

# TORTS

## Newsletter of the Troop of Reputed Tortricid Systematists

### NSF PEET GRANT WINDS DOWN AT UNIVERSITY OF CALIFORNIA, BERKELEY

Over the past 5 years, research on Tortricidae at the University of California, Berkeley, has blossomed, funded in part by a National Science Foundation "Partnerships in Enhancing Expertise in Taxonomy" (PEET) grant. The 5-year grant, awarded to Felix Sperling and Jerry Powell in September of 1995, has provided funds for an array of postdoctoral and graduate students, focused primarily on revisionary work on the tortricid tribes Sparganothini, Archipini, and Atteriini.

Accomplishments during the course of the grant have been many, including the completion of an updated checklist of the Tortricidae of the U.S. and Canada; assembly of a database of label data of all identified Tortricidae in the collection of Essig Museum of Entomology (University of California, Berkeley); compilation of a database of microlepidoptera rearing records (16,000+); and numerous systematic studies.

Notable among the monographic projects are Bernard Landry's revision of *Sparganothina* (co-authored with Powell and recently published in University of California Publications in Entomology); Soowon Cho's preliminary analysis of *Sparganopseustis*; and James Kruse's revision of *Sparganothoides*. Jenny Phillips is nearing the completion of her work on *Amorbia*, which will encompass all described species and most or all the Central American species; and Joshua Herbeck has made progress on a phylogeny of *Platynota*.

A variety of smaller projects have been undertaken by the lab, including the description/revision of the archipine genus *Diedra* (by Dan Rubinoff and Powell); a combined molecular and morphological phylogenetic analysis of the New World members of the genus *Archips* (by Kruse and Sperling); and an analysis of the *Argyrotaenia franciscana* species complex (by Landry, Powell and Sperling), based on mtDNA and cross-population hybridization trials.

As evidence of the success of the PEET grant, virtually all of the postdoctoral and graduate students that have completed their work are now employed in the systematic community. Congratulations to Felix Sperling and Jerry Powell on their successful implementation of this ambitious project.

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### TWO YEARS OF TORTS

Thank you for your responses to the TORTS newsletter during its first two years. Please continue to send me updates on your research projects and publications, meeting announcements, and other items of interest.

As described in the first Newsletter, the main purpose of the second issue each year is to provide a bibliography of recently published papers on Tortricidae. Based on a variety of sources, I have compiled two lists of titles: an updated list of papers published in 1999 and a preliminary list of those published in 2000. If you recognize omissions or mistakes, please bring them to my attention so that they can be shared with all of the members. Send titles, comments, corrections, and other inquiries to John W. Brown (e-mail: [jbrown@sel.barc.usda.gov](mailto:jbrown@sel.barc.usda.gov)).

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