



# The Landing Rate Count

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

Newsletter of the South Carolina Mosquito Control Association

December 2019–Vol 45 • Issue 4

Editor: Larry Motes

## The President’s Message

### Trey Reed

I know it’s odd seeing a newsletter this time of year, and I also know it’s odd hearing of an upcoming SCMCA conference in December. Things are a little different right now for your Board of Directors as we prepare for our first ever joint SCMCA/MAMCA meeting coming February 19 – 21<sup>st</sup> at the Greenville Hilton. This will mark the 45<sup>th</sup> annual meeting for MAMCA and the 47<sup>th</sup> annual meeting for SCMCA. It’s no coincidence that the birth of SCMCA is in the same year as L.A. Williams’s hiring by what is now the SC Department of Health and Environmental Control.



**Trey Reed**  
2019 SCMCA President

Hopefully by now you’ve wound down some of your mosquito control operations, and maybe you’ve winterized some machines as we look forward to 2020. We’d love for you to take a break and spend some time with us in Greenville. If you’ve never been to Greenville, it has a great downtown area full of boutique shops, great restaurants, micro-breweries, and the Falls Park on the Reedy River (there is shuttle service from the Greenville Hilton to the downtown area). If you can stay a little after the meeting or come a little early, consider booking an experience at the BMW Performance Driving School at [bmwperformancecenter.com](http://bmwperformancecenter.com). If you like things a little slower paced, there will be plenty of good times just hanging around the hotel with your fellow members.

I’d like to thank the Boards of both SCMCA and MAMCA who have helped put together such a great agenda. Enough thanks can’t be given to those who have looked into every detail to make this conference educational, fun, and a great networking opportunity. We don’t get many chances to welcome colleagues from Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Tennessee, North Carolina, and Georgia to South Carolina, so please make every effort to attend or support your staff’s attendance. If I don’t run into you before the end of 2019, I hope you and your families have a Merry Christmas and a Happy New Year!

## In This Issue

- President’s Message ... 1
- SCMCA Sustaining Members..... 2
- SCMCA Sustaining Members cont..... 3
- SCMCA Regions ..... 4
- Upper Region update .. 5
- Lower Region update .. 6
- Lower Region update . 7
- MAMCA President Message.....8
- MAMCA Board.....9
- Web Resources ..... .10
- SCMCA Membership Application ..... 11
- 2019 SCMCA Board....12

## Important Meeting Notice

**South Carolina Mosquito Control Association &  
Mid Atlantic Mosquito Control Association  
Joint Meeting  
February 19 – 21, 2020 Greenville, SC**

# 2019 SCMCA Sustaining Members

*Thank you for your time and contributions!*



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# 2019 SCMCA Sustaining Members, continued



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# 2019 SCMCA Sustaining Members, continued



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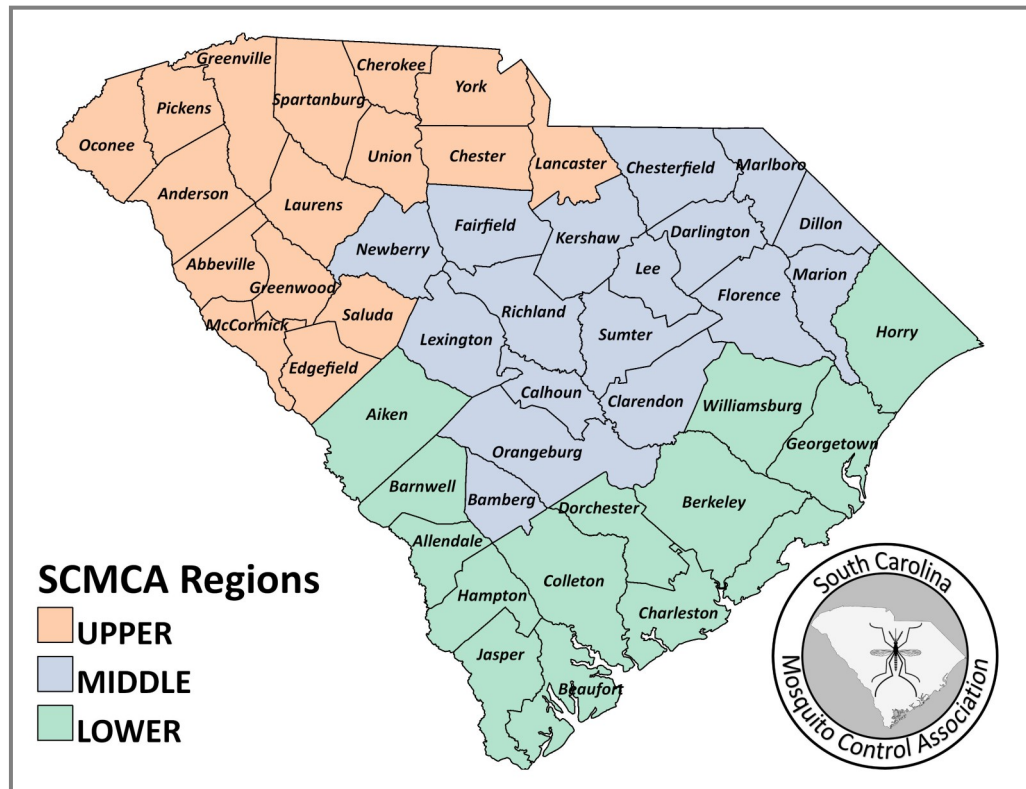
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# Upper Region

## City of Greenwood

Billy Allen with the City of Greenwood says the mosquito activity this season has been the lowest in years possibly due to the lack of rain. They received a few complaint calls for properties in wooded areas with high moisture content but overall the complaint calls were very low with less than a dozen calls all season. When complaints are received, a visit is made to the residence to look for possible breeding sites as well as helping to educate residents on ways to reduce the mosquito populations. They provide residents with magnets that include helpful tips about mosquito control and their contact information. City of Greenwood has also started an outreach program to area schools and provided students with packets which include mosquito repellent, hand outs and magnets.

## Greenwood County Lake Management

Julie Davis with Greenwood County Lake Management stated that very few complaints were received this season. Larvaciding was carried out by using Vectobac liquid via 50 gallon tank by boat and Altosid briquettes in shallow areas of the lake. Several cycles were completed this season. Lake levels dropped this year with low precipitation levels causing the Altosid treatment numbers to drop.

## Greenville County

Greenville County contracted an outside pest control company this season and a hotline was available for citizens to call in requests for areas that may require control and prevention services. Calls were accepted from June to September from citizens in Greenville, Simpsonville, Travelers Rest and Greer. The hotline number is [864-467-5988](tel:864-467-5988).

## City of Edgefield

David Coleman with the City of Edgefield stated that not many complaints were received this season. The mosquito activity seemed to be very low and there was not a need to spray as often as past seasons.

## City of Gaffney

Barry Bundy with the City of Gaffney stated that this season was very mild. They sprayed from April to October and did not receive any complaints.

## City of Clemson

The City of Clemson stated that the mosquito activity was low compared to the past several seasons. Every other week, spraying took place every other day from April to October. There were no complaints received this season.

## City of Fountain Inn

Lori Cooper with the City of Fountain Inn stated that the mosquito activity was much slower this season and may have been due to the lack of rain. Lori also stated that very few complaints were received this season.

## City of Seneca

Steven with the City of Seneca stated that the mosquito activity this season was moderate and very few complaints were received. They sprayed once every other week and stopped spraying in October.

# Lower Region

## Beaufort County

We are beginning to wind down on our adulticiding missions, although we still have service requests coming in from our historically troublesome areas. We recently completed a large-scale aerial larviciding mission which will hopefully prevent more adult emergence and bring the season to a close. Service requests have been fairly average for the past few months and this trend is reinforced by the average mosquito collection numbers. Rainfall has been sporadic with bouts of heavy rain followed by mild drought. Beaufort County narrowly avoided heavy flooding from Hurricane Dorian and wind damage was limited to downed tree limbs along the barrier islands. The approach of Hurricane Dorian coincided with predicted King Tides and caused an adult mosquito emergence immediately following the hurricane's departure. Unfortunately, our aircraft had been evacuated and weren't available for aerial adulticiding. We have been fortunate to have no arboviruses detected in Beaufort County this year and hopefully we will make it to winter with no viral incidence.

Our program has had three vacancies on our field/surveillance team for the past few months. This has limited the program to mainly essential activities, but we hope to have those positions filled before the season starts next year. BCMC will spend the "off season" updating and repairing our facilities and equipment. We hope to have a new heating system installed in our hangar as well as a vehicle storage building at our main facility. Some of our staff will be attending the Florida Mosquito Control Association (FMCA) Fly-In in January as well as the SCMCA/MAMCA Joint Annual Meeting in February.

Robert Cartner

## Charleston County

Despite typical severe summer thunderstorms, mosquito activity in the Charleston County area was declining at the end of August, and by the first week of September had decreased to the point at which very few ULV spray truck adulticiding missions were warranted for several days. That scenario changed with the influence of Hurricane Dorian beginning September 4<sup>th</sup>. Two-day rain totals (9/4 plus 9/5) in the region of up to seven inches prompted two days of aerial larviciding (helicopter and airplane) totaling 6,368 acres, the largest single rain event aerial treatment total of the year. The county-wide mosquito breeding generated by Dorian also caused the need for ULV spray truck missions to be conducted on a nearly nightly basis from Sept. 9 through the end of the month. An extended dry weather period followed Dorian, as no significant rain occurred in the area again until a cold front brought precipitation October 7. Continued summer-like temperatures through mid-October plus two mid-month rains of two inches (including the remnants of Tropical Storm Nestor) could generate considerable late season mosquito activity and associated control efforts into November.



