

Tuesday – October 22, 2012

MEA TPB Symposium (Bost Theater)

- 1:30 Highlights of 30 Years of Research on TPB in the Mississippi Delta. **G. Snodgrass**
- 2:00 Current and Future Approaches to Managing TPB in Mississippi. **A. Catchot**
- 2:15 TPB Control Technologies: Diversity, Resistance, and Sustainable Management in Mississippi. **J. Gore**
- 2:30 Area-Wide Management Approaches for TPB in Mississippi: Current and Future Options. **D. Cook**
- 2:45 Source of TPB Colonizing Cotton in Mississippi: Future Management Options. **R. Jackson**
- 3:00 Depth of Current Scientific Literature on TPB Ecology in Mississippi and Critical Information Needs. **K. Parys**
- 3:15 Alternative Control Measures for TPB in Mississippi. **M. Portilla**
- 3:30 Understanding TPB Genetics and Population Structure in Mississippi. **O.P. Perera**
- 3:45 Student Research Addressing TPB in Mississippi. **F. Musser**

MEA General Session (Bost Theater)

- 4:00 Pursuit of the Parumapertus Agent: A Long Lost Tick-borne Rickettsia. **J. Goddard**, R. M. Goddard and C. Paddock
- 4:12 Effects of Termites on Wood Decay and Microbial Communities in Flooded and Unflooded Forests. **M. D. Ulyshen**, S. V. Diel.
- 4:24 Saliva of *Lygus lineolaris* Digests Double Stranded Ribonucleic Acids. **M. L. Allen**.
- 4:36 Are plant trichomes harmful to predatory insects and mites? **E. W. Riddick**, A. M. Simmons.
- 4:48 Dr. George H. Bradley and the Southern Buffalo Gnat in Mississippi and Arkansas. **K. T. Edwards**, J. Goddard.

MEA M.S. Poster Competition (Bost South)

- 1 Emergence of *Helicoverpa zea* (Boddie) from corn in Mississippi. **T. Dill**, A. Catchot, J. Gore, F. Musser, D. Cook, M. Caprio.
- 2 Impact of Leaf Pubescence and Irrigation on Tarnished Plant Bug in Cotton. **W. Wood**, J. Gore, D. Cook, J. Krutz, A. Catchot.

MEA Ph.D. Poster Competition (Bost South)

- 3 The Effect of Circadian Rhythm on the Polygalacturonase Gene Expression of the Tarnished Plant Bug, *Lygus lineolaris*. **D. Flemming**, N. Krishnan, F. Musser.
- 4 Methodology for Diet Incorporated Dose-Mortality Bioassays with Diamide Insecticides. **A. Adams**, J. Gore, A. Catchot, D. Cook, F. Musser.

MEA General Posters (Bost South)

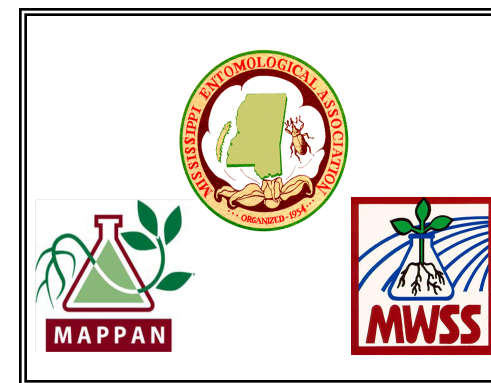
- 5 Notes and New Distributional Records of Invasive Ants in the Southeastern United States. **J. A. MacGown**, H. Richter, R. Brown.
- 6 Results from the Regional Identification Center of the USDA-APHIS (Eastern Region) for the 2013 Wood Boring Beetle Surveys, Including New County Records. **J. Seltzer**, T. Schiefer, R. Brown.
- 7 Using our Natural Resources to Control Mosquitoes: The Louisiana Native Plant Initiative. **W. Dees**, A. Richard, J. Dupre, S. McMicken, O. Christian, C. Richmond, J. Hightower, J. Woolman.
- 8 Mosquito Oviposition Response to Botanical Extracts. **W. Dees**, J. Dupre, A. Richard, O. Christian, S. McMicken, C. Richmond, J. Hightower, J. Woolman.
- 9 The Effects of Plant Parts from Seven Plant Families on the Yellow Fever Mosquito, *Aedes aegypti*. **W. Dees**, J. Theriot, J. Byrne, K. Leonards, A. Richard, J. Dupre, C. Ardizzone, T. Estrada, O. Christian, C. Richmond, J. Hightower, A. Daugeaux, S. Mopper, J. Woolman.
- 10 Comparison of the Genitalia from Northern and Southern Populations of *Neonympha mitchellii* (French), including *N. francisci* (Pearson and Kral). **J. Seltzer**, J. Hill.

