



Images Courtesy of San Diego Zoo Global

Endangered Froglets with Radio Belts Freed Into California Mountain Stream

A batch of **mountain yellow-legged frogs** (*Rana muscosa*) released this week will hopefully reveal new insights on how to conserve this endangered species. WERC scientists, led by **Adam Backlin** and **Liz Gallegos**, joined research partners on June 12th and 13th to release 100 froglets into a creek at the University of California's James San Jacinto Mountains Reserve. The first-ever reintroduction of metamorphosed frogs of this species, these animals were bred at the San Diego Zoo Institute for Conservation Research. The project is supported by USFWS, L.A. Zoo, San Bernardino National Forest, Caltrans and California Department of Fish and Wildlife. WERC will lead the field monitoring effort. Videos of the release in news links below:

- <http://www.werc.usgs.gov/outreach.aspx?RecordID=184>
- <http://www.fws.gov/cno/press/release.cfm?rid=501>
- <http://www.mydesert.com/article/20130612/NEWS07/306120029/>
- <http://www.pe.com/20130613-idyllwild-researchers-release-endangered-frogs-back-to-the-wild.ece>

NEW JOURNAL ARTICLES

Fisher, RN, M Uili, F Enoka, GR Zug. 2013. **Clarifying the distributional records for *Hemiphyllodactylus typus* (Bleeker, 1860) from Central Oceania.**

Herpetology Notes 6: 247-250.

<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4911>

Dunne, JA, **KD Lafferty**, AP Dobson, RF Hechinger, AM Kuris, ND Martinez, JP McLaughlin, KN Mouritsen, R Poulin, K Reise, DB Stouffer, DW Thielges, RJ Williams, CD Zander. 2013. **Parasites affect food web structure primarily through increased diversity and complexity.** *PLoS Biology* 11(6): e1001579.

doi: 10.1371/journal.pbio.1001579

<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4910>

EVENTS

June 11, 2013 (Webinar)

Rob Klinger gave a talk for the **USGS National Climate Change and Wildlife Science Center** lecture series. Klinger discussed assumptions that climate warming will have negative effects across the board for alpine mammal species in the Sierra Nevada, pointing out complexities.

<http://www.werc.usgs.gov/Event.aspx?ID=159>

July 16, 2013 (Menlo Park, CA)

The USGS Menlo Park Campus will again host the biennial **Salt Ponds Science Symposium**, showcasing the efforts and progress updates of the **South Bay Salt Pond Restoration Project**. This year also marks the 10th anniversary of the project's inception and continued collaboration.

<http://www.werc.usgs.gov/Event.aspx?ID=156>

July 31, 2013 (Webinar)

Phil van Mantgem will present a webinar co-hosted by the **Joint Fire Science Program**, on the complexities of climate warming, wildfire and forest mortality in the Western United States.

<http://www.werc.usgs.gov/Event.aspx?ID=159>

November 2, 2013 (San Francisco, CA)

The **Bay Area Science Festival** will again host its AT&T Park family fair. USGS WERC participation to be announced.

<http://www.bayareascience.org/festival/>

IN THE NEWS

Food Web, Meet Parasite (AAAS *ScienceNOW*)

Reporter Rachel Nuwer interviewed **Kevin Lafferty** about his new *PLoS Biology* paper examining the interactions and implications of parasites in food web theory.

<http://news.sciencemag.org/science-now/2013/06/scienceshot-food-web-meet-parasi.html>

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