSION:** December 1, 2010.

Additional information can be found on the website:

[www.norcalbotanists.org/symposia\\_callforposters.htm](http://www.norcalbotanists.org/symposia_callforposters.htm)

Contact Barb Castro for more details at [barbcastro@hotmail.com](mailto:barbcastro@hotmail.com) or (530) 894-7160

## A GREENER NCB SYMPOSIUM!

Symposium organizers are striving to make the next symposium a “greener” event by working with the university and participants. This year we will provide more lodging options with reduced rates that are close to campus or ones that provide shuttles. NCB will also be providing stainless steel water bottles for each participant.

What you can do:

- Bring your NCB tote bag from last year to reduce waste and show your support for NCB.
- Bring your own hot beverage mug.
- Print only what you need prior to travelling. Programs will be provided.
- Recycle your waste bottles, cans and paper. Receptacles will be available.
- Carpool!
- Choose lodging close to the venue.

## 2011-2012 STUDENT RESEARCH SCHOLARSHIP AWARDS

Northern California Botanists provide competitive botany and plant ecology research scholarships to undergraduate and graduate students from north-

ern California colleges and universities.

Applications for the 2011-2012 school year will be posted on our website in November and are due in March.

A flyer will also be available for posting. Please help get the word out by letting botany and plant ecology students and faculty know of this opportunity.



NORTHERN CALIFORNIA  
BOTANISTS

c/o Chico State Herbarium  
California State University Chico  
Chico, CA 95929-0555

NCB 2011 SYMPOSIUM  
AT CSU CHICO  
JANUARY 10-12, 2011

WWW.NORCALBOTANISTS.ORG

## MEMBERSHIP APPLICATION

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_

### MEMBERSHIP DUES:

\_\_\_\_\_ Individual \$25.00      \_\_\_\_\_ Student/Limited Income \$15.00

\_\_\_\_\_ Family or Small Business/Non-Profit (two memberships) \$40.00

In addition, I would like to donate \$\_\_\_\_\_ to Northern California Botanists to help fund NCB programs and student research scholarships.

Make checks payable to "Northern California Botanists" and mail to:

Northern California Botanists  
c/o Chico State Herbarium  
California State University, Chico  
Chico, CA 95929-0555

NCB is a federally recognized 501 (c) (3) non-profit organization. Membership dues are tax deductible.



MEMBERSHIP AND  
DONATIONS ALSO  
ACCEPTED ONLINE AT  
WWW.NORCALBOTANISTS.ORG



E-mail:  
[ncbotanists@gmail.com](mailto:ncbotanists@gmail.com)