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Hexapod Herald - Vol. 11, No. 4, October 1999

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"Hexapod Herald - Vol. 11, No. 4, October 1999" (1999). *Hexapod Herald and Other Entomology Department Newsletters*. 195.

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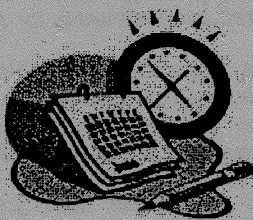
Hexapod Herald

Department of Entomology
Volume 11

October 1999

University of Nebraska-Lincoln
Number 4

Calendar of Events



October 18-19, 1999
Fall Break – No Classes

October 19, 1999
Extension Fall Planning Conference, 214 PI

December 12-16, 1999
Entomological Society of America Annual Meeting, Atlanta, GA

December 17, 1999
Bumble Bee Pollination in Greenhouses
Guest Speaker Dr. Robert Brooks hosted by Dr. Marion Ellis, 3:30 p.m., East Campus Union

January 19-20, 2000
UPM Conference, Clifford Hardin Center, Lincoln, NE

February 28-March 2, 2000
International Plant Resistance to Insects Workshop, Fort Collins, CO

August 20-26, 2000
XXI International Congress of Entomology, Foz do Iguacu, Brazil

Dr. Blair Siegfried

Agreva USA	\$19,220
DeKalb	\$11,500
Mycogen	\$9,650
Novartis	\$25,000

We Want to Know!!

If you have news you'd like to see in the *Hexapod Herald*, please email the information to jkeller@unlnotes.unl.edu. The next deadline for the *Hexapod Herald* is **November 24**.

Congratulations

Rico Rana graduated in August with a Ph.D. degree. His advisor was Dr. David Stanley. Rico will be traveling to the Philippines to visit his family. (It's been 7 years since he's seen them!!) Fikru has accepted a Post-Doc position in Kentucky.

Wyatt Hoback graduated in August with a Ph.D. degree. His advisors were Drs. David Stanley and Leon Higley. Wyatt and his family have moved to Kearney where he has accepted a position with the University of Nebraska-Kearney as an Assistant Professor in the Biology Department.

Fikru Haile graduated in August with a Ph.D. degree. His advisor was Dr. Leon Higley. Fikru has accepted a position with Dow AgroSciences in Madison, Wisconsin.

Congratulations to Dr. David and Terri Stanley upon the birth of twins, Elinor & Liam, born Tuesday, July 13, at 10:30 AM. They weighed 5 lb. and 6 lb. 11 oz., respectively.



Esther and Isaac Oyediran are proud to announce the birth of a son, Isaac, on September 2. Isaac was 6 lb. 13 oz. and 21" long.

Connie Reimers and Jim Hild were married July 31st in Cook, Nebraska. Connie was back to work the next week after a short trip to Kansas City. A longer honeymoon is planned after Connie graduates.

Welcome

Kevin Delaney joined Dr. Leon Higley's group in August. Kevin will begin his Ph.D. degree in the area of plant-insect relations (probably milkweed and photosynthesis). He has a M.S. degree from the University of Cincinnati working on spider behavior and has other research experience on insect behavior. Kevin was previously associated with the School of Biological Sciences.

Grants

Dr. Fred Baxendale	
Acpevo	\$3,500
American Cyanamid	\$2,500
FMC	\$4,500
Scotts	\$8,000
Dr. Marion Ellis	
South Dakota Beekeepers Assoc.	\$1,000
Dr. John Foster	
DeKalb Genetics Corp.	\$10,000
Dr. Leon Higley	
Bayer	\$1,000
Dr. Shripat Kamble	
Dow AgroSciences	\$10,000
FMC	\$20,000
Dr. Z B Mayo	
Novartis	\$4,500
Zeneca	\$500
Dr. Lance Meinke	
Bayer	\$3,300
Cyanamid	\$3,000
Rhone-Poulenc	\$19,500

Diana Londoño will be pursuing a M.S. degree in entomology under the supervision of **Dr. Blair Siegfried**. Diana will be conducting her research on cytochrome P450 induction in the aquatic midge, Chironomus tentans. Her husband, Andres, is completing a Ph.D. in geography and they have a son Nicholas, age 2.

Túlio Macedo is also joining **Dr. Higley's** project this fall. He has a M.S. degree from the Universidade Federal de Viçosa, Brazil, in entomology working on termite management in pastures. Túlio will be working on plant-insect relations, either in wheat or soybean.

Aura Paucar joined Team Scarab in July. Aura received her Licenciatura from the Pontificia Universidad Católica del Ecuador (in Quito). She will be continuing her studies on the systematics of scarabs with the supervision of **Drs. Brett Ratcliffe** and **Mary Liz Jameson**.

