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Hexapod Herald

Department of Entomology
Volume 13

October 2001

University of Nebraska-Lincoln
Number 3

Calendar of Events



The "Departmental Calendar" can now be accessed through the Entomology homepage

<http://entomology.unl.edu/announce/>

October 2-3, 2001

- Extension Fall Conference, Nebraska East Union

October 22-23, 2001

- Semester Break, Office Open

November 21-25, 2001

- Thanksgiving Break, Office Closed 22-25

December 9-13, 2001

- Entomological Society of America Annual Meeting, 2001: *An Entomological Odyssey*, Town and Country Resort and Convention Center, San Diego, California

December 10-14, 2001

- Dead Week

December 17-21, 2001

- Finals Week

December 22, 2001

- First Semester Commencement

December 22 - January 1, 2002

- Holiday Closedown. Office closed.

Welcome



Sasi Maliphan is a new graduate student pursuing a Ph.D. degree under the supervision of **Dr. John Foster**. Sasi received her M.S. degree in Biotechnology and Genetic Engineering from Chulalongkorn University in Thailand.

New Distance Masters Student:

Fall 2001: Douglas Welch, Concord, CA.

Personnel Update

Jeri Cunningham joined the office as a Staff Secretary III on August 20, 2001. She spent nine years on the "other" campus in the History Department. Welcome Jeri!

Congratulations



Terry DeVries, Entomology Research Analyst, SCREC, received the KUDO award for August at the September 7, 2001, NU Regents meeting in Lincoln. Terry has worked with **Bob Wright** at SCREC since 1992 and previously received the IANR Outstanding Employee Award in 1997.

Doug Golick received the 2001 Critique & Awards Program **Silver Award** for Publishing (Technical Publications) sponsored by the Agricultural Communicators in Education. Other collaborators on the project include **Dr. Marion Ellis** (Entomology) and Renee Lanik and Lisa Jasa (Communications and Information Technology).

Paul Nability is the recipient of the Earl and Bertha Ramsey Memorial Scholarship in the amount of \$1,000 for 2001-2002.

Dana Novak who works with **Tiffany Heng-Moss** received a Milton E. Mohr Scholarship for \$1,000 from the UNL Center for Biotechnology for the 2001-2002 academic year.

Blair Siegfried has been elected to the ARD Advisory Council for a three-year period ending June 30, 2004. Blair represents faculty in the Biometry, Entomology, and Veterinary and Biomedical Sciences Departments.

Peter Clark, Kevin Delaney, Thomas Eickhoff, and Federico Ocampo were honored at a recognition luncheon on Friday, September 21, 2001. Peter and Federico received the 2001-2002 Widaman Trust Distinguished Graduate Assistant Award from the Agricultural Research Division. Tom received the Milton E. Mohr Fellowship in Agriculture. Kevin was a recipient of a Hardin Distinguished Graduate Fellowship.

Doug Golick and Erinn Hoagland are to be married on October 6, 2001, in Hastings.



Stephanie (M.S. '97) and C.J. Darnell are the proud parents of a baby girl, Erin Marie, born on August 2, at 2:47 p.m. The little miss weighed 7 lb. 8 oz. and was 19" long.

Srinivas and Leela (Alamalakala) Parimi are the proud parents of a baby boy, Anirudh, born on September 25, at 6:30 p.m. He weighed 7 lb. 8 oz. and was 21" long.

Faculty News

Dr. Marion Ellis reports the fifth annual Bug Bash, held September 19-22, was the biggest yet in terms of attendance. LPS bussed 1,294 fourth grade students to the Zoo to participate Wednesday-Friday. Saturday's attendance totaled 1,513. Seventy Science-Focus High School students were trained to conduct 13 teaching stations which included Cockroach Racing, Dr. Bug, Insect Crafts, and Insect Theater. Besides a desperate call from Marion at the Zoo a half hour before Bug Bash began, wondering where everybody was, and a frantic call from Tiffany Heng-Moss for more hissing cockroaches, all went smoothly.

