

South Carolina Entomological Society

Executive Director: David Jenkins, South Carolina Forestry Commission, 5500 Broad River Rd, 29212; phone: 803 896 8838; email: djenkins@scfc.gov

President: Alvin M. Simmons, USDA-ARS U.S. Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC 29414; phone: 843-402-5307; email: alvin.simmons@usda.gov

VP/President Elect: TBA

Past President: Livy Williams, USDA-ARS U.S. Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC 29414; phone: 843-402-5392; email: livy.williams@usda.gov

Secretary: Rebecca Schmidt-Jeffris, USDA-ARS, Wapato, WA; phone: 509-454-6556; email: rebecca.schmidt@usda.gov

Treasurer: Brian Scholtens, College of Charleston, Biology Department, 58 Coming St. Rm. 214, Charleston, SC 29424; phone 843-953-8081; email: scholtensb@cofc.edu

Historian: Gerry Carner, Clemson University, 318 Long Hall, Clemson, SC 29634; phone: 864-656-5040; email: gcarner@clemson.edu

Committee Chairs:

Auditing: Merle Shepard, Clemson University, Coastal REC, 2700 Savannah Highway, Charleston, SC 29414; phone: 843-402-5393; email: mshprd@clemson.edu

Honors and Awards: Juang-Hong Chong, Clemson University, Pee Dee REC, 2200 Pocket Rd., Florence, SC 29506; phone: 843-662-3526; email: juanghc@clemson.edu

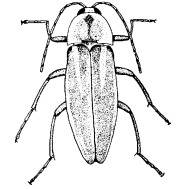
Local Arrangements: Jeremy K. Greene, Clemson University, Edisto REC, 64 Research Rd., Blackville, SC 29817; phone 803-284-3343; email: greenek4@clemson.edu

Membership: Pat Zungoli, Clemson University

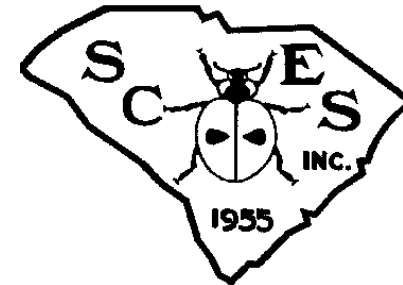
Nomination: Livy Williams, USDA-ARS U.S. Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC 29414; phone: 843-402-5392; email: livy.williams@usda.gov

Program: Jeremy K. Greene, Clemson University, Edisto REC, 64 Research Rd., Blackville, SC 29817; phone 803-284-3343; email: greenek4@clemson.edu

Resolutions: Cynthia Tant, Winthrop University Biology Department, Rock Hill, SC 29733; phone 803-323-2111; email: tantc@winthrop.edu



The 65th Annual Meeting of the SOUTH CAROLINA ENTOMOLOGICAL SOCIETY



*Sandhill Research and Education Center
Columbia, South Carolina
3-4 October 2019*



SOUTH CAROLINA ENTOMOLOGICAL SOCIETY
65th Annual Meeting Program
 Sandhill Research and Education Center Lake House

Thursday, 3 October 2019

AFTERNOON

- 1:00-1:30** SCES Executive Committee Meeting
- 1:30-2:30** Meeting Registration
- 2:30-3:30** Welcome, Business Meeting, Election
- 3:30-4:15** Keynote Speaker: Dr. Gloria S. McCutcheon – “A Journey in Entomology through Agriculture and Public Health”
- 4:15-5:30** Insect Walks and Photo Safari
- 5:30-6:30** Hospitality Hour, Photo Safari Sorting and Preparation
- 6:30-till** Poster Session, Social, Dinner, Photo Safari Presentation

Poster Presentations

Student

- D1. (PhD) The enemy of my enemy: utilizing diverse weed communities to recruit natural enemies for pest suppression. **Nicholas J. Lyon** and Carmen Blubaugh. Department of Plant and Environmental Sciences, Clemson University, Clemson, SC.

Non-Student

- D2. Manure cocktails promote top-down control of herbivores. **Carmen Blubaugh**. Department of Plant and Environmental Sciences, Clemson University, Clemson, SC.
- D3. Love is in the air – sex pheromone discovery in an agricultural pest. **Livy Williams, III**¹, Jacqueline M. Serrano², Paul J. Johnson³, and Jocelyn G. Millar². ¹USDA-ARS U.S. Vegetable Laboratory, Charleston, SC; ²Department of Entomology, University of California, Riverside, CA; ³Insect Biodiversity Laboratory, S. Dakota State University, Brookings, SD.
- D4. Diet analysis of juvenile dragonflies using group-specific polymerase chain reaction. Whitney Player, Rachael Rowe, and **Cynthia Tant**. Winthrop University, Rock Hill, SC.

