

72nd Annual Meeting

Georgia Entomological Society



2-4 April 2008

***Lake Blackshear Resort and Golf Club
Cordele, Georgia***

GEORGIA ENTOMOLOGICAL SOCIETY

**PRESIDENT
2007-2008**



Kris Braman

Welcome to the Lake Blackshear Resort and Golf Club for our 72nd meeting of the Georgia Entomological Society. We have a varied program of relevant topics in entomology for the many professional entomologists, students, and others interested in insects in Georgia. On Wednesday afternoon we will have our traditional Bug Run and Golf Tournament. The meeting Thursday will begin with the Founder's Lecture honoring Louis Tedders, and presented by Russell F. Mizell III of the University of Florida. In his 45-year tenure with the USDA, Louis maintained an active and innovative research program that made significant contributions to tree fruit pest management. He also contributed greatly to the success of the GES. We also are honoring two GES Fellows this year, John All and T. Don Canerday. Both have been stalwart supporters and contributors to our society and profession for many years. The special topics symposium centers on the timely issue of human-insect interactions. Our industry panel will update us on exciting new developments, and we will hear about the state of the science and a wide variety of entomological topics in the oral papers and posters to follow, including the student competition. The luncheon will also include a slideshow with the photo contest submissions for this year, and the student awards for 2008 will be presented at the evening reception on a dinner cruise of lovely Lake Blackshear.

S. Kristine Braman is a Professor with the Department of Entomology at the University of Georgia. Her undergraduate degrees were in Forest Biology from Syracuse University and S.U.N.Y. College of Environmental Science and Forestry, and her graduate degree is in Entomology from the University of Kentucky. Her research and teaching experiences have focused on pest management and applied entomology serving the Green Industry. She has been active in the Georgia Entomological Society and the Southeastern Branch of the Entomological Society of America and has served on numerous committees.

SCHEDULE OF EVENTS

Wednesday, 2 April 2008

GES Golf Tournament	12:00 pm, Lake Blackshear Golf Club. Stormy Sparks
Entomology Run/Walk	Meet in Lake Blackshear Resort lobby at 4:00 pm, John All
Executive Committee	Georgia Center lobby 7:30 – 8:30 pm

Thursday, 3 April 2008

7:00 – 8:00 am	Buffet Breakfast, Resort Main Building Lobby
7:30 – 8:30 am	Registration, Resort Main Building Lobby
7:30 – 8:30 am	Poster Set Up, Resort Main Building Lobby
8:30 – 5:00 pm	Poster Displays, Resort Main Building Lobby
8:00 – 8:30 am	Welcome and Announcements, Blackshear Ballroom A
8:30 – 9:00 am	2008 Founders Lecture, Blackshear Ballroom A
9:00 – 9:45 am	Industry Panel, Blackshear Ballroom A
9:45 – 10:00 am	Break
10:00 – Noon	Symposium – “When Worlds Collide – Humans and Their Insects”, Blackshear Ballroom A
Noon – 1:30 pm	Luncheon & Photo Salon (recognition of 2008 Fellows), Blackshear Ballroom B
1:30 – 2:18 pm	M.S. Student Paper Competition, Blackshear Ballroom A
2:18 – 2:42 pm	Ph.D. Student Paper Competition, Blackshear Ballroom A
2:42 – 3:00 pm	Break
3:00 – 4:36 pm	Contributed Papers, Blackshear Ballroom A
6:00 – 8:00 pm	Dinner and Awards Reception: On boat in Marina

Friday, 4 April 2008

7:30 – 8:30 am	Buffet Breakfast, Resort Main Building Lobby
7:30 – 8:30 am	Registration, Resort Main Building Lobby
8:00 – 11:30 am	Poster Displays, Resort Main Building Lobby
8:00 – 8:30 am	Authors at Posters
8:30 – 9:42 am	Contributed Papers, Blackshear Ballroom A
9:42 – 10:00 am	Break
10:00 – 10:48 am	Contributed Papers, Blackshear Ballroom A
11:00 – 12:00 pm	Business Meeting, Blackshear Ballroom A
12:00 pm	Adjourn

**GEORGIA ENTOMOLOGICAL SOCIETY
2008 FOUNDER HONOREE**



Louis Tedders

Walker Louis Tedders, Jr., was born in 1935 in Albany, Georgia, where he attended grammar school, junior High and graduated from Albany High in 1953. He graduated from Mercer University in 1957 with an AB degree in Science. Louis married Iris Hubble, also a native of Albany, in 1956. After college, he entered the U.S. Army and served as Lieutenant for two years at Ft. Lee, VA, Ft. Polk, LA and Ft. Hood, TX. Louis and Iris were blessed with three children: Julie, Phillip and Stuart.

