

# The Landing Rate Count

[www.scmca.net](http://www.scmca.net)

Newsletter of the South Carolina Mosquito Control Association

August 2023 –Vol 48 • Issue 2

## The President's Message

Editor: Johnny Bruton

Hello! Hope all is going well. It was great to see everyone at the Summer workshop. I would like to take this opportunity to thank Raymond Clark and the staff of Santee Cooper for allowing us to use their facilities. I would also like to thank the Officers and the Board Members for all of their hard work in hosting the event and a special thanks to our guest speakers....without you guys, it would not be possible. The dates for the Fall Annual Conference will be November 1-3, 2023 and will be held at Ocean Creek Resort in North Myrtle Beach. This is a new venue for the meeting and we hope that you all will join us. We will be electing new Board Members and Officers at the meeting. Should you be interested in serving in any capacity, please advise Vice President Johnny Bruton or Secretary Beverly Whitmire. The SCMCA is celebrating it's 50<sup>th</sup> Anniversary this year so let's show our support! I look forward to seeing you there!

James P. Brock, Jr.

Horry County Mosquito Control  
Manager

4401 Privetts Road

Conway, SC 29526

Phone: (843) 915-6963



## In This Issue

- President's Message ..... 1
- SCMCA Sustaining Members ..... 2 - 3
- SCMCA Regions..... 4
- 2023 Summer Workshop 5-8
- Mid-Year Updates.....9-10
- Web Resources.....11
- 2022 SCMCA Board.....12
- Editor's Notes.....13
- Parking Map.....14
- Tech of the Year Award Application Form.....15
- Annual Meeting Registration From .....16

## Important Meeting Notice

SCMCA Annual Meeting!

November 1-3 2023

See Attached Registration Form!

Please make reservations by October 1st!

SCMCA Secretary/Treasurer

803.576.2426 [Whitmire.beverly@Richlandcountysc.gov](mailto:Whitmire.beverly@Richlandcountysc.gov)

# 2023 SCMCA Sustaining Members

*Thank you for your time and contributions!*



**ADAPCO Innovative Mosquito Solutions,  
an AZELIS Americas Company**

Trey English  
(866) 829-0275 office  
(229) 300-0091 cell  
(866) 330-9888 fax  
tenglish@myadapco.com



[WWW.MYADAPCO.COM](http://WWW.MYADAPCO.COM)  
[WWW.AZELISAMERICAS.COM](http://WWW.AZELISAMERICAS.COM)



**AllPro Vector Group**

(248) 773-7460 office  
sales@allprovector.com

[WWW.ALLPROVECTOR.COM](http://WWW.ALLPROVECTOR.COM)



**Clarke Mosquito Control**

Sydney Brogden  
(828) 735-1760

sbrogden@clarke.com

[WWW.CLARKE.COM](http://WWW.CLARKE.COM)



**Allen Aviation, Inc.**

Al and Shanda Allen  
(843) 358-3583 office

flyallen@sccoast.net

[WWW.ALLENAVIATION.COM](http://WWW.ALLENAVIATION.COM)



**Central Life Sciences**

Kelly Deutsch  
(407) 952-2817 cell

kdeutsch@central.com

[WWW.CENTRALLIFESCIENCES.COM](http://WWW.CENTRALLIFESCIENCES.COM)



**Gregory Pest Solutions**

Tim Teague  
(803) 309-6844

tteague@gregorypestsolutions.com

[WWW.SMARTERPESTCONTROL.COM](http://WWW.SMARTERPESTCONTROL.COM)

## 2023 SCMCA Sustaining Members, continued



**Mosquito Control Engineering Services (MCES), LLC**

Carlos Gonzalez  
(321) 363-4977  
carlos@mymces.com

[WWW.MYMCES.COM](http://WWW.MYMCES.COM)



**Target Specialty Products**

Steve Molnar  
(470) 432-3134  
steve.molnar@target-specialty.com

[www.target-specialty.com](http://www.target-specialty.com)



**Unmanned Ingenuity, LLC**

Michael Midgett  
(850) 368-0910  
Michael@unmannedingenuity.com

[www.unmannedingenuity.com](http://www.unmannedingenuity.com)



**AMVAC Chemical Corporation**

Peter Connolly  
(772) 563-0606 office  
(772) 205-5280 cell  
peterc@amvac-chemical.com

[WWW.AMVAC-CHEMICAL.COM](http://WWW.AMVAC-CHEMICAL.COM)



**Univar Environmental Sciences**

Maria Miller  
(704) 589-7199  
sales@verseriscom

[www.veseris.com](http://www.veseris.com)



**Valent Biosciences**

Candace Royals  
(813) 505-8852  
Candace.royals@valent.com

[WWW.VALENTBIOSCIENCES.COM](http://WWW.VALENTBIOSCIENCES.COM)

# 2023 SCMCA Sustaining Members, continued



## Williamsburg Air Service, Inc

Guy McClary

(843) 382-8289 office

(843) 687-3629 cell

WILLIAMSBURGAIRSERVICE@yahoo.com

SPRAYING@ftc-i.net

[WWW.WILLIAMSBURGAIRSERVICE.COM](http://WWW.WILLIAMSBURGAIRSERVICE.COM)

## SCMCA Regions & Delegates

### Upper Region: Julie Davis

Phone: (864) 943-2648

[jdavis@greenwoodsc.gov](mailto:jdavis@greenwoodsc.gov)

### Middle Region: Christina Adams

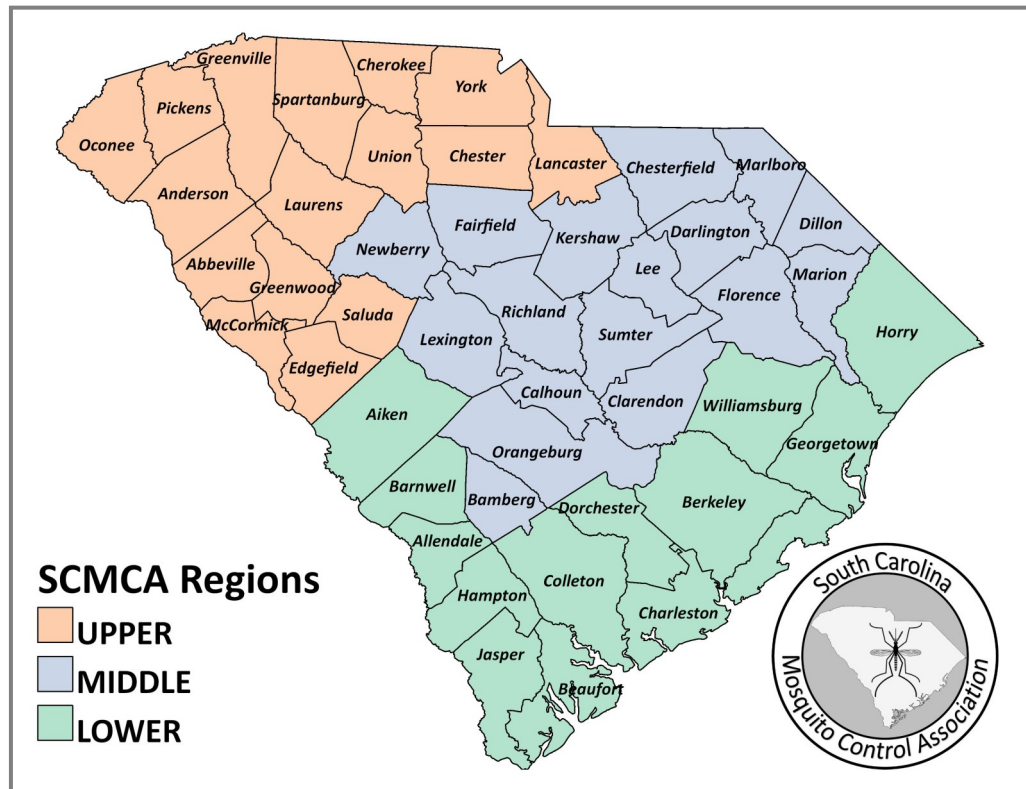
Phone: (803) 576-2427

[Adams.christina@richlandcountysc.gov](mailto:Adams.christina@richlandcountysc.gov)

### Lower Region: Gage Floyd

Phone: (843) 915-6963

[Floyd.Gage@horrycountysc.gov](mailto:Floyd.Gage@horrycountysc.gov)





# 2023 Summer Workshop

Pinopolis, SC



Dr. Chris Evans



Christopher Burt

# 2023 Summer Workshop

Pinopolis, SC



Chelsey Reed



Ed Harne! Doing it RIGHT!



# 2023 Summer Workshop

## Pinopolis, SC



Lauren Rustin

# 2023 Summer Workshop

Pinopolis, SC



Thanks Everyone for A Great Summer Workshop 2023 !!



# Mid-Year Updates

## City of Gaffney

The city of Gaffney sent out a public notice in May about mosquito spraying. The Public Works Department sprays the city public streets in June and continues until October. This program works to mitigate the risk of mosquito borne illnesses. They spray in the evenings from dusk until about 11pm. Residents who have honeybees should contact the supervisor if they don't want treatment in their areas.

## Greenville County

Greenville County has a mosquito control and prevention program which helps residents with education and prevention. The county has a spray tip line which residents can call for assistance during June until September. Residents who receive treatments will be notified of completion. The County doesn't treat private ponds, including HOA owned retention ponds.

## Greenwood County Lake Management

Greenwood County Lake Management conducts larviciding treatments on Lake Greenwood in Greenwood, Laurens and Newberry Counties. This small-scale larviciding program is performed by boats and the use of Altosid briquettes. So far, to date, the Lake Management staff have performed 2 larviciding treatments on the lake. They answer complaints from lake-front residents and have site inspections of the lake-front properties. This year, staff have educated residents about reducing mosquito habitat. In June, our Lake Specialist II, Win Ott, attended the Summer Workshop. This workshop was a great educational experience, and Win brought back information that he learned.

## City of North Myrtle Beach

Hello everyone, we have had a very hot summer. We continue to be a little below average on complaints and our mosquito population. Our crew has worked hard this summer with catch basin treatments and handling the few complaints we have had. We look forward to seeing everyone in November at the annual Meeting.

Johnny Bruton

## Dorchester County

Greetings from Dorchester County Mosquito Control Department, we are gearing up to tackle yet another successful season of mosquito abatement. My name is Martez Morris. I am the Mosquito and Pest Control Coordinator for Dorchester County Neighborhood Services, I have approximately 4 years in Pest Control experience. I'm celebrating my two-year mark with the Dorchester family and very happy to be here. Helping people has always been my passion and I'm dedicated to making this year even better than last year. Our goal is to reduce the number of mosquitos in a more cost effective and environmentally safe way and help educate the citizens each year. Dorchester County operates a Mosquito Control Program to protect its citizens from the spread of mosquito-borne diseases by spraying pesticides (insecticides), applying larvicide to low-lying areas, and educating its citizens on reducing the conditions that foster increases in the mosquito population.

This year we have experienced a lot of rain, much more than last year. Although we've had a lot of rain this season so far, we are still doing everything we can to keep mosquitos to a minimum. This year we have used approximately 926.4 gallons of chemical with over 100 Larvicide treatments. I'm working side by side with one of our newest mosquito sprayers on light traps & LRC Data collections 2 to 3 times a week. I have to say I have an amazing team.

Successful mosquito management requires intervening at some point during the mosquito's life cycle before they bite and infect a human. Last year we have worked on educating citizens to better understand ways to prevent and protect them for the mosquito population. As the season is in full swing, we are continuing to monitor and help reduce mosquito breeding grounds.

