

The facet

A monthly newsletter by the ENTOMOLOGY CLUB, Department of Entomology and Plant Pathology,
Mississippi State University

Volume 1, Issue 4

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If you would like to contribute, please submit items by Friday of the second week to *The facet* mailbox.

From Editors Desk...

We received a suggestion to provide more scientific information in the entomology/plant pathology area than just a fun stuff. We appreciate your input. As we described briefly in our first issue, this newsletter will contain something serious (scientific) as well as non serious (entertainment such as jokes, cartoons or other aspects of entomology/plant pathology that people may never think about). Once again, please do not hesitate to contribute to improve the contents of this newsletter.

We are also trying to have a link of **MSU Entomology Club** website (www.msstate.edu/org/eppclub) in the departmental website. Hopefully we will have it soon. The previous newsletters (Issue 1, 2, and 3) are already accessible through this website now!

Enjoy this issue!!

Monsanto Field Day

The faculty and graduate students from Tennessee, Arkansas and Mississippi were invited to visit Monsanto's Leland Agronomy Center. Monsanto employee and MSU graduate student, Angus Catchot, helped bring this event together. On the tour of the facility, visitors were shown research trials on enhanced round-up ready, bollgard cotton, yieldgard, cotton systems, genomics, and trait development. Students were able to see research that was being conducted at the site, as well as, make important contacts at the research station.

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❁ Seminar ❁

Thursday, August 9, 4:00 pm
Dorman Hall Room 128

Guest speaker: Dr. Mark Windham
(Plant pathologist, University of Tennessee)

**"Development of Disease Resistant
Dogwoods – A Team Approach"**

(a mixture of plant pathology, horticulture, plant
breeding, and entomology)

FUTURE EVENT

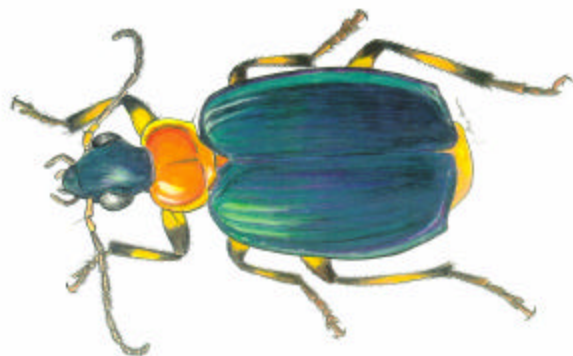
MSU Department of Entomology & Plant Pathology and USDA-ARS Biological Control and Mass Rearing Research Unit sponsor a five-day workshop **Principles and Procedures for Rearing Quality Insect**. This workshop will be held September 23-28, 2001 at Mississippi State.

FALL 2001 FINAL REGISTRATION REMINDER

Final registration	August 16-17
Schedule changes	May 29 – August 31
Last day of registration, adding or dropping	August 31

2001 Entomology Club T-shirt

Order forms for new Entomology club T-shirt are available at the 103 Clay Lyle (front office). Deadline for pre-ordering is September 7. The 2001 design is a ground beetle, *Lebia viridipennis*.



RECENT PUBLICATIONS (2001)

Baker, G.T. 2001. Morphology and distribution of antennal sensory receptors of *Omoglymmius americanus* (Coleoptera: Rhysodidae). Proc. Entomol. Soc. Wash. 103(1): 135-142.

Harris, J.P. 2001. Trouble from below. Grounds Maintenance, February 2001: 36-40.

Hamadain, E.I., and H.W. Chambers. 2001. Susceptibility and mechanisms underlying the relative tolerance to five organophosphorus insecticides in tobacco budworms and corn earworms. Pesticide Biochem. and Physiol. 69: 35-47.

Inglis, G.D., and A.M. Lawrence. 2001. Effects of *Serratia marcescens* on the F1 generation of laboratory-reared *Heliothis virescens* (Lepidoptera: Noctuidae). J. Econ. Entomol. 94(2): 362-366.

Reed, J., and D.B. Smith. 2001. Droplet size and spray volume effects on insecticide deposit and mortality of heliothine (Lepidoptera: Noctuidae) larvae in cotton. J. Econ. Entomol. 94(3): 640-647.

Reed, J., E. Burris, C. Allen, R. Bagwell, D. Cook, B. Freeman, G. Herzog, G. Lentz, and R. Leonard. 2001. Thrips (Thysanoptera: Thripidae) a multi-state survey: summary of observations for Arkansas, Alabama, Georgia, Louisiana, Mississippi, and Tennessee. Mississippi Agricultural and Forestry Experiment Station Research Report, Vol. 22, No.15.

