

THE SKEETER

Vol. 78. No.2

2018 Summer Newsletter



Official Newsletter of the Virginia
Mosquito Control Association

President's Address

Most of us are deep into the mosquito season and many of us have seen some record precipitation not related to a hurricane or tropical storms. This rainfall has helped to kick off flooding and mosquito production.

The VMCA now has a GoToMeeting Account. This account is available to all VMCA committees and can be used for remote presentations or other organization related items. Please coordinate with Charles Abadam for scheduling events.

Now is the time to start thinking about the annual meeting. If you have new equipment or something unique for your locality please submit a topic or ideas for presentations to [LaToya](#) (2019 Program Chair).

-George



George Wojcik
2018 VMCA President

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VMCA Organizational Mailing Address

Virginia Mosquito Control Association
Jay Kiser, Secretary/Treasurer
800 Carolina Rd
Suffolk, VA 23434
Phone: (757) 514-7608
Email: virginiamosquito@gmail.com

Announcements

From the Editor

I hope everyone's been keeping cool and dry this summer! It's been a strange mosquito season up in Prince William County, between a cold, late spring and nonstop summer storms. Oh the *Psorophora*...

I know it's a hectic time of year, but it's never too early to start thinking about submissions for the Fall Skeeter! We'd love to hear about how your programs have incorporated bottle bioassay pesticide resistance testing, any research projects you've conducted, community initiatives, weird finds in the field, interesting photos; you name it. Let us know what you've been up to. Send submissions to me (Rachel Kempf) at rkempf@pwcgov.org, or info committee co-chair Karen Akaratovic (kakaratovic@suffolkva.us). Submissions are tentatively due by October 12th, for a publication date of November 2nd.

You can now sign up for or renew your VMCA membership online! Visit our website and fill out the form [here](#)



What's That...?

Answer on page 16

Upcoming Events

15th International [Conference](#) on Lyme Borreliosis and Other Tick-Borne Diseases

September 11-14, 2018
Atlanta, Georgia

PVCA 2018 Annual [Meeting](#)

October 24-26, 2018
Boalsburg, PA

SCMCA Annual [Meeting](#)

November 7-9, 2018
Greenville, SC

ESA, ESC, ESBC Joint Annual [Meeting](#)

November 11-14, 2018
Vancouver, Canada

VMCA Student Poster Competition

Submission [Due Date](#)

November 27, 2018

NCMVCA Annual [Meeting](#)

December 3-4, 2018
Greenville, North Carolina

NMCA Annual [Meeting](#)

December 3-5, 2018
Nashua, NH

72nd Annual VMCA [Meeting](#)

February 5-7, 2019
Virginia Beach, Virginia

85th Annual AMCA [Meeting](#)

February 25-March 1, 2019
Orlando, FL

44th MAMCA Annual [Meeting](#)

March 26-28, 2019
Harrisburg, PA

Call for 2018 Award Nominations

-Submitted by VMCA Secretary/Treasurer Jay Kiser

Each year at the annual meeting, VMCA recognizes individuals or a group of individuals who have contributed to making the VMCA the best it can be. The Awards Committee and VMCA Executive Board are currently accepting nominations of members and peers who deserve recognition. Please send your nominations and supporting documentation via email to Awards Committee Chair Jennifer Barritt (JBarritt@vbgov.com) by January 1st, 2019. Below is a list of VMCA awards and their descriptions. If you are interested in who has received awards in the past, the VMCA website has a [page devoted](#) to those individuals.

VMCA Award Descriptions

R.E. Dorer Award: The highest honor award that may be given to a very elite individual that has contributed much to VMCA.

Honorary Membership: Award that may be given to someone that has contributed to VMCA and may be near retirement.

Distinguished Service Award: Awarded for exceptional service with VMCA organizational work.

Outstanding Service Award: Awarded for exceptional service in field work.

Certificate of Appreciation: Award given to some non-member that did some special service for VMCA.

Dr. Jorge Arias Student Competition Award: Award given to the Winner of that year's VMCA student competition.

Student Competition Committee Update

-Submitted by Ann Herring, Student Competition Committee member

Student Competition Committee continues fundraising success!

On May 9, 2018 at TMVCC's annual Spray Truck Calibration Rodeo sponsored by Clarke, the VMCA Student Competition Committee held a 50/50 raffle in support of the student poster award and the winner was Roger Piland with the U.S. Navy. Roger won \$55.00!

The Student Competition Committee would like to thank all of you that took a chance and for your support. Keep your eyes and ears open for future fundraising opportunities!



