



The Skeeter



Newsletter of the Virginia Mosquito Control Association

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President's Message

Happy New Year! Welcome 2014 and we now look forward to a whole new season to come. Looking back at 2013, it was not a terribly bad mosquito season despite some areas of concern. Overall disease numbers were below average in the state and human disease cases were down. I would like to attribute this completely to the outstanding work of our VMCA members but perhaps there were a few other factors involved as well. Regardless, we now look ahead to a new year and all the challenges that it will bring.



Joe Simmons
VMCA President 2013

Let's begin the New Year by attending the VMCA annual meeting to be held at the beautiful Hilton Oceanfront Hotel in Virginia Beach February 12-14, 2014. This is a wonderful venue for our meeting with excellent accommodations, great views and wonderful food. If you have not already made your reservations, please do so soon. This will be an outstanding meeting with speakers on a wide range of topics and areas of interest. It is also a great time to network with experts from other areas and see new products and equipment.

Please remember to vote online for the open offices on the VMCA board. The candidates are all excellent individuals who will do an outstanding job regardless of who actually wins the election. If you do not have email, you may vote at the annual meeting.

As my tenure as VMCA President comes to a close, I would like to thank all those who have helped to make this past year a successful one. To all of the people who have given of their time and talents to ensure that our annual meetings are of the quality our members have come to expect, I say **Thank You!** A special thanks goes to the members of the various committees and to the members of the VMCA Board for all the hours of hard work that you have donated to our organization.

Again it has been a pleasure to work with such a fine group of people who are dedicated to protecting the citizens of the great Commonwealth of Virginia. Good Luck and God Bless in the New Year and hope to see you all in Virginia Beach.

Joe Simmons, VMCA President

Announcements

Upcoming meetings

2014 VMCA Re-certification Course

January 15, 2014
Hampton, VA

SEE PAGE 7!

American Mosquito Control Association Annual Meeting

February 2-6, 2014
Seattle, WA

Virginia Mosquito Control Association Annual Meeting

February 12-14, 2014
Virginia Beach, VA

Mid-Atlantic Mosquito Control Association Annual Conference

March 4-6, 2014
Cambridge, MD

Have information on meeting that may be of interest to VMCA members?

Attend a meeting and want to submit a summary?

Send it to the editor (see page 11)!

Right: York County mosquito control celebrates every year at Christmas by decorating our 300- pound metallic mosquito fondly known as "*Aedes carpartus*". It creates a lot of citizen buzz and enjoyment during the festive season. Amen!

Submitted by Tom Gallagher



What's that?



Answer on Page 5.

VMCA organizational mailing address

Make sure you send all forms to the proper address.

Virginia Mosquito Control Association
Penelope Smelser, Secretary/Treasurer
2800 Tarrant Street
Norfolk, VA 23509
Phone (757) 683-8662
Email Penelope.smelser@norfolk.gov

Investigation into the longevity of Sustain MBG

From: Jane Bonds: Bonds Consulting Group

Five different larval habitats were treated with a new extended release Bti product from AllPro Vector, whose formulation is named Sustain MBG. This formulation is a granule of water-soluble layers that release the Bti when wet and cease to breakdown when dry. Previous experiments have shown that Sustain MBG provides 3-4 weeks control in flooded pastures, salt marshes and other containers; further tests were required. Bonds Consulting Group was contracted to conduct a portion of this further testing, and to accumulate the previous research for a presentation to the Florida Mosquito Control Association.

Methods

The habitats to be treated (10lb/ac Sustain MGB) were eight catch basins, four at Cypress Apartments and four at Bose Allan Engineering Services, which were highly productive (Fig 1). There were also three ditches (Dorothy, Alison and Polly). The Bose Allan catch basin contained clean-looking water compared to the Cypress Apartments, which had a lot of detritus and a foul odor. Although no flow was observed in either set of catch basins, mechanics at the Bose Allan site said that it does wash through in heavy rains, and on 10/11/13 it was noted that the sprinklers at the Bose Allan site ran into the drains.