PRESIDENTS OF THE SOUTH CAROLINA ENTOMOLOGICAL SOCIETY

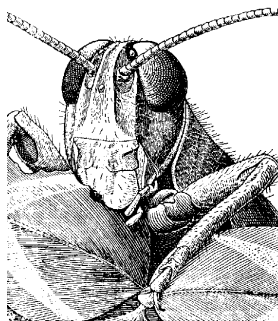
1956	James H. Cochran	1957	Leon (Lefty) H. Moore
1958	Frank T. Arnold, Jr.	1959	John K. Reed
1960	William J. Reid, Jr.	1961	Norman Allen
1962	James N. Smith	1963	William Carl Nettles
1964	Wendell Tiller	1965	Vernon M. Kirk
1966	Edward W. King	1967	Julian E. Keil
1968	Charles S. Creighton	1969	Richard C. Fox
1970	Samuel G. Turnipseed	1971	Quinton L. Chapman
1972	Sidney B. Hays	1973	Max M. Askey
1974	Theodore R. Adkins, Jr.	1975	Julian Mikell
1976	William Bruce Ezell, Jr.	1977	Louie H. Senn
1978	Augustine Day	1979	Gerald R. Carner
1980	Charles A. Thomas	1981	Ray Noblet
1982	John A. DuRant	1983	Thomas E. Skelton
1984	Alfred R. Hopkins	1985	Kenneth A. Peeples
1986	Clyde S. Gorsuch	1987	Jay W. Chapin
1988	William P. DuBose	1989	David R. Alverson
1990	John C. Morse	1991	J. Benjamin Kissam
1992	Steven H. Roach	1993	John D. Hopkins
1994	B. Merle Shepard	1995	Randall P. Griffin
1996	Michael J. Sullivan	1997	Mitchell E. Roof
1998	Peter H. Adler	1999	Ron Burnette
2000	Donald G. Manley	2001	Paula Levin Mitchell
2002	Gloria S. McCutcheon	2003	Alfred G. Wheeler
2004	Paul M. (Mac) Horton	2005	William M. Hood
2006	D. Michael Jackson	2007	Eric P. Benson
2008	Jeremy K. Greene	2009	Francis Reay-Jones
2010	Juang-Horng Chong	2011	Bob Bellinger
2012	Brian Scholtens	2013	Pat Zungoli
2014	Laurie Reid	2015	Dwight Williams
2016	Rizana Mahroof	2017	David Jenkins
2018	Livy Williams	2019	Alvin M. Simmons

RECIPIENTS OF THE J. H. COCHRAN EXCELLENCE IN ENTOMOLOGY AWARD

1993	Sidney B. Hays
1996	Thomas E. Skelton
1999	Peter H. Adler
2002	James A. Reinert and Alfred G. Wheeler
2005	John C. Morse
2008	B. Merle Shepard
2011	Sam Turnipseed
2014	Gerry Carner
2017	D. Michael Jackson

RECIPIENTS OF THE J. H. COCHRAN MEMORIAL SCHOLARSHIP

1970	David Arnold	1971	H. S. Moore
1972	Keith Griffin	1973	Roy Sutton
1974	Frank Davis	1975	Frank Davis
1976	Wayne Gardner	1977	Gayle Holman
1978	Jay Chapin	1979	Ed Quattlebaum
1980	Glenn Lee	1981	NA
1982	Robert Kelly	1983	Jerome Grant
1984	Steven Hamilton	1985	NA
1986	Eric Benson	1987	Mike Chambers
1988	Kevin Hoffman	1989	Charles Watson
1990	Marianne Willey	1991	Stuart Reitz
1992	NA	1993	Michael Floyd
1994	NA	1995	Jeffery Tomberlin
1996	Jennifer Zettler	1997	Kristen van den Meiracker
1998	Mohammed Kahn	1999	Will Reeves
2000	Michelle Colacicco	2001	J. Powell Smith
2002	Janet Kintz-Early	2003	Ozlem Kalkar
2004	Eric Paysen	2005	Donald Oswalt
2006	Mark Nelder	2007	Ian Stocks
2008	Dustin Swanson	2009	Holly Tuten
2010	Kevin R. Hinson	2011	Margie Lehnert
2012	Nicholas Seiter	2013	Ernesto Robayo-Camacho
2014	Hamilton Allen	2015	Francesca Stubbins
2016	NA	2017	Thomas Bilbo
2018	NA	2019	NA