Louis began his entomological career with the USDA Agricultural Research Service Pecan Research Lab in Albany in 1960, but was recalled to active duty during the 1961 Berlin Crisis. Afterwards, he returned to the Pecan Research Lab in 1961. The Pecan Research Lab was moved from Albany to Byron in 1969. Louis entered graduate school at Clemson University while working at Byron, receiving his MS in Entomology in 1975. Louis' entire career of nearly 35 years was devoted to study of the beneficial and pest insect complex of pecan trees. His career began with evaluations of insecticides for pest control, followed by many years devoted to development and evaluation of blacklight traps and other devices for pest control, and for timing pesticide applications. In the 1970's, his research shifted to studies of the life history, identity and control of the poorly understood pecan aphid complex, focusing on development of biological and alternative controls for these pests. From these studies came research and release of several exotic ladybeetles and native lacewings, and development of several devices used with insects. Louis has authored or co-authored over 160 publications and has four patents with five patents pending. He has given numerous presentations to local, state and national organizations. Louis is a long-standing member of the Georgia Entomological Society, serving as President in 1984, and was selected to give the first Founder's Lecture in 1990.

Louis retired from the USDA in 1995 and began work with Beneficial Insectary in California in 1996 as a consultant. In 1998, he purchased a small insectary from Beneficial Insectary devoted to production of mealworms, which are marketed as food for birds, fish, various vertebrates, and as prey for beneficial organisms. The insectary, known as Southeastern Insectaries, is located in Perry, Georgia. Recently, Southeastern Insectaries began utilizing mealworms as hosts for production of beneficial nematodes that attack white grubs, cutworms, armyworms, citrus root weevils, black vine weevils and small hive beetles. Southeastern Insectaries has received several

SBIR grants from the USDA to improve production, efficacy and storage of nematodes. In all, Louis Tedders has been involved with entomology for nearly fifty years, and still looks forward to new ventures each day.

**GEORGIA ENTOMOLOGICAL SOCIETY
2008 FOUNDERS' LECTURER**



Russ Mizell

Dr. Russell F. Mizell III is a Professor of Entomology with the University of Florida's Institute of Food and Agricultural Sciences and is located at the North Florida Research and Education Center-Quincy. He received a B.S. in biology from Juniata College, M.S. and Ph.D. degrees in entomology from Mississippi State University and was a postdoctoral associate with the University of Georgia, Department of Entomology. Dr. Mizell has research and extension responsibilities for deciduous fruits, pecan, and woody landscape plants with focus on the development of IPM systems. He has authored or coauthored ~300 publications concerned with IPM including pest biology, biological and chemical control, host plant resistance, population dynamics and insect-plant-disease interactions. His current research focuses on methods of evaluating and enhancing biological control, monitoring methods for weevils, leafhoppers, stink bugs, and ambrosia beetles, geospatial analyses of insect population dynamics, and the nutrition and behavioral ecology of the leafhopper vectors of Pierce's disease. Dr. Mizell has been awarded one U.S. patent (stink bug trap), has another submitted (juvenile hormone use on leafhoppers), and a third in development with an industry partner (a predator trap). Dr. Mizell has been awarded 60 competitive grants in excess of \$6.5 million to support his program and won several research awards. He recently concluded a halftime administrative position as the first Director of the USDA-CSREES-sponsored Southern Region Pest Management Center. He is a certified facilitator of Concept Mapping (www.conceptsystems.com), a strategic planning approach, and has mentored about 30 minority and under-privileged high school students. Some of his past and current contributions can be viewed at the websites: [//ufinsect.ifas.ufl.edu](http://ufinsect.ifas.ufl.edu) and [//nrec.ifas.ufl.edu](http://nrec.ifas.ufl.edu).

GEORGIA ENTOMOLOGICAL SOCIETY FOUNDERS' LECTURE SERIES

The Georgia Entomological Society recognizes significant and selfless contributions to science and the GES by means of the GES Founders' Lecture Series, a program that the society began in 1990. The Founders' Lecture serves to honor the individual to whom the lecture is dedicated, and additionally serves to recognize a scholar/researcher of the Society who has contributed significantly and historically to the advancement of our science and/or whose research is at the cutting edge of his/her subdiscipline.

1990 Founder and Lecturer
Theodore L. Bissell, presented by W. Louis Tedders
1991 Founder and Lecturer
Horace O. Lund, presented by Preston E. Hunter
1992 Founder and Lecturer
Hamlin H. Tippins, presented by Wayne A. Gardner
1993 Founder and Lecturer
U. Eugene Brady, Jr., presented by C. Wayne Berisford
1994 Founder and Lecturer
Cedric R. Jordan, presented by T. Don Canerday
1995 Founder and Lecturer
Clifford M. Beckham, presented by Herb Womack
1996 Founder and Lecturer
Oliver I. Snapp, Sr., presented by Carroll E. Younce
1997 Founder and Lecturer
T. Don Canerday, presented by Max H. Bass
1998 Founder and Lecturer
Loy W. Morgan, presented by Max H. Bass
1999 Founder and Lecturer
William Franklin Turner, presented by Dan L. Horton
2000 Founder and Lecturer
Preston E. Hunter, presented by Raymond Noblet
2001 Founder and Lecturer
Harry O. Yates, III, presented by James L. Hanula
2002 Founder and Lecturer
Alton N. Sparks, presented by Beverly Sparks
2003 Founder and Lecturer
James H. Oliver, Jr., presented by Richard L. Osburn
2004 Founder and Lecturer
Sturgis McKeever, presented by Frank E. French
2005 Founder and Lecturer
Herbert H. Ross, presented by J. Bruce Wallace
2006 Founder and Lecturer
Gary A. Herzog, presented by Max H. Bass
2007 Founder and Lecturer
Jerry A. Payne, presented by Ted Cottrell
2008 Founder and Lecturer
Louis Tedders, presented by Russ Mizell

2008 FELLOWS OF THE GEORGIA ENTOMOLOGICAL SOCIETY

Two members of the Society is being recognized as a Fellow of the Georgia Entomological Society at this meeting, Dr. John All and Dr. T. Don Canerday. Such recognition is reserved for individuals who have made significant contributions in entomological teaching, research, extension, or administration.