Figure 1. Catch basin.



Figure 2. Ditches Dorothy (A), Polly (B), and Alison (C). Although there was grass in Dorothy, the water was clear. Polly was highly organic, while Alison had a lot of dead vegetation and general detritus.

The first ditch, Dorothy, was found and treated 9/12/13; all other sites were found and treated 9/26/13. West Nile Virus had been detected in Bay County, so it was decided that untreated controls would be irresponsible. Controls therefore were pre-treatment counts. Dorothy (Fig. 2A) was a flooded grass ditch 4" deep with some aquatic vegetation, and the water was clear (Fig. 3). Polly (Fig. 2B) was the deepest ditch at 10" deep, with a lot of vegetation (grass and aquatic), dead vegetation and algae. The third ditch Alison (Fig. 2C), was approximately 4" deep with a lot of dead vegetation and detritus. None of the ditches had any through flow, and all sites retained water for the duration of the study.

The catch basins were sampled using a fine meshed aquarium net capable of picking up first instar larvae. Each basin was sampled five times (Fig. 4), the collected larvae placed in pots and returned to the laboratory for counting.

The ditches were sampled ten times using a standard larval dipper. Samples of the larvae were placed in emergence cages and the adults taken to Cindy Mulla at Beach Mosquito Control for identification. The predominant species were *Culex quinquefasciatus* and *Culex nigripalpus*.

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Figure 3. Water quality at the three treatment ditches.

Investigation into the longevity of Sustain MBG (continued)

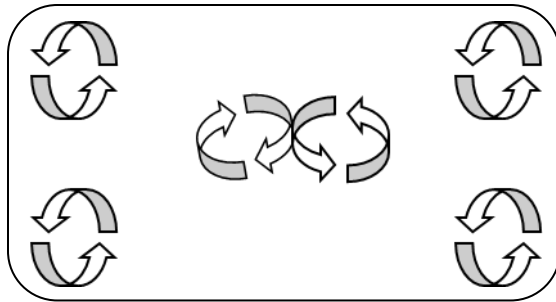


Figure 4. Sampling regime in each catch basin. Five circular motions in the corners, and a figure eight in the center.

Results

Control was achieved for three to four weeks in both catch basins (Table 1). The Bose Allan site appeared to start producing more rapidly but this could be due to additional dilution by the sprinkler water. The heavy rains on 9/21/13 and 9/22/13 did not appear to have an effect.

Control was observed at the Dorothy site for over four weeks, where Alison and Polly maintained control for just over three weeks (Table 2). Alison showed the most marked larval population increase likely due to the increased depth at this site, which would have led to dilution of the formulation.

Discussion

The data presented in this report sit in line with previous studies. Studies conducted in Harrison County reported that the formulation maintained control for a longer duration than this study which is likely due to the dry down of the ditches. When the formulation dries down it is no longer being dissolved. In this study the sites stayed flooded for the duration of the study so the granule was continuously dissolving. The metric used in determining the efficacy in this study is the presence of pupae over the larvae due to the nature of Bti.

One query was, what was the effect of organic matter on the breakdown of the formulation. In the ditches the site with the lowest organic matter content did maintain control for the longest period. In the catch basins the formulation maintained control for an equal duration regardless of organic matter content. This result however could have been confounded by additional dilution from sprinkler water. Overall the field trials to date confirm that Sustain MGB does release effective rates of Bti over an extended period. The longevity of Sustain MGB is approximately 3-4 weeks depending on the habitat and possibly more if there is a dry down of the site.

Table 1. Larval and pupal counts from Cypress Apartments and Bose Allan drainage basins, 2013.