Call for 2019 Executive Board Nominations

-Submitted by VMCA Secretary/Treasurer Jay Kiser

VMCA's Nominating Committee is seeking nominations for the 2019 VMCA Executive Board. Are you or a VMCA member you know interested in being on the VMCA board? If so, please contact the Nominating Committee Chair, Jeff Hottenstein (jhottenstein@clarke.com), with the name and contact information of your nominee. We are seeking nominations for the First Vice President opening on the 2019 executive board. The member voted into this position typically moves up the ranks of the executive board each successive year; a five year commitment. VMCA needs the help of dedicated and enthusiastic individuals to keep our organization running great. Deadline for submissions will be November 1st, but the earlier we hear from you the better.

Free GoToMeeting Access

-Submitted by Tech Support Committee Chair Charles Abadam

This year the VMCA subscribed to GoToMeeting.com in order to continue to have meetings with our executive board members that cannot attend the meetings in person but have remote capability. Now that we have more experience using the online meeting software, we are making it available to VMCA members free of charge. Members who want access to use the software must [email Charles Abadam](#), Technical Support Committee Chair, to set up the meeting you have planned. In the email please include the meeting day, meeting time, and participant emails so the meeting can be scheduled. Once the meeting is scheduled a link will be sent to the meeting planner and participants. If any meeting participants are forgotten it is easy enough to add them to the meeting by sending them an email with the meeting link. If any meeting details change, please email Charles Abadam immediately and he can edit the meeting to accommodate these new changes.

You can use this software to have meetings with anyone that has online access with either a desktop, laptop, or even a smartphone. To get the most out of the software and have the complete experience of a virtual meeting all participants of the meeting should have a web cam and a microphone so you can see and hear everyone clearly. The VMCA has used this software at the annual meetings in recent years for speakers that were not able to attend the meeting and still wanted to present their information to the group. Many of you may have been at these meetings and with all the right equipment we were able to hear and see these speakers clearly. It is especially helpful when there is something visual that you would like to see from another mosquito control program. Recently Suffolk Mosquito Control was able to use the software to meet with Chip Hancock from Sarasota County Mosquito Management Services in Florida. Chip created a modified Reiter-Cummings Gravid Trap that we were interested in learning more about to use in our program. He was able to show us the particular features of the trap that we couldn't quite grasp visually in the pictures and description in the Fall 2017 Wing Beats article about his trap. It helped greatly to see the trap he created and that opportunity was only open because we were able to use the GoToMeeting software. So the VMCA invites all of our members to take advantage of this software in ways that will help your program flourish.

AMCA Mid-Atlantic Regional Director

AMCA is looking for a new Mid-Atlantic Regional Director

Dennis Salmen has been our Mid-Atlantic Regional Director for the AMCA for the past two 3 year terms, his current term ends in the fall of this year. Unfortunately Dennis is not eligible to serve a third term. As part of his role as RD he has to provide at least two names to the nominating committee. This position represents the entire Mid-Atlantic Region of the AMCA (Delaware, Maryland, North Carolina, Virginia, and West Virginia). The new director will serve as a link between the AMCA board and Regional members. They will be expected to attend annual state meetings within their region as well as AMCA board meetings and annual meetings. The full list of Regional Director Duties and Responsibilities are listed below.

Regional Director Duties and Responsibilities

F. Directors

Regional Directors are elected by their regional members to serve on the Board of Directors for a three-year term, with tenure limited to two consecutive terms. The Industry Director serves the same term but is elected by the full membership. Currently there are nine regions headed by Regional Directors. Directors should possess financial backing that enables them, at a minimum, to attend both the annual meeting and the interim Board meeting in addition to several state/regional meetings each year.

Directors are the link between the members and Board, and they represent their membership in all matters that pertain to the AMCA in addition to keeping their constituents informed of the recent happenings in the Association. To this end, communication with their constituents, the Board, and AMCA staff is critical. Specific duties to this end include, but are not limited to:

1. Directors should attend each state or regional association meeting within their region at least once during their term of office.
 - a. As members of the AMCA Membership Committee, Directors will actively recruit new members for the AMCA at conferences.
 - b. Directors will ensure that members within their regions are apprised of publications and services available through the Central Office.
 - c. Directors will make every attempt to deliver the AMCA presidential update at state/regional conferences when the AMCA President or Technical Advisor is not available.
 - d. Directors will actively solicit membership attendance at the annual Washington Legislative Day conference.
2. Directors will keep the Board of Directors and, when applicable, the Central Office and Technical Advisor, informed of developments and happenings in mosquito control in their respective regions.
3. Directors will submit names of deceased members, upcoming meetings, workshops and other items of interest for the AMCA Newsletter, Wing Beats and the Journal of the AMCA.
4. Directors will submit short articles relating to activities in their respective regions for each AMCA Newsletter.

