

## **XI North American Plecoptera Symposium 2016**

**Reported by B. C. Kondratieff and C. R. Nelson**

The 2016 meeting of the eleventh **North American Plecoptera Symposium** was held from 17-19 May 2016 on the eastern slopes of Mount Timpanogos in the Wasatch Mountains of scenic northern Utah, U.S.A. The meetings were organized by Boris C. Kondratieff and C. Riley Nelson. Our accommodations were at the historic Timp Lodge of Brigham Young University. This site is adjacent to the Sundance Ski Area with its rich history of environmental and cultural awareness. The weather was spectacular and the papers, collecting and socializing were notable. The program included:

### **Tuesday, 17 May 2016 (afternoon/evening)**

Check-in at Timp Lodge in the afternoon. Socializing and collecting near Timp Lodge, nearby Stewart Falls (where the relatively uncommon and often local *Perlomyia utahensis* Needham & Claassen, 1925) were bouncing off our beating sheets. The stonefly fauna was a mixture of winter emerging capniids and nemourids and spring taxa. Members of the symposium collected from North Fork, South Fork, Cascade Springs, and other local streams. The Brigham Young University class, “Integrated Natural History of Utah” joined our meeting and catered the breakfasts and lunches. This group of students came out of the field in southern Utah where they had been camping for several weeks, including a rafting trip down the famous “Cataract Canyon” of the Colorado River. After the meeting they continued on to streams in northern Utah and southern Idaho.

6:00pm. Catered dinner at Timp Lodge.

After dinner welcome and introduction to area by **Dr. C. Riley Nelson** (a signature presentation by **Prof. Nelson!**).

Socializing by the fire and sorting the day’s catch.

### **Wednesday, 18 May 2016**

8:00am. Breakfast at Timp Lodge

Box Lunches hand-packed by attendees at breakfast

9:00am. Welcome and talks.

Noon: Box lunch at the lodge and nearby collecting.

12:30pm. Trips to BYU’s Monte L. Bean Life Science Museum (<https://mlbean.byu.edu/>) hosted by **Dr. Richard W. Baumann** to visit the R. W. Baumann Aquatic Insect Collection or to collect at the Diamond Fork River. This river is located in the Spanish Fork Canyon and flows into the Spanish Fork River. Diamond Fork is well-known with many local fishermen as a wonderful place for flyfishing for trout. Stonefly collecting was excellent! Catches included species of *Isoperla*, *Pteronarcella badia* (Hagen, 1874), and *Isogenoides zionensis* (Hanson, 1949). Many

were pleased to collect trout stream beetles (*Amphizoa lecontei* Matthews, 1872[Amphizoidae]) both larvae and adults from a log jam containing also a nice assortment of discarded or lost flip flop sandals.

6:00pm. Catered Dinner at Timp Lodge

Socializing and sorting the day's catch. After dinner concert by local artists Cat Leavy and Chris Bennion.

### **Thursday, 19 May 2016**

8:00am. Breakfast at Timp Lodge

Box Lunches hand-packed by attendees at breakfast

9:00am. Updates on current research with stoneflies and business meetings.

11:00am. Clean up lodge and check out.

Meeting wrap up.

### **Titles of presentations at NAPS 2016**

**Kevin D. Alexander.** Reintroduction of *Pteronarcys* in West-central Colorado: a Video.

**Richard W. Baumann.** The Stonefly Fauna of Nevada (Insecta: Plecoptera).

**Richard W. Baumann.** The *Sweltsa lamba* Complex a Potential New Genus in North America (Chloroperlidae: Plecoptera).

**Jackson H. Birrell** and **C. Riley Nelson.** The Decline of the Giant Stonefly *Pteronarcys californica* in Utah.

**R. Edward DeWalt** and **Y. Cao.** Museum Specimens Document Historical Changes in Stonefly (Plecoptera) Assemblages: Fixed Sites Lose Both Species and Traits.

**Jane I. Earle.** Conservation Rankings of Pennsylvania Stoneflies, Results and Challenges in Using the NatureServe Rank Calculator with Invertebrates Species.

**Makani L. Fisher** and **C. Riley Nelson.** Stonefly Nymphs of Western North America: Freshwater Invertebrate Identification Guide (FIIG).

**Scott A. Grubbs.** Male genitalic features of the *Leuctra biloba* Claassen and *L. grandis* Banks species groups with an assessment of the placement of *L. crossi* James and *L. alta* James.

**Charles H. Nelson.** Notes on the external cephalic anatomy of the suborder Antarctoperlaria (Plecoptera).

**Andrew L. Sheldon and Scott A. Grubbs.** Partitioning Time and Space: Leuctridae Plecoptera: Leuctridae) in the Talladega Mountains, Alabama.

**Andrew L. Sheldon.** Mutualism (carpooling) of Ecologists and Taxonomists.

**Bill P. Stark and Audrey B. Harrison.** *Moselia infuscata* (Claassen) (Plecoptera: Leuctridae), a species complex?

**Chris J. Verdone.** Conservation of Stoneflies in the United States.



Attendees. Back row, **B. C. Kondratieff, C. R. Nelson, E. L. South, C. H. Nelson, G. Z. Jacobi, A. L. Sheldon, and J. J. Lee.** Front row, **R. E. DeWalt, K. D. Alexander, J. I. Earle, B. P. Stark, C. J. Verdone, and S. A. Grubbs.**





**Dr. Bill Stark, Chris Verdone, Dr. Charles Nelson, and Jonathan Lee preparing for a “stonefly assault.”**



**Jane Earle checking for stonefly adults walking on the bridge.**



Left to right: Row 1: The convener, **Dr. C. Riley Nelson** (the “Renaissance Man”); the group ready to collect stoneflies near Timp Lodge, with the beautiful mountain scenery of Mount Timpanogos as a back drop; Row 2: **Dr. Bill P. Stark** (always happy); **Dr. Richard W. Baumann** (the “legend”); **Dr. R. Edward DeWalt** (the “Editor”).

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