JOHN ALL



Dr. John N. All is being honored as a Fellow of the Georgia Entomological Society for his exemplary achievements in research and teaching. Dr. All's career in entomology began in 1968 as a student worker at a US Forest Service Lab at Research Triangle Park, NC. At that time, he was majoring in Forest Protection in the School of Forestry at Duke University where he completed an M.S. thesis on bark beetles. He joined the UGA Department of Entomology faculty in 1973 after completing his Ph.D. at the University of Wisconsin. He quickly developed an internationally-recognized program in agricultural entomology. John notes that Dr. T. Don Canerday, Head of the Division of Entomology and Department of Extension Entomology in the College of Agriculture, "was probably most instrumental in supporting me and keeping me on the right track in my teaching and research programs." Indeed, over his 35 years at UGA, he and his students, postdoctoral associates, and faculty collaborators conducted IPM research in various commodities resulting in 425 publications to date.

Dr. All initially taught Agricultural Entomology (ENTO 3740) at UGA. He eventually broadened and modified it to create Insect Pest Management that serves undergraduate education in additional disciplines in the College of Agricultural and Environmental Sciences. He also developed the interdepartmental graduate courses Integrated Pest Management (ENTO/CRSS/PATH 4740/6740) and Pesticides and Transgenic Crops (ENTO/CRSS/PATH 4250/6250) as well as developing a distance learning version of the latter for the UGA Independent and Distance Learning program. Dr. All also was instrumental in the development, coordination and success of the interdisciplinary Master of Plant Protection and Pest Management (MPPPM) program and in the Integrated Pest Management Certificate program for undergraduates. He has served as major advisor to 12 PhD, 14 MS and 27 MPPPM students and has served on the advisory committees of 112 graduate students. These efforts and successes have earned Dr. All numerous teaching honors and accolades, including the Southeastern Branch ESA Distinguished Achievement Award in Teaching.



T. DON CANERDAY

Dr. T. Don Canerday is honored as a Fellow of the Georgia Entomological Society for his outstanding leadership in research, extension, teaching and administration in our entomological profession. He is nationally recognized for his pioneering research and educational programs in IPM that shifted applied entomology and associated disciplines to management programs with enhanced efficiency, improved profit margin, greater human safety, and increased environmental awareness.

Dr. Canerday came to the University of Georgia in 1968 after serving on the Entomology faculty at Auburn University where he led a highly visible teaching and applied research program. At UGA, Don served as Department Head at the Coastal Plain Experiment Station in Tifton (1968-1975) and as state-wide Department Head of Extension Entomology and Division Chair of Entomology in Athens (1975-1995). During this time, the Entomology Division grew to as many as 38 faculty and programs diversified into biological control, molecular entomology, and IPM.

Dr. Canerday served as Chair of the Council of Entomology Department Administrators (CEDA), as President of the Southeastern Branch of the Entomological Society of America, and as President of the Georgia Entomological Society. He is recipient of the USDA Distinguished Service Award, the Georgia Beekeepers Outstanding Service Award, the Georgia Cotton Industry Distinguished Service Award, and is honorary member of the Southeastern Aerial Applicators.

Although Dr. Canerday retired in 1995, his influence and leadership continually contribute to our discipline and our service to science and mankind. As Dr. Canerday always touted, "My philosophy was to hire the very best, to provide for them, and then to get out of their way."

FELLOWS OF THE GEORGIA ENTOMOLOGICAL SOCIETY

1991	James H. Oliver, Jr	2004	Frank E. French
1992	Preston E. Hunter	2005	C. Wayne Berisford
1993	Alton N. Sparks	2005	Daniel V. Hagan
1994	J. Bruce Wallace	2006	Wayne Gardner
1995	Harry O. Yates, III	2006	Lance Peterson
1998	Sturgis McKeever	2007	James Dutcher
2000	Rudolph T. Franklin	2007	Keith Griffith
2001	W. Joe Lewis	2008	John All
2002	Richard B. Chalfant	2008	T. Don Canerday
2003	Ronald D. Oetting		