Continued on next page

5. Directors will arrange for submission of at least two articles from their regional membership annually for Wing Beats.
6. As designated committee liaisons, Directors will remain fully aware of committee activities, charges and recommendations by contacting their respective committee chairs at least quarterly. Liaisons will be copied on all committee correspondence.
7. Directors will present committee reports at Board meetings in the absence of the committee chair.
8. Regional Directors not candidates for re-election will appoint two individuals to the Regional Nominating Committee and designate one of these as Chair. Similarly, an Industry Nominating Committee nominates candidates for Industry Director. (See Appendix B)

This is an elected position with the AMCA and the nomination committee is actively recruiting for candidates. If you are interested in serving as the RD please contact VMCA President George Wojcik by phone 757-393-8666 or email wojcikg@portsmouthva.gov.



Call for 2019 Annual Meeting Presentations -Submitted by VMCA Secretary/Treasurer Jay Kiser

We need your help to make this a great meeting!

I know it is early, but I hope everyone is thinking about the 2019 annual meeting coming up this winter in Virginia Beach, February 5-7, 2019. In order to have a great and meaningful agenda of presentations, we need your help. We would like to know if you are interested in giving a presentation, if you know of someone perfect to give a presentation at our meeting (in person or over video conference), or if there is a presentation topic that should be addressed.

Please email the Agenda Committee Chair, LaToya White lnwhite@nngov.com, with any suggestions or ideas regarding the agenda for the upcoming meeting. There will be a deadline of November 30th, 2018 for presentations, but please don't wait. Help us get the agenda done early. If you are interested in giving a presentation yourself, please email LaToya the following information:

Your Name:

Your Organization/Affiliation:

E-mail:

Presentation Title or Topic:

Amount of time requested for presentation (allow a few extra minutes for questions):

Virginia

Mosquito Control Association

Founded 1947

2018-2019 Student Poster Competition in Vector Borne Sciences

Virginia Mosquito Control Association is hosting our third annual student poster competition during the 72nd VMCA conference February 5-7, 2019, in Virginia Beach, Virginia

- **First place** poster receives

\$500

- Top 5 posters receive

Free registration to the 2019 VMCA annual conference

- For more information please visit

http://mosquito-va.org/?page_id=806



Who is eligible?

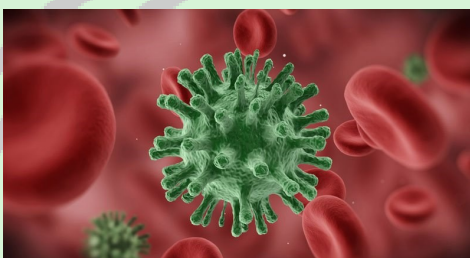
Students enrolled in accredited Virginia colleges and universities.

Acceptable poster topics:

Posters should reflect original research in areas of vector borne sciences: Vector borne diseases, arthropod vectors, surveillance methods, pesticides, repellants or control methods, and diagnostic or laboratory methods.

Deadline for submissions:

All poster submissions should be submitted by email no later than **11/27/2018**.



TMVCC Update

-Submitted by TMVCC Vice President Chris Hohnholt

The Tidewater Mosquito and Vector Control Council conducts monthly meetings from March to November each year. Different sponsors provide a lunch at each meeting, which are attended by 40 to 60 members, feature a guest a speaker, and are held in locations throughout the Tidewater region. If you wish to sponsor a meeting or give a presentation please contact a member of the TMVCC team:

*Michelle Slosser, President, Michelle.Slosser@yorkcounty.gov

*Chris Hohnholt, Vice President, cahohnholt@gmail.com

*Michael Bowry, Secretary, michael.bowry@hampton.gov

The team is also recruiting a secretary, since Michael will be Vice President in 2019.

This year's meetings were kicked off at the Southern Chesapeake facility. The meeting was sponsored by Univar (John Singletary). Dreda Symonds of the Chesapeake Mosquito Control Commission showcased her larvacide calibration and training program. The next meeting was held at the Suffolk Public Works building and was sponsored by AllPro Vector Group. In addition to sponsoring the meeting, AllPro Vector's Joe Andrews also provided a presentation.

Clark sponsored the Annual Equipment Rodeo in May at Gosnold's Hope Park in Hampton. Jeff Hottenstein of Clark has sponsored the meeting for years, and personnel from across the Tidewater region attend the rodeo to calibrate their equipment. The Student Competition Committee uses the rodeo as an opportunity to conduct a 50/50 raffle.

Jeff O'Neal from Central Life Sciences sponsored a meeting in June at Tucanos Brazilian Grill in Newport News. Wes Robertson of Henrico County gave a compelling presentation on the history of vectored diseases during wars at the meeting.

TMVCC Secretary Michael Bowry arranged for an uplifting meeting in July at Suffolk Mosquito Control. Our newest sponsor, Leading Edge, gave a presentation on the use of unmanned aerial vehicles. No meeting is scheduled in August but Ted Bean from Adapco will sponsor and speak at the September meeting at the ONorfolk Golden Corral (on Military Highway). Morrell Microscopes will sponsor the October meeting at Sandy Bottom Park in Hampton and the



Above: Larvacide calibration at the Southern Chesapeake Facility



Above: Equipment rodeo at Gosnold's Hope Park



Above: Student Competition Committee 50/50 raffle

speaker is Steve Robertson from the Naval Facilities Engineering Command. The final meeting of the year is the Annual Oyster Roast. Adapco, Central Life Sciences, and Bayer Public Health are sponsoring the meeting.