Friday, 4 October 2019

MORNING

8:00 Announcements

8:15-12:00 Paper Presentations

Student Papers

Alvin Simmons, Moderator

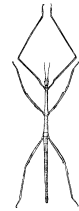
- 8:15 1. (PhD) Identification of exotic upland cotton landraces that reduce thrips injury. **Sophia R. Conzemius**¹, Francis P. F. Reay-Jones², Jeremy K. Greene¹, Benjamin T. Campbell³, and Dominic D. Reisig⁴. ¹Department of Plant and Environmental Sciences, Clemson University, Edisto Research and Education Center, Blackville, SC; ²Department of Plant and Environmental Sciences, Clemson University, Pee Dee Research and Education Center, Florence, SC; ³Coastal Plain Soil, Water and Plant Conservation Research, USDA-ARS, Florence, SC; ⁴Department of Entomology, North Carolina State University, Vernon G. James Research and Extension Center, Plymouth, NC.
- 8:30 2. (PhD) Modeling pestiferous and beneficial arthropod abundance with site factor variables in soybean. **Anthony Daniel Greene**¹, Jeremy K. Greene¹, Francis P. F. Reay-Jones², Brandon Peoples³, and Kendall Kirk¹. ¹Department of Plant and Environmental Sciences, Clemson University, Edisto Research and Education Center, Blackville, SC; ²Department of Plant and Environmental Sciences, Clemson University, Pee Dee Research and Education Center, Florence, SC; ³Department of Forestry and Environmental Conservation, Clemson University, Clemson, SC.
- 8:45 3. (PhD) Evaluation of commercial lures as components of trap crop system for western flower thrips, *Frankliniella occidentalis* Pergande (Thysanoptera: Thripidae). **Dawn Sikora**. Department of Plant and Environmental Sciences, Clemson University, Clemson, SC.

9:00 BREAK

Non-Student Papers

Sophia Conzemius, Moderator

- 9:15 4. Recent survey efforts in Wilderness State Park: using Entomology classes to promote biodiversity knowledge. **Brian Scholtens**. Department of Biology, College of Charleston, Charleston, SC.



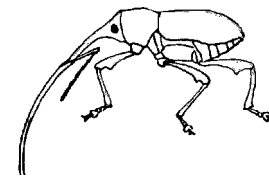
- 9:30** 5. *Brassica carinata*: new reproductive host plant of the whitefly *Bemisia tabaci*. **Alvin Simmons**¹, Omotola Olaniyi¹, Sharon Andreason¹, and Timothy Strickland². ¹US Vegetable Laboratory, USDA-ARS, Charleston, SC; ²Southeast Watershed Research Laboratory, USDA-ARS, Tifton, GA.
- 9:45** 6. One tarsus off the cliff, a brief history of Urban Entomology at Clemson. **Eric Benson**. Department of Plant and Environmental Sciences, Clemson University, Clemson, SC.
- 10:00** 7. Entomology at Clemson University: are we history? **Gerry Carner**. Department of Plant and Environmental Sciences, Clemson University, Clemson, SC.
- 10:15** 8. Aversion to the invasive species, callery pear, by a native generalist herbivore, the fall webworm. **Jessica Hartshorn**, Forest Palmer, and David Coyle. Department of Forestry and Environmental Conservation, Clemson University, Clemson, SC.
- 10:30** BREAK
- 10:45** 9. Surveys of lesser-known pollinators on Spring Island, Okatie, SC. **B. Merle Shepard**¹, Dwight Williams², and Tony Mills³. ¹Department of Plant and Environmental Sciences, Clemson University, Clemson, SC. ²Bottle Tree Gardening, McClellanville, SC; and ³Lowcountry Institute/Lowcountry Trust, Okatie, Spring Island, SC.
- 11:00** 10. Dispersal and behavioral response of the predatory mite *Neoseiulus californicus* to twospotted spider mite, *Tetranychus urticae* Koch, on selected strawberry cultivars. **Omotola Olaniyi**¹, Carlene Chase², Alvin Simmons¹, and Oscar Liburd². ¹US Vegetable Laboratory, USDA-ARS, Charleston, SC; ²Department of Entomology and Nematology, University of Florida, Gainesville, FL.
- 11:15** 11. Evaluation of transgenic tomato lines with resistance to the whitefly *Bemisia tabaci* (Hemiptera: Aleyrodidae). **Sharon A. Andreason**, Daniel Hasegawa, Alvin M. Simmons, and Kai-Shu Ling. US Vegetable Laboratory, USDA, ARS, Charleston, SC.
- 11:30** 12. Do first instar *Nezara viridula* feed? **Paula Mitchell** and Kelly LaRose Rivera. Winthrop University, Rock Hill, SC.

- 11:45** 13. At-plant insecticide options for control of thrips in cotton in SC. **Jeremy K. Greene**, Department of Plant and Environmental Sciences, Clemson University, Edisto Research and Education Center, Blackville, SC.

AFTERNOON

12:00-1:30 Awards Luncheon

1:30-2:30 Adjourn and Board Meeting with New SCES Officers and Committees



NOTES:
