



# NEWSLETTER

Vol. 40, No. 3

APRIL 2014

## NORTHERN NEVADA HAPPENINGS

### MEETINGS

#### NOTE NEW MEETING PLACE

We meet down the hall from the UNR herbarium in room 300G of Fleischman Agriculture, at the University of Nevada. This is just north of the intersection of 9th St. and Evans Ave. The elevator is located at the east end of the building. You can park just east of this in the lot on the southeast corner of Evans and Record Way. Social time starts at 7 pm and the program will start at 7:30 pm. If you would like to join any of the speakers for dinner beforehand, meet at Carrow's Restaurant on the northwest corner of Wells Avenue and 6th St. at 5:30 pm.

**APRIL 3th - Kara Moore**, U.C. Davis, will give a presentation on *Reproductive biology, species interactions, and long term monitoring of rare plants at Ash Meadows*.

#### 2014 Field Trips

It is suggested that you check the website before the dates of scheduled field trips to see if changes and updates have been posted. We have several dates open if a member wishes to schedule additional field trips. Please contact John Weiser at [johnpweiser@yahoo.com](mailto:johnpweiser@yahoo.com) or 775-331-4485 if you should have any questions.

Bring plenty of water, lunch, hiking gear, appropriate clothing, wide brimmed hat, sunscreen and insect repellent.

April 12th Washoe Lake and surrounding area. Leader will be Charlene Duncan. Charlene will scout the area for the best early spring show. Call or Email Charlene Duncan [thistledown@sbcglobal.net](mailto:thistledown@sbcglobal.net).

May 2nd-4th Overnight trip to Big Smoky Valley.

The leader for this trip will be John Dyer. Big Smoky Valley is located in central Nevada. The valley is about one hundred miles long and stretches through Esmeralda, Nye, and Lander counties. Our destination is toward the southern end of the valley about a 4.5 hour drive from the Carson City/Reno area, a distance of 240 miles. Call or Email [John.Dyer@Kinross.com](mailto:John.Dyer@Kinross.com) or [moondog@gbis.com](mailto:moondog@gbis.com), Ph# office 775-377-3250, cell 775-313-4061, cell 775-420-2197

May 9th – 11th Cactus and Succulent Expedition to the Tonopah and Silver Springs areas. We hope to see *Cylindropuntia echinocarpa*, *Cylindropuntia ramosissima*, *Echinocereus coccineus*, *Echinocereus engelmannii*, *Escobaria vivipara*, *Opuntia basilaris*, *Opuntia erinacea*, *Grusonia pulchella*, and *Yucca brevifolia*.

Janel Johnson and Sarah Kulpa will be our leaders for this trip. Email Janel at [president@nvnp.org](mailto:president@nvnp.org) or Sarah at [smkulpa@gmail.com](mailto:smkulpa@gmail.com).

May 16th-18th American Penstemon Society Meeting in Zion, UT. It is still possible to schedule a trip during this week end.

May 24th Geiger Grade /Six Mile Canyon Our leader will be Gary Monroe Call or Email 775-359-4863 [g.monroe@att.net](mailto:g.monroe@att.net)

May 31st Open at this time.

June 7th Long Valley Treasure Hunt. Our leaders are Nancy and Bill Harnach Call or Email 530-994-3464 [billh@psln.com](mailto:billh@psln.com)

June 14th Sage Hen Creek/Mason Bog Our leader will be Tom Schuster. Call or Email 690-2953 [tom-mail@sbcglobal.net](mailto:tom-mail@sbcglobal.net)

June 20th-22nd Eriogonum Society Meeting, Twin Falls, ID It is still possible to schedule a trip during this week end.

June 28th Madora Lake, Plumas County, CA. Our leader will be Gary Monroe. Call or Email 775-359-4863 [g.monroe@att.net](mailto:g.monroe@att.net)

July 5th Open at this time.

July 12th Grass Lake Meadow, El Dorado County, Ca. Our leader will be Tom Schuster. Call or Email 690-2953 [tom-mail@sbcglobal.net](mailto:tom-mail@sbcglobal.net)

July 19th Castle Peak, Nevada County, Ca. Our leader will be Tom Schuster. Call or Email 690-2953 [tom-mail@sbcglobal.net](mailto:tom-mail@sbcglobal.net)

July 26th Open at this time.

Aug 2nd Open at this time.