Estephania Mico from the University of Alicante in Spain arrived August 9 and will be visiting Division of Entomology in the State Museum for three months. Estephania will be conducting research with Team Scarab on the phylogeny and systematics of scarabs. Her past research has involved behavior, taxonomy, and diversity of scarab beetles.

Dr. Miguel Morón from the Instituto de Ecología in Xalapa, Mexico, visited the Division of Entomology in the State Museum from August 16-22. Morón is an expert on the systematics of scarabs and on scarab larvae. He presented a workshop for Team Scarab on the identification, taxonomy, and porphology of scarab larvae.

Obdulía Segura-Leon arrived in Nebraska from Texcoco, Mexico. Obdulía will pursue a Ph.D. in entomology under the supervision of **Dr. Lance Meinke**. She earned her M.S. degree from the Colegio de Postgraduados in Montecillo, Mexico. Her four month-old daughter, Esmeralda, came with her.

Jinquan Wu, from Beijing, China, is pursuing his Ph.D. under the direction of **Drs. Marion Ellis** and **Blair Siegfried**. Wu's background is apiculture and he received his M.S. from the Chinese Academy of Agricultural Sciences.

The following students began pursuing Distance Master Degrees: **Christina Brownlow**, Ft. Lauderdale, FL; **Krista Damery**, Hudson, MI; **Diane Frankson**, Bay City, TX; **David Kaeding**, Council Bluffs, IA; **Kevin Reiss**, Ogallala, NE; **Stephen Skinner**, Pitman, NJ; and **Richard Wearsch**, Norwalk, OH.

Faculty News

On the occasion of his retirement (August 3, 1999), **Dr. Gustave Thomas** was awarded a plaque and cash award by the Area Director of the Northern Plains Area, ARS, USA. The award was for outstanding service to the ARS, USDA. The plaque read "For your outstanding contributions as Research Leader of the Midwest Livestock Insects Research Unit in Lincoln, NE (1985-1999)."



Dr. Steven Skoda is now (effective August 4, 1999) the Acting Research Leader of the Midwest Livestock Insects Research Unit, ARS, USDA.

Dr. Marion Ellis reports Bug Bash 1999, held September 25, 1999, introduced 3,476 (paid admission) young people to entomology in a fun and education-focused manner. Dr. Ellis thanks everyone for their participation and creative contributions

to the program. Suggestions or comments for future Bug Bash events may be sent to Dr. Ellis at mellis3@unl.edu.

Graduate Student News

Jenny Stebbing and **Andrew Smith** each received a \$3,000 Farmers National Company Fellowship for academic year 1999-2000.

Tiffany Heng-Moss received a \$2,000 Hardin Distinguished Graduate Fellowship for academic year 1999-2000.

On August 2, **Tiffany Heng-Moss** conducted a Turfgrass and Ornamental Insect Identification and Management walking tour at the 1999 Nebraska Turfgrass Field Day and Trade Show at the University of Nebraska ARDC near Mead, NE.

As part of the 1999 Entomology Graduate Student Training Program, a joint program between the Department of Entomology and Dow AgroSciences, Tom Clark traveled to Florida (May 17-July 1) where he worked with Dr. Joe Eger. Joe is Dow AgroSciences field development biologist for the state of Florida in Dow's Coastal Crops territory (Joe is also a world authority on Pentamoidea). Tom's project dealt with determining the repellency/attractiveness of different compounds to thrips (Florida, western flower, and eastern flower) on bell peppers. The research was conducted at the North Florida Research and Education Center (University of Florida) near Quincy, Florida, in Collaboration with Dr. Joe Funderburk. More details of his internship will be given at a brown bag luncheon to be held later this fall.

The Bruner Club hosted a cookout at Pioneers Park on Saturday, October 2, 1999, for faculty, graduate students, and staff.

Publications

Hall, W. Eugene. 1999. Generic revision of the tribe Nanosellini (Coleoptera: Ptiliidae: Ptiliinae). Transactions of the Am. Entomol. Soc. 125 (1-2): 39-126.



Jameson, Mary Liz. 1999. A new species of *Viridimicus* Jameson from Honduras (Scarabaeidae: Rutelinae). Coleopterists Bulletin 53(2): 167-174.

Marcon, Paula C.R.G., Linda J. Young, Kevin L. Stefey, and Blair D. Siegfried. 1999. Baseline Susceptibility of European corn borer to (Lepidoptera: Crambidae) *Bacillus thuringiensis* toxins. J. Econ. Entomol. 92(2): 279-285.