# Mid-Year Updates

## Charleston County Mosquito Control

After a typically quiet opening two months of 2023, the mosquito season started here with a bang in March. 268 requests for service were received, and 80,357 acres were treated by ULV spray trucks, a greater total than both April and May. Purchased and installed in both MD-500 helicopters during March was the Spider Tracks GPS real-time flight tracking system, which adds a significant measure of monitoring safety to the operations of the program's helicopter group. Adult and larval stage control activities continue at a high level to date, including two airplane adulticiding missions to the McClellanville/South Santee region. Joint Base Charleston also carried out an aerial adulticiding spraying treatment, on May 16 to the U.S. Naval Weapons Station. With assistance of staff from Clarke Mosquito Control, the program droplet calibrated the adulticide spraying system of the designated helicopter May 22 utilizing the newly acquired DropVision Basic system. That aircraft conducted our first ever helicopter adulticiding spray mission June 29. The groundbreaking ceremony for the new Charleston County Public Works/Mosquito Control (PW/MC) headquarters was held May 16 on a property adjacent to the current location of the Azalea Drive Mosquito Control headquarters. Completion of the 89,000 square foot (37,000 for PW/MC), 57 million dollar facility is scheduled for spring of 2026..

## Myrtle Beach Mosquito Control

We have our first case of West Nile this season, early for us. James Brock from the county called to offer any assistance and sympathy, always appreciated. We are following the DEHC protocols as best we can and we are waiting for test results from our trapping. I hope that this is not an omen for the rest of the season. We have more new neighborhoods coming online stretching our spray schedule to the limit, but we will manage. That's all for know.

## Horry County

Greetings from Horry County! Hope this finds you all well. As I am sure you all know, it has been a really wet spring and summer! Weather conditions have ramped up mosquito populations. However, we have been vigilant in our efforts to protect the community in spite of those weather conditions. We have been inundated with service requests and are addressing those in a timely manner. We are spraying by truck each night that weather permits. In the months of June and July, we flew 8 aerial missions. We are continuing to larvicide areas that have standing water, roadside ditches and catch basins. We are currently posting a position for a new full time Mosquito Technician and are adding a new truck and driver to our team. All is quiet as far as storms/hurricanes at this time and I certainly hope it remains that way. Take care and be safe out there!

James P. Brock, Jr.

Horry County Mosquito Control Manager

4401 Privetts Road

Conway, SC 29526

Phone: (843) 915-6963





## Web Resources

Resource	Website
American Mosquito Control Association	<a href="http://www.mosquito.org/">http://www.mosquito.org/</a>
CDC Division of Vector-Borne Diseases	<a href="http://www.cdc.gov/ncezid/dvbd">http://www.cdc.gov/ncezid/dvbd</a>
CDC Zika Virus Information	<a href="http://www.cdc.gov/zika/">http://www.cdc.gov/zika/</a>
Clemson University CEU Search (See <i>your</i> information)	<a href="http://regfocus.clemson.edu/dpr/ncommercial.htm">http://regfocus.clemson.edu/dpr/ncommercial.htm</a>
Clemson University Cooperative Extension Beekeeping	<a href="http://www.clemson.edu/extension/beekeepers/">http://www.clemson.edu/extension/beekeepers/</a>
Clemson University Department of Pesticide Regulation	<a href="http://regfocus.clemson.edu/dpr/">http://regfocus.clemson.edu/dpr/</a>
EPA Insect Repellents: Use and Effectiveness	<a href="http://cfpub.epa.gov/oppref/insect/">http://cfpub.epa.gov/oppref/insect/</a>
Florida Medical Entomology Laboratory (+ID Guide)	<a href="http://fmel.ifas.ufl.edu/">http://fmel.ifas.ufl.edu/</a>
Florida Mosquito Control Association	<a href="http://www.floridamosquito.org/Home/">http://www.floridamosquito.org/Home/</a>
Mid-Atlantic Mosquito Control Association	<a href="http://www.mamca.org/">http://www.mamca.org/</a>
NC Mosquito and Vector Control Association	<a href="http://www.ncmvca.org/">http://www.ncmvca.org/</a>
SC DHEC Mosquitoes in South Carolina	<a href="http://www.scdhec.gov/mosquitoes">http://www.scdhec.gov/mosquitoes</a>
SC DHEC Reporting Dead Birds in South Carolina	<a href="http://www.scdhec.gov/birdtesting">http://www.scdhec.gov/birdtesting</a>
SC DHEC Zika Virus Information	<a href="http://www.scdhec.gov/zika">http://www.scdhec.gov/zika</a>
Society for Vector Ecology	<a href="http://www.sove.org/">http://www.sove.org/</a>
South Carolina Aquatic Plant Management Society	<a href="http://www.scapms.org/">http://www.scapms.org/</a>
SC Bee Keeper Association (Local assoc. links)	<a href="http://www.scstatebeekeepers.org/">http://www.scstatebeekeepers.org/</a>
SC Mosquito Control Association	<a href="http://www.scmca.net/">http://www.scmca.net/</a>
USGS (Arbovirus Disease Maps)	<a href="http://diseasemaps.usgs.gov/mapviewer/">http://diseasemaps.usgs.gov/mapviewer/</a>

## 2023 SCMCA Board of Directors

**President:** James Brock  
Horry County Mosquito Control  
Manager.  
4401 Privetts Rd. Conway, SC 29526  
Phone: (843) 915-6963  
[brockja@horrycounty.org](mailto:brockja@horrycounty.org)

**Vice-President:** Johnny Bruton  
City of North Myrtle Beach  
1018 2nd Ave S  
North Myrtle Beach SC 29582  
843-280-5536  
[jhbruton@nmb.us](mailto:jhbruton@nmb.us)

**Upper Region:** Julie Davis  
Department Of Lake Management  
600 Monument St. STE 19  
Greenwood, SC 29646  
Phone: (864) 943-2648  
[jdavis@greenwoodsc.gov](mailto:jdavis@greenwoodsc.gov)

**Middle Region:** Christina Adams  
Richland County Governemnt  
400 Powell Road,  
Columbia, SC 29204  
Phone: (803) 576-2428  
[Adams.christina@richlandcountysc.gov](mailto:Adams.christina@richlandcountysc.gov)

**Lower Region:** Gage Floyd  
Horry County Mosquito Control  
4401 Privetts Road,  
Conway, SC 29526  
Phone:(843) 915-6963  
[Floyd.gage@horrycounty.org](mailto:Floyd.gage@horrycounty.org)

**At-Large:** Mike Riles  
3605 Besty Lane  
Panama City Beach Fl 32408  
(850)628-0091  
[mriles@central.com](mailto:mriles@central.com)

**Past President** Special Young  
Disaster Recovery  
Public Assistance Project Coordinator  
801 Broad Street, Sute 900  
Augusta, GA 30901  
Phone: (843)-266-8859  
[Special.young@gmcnetwork.com](mailto:Special.young@gmcnetwork.com)

**Historian:** Tammy Brewer  
Richland County Vector Control  
400 Powell Road,  
Columbia, SC 29204  
Phone: (803) 576-2425  
[brewer.tammy@richlandcountysc.gov](mailto:brewer.tammy@richlandcountysc.gov)

**SCMCA Website:**  
[www.scmca.net](http://www.scmca.net)

**SCMCA E-Mail:**  
[scmosquitocontrolassociation@gmail.com](mailto:scmosquitocontrolassociation@gmail.com)

---

### SCMCA – Promoting Mosquito Control in South Carolina

#### *The Landing Rate Count*

**SC Mosquito Control Association**  
c/o Richland County Vector Control  
400 Powell Rd  
Columbia SC 29204

PLACE  
STAMP  
HERE



## Editors Page

In the following pages you will find the map for anyone who will be attending the Annual Meeting but will not be staying at the resort. Also you will find the nomination form for technician of the year. If anyone has suggestions for the Silver Dipper Award or the LA Williams, Jr. Award, they should contact their regional representative with their recommendation.

