

The 66th Annual (Virtual*) Meeting
of the
South Carolina
Entomological Society



2 October 2020



South Carolina Entomological Society

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

President: Jess Hartshorn, Clemson University, Lehotsky 272F, Forestry and Environmental Conservation, Clemson, SC, 29634; 864-656-4861; jhartsh@clemson.edu

VP/President Elect: Mike Ferro, Clemson University, 307 Long Hall, Plant and Environmental Sciences, Clemson, SC, 29634; 864-656-3105; mferro@clemson.edu

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

Secretary: Sharon Andreason, USDA-ARS, US Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC 29414; phone: 843-402-5320; email: sharon.andreason@usda.gov

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

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

Committee Chairs

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

Honors and Awards: Eric Benson, Clemson University, 266 P&A Building, Clemson, SC, 29634; 864-656-7860; ebenson@clemson.edu

Local Arrangements: N/A

Membership: David Jenkins, South Carolina Forestry Commission, 5500 Broad River Rd., Columbia, SC, 29212; 803-896-8838; djenkins@scfc.gov

Nomination: Alvin M. Simmons, USDA-ARS, US Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC, 29414; 843-402-5307; alvin.simmons@usda.gov

Program: Mike Ferro, Clemson University, 307 Long Hall, Plant and Environmental Sciences, Clemson, SC, 29634; 864-656-3105; mferro@clemson.edu

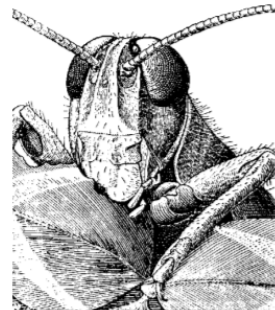
Resolutions: Cynthia Tant, Winthrop University, Biology Department, Rock Hill, SC, 29733; 803-323-2111; tantc@winthrop.edu

PRESIDENTS OF THE SOUTH CAROLINA ENTOMOLOGICAL SOCIETY

1956	James H. Cochran	1978	Augustine Day	2000	Donald G. Manley
1957	Leon H. Moore	1979	Gerald R. Carner	2001	Paula Levin Mitchell
1958	Frank T. Arnold, Jr.	1980	Charles A. Thomas	2002	Gloria S. McCutcheon
1959	John K. Reed	1981	Ray Noblet	2003	Alfred G. Wheeler
1960	William J. Reid, Jr.	1982	John A. DuRant	2004	Paul M. Horton
1961	Norman Allen	1983	Thomas E. Skelton	2005	William M. Hood
1962	James N. Smith	1984	Alfred R. Hopkins	2006	D. Michael Jackson
1963	William Carl Nettles	1985	Kenneth A. Peeples	2007	Eric P. Benson
1964	Wendell Tiller	1986	Clyde S. Gorsuch	2008	Jeremy K. Greene
1965	Vernon M. Kirk	1987	Jay W. Chapin	2009	Francis Reay-Jones
1966	Edward W. King	1988	William P. DuBose	2010	Juang-Horng Chong
1967	Julian E. Keil	1989	David R. Alverson	2011	Bob Bellinger
1968	Charles S. Creighton	1990	John C. Morse	2012	Brian Scholtens
1969	Richard C. Fox	1991	J. Benjamin Kissam	2013	Pat Zungoli
1970	Samuel G. Turnipseed	1992	Steven H. Roach	2014	Laurie Reid
1971	Quinton L. Chapman	1993	John D. Hopkins	2015	Dwight Williams
1972	Sidney B. Hays	1994	B. Merle Shepard	2016	Rizana Mahroof
1973	Max. M. Askey	1995	Randall P. Griffin	2017	David Jenkins
1974	Theodore R. Adkins, Jr.	1996	Michael J. Sullivan	2018	Livy Williams
1975	Julian Mikell	1997	Mitchell E. Roof	2019	Alvin M. Simmons
1976	William Bruce Ezell, Jr.	1998	Peter H. Adler	2020	Jess Hartshorn
1977	Louie H. Senn	1999	Ron Burnette		

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. Reinart and Alfred G. Wheeler
2005	John C. Morse
2008	B. Merle Shepard
2011	Sam Turnipseed
2014	Gerry Carner
2017	D. Michael Jackson
2020	Paula Levin Mitchell



