



The Shooting Star

SIERRA FOOTHILLS CHAPTER

CALIFORNIA NATIVE PLANT SOCIETY

MAY 2019

May Meeting and Program *Tree Ecology - The Rhizosphere – Tree Anatomy Below Ground*

Presenter: Ted Kipping

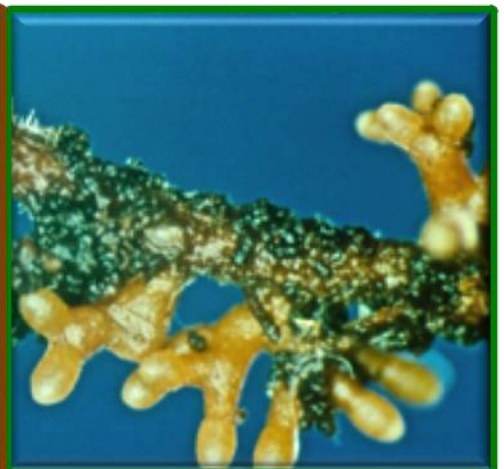
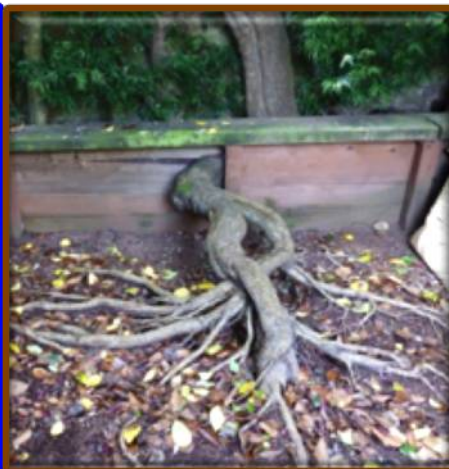
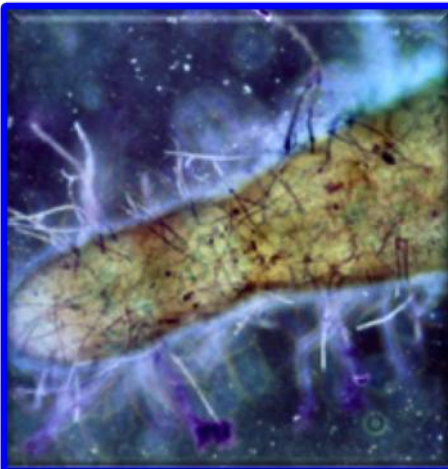
Thursday, May 9, 6:00 p.m.

**Senior Center Meeting Rooms B & C
540 Greenley Rd., Sonoma**

CNPS and the Master Gardeners of Tuolumne County have teamed up to co-host a special presentation by Ted Kipping, a Certified and Consulting Arborist as well as a Life Member of CNPS. Ted studied Natural History at Columbia University in N.Y., worked at the Strybing Arboretum in Golden Gate Park and operated an arboricultural enterprise for forty-three years. He has consulted in seven botanic gardens, lectured in thirteen and delivered twelve lectures on Modern Arboriculture in Prague including one to the Cabinet of the Czech Republic.

Ted will be traveling from San Francisco, where he resides, to deliver his presentation. He describes his talk this way: "Tree Ecology - The Rhizosphere - Tree Anatomy Below Ground shares the amazing insights and lab work of the late Dr. Alex Shigo, a giant in tree research and some of his world-wide colleagues. Hopefully his discoveries and images will blow your mind. Devotee, Ted Kipping, will be 'channeling' Dr. Shigo's discoveries. It will improve your understanding and success with trees."

Note that our usual first Thursday meeting night has been changed to the second Thursday, May 9th and the location is moved to the Senior Center. We hope you'll join us for this special program!



If you change your mailing or e-mail address, be sure to send a note to Jennie Haas. This will keep your newsletter on time!