## PARKING

IF YOU ARE NOT STAYING AT THE RESORT SEE THE MAP AS PARKING WILL BE ACROSS THE ROAD IN THE BACK LOT OF BAREFOOT LANDING. THERE WILL BE A FEW PARKING SPACES IN THE OVERFLOW LOT JUST BEFORE THE GATE. A SHUTTLE WILL BE PROVIDED TO GET YOU TO AND FROM THE PARKING LOTS AND INTO THE RESORT







## 2023 SCMCA TECHNICIAN OF THE YEAR AWARD

Nominee: \_\_\_\_\_ Date: \_\_\_\_\_

**PLEASE ADD A BRIEF BIO ON THE BACK OF THIS FORM**

Jacket Size: \_\_\_\_\_

County/State Program: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Job Title: \_\_\_\_\_

Supervisor: \_\_\_\_\_ Phone/Email: \_\_\_\_\_

**WRITE A BRIEF SUMMARY SUPPORTING YOUR NOMINEE FOR THIS AWARD.** (In your nomination, be specific – who, what, when and where. Attach a letter or other supporting material if needed.)

---

---

---

---

### Guidelines for Selection:

1. Consistent and excellent performance with efforts above and beyond expected duties
2. General knowledge of mosquito biology
3. Service to community
4. Positive attitude: enthusiasm, pride in work
5. Team Player
6. Must be a member of the association in good standing

Please complete this form and return to:

Tammy Brewer

Email: [gone2oz64@gmail.com](mailto:gone2oz64@gmail.com)

**DEADLINE FOR SUBMISSION:**  
September 18, 2023

**South Carolina Mosquito Control Association  
Annual Meeting Registration**

**Ocean Creek Resort**

**10600 N Kings Hwy, Myrtle Beach SC 29572**

**November 1-3, 2023**

**REGISTRATION DUE BY: October 1, 2023**

NAME: \_\_\_\_\_  
ORGANIZATION: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY/STATE/ZIP: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
EMAIL ADDRESS: \_\_\_\_\_

(Email address is important—SCMCA newsletters are sent via email along with important notifications and updates. Thanks!)



\*Registration fee: \$135.00 \_\_\_\_\_  
(Includes Full Registration and Annual Dues)

Late registration fee: \$145.00 \_\_\_\_\_  
(Includes Full Registration and Annual Dues)

One-day registration fee: \$65.00 \_\_\_\_\_  
(Includes Annual Dues)

Sustaining Membership Registration: \$285.00 \_\_\_\_\_  
(Includes Full Registration and Sustaining Membership Dues)

Sustaining Membership Dues: \$150.00 \_\_\_\_\_  
(Sustaining Membership ONLY)

\*\*Early Bird Dinner 11/01/2023 On your own \_\_\_\_\_

Additional Active Membership Dues: \$10.00 \_\_\_\_\_  
(Note: One Active Membership is Included with Registration)

Additional Banquet Ticket \$60.00 \_\_\_\_\_

Total Due: \_\_\_\_\_

\*Registration fee includes one active membership, one banquet ticket for the Thursday evening meal and one breakfast ticket for Friday.

\*\*The Early Bird Dinner will be at a local restaurant. We will be meeting at The Original Benjamin's Calabash Seafood at 6:30 Pm Nov. 1, 2023. **If you plan to attend, please remember to mark the form for a headcount.**

FOR OFFICE USE ONLY	
Amount received with pre-registration form \$ _____	
<input type="checkbox"/> Check # _____	<input type="checkbox"/> Cash~~~Balance due at meeting: \$ _____
Final amount received: \$ _____	
<input type="checkbox"/> Check # _____	<input type="checkbox"/> Cash



REMEMBER: You are responsible for your own lodging. **Ocean Creek Resort 10600 N Kings Hwy, Myrtle Beach SC 29572. 888-974-2065** Ask for the SC Mosquito Control Association rate. Rooms Rates range from \$62.00-\$165.00. **If you will not be staying at the resort, see attached map for parking details.** Association Website: [www.scmca.net](http://www.scmca.net)

Return this form to the Secretary/Treasurer: SC Mosquito Control Association, Attn: Beverly Whitmire,  
Richland County Vector Control; 400 Powell Road; Columbia, SC 29203; (803) 576-2426