Aug 9th Slide Mountain, Washoe County, NV. Our leader will be John Weiser Call or Email 775-331-4485 [johnpweiser@yahoo.com](mailto:johnpweiser@yahoo.com)

Aug 16th Little Washoe Lake mud flats. Our Leader will be Charlene Duncan [thistledown@sbcglobal.net](mailto:thistledown@sbcglobal.net)

## SOUTHERN NEVADA HAPPENINGS

### MEETINGS

Meetings are on the first Monday of every month starting at 6:30 pm. They are held at the U.S. Geological Survey office at 160 N. Stephanie Street in Henderson. Contact Matt Hamilton (702) 468-2251 if you have any questions or would like to be added to the notification by email list, [mojave0827@aol.com](mailto:mojave0827@aol.com)

**APRIL 7th - Dan Shryock** with the USGS will be presenting "*Demography and population viability of **Pediocactus bradyi**, an endangered cactus of the Colorado Plateau, in a changing climate.*"

## 2014 NEVADA RARE PLANT WORKSHOP

The 2014 Nevada Rare Plant Workshop will be held in Reno all day on Thursday the 3rd of April and the first half of Friday the 4th of April. As always, THE AGENDA SHAPE AND SIZE WILL DEPEND HEAVILY ON YOUR CONTRIBUTIONS AND SUGGESTIONS.

If you plan on attending please contact Jim Morefield [jdmore@heritage.nv.gov 775-684-2902] ASAP with the following information:

Topic(s) you wish to present to the group (~20 min. unless otherwise requested). Please follow up ASAP with an abstract. Names/topics of other presenters you would like to suggest. New or previously considered plant taxa in need of review by the group (and the issues needing review).\*

## 2014 MARGARET WILLIAMS RESEARCH GRANT RECIPIENTS

Congratulations to this year's recipients of the NNPS Margaret Williams Research Grant!

Sarah Barga, a Ph.D. student at the University of Nevada, Reno, was awarded a grant to support her research on Germination Ecology of Great Basin forbs. As described in her proposal, "The objective of this project is to understand which native forbs will be most effective for enhancing habitat value of moderately-degraded sagebrush steppe communities that maintain a shrub component but lack understory diversity." One practical benefit of this research will be to "Contribute to the attempts of native seed growers to produce native annual and short-lived forbs on a commercial basis, by identifying species that may be desirable for restoration and amenable to commercial harvest."

Jeffrey Rose, a Ph.D. student at the University of Wisconsin, Madison, will be learning more about the genus *Polemonium* (Jacobs ladders, skypilots) in his study entitled "Evolution and Biogeography of *Polemonium* (Polemoniaceae): Affinities of *Polemonium nevadense* Wherry." As discussed in his proposal, "This species was originally described by Wherry (1945) who noted its peculiar nature of having verticillate leaflets and a compact inflorescence which unite it with species such as *P. viscosum*, but that it also possesses an open corolla and broad leaflets which unite it with *P. pulcherrimum*. The distinctness of *P. nevadense* was dismissed by Davidson (1950) and Grant (1989) who treated it as a form of *P. pulcherrimum*.... *Polemonium nevadense* is only known from the Santa Rosa Range and few collections are known, but the species was present on at least Granite Peak in 2000 (C. Bjork 5825, ID). However, both the Federal Government and state [of] Nevada follow Davidson and Grant in not recognizing *P. nevadense* as a distinct species." Mr. Rose's studies should shed new light on the status of *Polemonium nevadense*, and its possible relationship to another recently described species, *Polemonium elusum*, from northern Idaho (Irwin et al. 2012).

The NNPS Grants Committee received a record number of deserving proposals this year (seven), and it was difficult to choose only two for funding. Thank you to all of the Committee members this year for their extra time and effort in providing thoughtful reviews of each proposal.

### REFERENCES:

- Davidson, J.F. 1950. The genus *Polemonium* [Tournefort] L. University of California Publications in Botany 23: 209-282.
- Grant, V.E. 1989. Taxonomy of the Tufted Alpine and Subalpine *Polemonioids* (Polemoniaceae). Botanical Gazette. 150: 158-169.
- Irwin, J.J., R. Stubbs, and R.L. Hartman. 2012. *Polemonium elusum* (Polemoniaceae) a New Species from East central Idaho U.S.A. Journal of the Botanical Research Institute of Texas 6: 331-338.
- Wherry, E.T. 1945. Supplementary Notes of the Genus *Polemonium*. American Midland Naturalist. 34: 375-380.

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## MEMBERSHIP APPLICATION

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  - Student or senior citizen, each year .....\$10.00
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- Dues are for the calendar year in which you join. Membership expiration dates are on the mailing labels.

Gifts, and bequests are tax deductible.

Your donation in any amount is appreciated \$\_\_\_\_\_

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