Grants



Fred P. Baxendale

- Rohm and Haas Co. \$3,000
Control of White Grubs in Turf
- Scotts Co. \$5,000
Chinch Bug Control in Buffalograss
- Scotts Co. \$4,000
Turfgrass Insect Control

Marion D. Ellis

- Environmental Protection Agency. \$40,000
Varroa Mite Management
- IANR Teaching & Extension Deans \$4,000
Bug Bash

John E. Foster

- Monsanto \$5,000
Arthropods Associated with Crop Pests
- Monsanto \$5,000
Host Plant Resistance to Insects
- Monsanto \$2,000
Western Corn Rootworm Behavior
- Pioneer Hi-Bred \$2,000
Lepidoptera Trial

Tiffany Heng-Moss

- Folsom Children's Zoo \$ 500
Our Zoo to You

Leon G. Higley

- FMC Corp. \$1,000
Applied Research on Crop Insects
- U.S. Dept. of Interior Fish and Wildlife Service \$26,000
Basic Biology and Conservation of the Salt Creek Tiger Beetle

Shripat T. Kamble

- Aventis Environmental Science \$5,500
Termite Research
- Dow AgroSciences \$5,000
Termite Research
- USDA/Pest Management Center \$35,000
through Michigan State University
Nebraska Pesticide Information Network: Crop Profiles and Pest Management Strategic Plan

Z B Mayo

- FMC Corp \$1,000
Cytogenic Factors Associated with the Development of Aphid Biotypes

Lance J. Meinke

- Aventis Crop Science \$1,500
Rootworm Insecticide Trial
- Bayer Corp. \$1,600
Corn Rootworm Seed Treatment Trial
- FMC Corporation \$1,000
Rootworm Insecticide Trial
- Monsanto \$5,000
Beetle Flight Behavior Study
- Monsanto \$5,000
Rootworm Transgenic Field Emergence Study

Lance J. Meinke and Blair D. Siegfried

- USDA-ARS \$68,000
Western Corn Rootworm Resistance to Insecticides- Development of Resistance Management Strategies

Graduate Student News

Congratulations to the following students who graduated in August:

- **Teresa Havens**, D.E. (Advisor: **Dr. Leon Higley**)
- **Paula Macedo**, M.S. (Advisor: **Dr. Marion Ellis**)

Nor Aliza Abdul Rahim's Ph.D. defense seminar will be held October 11, 2001 at 1:00 p.m. at the East Union. Her seminar title is "A Digestive Phospholipase A₂ and Prostaglandin Biosynthesis in the Myiasis-Causing Screwworm, *Cochliomyia Hominivorax*."

Aura Paucar's M.S. defense seminar will be held November 14 at 9:00 a.m. in the East Union.

The **Bruner Club** held a back-to-school picnic at UPCO Park on Sunday, September 16, 2001. Faculty, students and staff spent the afternoon socializing, playing volleyball, and trying to keep dry. The afternoon's activities were followed by a hot dog and hamburger cookout. The Bruner Club would like to thank everyone for attending.

Publications



Basolo, A. L., and **K. J. Delaney**. 2001. Male Biases for Male Characteristics in Females in *Priapella olmecae* and *Xiphophorus helleri* (Family Poeciliidae). *Ethology* 107: 431-438.

Clark, T. L., L. J. Meinke and J. E. Foster. 2001. Molecular phylogeny of *Diabrotica* beetles (Coleoptera: Chrysomelidae) inferred from analysis of combined mitochondrial and nuclear DNA sequences. *Insect Molec. Biology* 10(4): 303-314.