# Lower Region

## Horry County

It has been an interesting season here in Horry County for mosquito control, we never really stopped answering service request all winter, and we began truck spraying and thermal fogging at the first of March. We put out 17000 larviciding tablets between May –June, and aerial sprayed over 165000 acres in the month of September right after hurricane Dorian. We added two more trucks to our spraying fleet, sprayed 18,521 miles, and added more traps and trapping sites as well. We have also done more public education seminars this year than in years past and have attended beekeeper association meetings as well. In the off-season, we will be attending Dodd Courses to further our education, along with remapping all beehive sites in the county this winter. We look forward to attending the SCMCA meeting in Greenville and would like to wish everyone a Happy Holiday Season!!!

James Brock

## City of North Myrtle Beach

The City of North Myrtle Beach experienced a good year as far as the Mosquito Control goes. We saw a relatively mild year in the number of mosquito complaints and the number of mosquitoes we found in our traps. Even with a hurricane passing close to our city, we saw our rainfall totals for the year decline drastically. The new FieldSeeker program we purchased has worked really well for us and has allowed the City to gather even more data than we have in the past. In addition, the new Grizzly sprayers worked extremely well. Hope everyone has experienced the kind of year we have and look forward to seeing everyone at the Annual Meeting in Greenville. I encourage everyone who can to attend, because it is going to be an awesome meeting.

Johnny Bruton

## Myrtle Beach

The Mosquito Control Program for the City of Myrtle Beach for 2019 was busy but not unusual. Our new truck and new Grizzly ULV are doing great, but the new software will take a little longer to master. Hurricane Dorian did little damage to the city but no flooding so there was little impact on the program. New people keep moving to the area and answering their questions takes up a good bit of our time, but education is a part of and necessary to the success of our program.

Clarence VanHouten

## MAMCA/SCMCA MEETING

February 19-21, 2020

Mark your calendars and plan to attend the upcoming joint meeting of the Mid-Atlantic and South Carolina Mosquito Control Associations. The meeting will be held at the Hilton in Greenville, South Carolina.

The Mid-Atlantic Mosquito Control Association (MAMCA) is a non-profit, professional organization founded in 1975. The membership consists primarily of local/state/federal government officials, industry, and research/academic members from the nine-member states of Delaware, Georgia, Maryland, North Carolina, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia.

The MAMCA meeting site rotates among the member states. South Carolina was one of the founding members of the MAMCA and will be the host state for the 2020 meeting. Recent MAMCA meetings in SC have been held in Charleston (2007) and Columbia (2013).

SCMCA Officers/Board Members representing us on the MAMCA Board from SC include: Vice President, Robert Cartner, SC Director, Special Davison, and Historian, Sue Ferguson. They are hard at work to ensure an interesting and enjoyable conference. Attendance will provide an opportunity to meet fellow mosquito control professionals, learn more about the various programs in the Mid-Atlantic region, and earn credits for your pesticide license.

More details will be available soon through each organizations' newsletters and websites: <https://www.mamca.org> and [www.scmca.net](http://www.scmca.net). For local information about Greenville, go to <https://www.visitgreenvillesc.com/>.

Let's welcome MAMCA to Greenville in 2020 for some Southern hospitality!



# Mid-Atlantic Mosquito Control Association Officers and Board Members

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# 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>

**REGISTRATION IS NOW OPEN...**

[Click Here](#)

**For the 45<sup>th</sup> MAMCA Annual Meeting jointly with SCMCA**



**Meet new colleagues from the Mid-Atlantic region and earn your CEUs!**



**SOUTH CAROLINA MOSQUITO CONTROL ASSOCIATION, INC.**

**Attn: Olin Towery, Secretary Treasurer**

**Richland County Vector Control**

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**MEMBERSHIP APPLICATION**

**NAME:** \_\_\_\_\_

**ORGANIZATION:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_  
 \_\_\_\_\_

**WORK PHONE:** \_\_\_\_\_

**FAX:** \_\_\_\_\_

**E-MAIL:** \_\_\_\_\_

**TYPE OF MEMBERSHIP/ DUES (Renewal due at Annual Meeting)**

<b>Active Member</b>	<b>\$ 10.00</b>
<b>*Sustaining Member</b>	<b>\$150.00</b>

**\*Includes one active membership**

Please make checks payable to SCMCA and return to Olin Towery at the address above.

<b>For Office Use Only:</b>	Region: Upper / Middle / Lower
Amount Paid \$ _____ Date Paid: _____	<input type="checkbox"/> Check # _____ <input type="checkbox"/> Cash

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## SCMCA – Promoting Mosquito Control in South Carolina

### *The Landing Rate Count*

**SC Mosquito Control Association**  
c/o Richland County Vector Control  
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