RECIPIENTS OF THE J.H. COCHRAN MEMORIAL SCHOLARSHIP

1970	David Arnold	1988	Kevin Hoffman	2005	Donald Oswalt
1971	H.S. Moore	1989	Charles Watson	2006	Mark Nelder
1972	Keith Griffin	1990	Marianne Willey	2007	Ian Stocks
1973	Roy Sutton	1991	Stuart Reitz	2008	Dustin Swanson
1974	Frank Davis	1992	N/A	2009	Holly Tuten
1975	Frank Davis	1993	Michael Floyd	2010	Kevin R. Hinson
1976	Wayne Gardner	1994	N/A	2011	Margie Lehnert
1977	Gayle Holman	1995	Jeffrey Tomberlin	2012	Nicholas Seiter
1978	Jay Chapin	1996	Jennifer Zettle	2013	Ernesto Robayo-Camacho
1979	Ed Quattlebaum	1997	Kristen van den Meiracker	2014	Hamilton Allen
1980	Glenn Lee	1998	Mohammed Kahn	2015	Francesca Stubbins
1981	N/A	1999	Will Reeves	2016	N/A
1982	Robert Kelly	2000	Michelle Colacicco	2017	Thomas Bilbo
1983	Jerome Grant	2001	J. Powell Smith	2018	N/A
1984	Steven Hamilton	2002	Janet Kintz-Early	2019	N/A
1985	N/A	2003	Ozlem Kalkar	2020	
1986	Eric Benson	2004	Eric Paysen		
1987	Mike Chambers				

South Carolina Entomological Society

66th Annual Meeting – Program

FRIDAY, OCTOBER 2, 2020

8:00-8:30	SCES Executive Committee Meeting
8:30-9:30	Welcome, Business Meeting, Elections
9:30-10:15	Keynote speaker: Dr. Jess Hartshorn – “The trees they are a-changin’: ALB in SC”
10:15-10:35	Poster session (5 mins per poster)
10:35-11:00	Break
11:00-12:00	Paper presentations (Student)
12:00-12:45	Lunch (on own)
12:45-1:00	Virtual awards “luncheon”
1:00-2:15	Paper presentations (Non-Student)
2:15-3:15	Adjourn and board meeting with new officers and committees

Poster Presentations

Student

D1. Borlik, Annie (MS) Compatibility of chordotonal organ modulator insecticides with minute pirate bug, *Orius insidiosus* (Say) (Hemiptera: Anthocoridae). Plant and Environmental Sciences, Clemson University, Clemson, SC.

D2. Zhang, Peng¹ (PhD) and Matthew Turnbull². Transgenic *Drosophila* as a model for investigating insect symbiotic virus gene function. ¹Biological Sciences, ²Plant and Environmental Sciences, Clemson University, Clemson, SC.

Non-Student

D3. Song Jinbo, Eric P. Benson, Patricia A Zungoli, and Brittany R. Ellis. Sub-lethal deltamethrin exposure effect on pyrethroid resistant male bed bug fecundity. Plant and Environmental Sciences, Clemson University, Clemson, SC.

D4. Pometto, Suellen F., Charles E. Beard, Patrick D. Gerard Konstantin G. Kornev, Peter H. Adler. Self-Repair of the Lepidopteran Proboscis with Phylogenetic Context. Plant and Environmental Sciences, Clemson University, Clemson, SC.

Paper Presentations

Student

11:00 Lalk, Sara (PhD) A review of invasive woody plants in the Southeast. Forestry and Environmental Conservation, Clemson University, Clemson, SC.

11:15 Brown, Matthew (PhD) Effect of nitrogen application rate on bermudagrass mite infestations. Plant and Environmental Sciences, Clemson University, Clemson, SC.

11:30 Crout, Katy (MS) Biology and ecology of *Xyleborus glabratus* in sassafras affected by laurel wilt. Forestry and Environmental Conservation, Clemson University, Clemson, SC.

11:45 Young, Kelsea (MS) In the pines: dung and carrion beetle assemblages in longleaf forests. Forestry and Environmental Conservation, Clemson University, Clemson, SC.

Virtual Awards Luncheon 12:45-1:00

Non-Student

1:00 Mahroof, Rizana M. Mating disruption and mating delays and subsequent effects on reproductive performance of *Lasioderma serricorne* (F.). Department of Biological and Physical Sciences, South Carolina State University, Orangeburg, SC.

- 1:15** Ferro, Michael L. Aquatic beetles of the southeastern US: a (VERY) brief overview. Plant and Environmental Sciences, Clemson University, Clemson, SC. Download [booklet](#). Watch pre-recorded [video](#).
- 1:30** Simmons, Alvin M. Whiteflies or vegetable soup. USDA-ARS, US Vegetable Laboratory, Charleston, SC.
- 1:45** Andreason, Sharon, Omotola Olaniyi, Phillip Wadl, Livy Williams, D. Michael Jackson, Kai-Shu Ling, and Alvin Simmons. Addressing the question of seed transmission by Sweet potato leaf curl virus, a begomovirus transmitted by whiteflies. USDA-ARS, U.S. Vegetable Laboratory, Charleston, SC.
- 2:00** Caterino, Michael S. Assessing the diversity of high Appalachian leaf litter arthropod communities using metabarcoding. Plant and Environmental Sciences, Clemson University, Clemson, SC.
- 2:15** Adjourn and board meeting with new officers and committee chairs.

**The 2020 SCES Meeting was held virtually due to COVID concerns and restrictions.*

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