Marcon, P.C.R.G., D.B. Taylor, C.E. Mason, R.L. Hellmich, and B.D. Siegfried. 1999. Genetic similarity among pheromone and voltinism races of *Ostrinia nubilalis* (Hübner) (Lepidoptera: Crambidae). Insect Mol. Biol. 8:213-221.

Park, No-Joong and Shripat T. Kamble. 1999. Distribution and inhibition of esterases in various body tissues of susceptible and resistant cockroaches. Ann. of the Entomol. Soc. of Am. 92(4):556-562.

Quisenberry, Sharron. Alfalfa Germplasm Resources and Insect Resistance. Ed: Manglitz, Sorensen. Book Chapter Pgs 149-168.

Taylor, D.B. and A.L. Szalanski. 1999. Identification of Muscidifurax app. y polymerase chain reaction - restriction fragment length polymorphism. Bio. Control 15: 270-273.

Travel

Dr. Blair Siegfried attended the International Plant Protection Congress in Jerusalem, Israel, July 25-30. The meeting covered areas such as biotechnology in agriculture, pesticide resistance, and environmental toxicology of pesticides. The meeting was attended by close to 1,000 scientists from 81 different countries.



Dr. Bob Wright attended meetings of the Nebraska Corn Growers Association on July 27, and the Nebraska Sustainable Agriculture Society Board of Directors on August 7 as a representative of Nebraska Extension.

From the Office

Beginning July 1, 1999, Entomology joined Animal Science and OPOD in a new business center (AEO). Allen Specht is the manager for the business center. More information on AEO will be made available on the web site Allen created, <http://www.ianr.unl.edu/aeo/aeo.htm>.

Starting July 1, 1999, all pink slips that you receive from Communications and Information Technology (CIT) will be the only copy received by the Entomology Department. Please make sure that all slips are turned into Diane Sullivan for processing. Thank you for your cooperation.

Effective Monday, September 20, 1999, the University of Nebraska-Lincoln increased the per transaction thresholds and monthly limits allowed on all Purchasing Cards. The new per transaction threshold is \$1,499. The new monthly limit threshold for most cardholders is \$10,000. The Purchasing Card program simplifies the purchasing/disbursement process by facilitating point-of-sale procurement. The procurement card is the MOST EFFECTIVE way for UNL to purchase non-restricted items. If you do not have a MasterCard, please contact Diane Sullivan. Everyone is urged to participate.

As part of the new accounting system, SAP, hourly employees will begin submitting their timecards weekly rather than bi-weekly. Employees will continue to be paid on a biweekly basis. Marilyn will be sending out more information as it becomes available.

Your electronic mail will no longer be available after October 31, 1999, if you use UNLINFO, UNLINFO2, UNLVM, or UNLGRAD1. You must migrate to either Lotus Notes or UNLSERVE. This change is required because the UNLINFO, UNLINFO2, UNLVM, and UNLGRAD1 mail software is not year 2000 compliant. If you have not yet migrated your mail, please visit <http://www.unl.edu/migrate/> to start your move, or visit <http://www.unl.edu/Notes/> for more information. If you have questions, please contact the Help Desk at helpdesk@unl.edu or 472-3970.

Please remember when routing proposals to provide a copy of all documents, including the routing form and the disclosure of interest form, to the Department Office for our files. In addition to making it easier for Department staff to answer Research Grants and Contracts' questions about the proposal and, if awarded, the grant, we will also be entering this proposal information into the Nugrant system. If you have any questions, please call Allen Specht (2-6487).

The UNLV Mainframe is being dismantled in December. If you have any old data that you would want to take off, please do so now.

Please have your car reservations for Summer 2000 turned in to Diane by November 15, 1999.

A new web interface, called *mynulook*, is now in the test phase. Faculty and listed instructors will receive an email granting them access. The initial group receiving access will be tenured and tenure-track faculty, followed by other faculty and then graduate assistants. After receiving this email, individuals will be able to log on and use the interface. *Mynulook* will give you on-line access to your course rosters and basic information about students in your course; in the future, you will be able to submit grades electronically. People submitting proposals for external grants will be able to do so electronically, using a newly developed submittal and approval system for grant proposals. Everyone will be able to check information about his or her own appointment as well as basic institutional data for the campus and all of its colleges.

TRAVEL TO ESA DECEMBER 12-16, 1999

If you are planning or just considering attending the December Annual ESA meeting, please submit your Travel Authorization Request by October 15. The requested funds are not encumbered and in no way obligates your travel, however, upon receipt of the TA number, the authorization is in place to allow airline reservations prior to travel. Remember to use your UNL Mastercard to pay for the conference registration fee(s) for yourself and your students. As soon as you register, please submit a completed Purchasing Card Transaction Voucher along with a photocopy of your Pre-registration Form to the office.