Date	Week	Cypress Apartments								Bose Allan							
		CY1		CY2		CY3		CY4		BA1		BA2		BA3		BA4	
		L ^a	P ^a	L	P	L	P	L	P	L	P	L	P	L	P	L	P
9/19	1 ^b	28	9	15	5	15	3	24	1	24	1	16	4	20	2	23	1
9/26	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3	3	0	0	4	0	1	0	3	0	0	0	0	0	0	0	0	0
10/11	4	0	0	3	1	4	0	5	1	7	0	10	0	2	0	5	0
10/18	5	8	0	7	0	12	2	13	3	5	1	4	0	4	0	1	0

^a L = larvae, P = pupae. ^b Pre-treatment controls.

Table 2. Juvenile counts for the three ditches, 2013.

Date	Week	Dorothy		Polly		Alison	
		L ^a	P ^a	Week	L	P	L
9/12	1 ^b	113	15				
9/19	2	0	0	1 ^b	120	4	113 34
9/26	3	0	0	2	2	0	2 0
10/3	4	0	0	3	0	0	3 0
10/11	5	6	3	4	12	1	12 1
10/18	6	33	3	5	14	6	62 7

^a L = larvae, P = pupae. ^b Pre-treatment controls.

This report is formally presented to Bruce Russell of AllPro Vector for review and comment, by Dr. Jane Bonds. Bonds Consulting Group LLC.

Submitted by Joe Andrews

VMCA Bylaws—Proposed Changes

Article XIII, Section 1 states that changes to the bylaws must be approved by the executive board and sent to the membership at least 30 days prior to the annual meeting. Below are the changes to the bylaws recommended by the board. These will be discussed and voted on at the annual meeting; a 2/3 vote of the members present is needed for passage.

In the amended section below, changes are indicated in **red**. Text that is ~~stricken through~~ is deleted and text in **bold** is added.

Article V Officers and Committees

Section 1. Officers

A. The association officers shall consist of the ~~P~~resident, ~~P~~resident ~~E~~elect, ~~V~~ice ~~P~~resident, ~~F~~irst ~~V~~ice ~~P~~resident, ~~S~~ecretary ~~T~~reasurer, and ~~C~~urrent ~~P~~ast ~~P~~resident. The MAMCA representative and TMVCC chairperson are special non-voting officers. Amended Feb. 14, 1997.

B. The ~~P~~resident, ~~P~~resident ~~E~~elect, ~~V~~ice ~~P~~resident and ~~F~~irst ~~V~~ice ~~P~~resident shall serve until elections the following year. Amended Feb. 14, 1997.

C. The secretary/treasurer will serve a two-year term.

In case of a vacancy or if an officer is unable to fulfill the duties of the office of President, ~~or~~ President Elect, **or Vice President**, the next officer in progression would ascend to the vacated office as decided by the Executive committee. **In case of a vacancy or if an officer is unable to fulfill the duties of Secretary Treasurer or First Vice President the executive committee can appoint a person(s) to serve until the next elections.** The Executive committee shall notify the membership in writing of any changes.

York County Update

What's That? Answer



That is the tail end of a C-130 spraying Naled. In October due to a serious emergence of salt marsh mosquitoes in York County, coordination was made with Langley AFB for an aerial spray. Naled pesticide was applied at 1/2 oz. per acre at half of the EPA allowable rate. All citizens were notified well in advance via the media and spray hotline of the event. Many favorable citizen calls were received for the successful aerial application.

Submitted by Tom Gallagher

Candidates for VMCA Office

This year, the VMCA has two vacancies, 1st Vice President and Vice President. The following candidates have agreed to serve if elected. In this election, the highest vote-getter will become Vice President, while the runner-up will become 1st Vice President.

Betsy Forbes Hodson

Education: BA in Biology 1999

Certificates: Virginia State Education License Biology 2005, Master Oyster Gardener 2004, Registered Technician 2012

Positions: Education Associate Virginia Living Museum 2000 – 2005, Educator for Virginia Schools 2005 – 2010, Biologist in Mosquito Control York County 2012

Professional Highlights: Paul Harris Fellow from Hampton Roads Rotary Club 2008, Chesapeake Bay Foundation Speaker's Bureau Volunteer Program 2005, Duke Marine Laboratory Field Experience Advisor 2001, 2003, 2004, 2006 and 2010, DCR's General Stormwater Training Course 2012, DEQ's Stormwater Management Basic Course 2013, Washington Days 2013

Statement: Since working in Mosquito Control Betsy has learned a great deal about the importance of monitoring mosquito populations. Her goal is to promote the importance of mosquito control and education while working with this stellar organization.