We encourage you to join our meetings. It's a great opportunity to enjoy the fellowship of others who conduct public health pest control. You'll learn about new products and share best management practices.

National Mosquito Control Awareness Week in Suffolk -Submitted by Ann Herring

Hope everyone had a great National Mosquito Control Awareness Week!

“With summer in full swing, remember that those pesky mosquitoes like the summer as much as we do. While we're grilling and chilling, they're flying and biting. They are a part of our natural landscape, but accepting this fact doesn't mean you have to fall victim to their annoying and sometimes harmful bite.”

This is the first paragraph of the press release Suffolk Mosquito Control put out to local media outlets. The article explained ways to create a mosquito-free yard and how to protect oneself against bites by following the 3 D's: Drain, Dress, and Defend. Drain water containers at least once per week; Dress in long sleeves, long pants, loose-fitting and light-colored clothing; Defend by properly applying and EPA-registered repellent such as DEET, Picaridin, IR 3535, or oil of lemon eucalyptus. The article also explained the free Mosquito Dunk program that is offered by the city as well as how to use Suffolk Mosquito Control's website to put in a request for service/spraying. Displays were set up at local libraries that included information about the mosquito life cycle, breeding habitats, diseases, and control methods. The week was a success in getting information out to our citizens and we look forward to continuing our public outreach efforts.



Pictured left is one of the tables of information at one of our local libraries.

2018 Governor's Proclamation



CERTIFICATE of RECOGNITION

By virtue of the authority vested by the Constitution of Virginia in the Governor of the Commonwealth of Virginia, there is hereby officially recognized:

NATIONAL MOSQUITO CONTROL AWARENESS WEEK

WHEREAS, mosquito borne diseases, including malaria, yellow fever, West Nile virus, Zika virus, and other forms of arboviral encephalitis have historically been a source of human and animal suffering, illness, and death in the United States and worldwide; and

WHEREAS, an excessive number of mosquitoes diminishes our enjoyment of the outdoors, public parks and playgrounds, hinders outdoor work, decreases livestock productivity, and reduces property values; and

WHEREAS, it is important to encourage effective and environmentally safe mosquito control activities, and it is fitting to facilitate communication and education among Virginia's mosquito control professionals to improve the effectiveness of mosquito control operations in Virginia; and

WHEREAS, the Virginia Mosquito Control Association facilitates communication and education among Virginia's mosquito control professionals to improve the efficiency and effectiveness of mosquito control operations in Virginia; and

WHEREAS, the Virginia Department of Health works with multiple state agencies and government organizations to raise public awareness to prevent the spread of West Nile Virus, Zika, and other mosquito borne viruses and encourage the elimination of mosquito breeding habitats in residential areas; and

WHEREAS, it is important for individuals and organizations to work with the Virginia Department of Health, local health departments, and local mosquito control organizations to help decrease the effects of mosquito-borne illnesses;

NOW, THEREFORE, I, Ralph S. Northam, do hereby recognize June 24-30, 2018, as **NATIONAL MOSQUITO CONTROL AWARENESS WEEK** in our **COMMONWEALTH OF VIRGINIA**, and I call this observance to the attention of all our citizens.



Ralph S. Northam
Governor

Kelley M. Massan
Secretary of the Commonwealth

2018 VMCA Adult Mosquito ID Course

-Submitted by Karen Akaratovic, Education Committee Co-Chair

The VMCA sponsored its annual adult mosquito identification course on Monday May 7th, 2018 at Suffolk Mosquito Control. Thirteen students attended from 9 jurisdictions: Chesapeake Mosquito Control, Hampton Environmental Services, Henrico County Public Works, Langley Air Force Base, Maryland Department of Agriculture, Navy Environmental and Preventive Medicine, Old Dominion University, Suffolk Mosquito Control, and Virginia Beach Mosquito Control. The course was taught by local biologists: Karen Akaratovic, Jennifer Barritt, Michael Bowry, Tim DuBois, Janice Gardner, Jay Kiser, Penelope Smelser, and Lisa Wagenbrenner. Their time, efforts, and shared expertise were greatly appreciated. A huge thank-you goes to the VMCA Executive Board who funded breakfast, lunch, and some supplies. Also, thanks to the VMCA Merchandise Committee for bringing all the mosquito swag for students to purchase. Over \$100 was made!

