MEMBER NEWS

STONEFLY (PLECOPTERA) COLLECTION AT BRIGHAM YOUNG UNIVERSITY

R. W. Baumann

The alcohol preserved collection of stoneflies at Brigham Young University, Provo, Utah, U.S.A. was moved into a newly constructed facility in 2015. This mostly underground area is earthquake proof and fire resistant and is housed in metal cabinets, placed on steel rails, forming a compactor system that makes collection storage easy. The system not only gives space for all existing collections but also provides for future expansion.

All curated specimens are organized taxonomically by order, family, genus and species and then geographically. Most of the specimens are from North America, with an emphasis on western North America from Canada to Mexico (Nearctic). However, the Palearctic collection is the largest outside of Europe and Asia. In addition, valuable holdings are present from the African and Australian regions and islands of the sea, along with large areas of Central and South America.

The foundation of the collection is the product of extensive field work by Richard Baumann and colleagues during the years of 1975 to 2015. These colleagues are much appreciated and their help and friendship made this valuable collection a reality. A link to the collecting notebooks that were used is available at the BYU website through the Monte L. Bean Museum (https://sites.lib.byu.edu/scholarsarchive/r-baumann-entomology-fieldnotes/).
Also, several large stonefly collections were received as donations by the following individuals:

Richard Bottorff
Derham Giuliani
David Muranyi
Donald Burdick
John Hudson
Chad Murvosh
Shawn Clark
Stan Jewett
Marilyn Myers
Tom Eichlin
Alan Knight
David Potter
Gene Fiala
Boris Kondratieff
Andy Sheldon
Sandy Fiance
Jerry Kraft
Bill Shepard
Paul Freytag
David Lauck
Ken Stewart
Ed Fuller
Ed Masteller
Stan Szczytko
Arden Gaufin
Terry Mingo
Bob Wisseman

Plus, over the years, many valuable specimens have been obtained as gifts or exchanges from scores of individuals, too numerous to list, and their contributions are greatly appreciated. Ideally, all specimens would be completely curated and identified to the genus or species level. However, this is not the case and much time and effort are needed to reach this goal. With the space problem solved, this hope can become a reality in a much shorter length of time.

Plecopterologists and those interested are invited to visit the museum and tour the collection facility. Since, the North American stonefly meeting will be held in Provo in 2016, this is an ideal time to see the collection.

World Capniidae Studies

Dear Colleagues:

This year we are about to finish a generic revision of the World Capniidae and a species level revision of the Japanese Capniidae. I will stay in Japan until December 2016 as a Postdoctorate Fellow supported by the Japan Society for the Promotion of Science working with **Maribet Gamboa** and **Kozo Watanabe,** Ehime University. The generic revision will be based on holomorphology and COI sequences. We plan submit a multi-authored Zootaxa monography. We will not resolve the complete phylogeny of the family but we will be able to define the genera using both approaches. Of course, autapomorphies will be also defined using comparative morphology. The revision of the Japanese species will be based on morphology, COI, and bioacoustics. We plan to submit this work also as a Zootaxa monograph, being published shortly after the generic revision. Since last December, I have been informing many of you about the progress through regular e-mails updates. If you have not received my progress reports but are interested in joining the project, or simply would like to follow our progress, please contact me at d.muranyi@gmail.com and I will add you to the list. It is my hope that these two future monographs will be realized with the cooperation of the stonefly research community.

Dávid Murányi

ARTICLES

Progress on Digitization of the Kenneth Wilson Stewart Plecoptera Collections at the Illinois Natural History Survey

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Introduction. Kenneth Wilson Stewart, just prior to his death in December of 2012, made arrangements for his Plecoptera collection to be shared by two institutions: the Illinois Natural History Survey (INHS) at the University of Illinois and the Monte L. Bean Museum at Brigham Young University (BYU). Eastern specimens (Great Plains and east) went to the INHS under the care of R. Edward DeWalt, and the western material went to BYU under the care of Richard (Dick) W. Baumann. The eastern material amounted to 3,800 vials of specimens, two field notebooks, original and replicate illustrations, and many reprints. A tally for BYU specimens is not yet available, but it is at least as large as the INHS share.

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