Thursday, 3 April, 2008

OPENING SESSION

Lake Blackshear Resort, Blackshear Ballroom A

President Kris Braman, presiding

7:30 – 8:30 am	Registration, Resort Main Building Lobby Desk
7:30 – 5:00 pm	Presentation previews – Blackshear Ballroom B (not available from 11:30 am until 2 pm)
8:30 – 5:00 pm	Poster Displays, Resort Main Building Lobby Area (adjacent to meeting rooms)
8:00 – 8:30 am	Welcome and Announcements, Room
8:30 – 9:00 am	GES 2008 Founders Lecture Honoring Louis Tedders Presented by Russ Mizell
9:00 – 9:45 am	Industry Panel Moderator: <i>Tony Weiss</i> (Dow AgroSciences) Herbert Young – Bayer Crop Sciences Tony Estes - UPI David King - Nichino James Hadden - Syngenta Gerald Harrison - AMVAC Keith Griffith - Chemtura Tony Weiss – Dow AgroSciences
9:45 – 10:00 am	Break
10:00 – Noon	Symposium – “When Worlds Collide -- Humans and Their Insects” Moderator: <i>John Ruberson</i>
10:10	Continental Collisions – Africanized Bees. <i>Phil Koehler</i> (University of Florida, Gainesville)
10:35	Colony Collapse Disorder – Bees Gone Wild or Bees Just Gone? <i>Keith Delaplaine</i> (University of Georgia, Athens)
11:00	High Class Meets Real Crass – Bedbugs in the Midst. <i>Roberto Pereira</i> (University of Florida, Gainesville)
11:25	Delusory Parasitosis – Where are the Bugs? <i>Nancy Hinkle</i> (University of Georgia, Athens)
11:50	Adjourn

Noon – 1:30 pm	Luncheon and Photo Salon , Blackshear Ballroom B (recognition of 2008 GES Fellows) Moderator: <i>Stormy Sparks</i>
----------------	--

Thursday, 3 April 2008 Lake Blackshear Resort, Blackshear Ballroom A	
M.S. STUDENT PAPER COMPETITION Moderator: Michael Toews (University of Georgia)	
1:30	New Species of <i>Stethorus</i> Weise from Perú (Coleoptera: Coccinellidae). <i>Lori B. Robinson</i> (Georgia College and State University, Milledgeville)
1:42	Family Bothrideridae: Some of the coolest beetles you've never heard of, with a revision of the genus <i>Deretaphrus</i> Newman (Coleoptera: Bothrideridae). <i>Nathan P. Lord, Joseph V. McHugh</i> (University of Georgia, Athens)
1:54	Relationship Between Sucking Louse Size and Host Size. <i>S. Cannon, Lance A. Durden</i> (Georgia Southern University, Statesboro)
2:06	The Potential Effects of Pollen on Thrips Reproduction. <i>Gina Angelella</i> (University of Georgia, Tifton)
PH.D. STUDENT PAPER COMPETITION Moderator: Michael Toews (University of Georgia)	
2:18	Calling a clade a clade: Farewell to <i>Anovia</i> Casey. <i>Juanita A. Forrester, Natalia J. Vandenberg, Joseph V. McHugh</i> (University of Georgia, Athens)
2:30	Effect of dinotefuran, clothianidin, and imidacloprid on suppression of hemlock woolly adelgid, <i>Adelges tsugae</i>. <i>Shimat V. Joseph, S. Kristine Braman</i> (University of Georgia, Griffin)
2:42 – 3:00	BREAK

Thursday, 3 April 2008 Lake Blackshear Resort, Blackshear Ballroom A	
CONTRIBUTED PAPER SESSION Moderator: Dawn Olson (USDA-ARS)	
3:00	An Inconspicuous Visitor to Beehives, the Winter Honey Ant, <i>Prenolepis imparis</i> (Hymenoptera: Formicidae). <i>Mark E. Headings</i> (Ohio State University, Wooster)
3:12	Colorado State AgImages Joining with the Bugwood Network to Improve the Image and Educational Support System for Integrated Pest Management. <i>Joseph LaForest, G. Keith Douce, David J. Moorhead, Charles Barger</i> (University of Georgia, Tifton)
3:24	Ticks and Associated Tick-borne Symbionts of Black Bears in Georgia and Florida. <i>Todd N. Nims</i> (Georgia Department of Natural Resources, Social Circle), <i>Lance A. Durden</i> (Georgia Southern University, Statesboro), <i>Mason Savage, Michael Yabsley</i> (University of Georgia, Athens)
3:36	Degree day analyses for predicting spring emergence of the granulate ambrosia beetle, <i>Xylosandrus crassiusculus</i>. <i>C. Gomez, R. F. Mizell, III, T. C. Riddle</i> (North Florida Research and Education Center, University of Florida, Quincy)
3:48	Degree day analyses for predicting spring emergence of the plum curculio. <i>R. F. Mizell, III, C. Gomez, T. C. Riddle</i> (North Florida Research and Education Center, University of Florida, Quincy)
4:00	Efficacy of Synapse and Movento Against Sweet Potato Whitefly in Greenhouse Trials. <i>Alton N. Sparks, Jr.</i> (University of Georgia, Tifton)
4:12	Management of the <i>Bemisia tabaci</i> 'Q' strain with new chemistries. <i>Monica D. Townsend, Ronald D. Oetting</i> (University of Georgia, Griffin)
4:24	Comparison of neonicotinoid insecticides for grub control in turf. <i>S. Kristine Braman</i> (University of Georgia, Griffin)
4:36	ADJOURN
6:00 – 8:00 pm	Reception & Student Awards Recognition Dinner Boat on Lake Blackshear – Meet at Marina