Jeff Hottenstein

I attended my first VMCA in 1988 as a Sales Representative for Beecomist Systems from Telford, PA. I then moved to Northeast Vector Management, Freehold, NJ as a Sales Rep. until NEVM was purchased by Clarke. I have been a regular attendee since 1988. I have also represented VMCA at the AMCA Washington Days for the last 7 years, making the rounds on Capitol Hill informing our legislators about mosquito control issues involving the counties and cities they represent.

Becomist Systems, Sales Rep.	1987 - 1988
Northeast Vector, Sales Rep.	1989 - 1996
Clarke, Control Consultant	1996 - 2010
Clarke, Regional Sales Manager	2011 - present



Josh Smith

Josh has been working at the Fairfax County Health Department in the Disease Carrying Insects Program where he began as a biologist in 2007, became the senior biologist in 2009, and has been the supervisor of the program since October 2013. His work in Fairfax County has focused on mosquito- and tick-borne disease surveillance and health promotion through education and outreach. Prior to working in Fairfax County, he had a research fellowship with the Centers for Disease Control and Prevention Dengue Branch in San Juan, Puerto Rico, where he studied *Aedes aegypti* in urban, suburban and rural Puerto Rico and helped document West Nile virus-infected mosquitoes on the island for the first time. He started studying mosquitoes when he began working on his Master's degree in Entomology at the University of Nebraska-Lincoln. As a graduate student and later a contract employee with the Nebraska Department of Health and Human Services, Josh helped establish a statewide mosquito-borne disease surveillance system and helped document the introduction and establishment of West Nile virus in the state. As an undergraduate, Josh studied Anthropology and Biological Sciences at the University of Nebraska-Lincoln. In his free time, he enjoys reading and spending time with his family.



Meeting Registration

**VIRGINIA MOSQUITO CONTROL ASSOCIATION
PRE-REGISTRATION FORM
ANNUAL MEETING, FEBRUARY 12-14, 2014
Hilton Oceanfront, Virginia Beach, VA**

Name: _____	Registration Fee Schedule (check one)
Affiliation: _____	Regular Member* \$90.00 _____
Mailing Address: _____	Non-Member* \$100.00 _____
City: _____ State: _____	Full-time Student* \$25.00 _____
Work Phone: _____ Home Phone: _____	One-day fee (including banquet) \$55.00 _____
Email: _____	One-day fee (excluding banquet) \$25.00 _____

*Registration fee includes coffee breaks, banquet, and socials. Registration at the door will be \$10 higher. This form is for Annual Meeting registration only, use separate form for membership. Get the full form [here](#). Please fill out form completely and e-mail, mail, or fax to:

Virginia Mosquito Control Association
Attn: Penelope Smelser, Secretary/Treasurer
 2800 Tarrant Street
 Norfolk, VA 23509
Email: Penelope.smelser@norfolk.gov
Phone: 757-683-8662
Cell: 757-478-0504
Fax: 757-683-2500



Call for VMCA Executive Board Nominations

The VMCA is looking for nominations for the Executive Board. We are always looking for motivated/enthusiastic/interested people to help out the organization, and we would love to have you on board. The VMCA Executive Board leads the organization in the direction that is in line with our mission “to advance the cause of responsible mosquito control,” with the purpose of:

- Promoting environmentally sound mosquito control practices in Virginia;
- Keeping abreast of developments and methods;
- Disseminating information and provide training to association members and other interested parties;
- Educating the general public; and
- Uniting common interests and objectives to further professionalism in the control of mosquitoes.