Heinrichs, E. A., J. E. Foster, Marlin E. Rice and Jaime Molina-Ochoa. 2001. Insectos plaga del maiz in N orteamérica. <http://ipmworld.umn.edu/cancelado/Spchapters/MaizeSP.htm> Radcliffe's IPM World Textbook, University of Minnesota, <http://ipmworld.umn.edu/>

Heinrichs, E. A., and Jaime Molina-Ochoa. 2001. Manejo de los insectos plaga del arroz. <http://ipmworld.umn.edu/cancelado/Spchapters/arrozSp.htm> Radcliffe's IPM World Textbook, University of Minnesota, <http://ipmworld.umn.edu/>

Jameson, Mary Liz and Miguel A. Moron. 2001. Descriptions of the larvae of *Chlorato cincticollis* Blanchard and *Chasmodia collaris* (Blanchard) (Scarabaeidae: Rutelinae: Rutelini) with a key to the larvae of the American genera of Rutelini. *Coleopterists Bulletin* 55: 385-396.

Oyediran, I. O., and E. A. Heinrichs. 2001. Anthropod populations and rice yields in direct-seeded and transplanted lowland rice in West Africa. *International Journal of Pest Management* 47(3): 195-200.

Ratcliffe, Brett C. and Estefania Mico. 2001. A review of the Neotropical genus *Neocorvicoana* Ratcliffe and Mico, new genus

(Coleoptera: Scarabaeidae: Cetoniinae: Gymnetini).
Coleopterists Bulletin 55: 279-296.

Ratcliffe, Brett C. and Federico C. Ocampo. 2001.
Tyrannasorus rex Ratcliffe and Ocampo, a new genus and
species of Miocene hybosorid in amber from the Dominican
Republic (Coleoptera: Scarabaeoidea: Hybosoridae).
Coleopterists Bulletin 55: 351-355.

Siegfried, B.D., A.C. Zoerb, and T. Spencer. 2001.
Development of European corn borer larvae on Event 176 Bt
corn: influence on survival and fitness. Entomologia
Experimentalis et Applicata 100: 15-20.

Urías-López, Mario A., and Lance J. Meinke. 2001.
Influence of Western Corn Rootworm (Coleoptera:
Chrysomelidae) Larval Injury on Yield of Different Types of
Maize. J. Econ. Entomology 94(1): 106-111.

Please send items for the *Hexapod Herald* to Jeri
Cunningham at jcunningham1@uni.edu or mail to the
Entomology Department.

Travel



Leon Higley, John Foster, Wyatt Hoback, and Brad Mills
(from CIT) traveled to Brazil in June to attend a conference on
biological control in Pocos de Caldas that **Blair Siegfried** also
attended. At the meeting, everyone did some graduate student
recruiting (look for new faces in the department next year).
Prior to the meeting, Leon, Wyatt, and Brad did a photographic
tour with Jose Barrigossi (another grad) in Goiania, as the first
stop on the "Insect ID World Tour." Brad is currently editing
video and Leon is still sorting hundreds of slides, but look for
new teaching resources on South American insects and
agriculture in the spring. Also, later this fall, we'll show some
tour highlights at a brown bag seminar, and if Wyatt shows,
you can ask him what *cerveja* means.

Entomology Fall Faculty Meeting Dates

9:30 AM - 214 Plant Industry Bldg.

October 10 - December 5

Please note change of date for October meeting.

Ento 905 Seminars

East Campus Union - 3:30 p.m. unless otherwise noted

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|-------------|--|
| October 12 | Horned Beetles: Costs, Benefits,
and Diversification
Federico Ocampo |
| October 19 | Non-target Effects of Biocontrol
Agents
Herbert Siqueira |
| October 26 | Dengue
Túlio Macedo |
| November 2 | Insect Cannibalism
Joshua Smith |
| November 9 | Apoptosis in Development and
Immunity
Leela Akamalakala |
| November 16 | Greenhouse Pest Management
Thomas Eickhoff |
| November 30 | Cotton Entomology
Peter Clark |
| December 7 | Insect Learning
Kevin Delaney |