Friday, 4 April 2008 Lake Blackshear Resort, Blackshear Ballroom A	
7:30 – 8:30 am	Registration, Resort Main Building Lobby Desk
7:30 – 11:00 am	Presentation previews – Blackshear Ballroom B
8:00 – Noon	Poster Displays, Resort Main Building Lobby Area (adjacent to meeting rooms)
8:00 – 8:30 am	Authors at Posters
CONTRIBUTED PAPER SESSION Moderator: David G. Riley	
8:30	Neonicotinoid Seed Treatments for Control of Corn Soil Insects. <i>G. David Buntin</i> (University of Georgia, Griffin)
8:42	Economic Injury Level of Brown Stink Bug Damage on Developing Corn Ears. <i>Xinzhi Ni</i> (USDA-ARS, Tifton), <i>Kedong Da</i> (University of Georgia, Griffin), <i>G. David Buntin</i> (University of Georgia, Griffin), <i>Ted E. Cottrell</i> (USDA-ARS, Byron), <i>P. Glynn Tillman</i> (USDA-ARS, Tifton), <i>Dawn M. Olson</i> (USDA-ARS, Tifton), <i>Matthew D. Krakowsky</i> (USDA-ARS, Tifton)
8:54	Pest Control Methods to Replacement Dicofol and Aldicarb in Commercial Pecan Orchards. <i>James D. Dutcher</i> , <i>Will Hudson</i> (University of Georgia, Tifton)
9:06	Attempts to associate green bean syndrome in soybeans with pod removal and defoliation. <i>Robert M. McPherson</i> (University of Georgia, Tifton)
9:18	Influence of thrips damage on early season root growth in cotton. <i>Phillip M. Roberts</i> , <i>Robert Kemerait</i> (University of Georgia, Tifton), and <i>Steve M. Brown</i> (Dow Agrosiences, Tifton)
9:30	Plant-Herbivore-Carnivore Interactions In Cotton, <i>Gossypium Hirsutum</i>: Linking Belowground And Aboveground. <i>Dawn M. Olson</i> (USDA-ARS, Tifton), <i>Richard F. Davis</i> (USDA-ARS, Tifton), <i>Felix L. Wäckers</i> (Lancaster University, UK), <i>Glen C. Rains</i> (University of Georgia, Tifton), <i>Tom Potter</i> (USDA-ARS, Tifton)
9:42 – 10:00 am	BREAK

CONTRIBUTED PAPER SESSION (Continued) Moderator: Robert M. McPherson	
10:00	Nitrogen effects on cotton plant hormone and defensive compounds production. <i>Yigen Chen</i> (USDA-ARS, Tifton), <i>John R. Ruberson</i> (University of Georgia, Tifton)
10:12	Spatiotemporal Patterns and Dispersal of Stink Bugs (Heteroptera: Pentatomidae) in Peanut-Cotton Farmscapes. <i>P. Glynn Tillman</i> (USDA-ARS, Tifton), <i>Tobin Northfield</i> (Washington State University, Pullman), <i>Russ Mizell</i> (North Florida Research and Education Center, University of Florida, Quincy), <i>Charles Riddle</i> (North Florida Research and Education Center, University of Florida, Quincy)
10:24	A Comparison of Sampling Methods for Stink Bugs in Cotton. <i>Michael D. Toews</i> (University of Georgia, Tifton)
10:36	Natural Enemies of Stink Bugs in Georgia. <i>John R. Ruberson</i> , <i>Melissa D. Thompson</i> , <i>Russell J. Ottens</i> (University of Georgia, Tifton)
11:00 – 12:00	BUSINESS MEETING
12:00 pm	ADJOURN

POSTER DISPLAYS

THURSDAY-FRIDAY, 3-4 April 2008
Lake Blackshear Resort Main Building Lobby

Posters will be on display continuously from 8:30 am to 5:00 pm on Thursday, 3 April, and from 8:00 am to 11:30 am on Friday, 4 April. Authors are asked to stand with posters from 8:00 – 8:30 am on Friday.

STUDENT POSTER COMPETITION

SP-1	The Outdoor Classroom Project: An Interdisciplinary Service-Learning Project. <i>Marianne Robinette</i> (University of Georgia, Athens)
SP-2	Get a haircut: a morphological study of <i>Dastarcus Walker</i> (Coleoptera: Cucujoidea: Bothrideridae). <i>James A. Robertson, Joseph V. McHugh</i> (University of Georgia, Athens)
SP-3	Analytical microscopy methods for examining morphological characters and physiological properties in beetle mandibles. <i>Nathan P. Lord, J.P. Shields, J.V. McHugh</i> (University of Georgia, Athens)
SP-4	Chikungunya Virus (CHIKV) an Arbo-Alphavirus Indigenous to Tropical Africa and Asia, Threat to SE United States. <i>Krista S. Wieters</i> (Mercer University, Macon), <i>Daniel V. Hagan</i> (Mercer University, Macon), <i>Bennet Abraham</i> (Somervell – Memorial CSI Medical College & Hospital, Karakonam, Kerala, India)
SP-5	Increase in Blood-Feeding Behavior by <i>Wyeomyia smithii</i> in Georgia. <i>P. M. Newberry</i> (Oxford College of Emory University, Oxford), <i>William S. Irby</i> (Georgia Southern University, Statesboro)
SP-6	Vulnerability or Resistance to Insect Defoliators Associated With the Elite Soybean Germplasm 'Benning'. <i>Michelle Samuel-Foo, David Walker</i> (National Soybean Research Center, University of Illinois, Urbana-Champaign), <i>John N. All, Shuquan Zhu, Roger Boerma</i> (University of Georgia, Athens)
SP-7	Distribution and Abundance of Hemlock Woolly Adelgid within a Hemlock Stand. <i>Shimat V. Joseph</i> and <i>S. Kristine Braman</i> (University of Georgia, Griffin), <i>Jim Hanula</i> (USDA Forest Service, Athens)