If you know an any individual who is interested in serving on the VMCA Executive Board please nominate that individual. Note that the VMCA By-Laws state: “All nominations, including write-in candidates, shall carry the consent of the nominee and assurance that they will serve if elected.” Nominations for all executive positions are accepted. It is the priority of the Nominating Committee via the By-Laws that the ballot contains the name of the President-Elect as a nominee for the office of President and contain at least two qualified candidates for the office of First Vice President. All nominations will be due in early December (date TBA). Please send all nominations to Past President Joe Simmons at jsimmons@cityofchesapeake.net.

2014 VMCA Re-Certification Course

VIRGINIA MOSQUITO CONTROL ASSOCIATION 2014 VMCA RE-CERTIFICATION COURSE

Dear Members,

The Virginia Mosquito Control Association is sponsoring a re-certification course for Categories 6, 8 & Registered Technician (60) on Wednesday, January 15, 2014. It will be held at the Hampton Library, 4207 Victoria Blvd, Hampton, Virginia. Registration is at 9:00 AM.

Please be on time!

The fee for this course is **\$10.00 for VMCA Members, \$15.00 for non-members (applicators not for hire), and \$30.00 for non-members (applicators for hire). There will be a \$2.00 late fee after January 8, 2014.**

Should you have any questions or need further assistance, please contact either Lisa Wagenbrenner at (757)673-3932 or Penelope Smelser at (757) 683-8662.

NAME: _____ PHONE: _____

CERTIFICATE NUMBER: _____

AFFILIATION/ORGANIZATION: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

Please make check payable to VMCA.

Mail or fax form to: Penelope Smelser, Secretary/Treasurer, 2800 Tarrant Street, Norfolk, VA 23509. Phone: 757-683-8662, Cell: 757-478-0504, Fax: 757-683-2500, Email: penelope.smelser@norfolk.gov

Directions

Location: Hampton Library

Address: 4207 Victoria Blvd, City of Hampton, Virginia

Phone: (757) 727-1154 (Library)

Parking: Please park at the stadium parking lot across the street.

Coming from I-64 West

Take exit 267, make a left on Settlers Landing Road, proceed to bridge and through town, make a left on Kecoughtan Road, go two blocks, Hampton Library is on your left at the corner of Kecoughtan and Victoria Roads.

Coming from I-64 East

Take exit 265A to Lasalle Avenue, make a right, go to Settlers Landing Road, make a left, go to Kecoughtan Road, make a right and go two blocks, Hampton Library will be on the left.

Coming from I-664

Take exit 265A to Lasalle Avenue, make a right, go to Settlers Landing Road, make a left, go to Kecoughtan Road, make a right, go two blocks, Hampton Library is on the left.

MAMCA Annual Meeting Registration

MID-ATLANTIC MOSQUITO CONTROL ASSOCIATION 39TH ANNUAL MEETING MARCH 4 – 6, 2014 CAMBRIDGE, MARYLAND

DELEGATE REGISTRATION

The 2014 MAMCA Annual Meeting will be held at the Hyatt Regency Chesapeake Bay on March 4-6, 2014. The full conference registration fee is \$120.00 and includes all breaks, supplier's social and lunch banquet. One-day registrations are also available. Payment must be by cash, check, or money order. **Credit cards are not accepted.**

SUSTAINING MEMBER/EXHIBITOR REGISTRATION

All current Sustaining Members are entitled to one exhibit space at the annual meeting, one (1) full conference registration, one individual membership, and recognition in all association-sponsored publications. The Sustaining Member dues are \$600.00/YR and must be paid prior to the Annual Meeting.

HOTEL RESERVATIONS

Conference room rates at the Hyatt Regency for single or double occupancy are \$114 (government rate as of September 23, 2013; may change). Rooms can be reserved by calling (888) 421-1442 or the reservation website at <https://resweb.passkey.com/go/Mosquito2>. You must mention that you are with the group - the Mosquito Control Conference in order to receive the conference rate. Space is limited, so reservations must be made by **February 8, 2014**, after which time the room rate is not guaranteed. Hotel parking is complimentary.

