



Polly Graham, Editor
Abbey Monnin, Co-Editor

Newsletter

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MESSAGE FROM MAIN OFFICE

Greetings to all from the front office:

Winter quarter has kicked in to high gear and I think it's safe to say that no one is suffering from too much spare time. Nonetheless, I hope that you'll make time in your schedules for the annual **Museum Open House On February 16**. This year's theme will be *Alien Invaders*. The Open House will be preceded by a lecture by *Dan Simberloff*, Nancy Gore Hunger Professor of Environmental Studies and Director of the Institute for Biological Invaders at the University of Kentucky-Knoxville. This event is one of the highlights of our year and a very visible contribution that Entomology makes to the citizens of the State of Ohio.



Also, please remember that CRIS reports, FARs and impact statements are due this month. Since our departmental budget will be determined, in part, by these data, it is imperative to turn the paperwork in.

Best,
Susan

CALENDAR

February 5th **Graduate Studies Committee meeting.**
Aronoff 422, 3:00PM-5:00PM.

February 14th **Faculty Meeting.**
Aronoff room 422, 2:00PM-5:00PM.
videolink to Thorne Hall, Wooster.

PRESENTATIONS

Cañas, L. A. Current management practices for control of greenhouse insect pests. *Maumee, OH. 3 January, 2008.*

Cañas, L. A. Greenhouse update. *Pesticide Re-certification Conference. Dayton, OH. 15 January, 2008.*

Cañas, L. A. Interioscape update. *Pesticide Re-certification Conference. Dayton, OH. 15 January, 2008.*

Cañas, L. A. Problem detection: identification and sampling. *Spanish Educational Program: Pest Identification and Management. Westfield, IN. 16 January, 2008.*

Cañas, L. A. Alternate tactics beside pesticide use. *Spanish Educational Program: Pest Identification and Management. Westfield, IN. 16 January, 2008.*

Cañas, L. A. Pesticide Use. *Spanish Educational Program: Pest Identification and Management. Westfield, IN. 17 January, 2008.*

Chorbadjian, R. A. Identificación y ciclo de vida de insectos en plantas ornamentales. *Central Environmental Nursery Trade Show - Ohio Nursery and Landscape Association. Columbus, OH. 22 January, 2008.*

Hermes, D.A. Diagnosing and identification of wood-borers. *2008 Ohio State University Nursery Short Course. Columbus, OH. 20 January, 2008*

Hermes, D.A. Consequences and mitigation of global warming. *College of Wooster Focus the Nation Panel Discussion. Wooster, OH. 30 January, 2008.*

Hammond, R. Agronomic Insect Update. *Crop Production Conference. Columbus, OH. 3 January, 2008.*

Hammond, R. Soybean Insect Update. *Ohio Seed Improvement Association (OSIA) 2008 Seed School. Columbus, OH. 10 January, 2008.*

Hammond, R. Insects in Corn and Soybean. *Corn/Soybean Day, Fulton County. 11 January, 2008.*

Hammond, R. Corn Insect IPM. *Agronomy Day, Shelby County. 14 January, 2008.*

Hammond, R. Alfalfa & Soybean Insect IPM. *Agronomy Day, Shelby County. 14 January, 2008.*

Hammond, R. Insect Management in No-Till Systems. *11th Annual Tri-State Conservation Tillage Conference. West Middlesex, PA. 22 January, 2008.*

Hammond, R. Soybean Aphid Update. *11th Annual Tri-State Conservation Tillage Conference. West Middlesex, PA. 22 January, 2008.*

Hammond, R. Slugs and Other Insect Control Concerns in No-Till Field Crops. *Southwest PA Crop Conference. Greensburg, PA. 23 January, 2008.*

Hammond, R. Insect Issues in No-Till Crops. *Southwest PA Crop Conference. Greensburg, PA. 23 January, 2008.*

Hammond, R. How We Do No-Till in Ohio. *Southeast PA Crop Conference. Reading, PA. 24 January, 2008.*

Hammond, R. Managing Slugs in No-Till Systems. *Southeast PA Crop Conference. Reading, PA. 24 January, 2008.*

Hammond, R. Insect Update. *Top Farmers of Ohio. Columbus, OH. 26 January, 2008.*

Keeney, G.D. Introduction to the selection, care and use of arthropods in the elementary classroom. *OSU Elementary Education Science Methods Course (ED T & L 743.70), OSU Main Campus, Arps Hall, 29 January, 2008. (2 classes x 25 students).*