REGULAR POSTER DISPLAYS

DP-1	Home Grown Diversity: A Survey of the Moth Fauna Found on a Suburban Front Porch. <i>Lisa M. Ames</i> (University of Georgia, Griffin)
DP-2	Landscape-level population dynamics of glassy-winged sharpshooter in northern Florida. <i>Russ F. Mizell III</i> (North Florida Research and Education Center, University of Florida, Quincy)
DP-3	Trap cropping: a farm scale and philosophy neutral suppression tactic for the major pestiferous genera of stink and leafhopper bugs in the southern U.S. <i>Russ F. Mizell III</i> (North Florida Research and Education Center, University of Florida, Quincy)
DP-4	Persistence and level of inoculated <i>Salmonella typhimurium</i> in larval and adult darkling beetles. <i>Aubree J. Roche, N.A. Cox</i> (USDA-ARS, Athens), <i>L.J. Richardson</i> (USDA-ARS, Athens), <i>R.J. Buhr</i> (USDA-ARS, Athens), <i>B.D. Fairchild</i> (University of Georgia, Athens), <i>G.R. Siragusa</i> (USDA-ARS, Athens), <i>N.C. Hinkle</i> (University of Georgia, Athens)
DP-5	Use of the Sella Stage, a blood-meal age-grading technique, for making inferences about mosquito flight behaviors. <i>William S. Irby, Dallas Louis</i> (Georgia Southern University, Statesboro)
DP-6	Thrips monitoring to predict tomato spotted wilt incidence in flue-cured tobacco. <i>Robert M. McPherson, Stan Diffie</i> (University of Georgia, Tifton)
DP-7	Insect Management Using Pyramided cry1Ac and Native Resistance Genes in 'Benning' Soybean. <i>John N. All, H. R. Boerma, W. A. Parrott, S. Zhu, and D.R. Walker</i> (University of Georgia, Athens)

OFFICERS AND COMMITTEE ASSIGNMENTS OF THE GEORGIA ENTOMOLOGICAL SOCIETY

OFFICERS AND EXECUTIVE BOARD 2007-2008

President *Kris Braman*
President-Elect *John Ruberson*
Past President *John All*
Secretary-Treasurer *Paul Guillebeau*
Historian *Nancy Hinkle*

JOURNAL OF ENTOMOLOGICAL SCIENCE

Editor *Wayne Gardner*
Associate Editor *G. David Buntin*
Business Manager *Susan Thornhill*

2008 LOCAL ARRANGEMENTS COMMITTEE

Stormy Sparks, Chair *Phillip Roberts*
John Ruberson

PROGRAM COMMITTEE

John Ruberson, Chair *Danny Fendley*
Kris Braman *Terry All*
Paul Guillebeau

INSECT SURVEY

Phillip Roberts, Co-Chair *Paul Guillebeau*, Co-Chair
Nancy Hinkle, Co-Chair

AWARDS AND RECOGNITION

Wayne Gardner, Chair *John Ruberson*
Kris Braman

STUDENT AFFAIRS

Nancy Hinkle, Chair *William Irby*
Michelle Samuel-Foo

NOMINATIONS

Sandy Newell, Chair *Steve Brown*
Michael Toews *Ron Oetting*

AUDIT

John All, Chair *Ray Noblet*

SITE SELECTION – 2009

Jim Hanula, Chair *Dan Horton*
Scott Horb

GES SCHOLARSHIP

John All, Chair *Jim Dutcher*
Wayne Gardner

O. I. SNAPP AWARD (NON-STUDENT PAPER)

Will Hudson, Chair *Tracie Jenkins*
Dan Horton

T. L. BISSELL AWARD (M.S./B.S. STUDENT PAPER)

Robert McPherson, Chair *Monica Townsend*
Dan Hagan

C. M. BECKHAM AWARD (PH.D. STUDENT PAPER)

Jim Dutcher, Chair *William Irby*
David Buntin

U. E. BRADY AWARD (STUDENT POSTER)

David Riley, Chair *Michael Toews*
Xinzhi Ni

PHOTO SALON

Alton N. Sparks, Jr., Chair *Will Hudson*
John Ruberson *Phillip Roberts*

RESOLUTIONS

Glynn Tillman, Chair *Xinzhi Ni*

INDUSTRY PANEL

Tony Weiss (Dow), Chair *Bo Braxton* (Dow)
Henry McLean (Syngenta)

MEMBERSHIP AND COMPUTER RESOURCES COMMITTEE

John All, Chair *Jim Dutcher*
Glynn Tillman *Todd Nims*
Keith Griffith

OPERATING GUIDELINES COMMITTEE

David Buntin, Chair *John Ruberson*
Wayne Gardner *Paul Guillebeau*

SPORTING EVENTS (GOLF AND RUN/WALK)