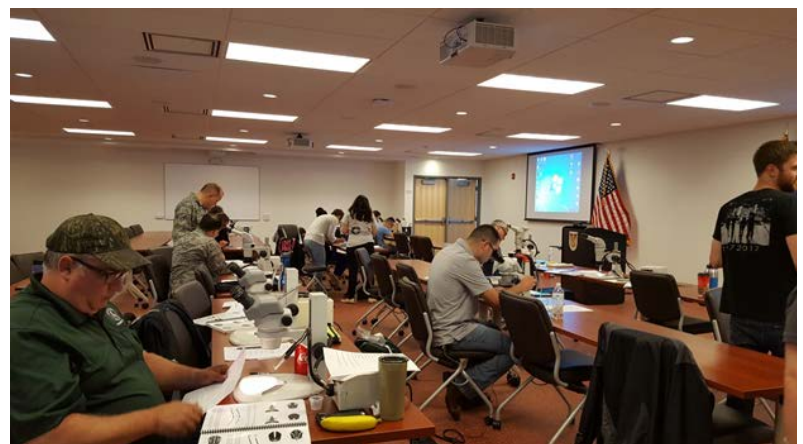
This was the first year the course was taught in one day as opposed to two in past years. Survey feedback from the students and teachers was overwhelmingly in support of the change. Most reasons involved issues with time, either getting off work to attend or commuting a considerable distance (both less of an issue for 1 day versus 2). The only suggestion for improvement was to spend a bit more time on morphology and terminology instead of going into such great detail on each genus and species. For future classes, we will work on incorporating that into the general information section. Of the ten student surveys received, all reported they would recommend this course and the knowledge gained was useful in their professional duties. Another successful VMCA Adult Mosquito ID Course!



Pictured above: students and teachers at the 2018 VMCA Adult Mosquito Identification Course



Pictured above: Biologist Lisa Wagenbrenner oversees students working on identification of specimens.

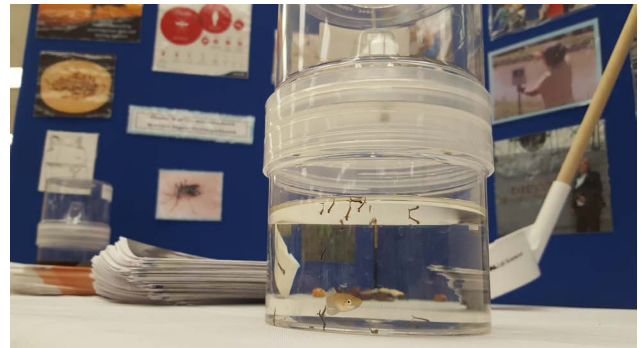


Pictured above: Students working on their own and some in groups to identify specimens.

National Mosquito Control Awareness Week In York County

-Submitted by Janice Gardner

During the third full week in June annually (National Mosquito Control Awareness Week), York County Mosquito Control Division increased our outreach efforts within our community. We take a variety of approaches to inform the public about mosquitoes, tell them about the services we offer, and arm citizens with the knowledge about how to reduce the mosquito population by eliminating standing water around their home.



On Saturday June 23rd, we held our fifth annual tire drive, resulting in a division best record of almost 500 tires! News channel 13 News Now helped us to get the word out about the event by airing a segment about the tire drive and assisting in education efforts about how tires are the perfect breeding habitat for mosquitoes. Larvae were found in almost all of the tires that contained water, and we are pleased with this county-wide effort to assist our community.



Educational outreach efforts included Division Superintendent Betsy Hodson and Biologist Michelle Slosser stationed at high foot-traffic areas around the county to discuss how the county and citizens can work together to control mosquito populations. Our celebration of Mosquito Control Awareness Week ended with the first annual "BugFest" at our local library. The primary purpose of the event was to get the community interested and excited about bugs through demonstration and education.



The event also developed stronger partnerships with participating organizations, such as the ODU Tick Team, Colonial Beekeepers, Master Naturalists, and Master Gardeners. Each group displayed their own educational methods, and we promoted mosquito displays, a slideshow, pollinators, and live bugs to get the public really interested in the fascinating (and often misjudged!) world of bugs. BugFest was an overwhelming success, and we plan to partner again with the library, local groups who attended, and citizens. We consider Mosquito Control Awareness Week a success, and we look forward to improving it every year!