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*Dedicated to the Preservation of
California Native Flora.*

* * * 2019 FIELD TRIP SCHEDULE * * *

Our field trip schedule for the remainder of 2019 is being delivered to you as a separate pdf file (for e-Shooting Star recipients), or as a pull-out section (for those who receive hardcopy). The field trip schedule is also posted on our chapter website. (NOTE: The schedule does **not** include the three 2019 field trips already completed: Red Hills, Moss Creek, HVMAR.) – Jennie Haas

Field Trip Report

Doug Krajnovich reports on March 24 field trip to Moss Creek:

“Even though this trip took place well before peak bloom, we got to see approximately thirty native wildflowers on our walk to the waterfall. Foothill and California Poppies, Blue and White Lupine, Baby Blue Eyes, Henderson’s Shooting Stars, Bolander’s Woodland Stars, and other “staples” were getting established. A special treat was Kellogg’s Monkeyflower, which used to be *Mimulus kelloggii*, but is now *Diplacus kelloggii*. We also saw *Erythranthe floribunda*, which used to be *Mimulus floribundus*. The Monkeyflower reorganization is not as bad as it sounds. For a primer, see the short explanation from Barry & Judy Breckling below.”

Addendum: I re-visited Moss Creek on April 17 when it was close to peak bloom, with dense fields of Lupine & Poppy. On that same day I saw thousands of *Diplacus kelloggii* and hundreds of the rare *Eriophyllum congdonii* on the rocky south-facing slope just east of the NPS Wastewater Treatment Plant on Foresta Rd.



LEFT: Group photo on Moss Creek trail (© Barry Breckling.) RIGHT: Close-up of *Diplacus kelloggii* (© Doug K.) A long corolla tube emerges from the calyx, but there is little or no stalk beneath the calyx. Hence, this species resides in the new *Diplacus* genus.

What happened to Mimulus?

Only one monkeyflower species in California remains in the *Mimulus* genus, and it's known from only a single location in the Sierra Nevada foothills (*Mimulus ringens*). One species is in the *Mimetanthe* genus (Downy Monkeyflower, *Mimetanthe pilosa*), and all the rest are now assigned to one of two genera:

- Species with a **flower stalk that's longer than the calyx** (especially in fruit) are now in the *Erythranthe* genus.
- Species with **sessile flowers or flowers with a stalk that's shorter than the calyx** are now in the *Diplacus* genus.

– Barry & Judy Breckling

Field Trip Report

Lynn Robertson reports on April 16 field trip to HVMAR:

“We had a large gathering of thirteen people for the field trip to Hunter's Valley Mountain Access Rd. We all got our shoes & pants wet as we explored the hillsides for flowers. Hundreds of fawn lilies (*Erythronium multiscapideum*) were found – a banner year for them. We found many Brown Bells (*Fritillaria micrantha*), an unusually good hillside of *Wyethia bolanderi*, and a single bloom of *Balsamorhiza macrolepis* among many mounds of its leaves. An enjoyable wildflower day emerged from the fog.”



CW from UPPER LEFT: Buckbrush and Redbud on a foggy morning; *Erythronium multiscapideum*; *Wyethia bolanderi*; Frank R. photographing Fawn Lilies; Brown Bell. Photos © Barry Breckling, except Brown Bell © Doug K.

What's Blooming?

Three readers confidently placed last month's "mystery plant" in the Pink family (Caryophyllaceae) – which is more than your Editor could do! Kate W. guessed that the plant was a perennial *Spergularia*, with fruit needed to decide which species. Glenn H. & Judy B. guessed that the plant was a robust specimen of the non-native annual *Spergula arvensis*. *Spergula* and *Spergularia* are closely related. From the limited information that I provided, either could be correct. Thanks to all who sent replies!

CNPS Sierra Foothills Chapter
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RETURN SERVICE REQUESTED

Chapter Officers and Chairpersons (All phone #'s are 209 area code unless otherwise specified.)				JOIN NOW
PRESIDENT	OPEN			<p>PLEASE INCLUDE ME AS A CNPS MEMBER!</p> <p>Student/Retired/Limited income ...\$25 Individual \$45 Family or Group \$75 Library..... \$75 Plant Lover \$100 Patron.....\$300 Benefactor \$600 Mariposa Lily..... \$1,500</p> <p>As always, donations above the membership level chosen will be greatly appreciated.</p> <p>Name _____ Address _____ City _____ State _____ Zip _____ Telephone _____ e-mail _____</p> <p>(Dues and gifts to CNPS are tax deductible)</p> <p>I Wish to affiliate with the Sierra Foothills Chapter. Please make your check payable to "CNPS" and send it to: 2707 "K" street, Suite 1, Sacramento, CA 95816 Tel. (916) 447-2677. Join or renew on-line at www.cnps.org. Membership includes the journal <i>Fremontia</i>, CNPS Bulletin and the Sierra Foothills monthly newsletter, <i>The Shooting Star</i>.</p> <p>E-mail: sierrafoothillscnps@gmail.com</p>
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