Entomology Classes 1999 Fall Semester

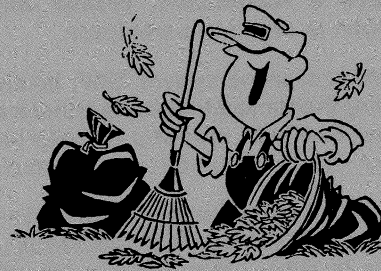
AGRI 200	Introduction to Pesticides	S. Danielson
ENTO 108	Insects, Science & Society	L. Higley
ENTO 115	Insect Biology	A. Jones
ENTO 116	Insect Identification	A. Jones
ENTO 303	Horticultural Insects	A. Jones
ENTO 401/801	Insect Physiology	D. Stanley
ENTO 407S/807S	Urban & Indust Ento - Distance	D. Keith
ENTO 817	Pest Management Systems	L. Meinke
ENTO 896D	Pest Mgmt Decision Making	L. Higley
ENTO 896E	Insect Physiology - Distance	D. Stanley
ENTO 901A	Topics in Scarabaeoidea	M. Jameson/ B. Ratcliffe
ENTO 901B	Res and Presentation Methods	M. Ellis/L. Johnson
ENTO 901D	Ecol and Evol of Insect Resist	B. Siegfried/T. Hunt
ENTO 905	Seminar	D. Stanley
ENTO 988	Becoming a Prof Scientist	L. Higley/D. Stanley
GRDC 902	Grant Writing	D. Stanley

Fall 905 Seminar Schedule

- Sept. 10 *Emerging Strategies in Locust Control*
Hasan Tunaz
Room 41, Food Industry Complex, 3:30 p.m.
- Sept. 24 *Flightlessness in Insects*
Karla Villatoro
East Campus Union, 3:30 p.m.
- Oct. 1 *Resistance in Varroa Mites*
Amelia Zoerb
East Campus Union, 3:30 p.m.
- Oct. 8 *Pest Flare-Ups After an Insecticide Treatment; Knockdown of Beneficials and Beyond*
Tom Clark
East Campus Union, 3:30 p.m.
- Oct. 13 *Host Plant Induction of Insecticide Resistance*
Brian Clark
East Campus Union, 11:30 a.m.
- Oct. 15 *Apoptosis: Its Role in Microbial Control of Insect Pests*
SuiBRAHmanyam Dharba
East Campus Union, 3:30 p.m.
- Oct. 22 *Hitching a Ride: Phoretic Arthropods on Arthropods*
Jon Bedick
East Campus Union, 3:30 p.m.
- Oct. 29 *Polydnaviruses of Parasitic Wasps*
Lester Figarola
East Campus Union, 3:30 p.m.
- Nov. 5 *Sampling Techniques in Aquatic Insects*
Joe Zhou
East Campus Union, 3:30 p.m.
- Nov. 12 *Insecticide Resistance in Diamond Back Moth*
No-Joong Park
East Campus Union, 3:30 p.m.
- Nov. 19 *Leaf Cutting Bees and Their Importance to Alfalfa Seed Production*
John Thomas
Room 116, Chase Hall, 3:30 p.m.
- Dec. 3 *The Human Bot Fly and Its Bellow Dipterans*
Agustin Sagel
East Campus Union, 3:30 p.m.
- Dec. 10 *Establishment of Introduced Insects: Regulated by Life History and Environmental Factors*
Julia Smith
East Campus Union, 3:30 p.m.

Entomology Seminar Series 1999 Fall Seminar Tuesdays 12:30-1:30 p.m.

- Oct. 5 *Nebraska Butterflies and Moths*
Steve Spomer, UNL Entomology Dept.
203 Natural Resources Hall
- Oct. 12 *Regal Fritillary Natural History in Nebraska: Nectar Use and Effects of Fire*
Jeff Huebschman, UNL School of Natural Resource Sciences
203 Natural Resources Hall
- Oct. 26 *Termite Ecophysiology*
Dr. Brian Cabrera, UNL Entomology Dept.
East Campus Union
- Nov. 9 *Altered Acetylcholinesterase Conferring Insecticide Resistance in Insects*
Dr. Kun Yan Zhu, Kansas State University
East Campus Union
- Nov. 16 *I Speak of Africa and Golden Joys: A Photographic Essay on Zimbabwe and Its Insects*
Dr. Marlin Rice, Iowa State University
East Campus Union
- Nov. 30 *Insect Cytochrome P450 and Insecticide Tolerance*
Dr. Mike Scharf, UNL Entomology Dept.
East Campus Union
- Dec. 7 *Insect Biodiversity in Southern Africa*
Dr. Clarke Scholtz, University of Pretoria, South Africa
East Campus Union



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