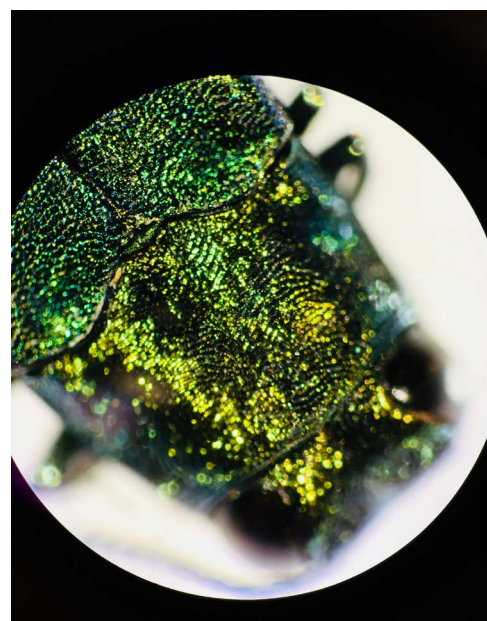
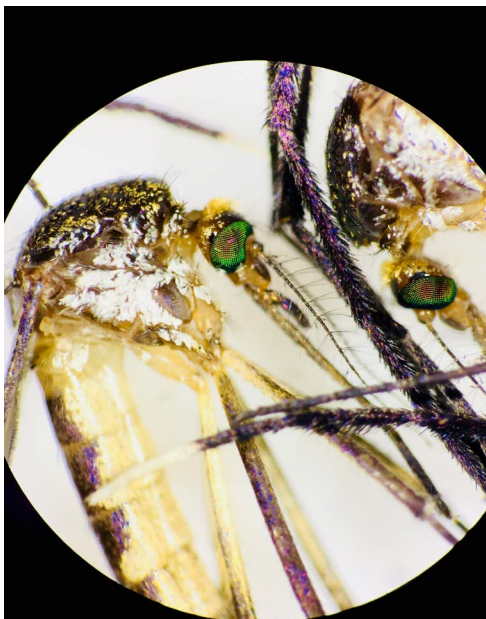


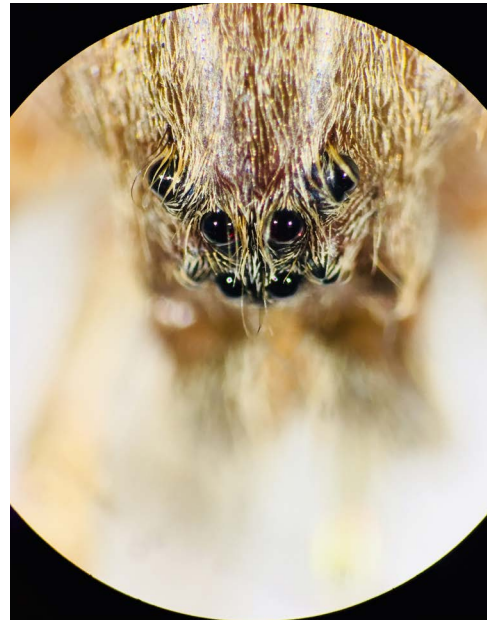
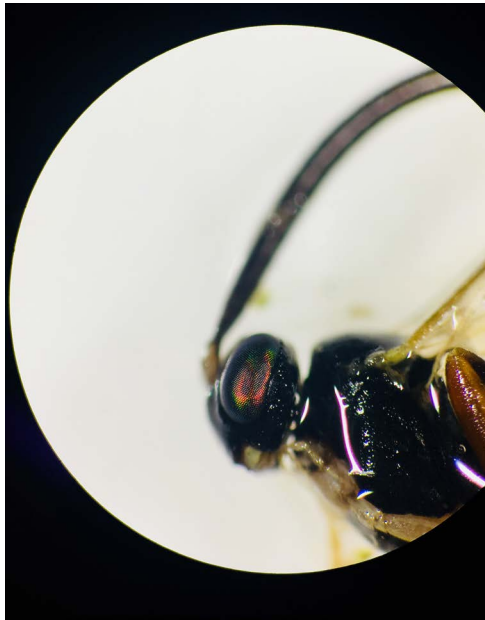
Microscopic Portraits

-Submitted by Rachel Kempf

Over the course of the summer, as I ID'd mosquitoes and looked for tiny parasitic wasps under the scope, I couldn't help but start taking 'portraits' of some of the more interesting and colorful critters I came across. It doesn't take any specialized equipment to create your own microscopic portraits. These were all taken with my iPhone positioned over the eyepiece and edited in-phone. It's a little tricky to hold the camera at just the right angle and distance, but with a steady hand (and a clean phone camera!), you can create some cool photos.