MEMBERSHIP DUES

Regular membership in MAMCA is **\$10.00** yearly. Please include dues when registering for the meeting, if you have not done so already. If you are unable to attend the annual meeting, but wish to join or renew your membership in MAMCA, please complete the applicable portion of the form below.

To register for this meeting, please complete and return this form, with payment, by **February 4, 2014**. **Registrations received after this date must contain a \$10.00 late fee. If the late fee is not included in such registrations, it will be assessed for payment at check-in registration. To avoid a late fee, verify that Andy Kyle has received your information or knows you plan to attend before the deadline.**

Name: Companion:

Organization:

Mailing Address:

City: State: Zip:

Phone: Fax: E-mail:

Full Registration	\$120.00	<input type="text"/>
Late Fee (Assessed after February 4, 2014)	\$10.00	<input type="text"/>
One-Day Registration	\$70.00	<input type="text"/>
Student Registration	\$70.00	<input type="text"/>
Additional Banquet Tickets <i>Indicate number of tickets</i> (<input type="text"/>)	\$50.00	<input type="text"/> 0.00
Sustaining Member Registration (Includes 2014 Dues).....	\$600.00	<input type="text"/>
Will you be Exhibiting at meeting? Yes <input type="checkbox"/> No <input type="checkbox"/>		
Dues 2014 - Regular Membership	\$10.00	<input type="text"/>
TOTAL ENCLOSED \$		<input type="text"/>

Requests for refunds due to cancellation must be sent to Andy Kyle (contact info at the bottom of this page) and will be issued according to the following schedule: Notification received by February 11, 2014 - 100%; received February 11-February 21, 2014 - 50%. **If notification of cancellation is not received by February 21, 2014, no refund will be issued.**

Make checks payable to **MAMCA** and mail with this form to: Andy Kyle, MAMCA Secretary-Treasurer, 2471 Mayfield Street, York, PA 17406. Questions? Call Andy Kyle at (717) 346-8241 or email: akyle@pa.gov

VMCA Membership Application and Renewal Form

Virginia Mosquito Control Association New Membership & Member Renewal Application

MEMBERSHIP TYPE: () RENEWAL () NEW
 Mark an "X" in the appropriate box

Membership payment is by calendar year

NAME:	Regular \$ 15.00	
PHONE:	Associate \$ 10.00	
ADDRESS:	Student: *Enclose proof of student status \$ 10.00	
E-MAIL:		
ORGANIZATION:		
	TOTAL SUBMITTED	

Please "X" here if you cannot receive the newsletter by email

Questions or comments can be directed to Penelope Smelser, Secretary-Treasurer, 757-683-8662 or mail to: Penelope.smelser@norfolk.gov

Send payment (made payable to **VMCA**) and mail/fax this form to Secretary/Treasurer –or- fill out the form, save and submit by email.

Penelope Smelser
 VMCA Secretary-Treasurer
 2800 Tarrant Street
 Norfolk, VA 23509
 757-683-8662 office phone
 757-683-2500 office fax

Regular Member - VMCA Newsletter, hold office, serve on committees, propose motions, vote, and participate in business meetings.

Associate Member - VMCA Newsletter, participate in business meetings.

Student Member - VMCA Newsletter, serve on committees and participate in business meetings.

(Student must be enrolled at least 1/2 time in an accredited college or university and produce valid College/University ID Card.)

2013 Sustaining Members

The VMCA gratefully acknowledges the support of the following sustaining members for 2013. Without their generous contributions, much of what we do would not be possible. Please do not hesitate to contact them. They are here to help you!