Stormy Sparks, Golf *John All*, Run/Walk
Phillip Roberts

**PRESIDENTS OF THE
GEORGIA ENTOMOLOGICAL SOCIETY**

1937	C. H. Alden	1975	Horace O. Yates, III
1938	C. H. Alden	1976	Jerry E. Payne, Sr.
1939	Theodore L. Bissell	1977	V. Rodney Coleman
1940	P. M. Gilmer	1978	R. H. Prestage
1941	C. H. Alden	1979	R. B. Hendersohn
1942	M. M. Murphey, Jr.	1980	James O. Howell
1944	P. W. Fattig	1981	Alton N. Sparks
1946	Oliver I. Snapp	1982	U. Eugene Brady, Jr.
1948	W. H. Clarke	1983	Richard F. Nash
1949	Horace O. Lund	1984	W. Louis Tedders, Jr.
1950	J. C. Alden	1985	Herbert Womack
1951	G. G. Rohwer	1986	John B. O'Neil
1952	W. G. Bruce	1987	J. Larry Zettler
1953	William F. Turner	1988	James H. Oliver, Jr.
1954	W. E. Blassingame	1989	Louise G. Henry
1955	F. E. Allison	1990	William L. Tietjen
1956	Cedric R. Jordan	1991	Jerry A. Payne
1957	H. E. Johnson	1992	James R. Collins
1958	Clifford M. Beckham	1993	T. Don Canerday
1959	H. Laudani	1994	Michael A. Mullen
1960	J. W. Maxwell	1995	Keith H. Griffith
1961	O. K. Fletcher, Jr.	1996	Frank E. French
1962	W. W. Wells	1997	Robert E. Lynch
1963	E. W. Beck	1998	Sandy Newell
1964	Loy W. Morgan	1999	James D. Dutcher
1965	Hamlin H. Tippins	2000	James E. Carpenter
1966	H. L. Pollard	2001	Lance G. Peterson
1967	H. D. Purswell	2002	Daniel V. Hagan
1968	J. W. Kilpatrick	2003	James L. Hanula
1969	Preston E. Hunter	2004	G. David Buntin
1970	R. B. Comoly	2005	Wayne A. Gardner
1971	R. Davis	2006	Robert McPherson
1972	L. M. Redlinger	2007	John N. All
1973	John B. O'Neil	2008	S. Kristine Braman
1974	Rudolph T. Franklin		

**MEETINGS OF THE
GEORGIA ENTOMOLOGICAL SOCIETY**

Meeting Dates	Location
2 April 1937	Agricultural Experiment Station, Experiment
1 April 1938	Georgia Institute of Technology, Atlanta
28-30 Oct. 1938	Okefenokee Swamp, Fargo
6 May 1939	Georgia State College for Women, Milledgeville
14 October 1939	Agricultural Experiment Station, Experiment
6 April 1940	Emory University, Atlanta
7 November 1940	Agricultural Experiment Station, Experiment
5 April 1941	Wesleyan College, Macon
4 April 1942	Emory University, Atlanta
21 March 1944	Piedmont Hotel, Atlanta
29 March 1946	Agricultural Experiment Station, Experiment
10 April 1948	Baldwin Hall-UGA, Athens
30 April 1949	Jekyll Island Hotel, Jekyll Island
3-4 March 1950	American Legion, Fort Valley
9-10 March 1951	Abraham Baldwin Agricultural College, Tifton
7-8 March 1952	Savannah Hotel, Savannah

Meeting Dates

6-7 March 1953
 12-13 March 1954
 4-5 March 1955
 8-9 March 1956
 19-20 March 1957
 5-7 March 1958
 4-5 March 1959
 30-31 March 1960
 8-9 March 1961
 20-22 March 1962
 20-22 March 1963
 26-27 March 1964
 9-11 March 1965
 23-25 March 1966
 21-23 March 1967
 19-21 March 1968
 18-20 March 1969
 17-19 March 1970
 16-18 March 1971
 15-17 March 1972
 28-30 March 1973
 13-15 March 1974
 19-21 March 1975
 17-19 March 1976*
 16-18 March 1977
 15-17 March 1978
 21-23 March 1979*
 19-21 March 1980
 18-19 March 1981
 24-26 March 1982
 23-25 March 1983
 21-23 March 1984
 20-22 March 1985
 24-26 March 1986*
 18-20 March 1987
 23-25 March 1988
 22-24 March 1989
 28-30 March 1990
 27-29 March 1991
 25-27 March 1992
 24-26 March 1993
 23-25 March 1994*
 29-31 March 1995
 27-29 March 1996
 16-17 April 1997
 16-17 April 1998
 14-16 April 1999
 6-7 April 2000
 4-6 April 2001*
 3-5 April 2002
 2-4 April 2003
 31 March - 2 April 2004
 30 March - 1 April 2005
 29-31 March 2006
 16-18 May 2007
 2-4 April 2008