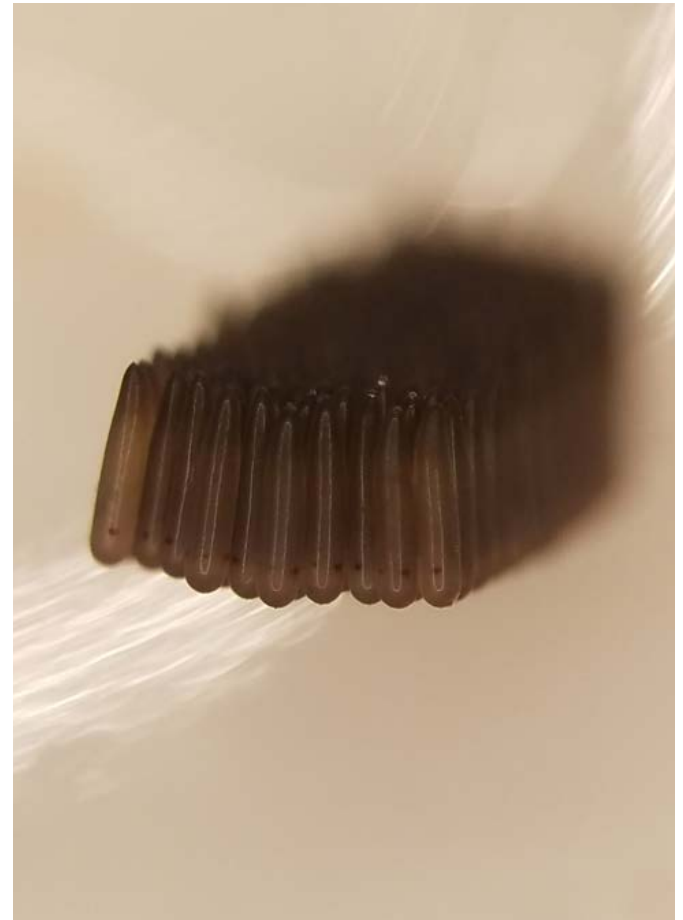
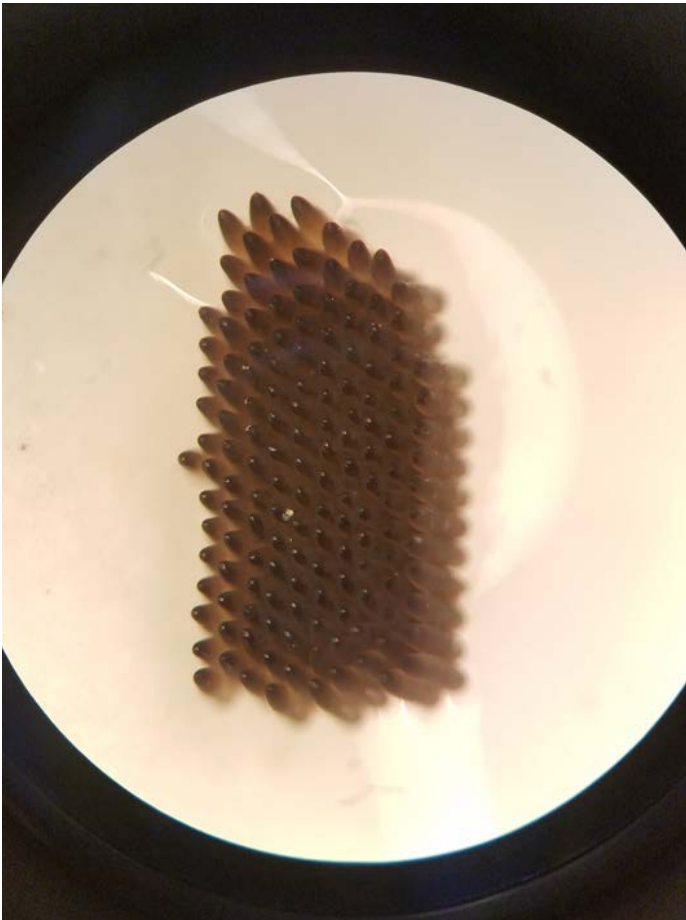
Karen Akaratovic is currently renovating the [Mosquitoes of Virginia](#) page on the VMCA website and could use photos of larval and adult mosquito key features. If you take shots with this method, or with a dedicated microscope camera, make sure to submit them to the website committee by emailing her at kakaratovic@suffolkva.us.





What's That? Answer

-Submitted by Karen Akaratovic



Both are pictures of a *Culex* egg raft as seen from top and side views under a stereo microscope. The side view is especially neat as you can see the 1st instar larval eyes (red dots near the bottom). Gravid females of this genus lay their eggs one at a time and through forces of adhesion form a raft that floats on the water's surface. If undamaged, usually 100-400 larvae will emerge from each raft within 24-48 hours of being laid. These rafts may be difficult to spot at first, but once you see one, they're hard to miss. Looking like a dimple on the water's surface, *Culex* egg rafts are very light and sensitive to movement by wind; however, due to their structure, they are surprisingly resilient and able to return to the water's surface, right-side-up, if submerged during collection or other disturbance. Color of the raft can range from an almost clear-white to dark brown/black, depending on how long ago the eggs were laid; the darker the raft, the older it is.

Collecting egg rafts can be quite useful for experiments in which large numbers of mosquitoes are needed. Most recently, pesticide resistance testing has become less labor-intensive and economically feasible to perform using the CDC Bottle Bioassay method. In order to perform this testing, a considerable amount of adults are needed (approximately 125 per tested chemical). Collecting egg rafts is a fairly easy way to achieve high adult numbers with minimal effort. For more information on pesticide resistance testing or egg raft collections, please visit the [Pesticide Resistance Training page](#) on the VMCA website.