Kuniyoshi, C. H., L. A. Cañas, and P. L. Phelan. Can fungus gnat attack on poinsettias exacerbate whitefly problems?. *55th Annual Meeting of the Entomological Society of America. San Diego, CA, 9 December, 2007.*

Kuniyoshi, C. H., L. A. Cañas, and P. L. Phelan. Nutrient-mediated interaction between above- and below-ground herbivores and its effect on the amino acid composition of poinsettias. Display presentation. *55th Annual Meeting of the Entomological Society of America. San Diego, CA, 10 December, 2007.*

Medina-Ortega K. J., L. A. Cañas. The amino acid composition of poinsettia cultivars: Effects on whitefly preference and performance. Display presentation. *55th Annual Meeting of the Entomological Society of America. San Diego, CA, 10 December, 2007.*

Phelan, P. L., S. A. Hogenhout, and L. A. Cañas. Functional genomics to study the modulation of aboveground insect herbivores and phytopathogens by belowground microbiota. *55th Annual Meeting of the Entomological Society of America. San Diego, CA, 12 December, 2007.*

Ranger, C., L. A. Cañas, J. Frantz, A. P. Singh, J. Locke and M. Reding. Silicon-inducible defenses of *Zinnia elegans* against *Myzus persicae*. *55th Annual Meeting of the Entomological Society of America. San Diego, CA, 9 December, 2007.*

Rodriguez, A. and W.A. Foster. Insemination Capacity of Male *Anopheles gambiae*. *Entomological Society of America Annual Meeting. San Diego, CA. December 9-12, 2007.*

Stone, C.M., Taylor, R.M. & Foster, W.A. Sugar availability determines male *Anopheles gambiae* mating capability. *Annual Meeting of the Entomological Society of America. San Diego, CA. 10 December, 2007.*

PUBLICATIONS

Ebert TA, P Kevan, B Bishop, S Kevan, RA Downer. 2007. Oral toxicity of essential oils and organic acids fed to honeybees (*Apis mellifera*). **Journal of Apicultural Research. 46(4): 220-224.**

Purrington, F.F. and Maxey, R.M. 2006. First record of *Harpalus ochropus* Kirby (Coleoptera: Carabidae) from Minnesota and the contiguous United States. **The Great Lakes Entomologist 39(3+4):219-220.**

Raczkowski, J. R. and J. W. Wenzel. 2007. Biodiversity studies and their foundation in taxonomic scholarship. **Bio Science 57: 974-979.**

Wallis, C., Eyles, A., Chorbadian, R., McSpadden Gardener, B., Hansen, R., Cipollini, D., Herms, D. A., Bonello, P. 2008. Systemic induction of phloem secondary metabolism and its relationship to resistance to a canker pathogen in Austrian pine. **New Phytologist 177 (3): 767-778.**

Yoder, J.A., Benoit, J.B., Denlinger, D.L., Tank, J.L. and Zettler, L.W. 2008. An endosymbiotic conidial fungus, *Scopulariopsis brevicaulis*, protects the American dog tick, *Dermacentor variabilis*, from desiccation imposed by an entomopathogenic fungus. **Journal of Invertebrate Pathology 97: 119-127**

MISCELLANEOUS

Congratulations to Claudia H. Kuniyoshi for her runner-up award at 55th Annual Meeting of the Entomological Society of America. San Diego, CA, 10 December, 2007. Claudia won the award for her display presentation entitled "Nutrient-mediated interaction between above- and below-ground herbivores and its effect on the amino acid composition of poinsettias."

Congratulations to Karla J. Medina-Ortega for her runner-up award at 55th Annual Meeting of the Entomological Society of America. San Diego, CA, 10 December, 2007. Karla won the award for her display presentation entitled "The amino acid composition of poinsettia cultivars: Effects on whitefly preference and performance."

Norman Johnson and Luciana Musetti travelled to Ottawa, Canada to work with their collaborator, Dr. Lubomir Masner at the Canadian National Insect Collection. 18-25 January.

The **Newsletter** is a monthly publication of the of the *Department of Entomology, The Ohio State University*. All in the Department are encouraged to submit news, current happenings, achievements, images and important deadlines related to the OSU Entomology faculty, staff and students.

Send material for next month's **Newsletter** to Abbey or Polly.

Newsletter design: L. Musetti (2007-2008)