Location

Hotel Dempsey, Macon
 Ida Dunlap Little Library -UGA, Athens
 Radium Springs Hotel, Albany
 Manger Hotel, Savannah
 Rock Eagle 4-H Club Center, Eatonton
 King and Prince Hotel, St. Simons Island
 Radium Springs Hotel, Albany
 New Chemistry Building-UGA, Athens
 Wanderer Motel, Jekyll Island
 Radium Springs Hotel, Albany
 Holiday Inn, Pine Mountain
 Corsair Motel, Jekyll Island
 Downtown Holiday Inn, Atlanta
 Stuckey's Carriage Inn, Jekyll Island
 Manger Hotel, Savannah
 Elks Club, Albany
 Stuckey's Carriage Inn, Jekyll
 Downtowner Motor Inn, Albany
 DeSoto Hilton, Savannah
 King and Prince Hotel, St. Simons Island
 Macon Hilton Hotel, Macon
 Holiday Inn, Athens
 King and Prince Hotel, St. Simons Island
 DeSoto Hilton, Savannah
 Downtowner Motor Inn, Albany
 King and Prince Hotel, St. Simons Island
 Quality Inn, Hilton Head Island, SC
 Ramada Inn West, Macon
 Rural Development Center, Tifton
 History Village Inn & Conference Center, Athens
 Downtowner Motor Inn, Albany
 Buccaneer Motor Lodge, Jekyll Island
 Rural Development Center, Tifton
 Sheraton Resort & Country Club, Savannah
 Quality Inn- Buccaneer, Jekyll Island
 Georgia Southern Col., Statesboro
 Univ. of Georgia, Athens
 Unicoi Lodge & Conference Center, Helen
 Callaway Gardens, Pine Mountain
 Clarion Resort Buccaneer, Jekyll Island
 Georgia Center for Continuing Ed., Athens
 Sheraton Charleston Hotel, Charleston, SC
 Merry Acres Motel, Albany
 Holiday Inn-Midtown, Savannah
 Unicoi State Park, Helen
 Buccaneer Motor Lodge, Jekyll Island
 Rural Development Center, Tifton
 Georgia Center for Continuing Education, Athens
 Georgia Mountain Center, Gainesville
 Georgia Southern University, Statesboro
 Holiday Inn, Jekyll Island
 Callaway Gardens, Pine Mountain
 Georgia Center for Continuing Education, Athens
 Holiday Inn, Jekyll Island
 Georgia Center for Continuing Education, Athens
 Lake Blackshear Resort and Golf Club, Cordele

*Joint meeting of the Georgia Entomological Society and the South Carolina Entomological Society

SPEAKER SCHEDULE

Angelella, Gina	Thursday 4/03	2:06 pm
Braman, S. Kristine	Thursday 4/03	4:24 pm
Buntin, G. David	Friday 4/04	8:30 am
Cannon, S.	Thursday 4/03	1:54 pm
Chen, Yigen	Friday 4/04	10:00 am
Delaplaine, Keith	Thursday 4/03	10:35 am
Dutcher, James D.	Friday 4/04	8:54 am
Estes, Tony	Thursday 4/03	Industry Panel
Forrester, Juanita	Thursday 4/03	2:18 pm
Gomez, C.	Thursday 4/03	3:36 pm
Griffith, Keith	Thursday 4/03	Industry Panel
Hadden, James	Thursday 4/03	Industry Panel
Harrison, Gerald	Thursday 4/03	Industry Panel
Headings, Mark E.	Thursday 4/03	3:00 pm
Hinkle, Nancy	Thursday 4/03	11:25 am
Joseph, Shimat V.	Thursday 4/03	2:30 pm
King, David	Thursday 4/03	Industry Panel
Koehler, Phil	Thursday 4/03	10:10 am
Laforest, Joseph	Thursday 4/03	3:12 pm
Lord, Nathan P.	Thursday 4/03	1:42 pm
McPherson, Robert	Friday 4/04	9:06 am
Mizell III, Russell	Thursday 4/03	3:48 pm
Ni, Xinzhi	Friday 4/04	8:42 am
Nims, Todd M.	Thursday 4/03	3:24 pm
Olson, Dawn M.	Friday 4/04	9:30 am
Pereira, Roberto	Thursday 4/03	11:00 am
Roberts, Phillip	Friday 4/04	9:18 am
Robinson, Lori B.	Thursday 4/03	1:30 pm
Ruberson, John	Friday 4/04	10:36 am
Sparks, Jr., Alton N.	Thursday 4/03	4:00 pm
Tillman, Glynn	Friday 4/04	10:12 am
Toews, Michael	Friday 4/04	10:24 am
Townsend, Monica D.	Thursday 4/03	4:12 pm
Weiss, Tony	Thursday 4/03	Industry Panel
Young, Herbert	Thursday 4/03	Industry Panel

POSTER PRESENTERS

Joseph, Shimat V.	Student poster, SP-7
Lord, Nathan P.	Student poster, SP-3
Newberry, P.M.	Student poster, SP-5
Robertson, James	Student poster, SP-2
Robinette, Marianne	Student poster, SP-1
Samuel-Foo, Michelle	Student poster, SP-6
Wieters, Krista	Student poster, SP-4
All, John N.	Poster, DP-7
Ames, Lisa M.	Poster, DP-1
Irby, William S.	Poster, DP-5
McPherson, Robert M.	Poster, DP-6
Mizell III, Russell	Poster, DP-2, DP-3
Roche, Aubree J.	Poster, DP-4

NOTES

Please be considerate of speakers and meeting participants -- turn off the ringer on cell phones and pagers before entering the meeting rooms.