3rd Annual

MEA MWSS MAPPAN Joint Meeting

October 21-22
2013

*Bost Extension
Center
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Monday — October 21, 2012

- 10:00 am MEA Executive Committee Meeting (Clay Lyle Conference Room)
- 12:00-5:00 Registration
- 1:00-4:00 Medical/Veterinary Entomology Roundtable (Bost)
- 1:00-4:00 Joint MEA, MAPPAN, MWSS Row Crop Roundtable Discussion (Bost)
- 6:00 **Industry Sponsored Mixer and Steak Supper (Bull Barn)**

Tuesday – October 22, 2012

MEA, MAPPAN, MWSS (Bost Theater)

- 7:30 Registration Opens
- 8:00 Call to Order—Chris Daves Presiding

MEA Ph.D. Student Competition (Bost Theater)

- 8:10 Development Time and Survival of Delta and Hills Populations of Tarnished Plant Bug (*Lygus lineolaris*) on Various Diets. **D. Fleming** and F. Musser
- 8:22 Efficacy and Longevity of Diamide Insecticides in Mississippi Soybean Production. **A. Adams**, J. Gore, A. Catchot, D. Cook, F. Musser
- 8:34 Cold Tolerance of the Redbay Ambrosia Beetle (*Xyleborus glabratus*) - Implications for Invasion Potential in North America. **J. P. Formby**, N. Krishnan, and J. Riggins
- 8:46 The Effects of Simulated Corn Earworm Damage in Soybean. **B. Adams**, A. Catchot, D. Cook, J. Gore, and F. Musser.
- 8:58 Predictive Value of Gravid Trapping and Testing of Female *Culex quinquefasciatus* Mosquitoes for West Nile Virus in Mississippi. **W. C. Varnado** and J. Goddard.

9:10 **Break**

MEA M.S. Student Competition (Bost Theater)

- 9:30 Case of Enteric Myiasis Caused by Larvae of the Soldier Fly, *Hermetia illucens*. **K. Hoppens**, J. Goddard, K. Lynn.
- 9:42 Impact of Tarnished Plant Bug, *Lygus lineolaris* (Palisot de Beauvois), on Yield and Maturity of Cotton. **W. Wood**, J. Gore, A. Catchot, C. Dobbins, B. Olivi.
- 9:54 Arthropod Contributions to Fine Woody Debris Decay in a Warm Temperate Forest. **A. M. Stoklosa**, M. D. Ulyshen, Z. Fan.
- 10:06 Impacts and Species Composition of Thrips on Seedling Cotton in the Mid-South. **J. North**, A. Catchot, J. Gore.
- 10:18 The Pest Status of Threecornered Alfalfa Hopper in Mississippi Soybean. **J. Ramsey**, A. Catchot, D. Cook, J. Gore.
- 10:30 Impact of Planting Date and Maturity Group on the Occurrence of Lepidopteran Pests in Mississippi Soybean. **N. Bateman**, A. Catchot, J. Gore, D. Cook.
- 10:42 Attempts to Feed Larval Ticks, *Amblyomma maculatum* Koch and *A. americanum* (L.) (Acari: Ixodidae) on Two Arthropod Hosts. **J. S. Portugal**, J. Goddard.
- 10:54 Drift and Deposition of Neonicotinoid Contaminated Seed Lubricants on Wild Flowers. **A. Whalen**, A. Catchot, J. Gore, G. Lorenz, S. Stewart, D. Cook, F. Musser, and J. Harris.
- 11:06 Factors That Impact Headworm Management in Grain Sorghum. **C. Dobbins**, J. Gore, A. Catchot, D. Cook, B. Olivi.
- 11:18 Residual Efficacy of Chlorantranilprole and Flubendiamide Against Fall Armyworm in Field Corn. **B. Olivi**, D. Cook, F. Musser, C. Dobbins, J. Gore.
- 11:30 Distribution of *Helicoverpa zea* (Boddie) and *Heliothis virescens* (F) in Cotton/Soybean Landscapes. **T. D. Dill**, A. Catchot, J. Gore, F. Musser, M. Caprio.

MEA Business Meeting (Bost Theater)

- 11:42 MEA Business Meeting
- 12:00 MEA and MAPPAN Awards Luncheon**

Tuesday – October 22, 2012

MAPPAN General Session (Bost North)

- 8:30 Design and Implementation of a Public Database for a Plant Diagnostic Laboratory. C. Balbalian, A. K. Knight, **A. Henn**.
- 8:45 Mycotoxin Contamination in Corn Smut (*Ustilago maydis*) Galls in the Field and in the Grocery Store. **H. Abbas**.
- 9:00 A Molecular and Biological Examination of Ectotrophic Root-Infecting Fungi Isolated from Roots of Ultradwarf Bermudagrass Putting Greens. **P. L. Vines**, M. Tomaso-Peterson, T. W. Allen, B. R. Stewart, F. Meyer, J. Dubien
- 9:15 Biological Control of Bacterial Canker of Tomato. **P. Deng**, S. M. Baird, S. Lu
- 9:30 Efficacy of Fungicides Against *Cercospora sojina* in Mississippi Soybean. **T.H. Wilkerson**, J.T. Irby, B.R. Golden, T.W. Allen
- 9:45 A Survey of Frogeye Leaf Spot in Mississippi Soybean Production Fields and Future Studies of Qol Resistance. **J. Standish**, M. Tomaso-Peterson, T.W. Allen, B. Moore, S. Sabanadzovic
- 10:00 Break
- 10:15 Study of Viruses Associated with Yellow Vein Disease of Blackberry in Mississippi and Identification and Characterization of a Novel Species. **P. Ghimire**, N. Abou Ghanem-Sabanadzovic, T. Ho, I.E. Tzanetakis, and S. Sabanadzovic
- 10:30 A Molecular Study of Soybean Resistance to Soybean Cyst Nematode. **S. Pant**, V. Klink
- 10:45 MAPPAN Business Meeting
- 12:00 MEA/MAPPAN Awards Luncheon**

MEA/MAPPAN Award Luncheon 12:00