<p>Ted Bean (814) 671-6516 tbean@myadapco.com</p> 	<p>Peter Connelly (772) 563-0606 peterc@amvac.net</p> 
	<p>Charlie Pate (706) 338-4734 cpate@central.com</p> 
<p>Jeff Hottenstein (703) 498-9362 jhottenstein@clarke.com</p> 	<p>Matt Crabbe (804) 334-7370 crabav@gmail.com</p> 
<p>Caleb Stitely (540) 828-6070 cstitely@dynamicaviation.com</p> 	<p>AllPro Vector GROUP</p> <p>Joe Andrews (888) 603-1008 joea@allprovector.com</p> 
<p>Doug Hill (800) 570-4277 Dhill@morrellonline.com</p>  	<p>Zachary Cohen (800) 227-8664 zcohen@summitchemical.com</p> 
 <p>Mike Leahy (804) 615-8648 Mike.leahy@univarusa.com</p>	<p>VALENT BIOSCIENCES CORPORATION</p> <p>Jim Andrews (910) 547-8070 j.andrews@valent.com</p> 

Virginia Mosquito Control Organizations & Other Resources

As a result of revisions to the VMCA By-Laws, the organizational member category was eliminated. In order to facilitate communication among mosquito control districts, those that have traditionally been organizational members are listed below along with their websites. If there are other sites that should be listed, please submit them to the editor.

Virginia Mosquito Control Organizations

Boykins, Town of
Chesapeake Mosquito Control Commission
 Emporia, City of
Fairfax County Health Department
 Fort Eustis
Gloucester County
Hampton, City of
 Henrico County
Newport News, City of
 Richmond, City of
Suffolk, City of
 US Air Force / Langley Air Force Base
York County

Health Information

Virginia Department of Health
Centers for Disease Control & Prevention

Other Mosquito Control Organizations

Mid-Atlantic Mosquito Control Association
American Mosquito Control Association

AMCA/Fairfax County Education and Outreach Materials

Not a member? Join us at:
<http://www.mosquito-va.org/membership.htm>

Annual dues for 2014 are:
 Regular member \$15
 Associate member \$10
 Student member \$10
 Sustaining member \$400

Submissions wanted!

Have something you'd like to include in the next issue of *The Skeeter*? We are looking for organizational updates, operational news, education and other outreach activities, pictures, stories, or other vaguely vector-related items to include in an upcoming newsletter.

Please send all items to Justin Anderson at janderson152@radford.edu.

The deadline for inclusion in the next issue is: **March 31, 2014.**

The Skeeter

Newsletter of The Virginia Mosquito Control Association

Justin Anderson
Department of Biology, Box 6931
Radford University
Radford, VA 24142
Phone (540) 831-5639
Fax (540) 831-5129



www.mosquito-va.org

Take the time to volunteer on a committee. An active membership makes for a stronger organization.
Contact anyone on the Board to participate.

2013 Virginia Mosquito Control Association Officers

President: Joe Simmons	(757) 382-3450 jsimmons@cityofchesapeake.net
President Elect: Jennifer Pierce	(757) 426-5420 JPierce@vbgov.com
Vice President: Jay Kiser	(757) 514-7608 jkiser@suffolkva.us
1st Vice President: Jeff Hottenstein (interim)	(703) 498-9362 jhottenstein@clarke.com
Secretary / Treasurer: Penelope Smelser	(757) 683-8662 Penelope.smelser@norfolk.gov
Past President: Lisa Wagenbrenner	(757) 673-3932 lwagenbrenner@cityofchesapeake.net
*TMVCC Representative: LaToya White	(757) 514-7608 lnwhite@suffolkva.us
*MAMCA Representative: Tim DuBois	(757) 727-2808 tdubois@hampton.gov
*Non-voting member of the Board	

The Skeeter is the official publication of the Virginia Mosquito Control Association.

The VMCA membership is encouraged to submit articles, reviews, and any other interesting facts or tidbits for publication. Submissions can be sent to Justin Anderson at skeeter@radford.edu.

Committee Chair / Production: Justin Anderson, Radford University

Distribution: Penelope Smelser, Norfolk

Editorial review: All the members of the board.

Production advisor: George Wojcik, City of Portsmouth