Roy, K.W., R.E. Baird, and T.S. Abney. 2001. A review of soybean (*Glycine max*) seed, pod, and flower mycofloras in North America, with methods and a key for identification of selected fungi. Mycopathologia 150: 15-27.

Sikorowski, P.P., A.M. Lawrence, and G.D. Inglis. 2001. Effects of *Serratia marcescens* on rearing of the tobacco budworm (Lepidoptera: Noctuidae). American Entomol. 47(1): 51-61.

Soonthornpoc, P., L.E. Trevathan, M.S. Gonzales, and M. Tomaso-Peterson. 2001. Fungal occurrence, disease incidence and severity, and yield of maize symptomatic for seedling disease in Mississippi. Mycopathologia 150: 39-46.

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CONGRATULATIONS ...

As a club, we want to congratulate Chris and Laura Daves on the birth of their son, James Foley Daves on July 11. He was 7.5 lb and 19 inches.



Whose birthdays' in August ...



Get ready to say happy birthday to the following people:

- 13 Kay Nevels
- 17 Will Price
- 20 Evita Gourley
- 21 Gensheng Shi
- 22 Don Parker
- 24 Wu Zhixin



Happy
birthday!!
!

RECENT PUBLICATIONS (2001) – cont'd

- Stewart, S.D., J.J. Adamczyk, Jr., K.S. Knighten, and F.M. Davis. 2001. Impact of Bt cottons expressing one or two insecticidal proteins of *Bacillus thuringiensis* Berliner on growth and survival of noctuid (Lepidoptera) larvae. *J. Econ. Entomol.* 94(3): 752-760.
- Tang, J.D., H.L. Collins, T.D. Metz, E.D. Earle, J. Zhao, R.T. Roush, and A.M. Shelton. 2001. Greenhouse tests on resistance management of Bt transgenic plants using refuge strategies. *J. Econ. Entomol.* 94:240-247.
- Vogt, J. T., R. Grantham, W. A. Smith, and D. Arnold. 2001. Prey of *Solenopsis invicta* Buren (Hymenoptera: Formicidae) in Oklahoma peanuts. *Environmental Entomology* 30:123-128.
- Zeng, F., and A.C. Cohen. 2001. Induction of elastase in a zoophytophagous heteropteran, *Lygus hesperus* (Hemiptera: Miridae). *Ann. Entomol. Soc. Am.* 94(1): 146-151.

CLUB EVENT Insects Donation to Noxubee Conservation Center

As indicated in *The facet* Volume 1, Issue 2, **MSU Entomology Club** donated two insect boxes to Noxubee Conservation Center. The club will assist the director with putting together insect display for the school children. Graduate students, faculty and staff are encouraged to donate insects for the Center. The goal is to compile a collection of insects from the Noxubee Wildlife area. Thanks for those who have already donated – and more are needed. The boxes are now available in the graduate student office 135. You may also want to visit their website:

<http://www2.msstate.edu/~goodman/noxubee/index.html>

Say bye ... ☹️☹️☹️

Mario Carrillo will be continuing his education in Minnesota, leaving in August; Judy Liu will be continuing her education in Texas. Good luck to both of you!!

Entomology etymology

Thought that you may be interested in knowing a few entomology words in other languages. We start this time with 'butterfly'.

"Butterfly" in English

Middle English *buterflie*, Old English *buttorfleoge* (written citation 1000 C.E.). The Oxford English Dictionary notes some old Dutch words *botervlieg* and conjectures that butterfly excrement may have been thought to resemble butter, hence giving the name butterfly.

"Butterfly" in other languages

<i>Psyche</i>	ancient Greek; also meant 'soul' and 'breath' (now 'mind').
<i>Petaloudia</i>	modern Greek; related to the words for 'petal', 'leaf', 'spreading out'.
<i>Papillion</i>	French
<i>Fifoldara</i>	Anglo-Saxon
<i>Farfalla</i>	Italian; the pasta, farfalle, often called bow ties in the U.S., are really butterflies.
<i>Barboleta</i>	Portuguese
<i>Mariposa</i>	Spanish; includes both butterflies and moths.
<i>Babochka</i>	Russian; also means 'bow tie'. It's a diminutive of <i>baba</i> or <i>babka</i> (= woman, grandmother, cake).
<i>Pillango/lepke</i>	Hungarian
<i>Hu-tieh</i>	Mandarin; as the word 70 (years) is <i>tieh</i> , the butterfly becomes a symbol of longevity. It also represents young men in love (whereas in Japan it is young maidenhood or marital happiness).
<i>Serangga</i>	Indonesian

Source: Bugbios Issue 4, November 1997 (by Matthew Rabuzzi)



Team of editors: Sandra Woolfolk, Jennifer Murray, Johnson Zeledón, & Mario Carrillo