

MEMBER NEWS

DeWalt laboratory work

- Mr. Eric South is working on a PhD on the phylogeny of N. Am. Plecoptera. Transcriptomes for trunk and major branches to tribe, leaves of tree in series of single genes. Working with Perry Ridge at BYU. Other N. Am. researchers have been enlisted to collect live adults for this work.
- Evan Newman is working on a MS degree on the conservation status of stoneflies in Indiana. He is currently analyzing a 5,000 record data set to determine rarity and locations to look for rare species. Funds from Indiana Dept. of Natural Resources through Indianapolis Zoo.
- R. E. DeWalt, E. J. South, Y. Cao. Site specific changes in stonefly assemblages in Illinois. Examining human disturbance factors governing % species loss.
- R. E. DeWalt, J. L. Robinson. Pre-European Settlement and climate influenced distributions of stoneflies in the Midwest of the USA. Factors influencing assemblage composition and richness in the Midwest.
- R. E. DeWalt, Whitney Anthonysamy, Scott Grubbs, Boris Kondratieff. Distinctness of *Prostoia* (Nemouridae) species, with comparison to other eastern N. Am. taxa. Using CO1 and ITS genes. New *P. ozarkensis* is distinct, but more widespread than thought.
- R. E. DeWalt, B. C. Kondratieff. Update of the Plecoptera chapter in Merritt, Cummings, and Berg. 2008. Submission for early or middle 2018.

THE STONEFLIES (PLECOPTERA) OF NEVADA

This is a note to my plecopterologist colleagues on the publication of the Stoneflies (Plecoptera) of Nevada by Baumann, Sheldon and Bottorff. This monograph has been in press for some time and was delayed to allow the publication on the Dragonflies and Damselflies of Utah to come out in time for the DSA annual meeting that was held in Utah in June 2016. According to the Editor of the Western North American Naturalist, this monograph is scheduled to be published in May 2017. The monograph will be produced in hard copy and online so that the extensive spread sheet of collection data that is attached for stoneflies from Nevada will be available to stonefly workers as an interactive file. Information on this publication and any other stonefly papers that have appeared in the Great Basin Naturalist or the Western North American Naturalist should be directed to Janene Auger, Managing Editor, Western North American Naturalist at wnan@byu.edu or Monte L. Bean Life Science Museum, Brigham Young University, Provo, Utah 84602.

Since I gave a presentation on this paper at the May 216 NAPS many colleagues have inquired about this monograph. In fact, it is mentioned in the introduction of DeWalt et. al. "An Atlas of the Stoneflies of Ohio." This will be a must publication for those who study stoneflies in North America because it is written in a modern format and contains an abundance of photographs, graphs, maps and distribution data that have previously not been part of geographical studies dealing with stoneflies and other (EPT): Ephemeroptera, Plecoptera and Trichoptera taxa previously.

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