Merchandise Sales Continue!

Didn't get what you wanted at the VMCA Annual Meeting?
Couldn't attend due to weather, funding, time?

There's still time to get all that mosquito swag you just have to have!



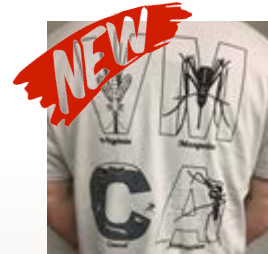
Black t-shirt with *Aedes albopictus* design

\$5



Gray t-shirt with 2018 MAMCA/VMCA design

\$10



2018 VMCA lettered t-shirt design

\$15



Gray *Aedes albopictus* pullover hoodie

\$15



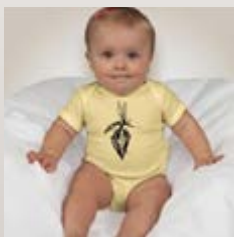
Gray zip-up hoodie with 2018 MAMCA/VMCA design

\$20



2018 VMCA pullover hoodie with flying mosquito design

\$25



2017 MAMCA/VMCA yellow onesie

\$5



VMCA pint glass with *Aedes albopictus* design

\$6
2 for \$10



Green reusable tote bag with VMCA logo

\$1
Free with \$50 purchase



Blue can cooler with mosquito silhouette

\$2



Black leatherette portfolio with VMCA design (pad & pen included)

\$5



2017 MAMCA/VMCA tumbler

\$8



2018 VMCA lettered logo cork coaster set

\$4



VMCA sticker with *Aedes albopictus* design

\$.50



Black/white VMCA logo pen

\$.25

The Merchandise Committee is continuing to sell the items listed through local pickup or shipment. If you have any questions or are interested in purchasing something, please contact VMCA Merchandise Chair, Tim DuBois (duboist@portsmouthva.gov). Payments can be made by cash (local pickup only), check, or credit card. Shipping will be paid by the purchaser and will be done through the lowest cost method (unless otherwise requested). This information is also available [online](#).

2018 VMCA Committee List

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The VMCA is successful because its members get involved in the operations of the association. Below are the current committees and their chairs. Please join a committee by contacting any executive board member listed on the last page of this edition of The Skeeter!

Committee	Chair(s)	Members	Projects
Annual Meeting (Local Arrangements)	Tim DuBois	Luz Grant, Ann Herring, Lisa Wagenbrenner, Charles Abadam	Decides location of future meetings
Annual Meeting (Program/Agenda)	LaToya White	Mitch Burcham, Jay Kiser	Organize annual meeting program
Annual Meeting (Vendor Planning)	Ted Bean	George Wojcik	Vendor correspondence/setup
Audit	Mitch Burcham	Penelope Smelser, Chris DeHart	Annual audit of financial record
Bylaws	Jay Kiser	Luz Grant, Charles Abadam	Bylaw revision/maintenance
Education	Karen Akaratovic, Lisa Wagenbrenner	Ann Herring, Jennifer Barritt, Wes Robertson, Jay Kiser	Recertification, Adult ID course
Elections	George Wojcik	Penelope Smelser	Sets up online voting, sends out voter information, counts votes, announces winners during annual business meeting
Historian	Tim DuBois	John Orr	Historical Archives
Hospitality Room	Ann Herring	Luz Grant	Annual meeting hospitality room
Information	Rachel Kempf, Karen Akaratovic	Eli Hosen, Janice Gardner, Wes Robertson, Charles Abadam, Tim DuBois	The Skeeter, Facebook, Instagram
Legislative	Randy Buchanan		NPDES, VPDES, PESP
Membership	Jay Kiser	Ann Herring	Keeps updated list of membership
Merchandise	Tim DuBois	Lisa Wagenbrenner, Ann Herring, Penelope Smelser Rachel Kempf, Karen Akaratovic	Coordinating sales merchandise for annual meeting
Nominating	Jeff Hottenstein		Finds candidates for election, prepares/gathers profiles of nominees for ballots
Photography	Janice Gardner	Rachel Kempf	Takes photos of VMCA-related events for website, The Skeeter, Facebook, and Instagram
Public Relations	Ann Herring		Mosquito Awareness Week/Outreach & Education
Special Awards	Jennifer Barritt		Annual meeting awards– R.E. Dorer, Outstanding Service
Student Competition	Jay Kiser	Ann Herring, Ashley Byers, John Orr, Wes Robertson, Karen Akaratovic, Francis Valera, Charles Abadam, Dennis Salmen	Organizes a student research/poster project competition with an award to be given at the annual meeting, raises funds for award
Technical Support	Charles Abadam	Eli Hosen	Maintains/advises on VMCA hardware/software; operates computer/projector during annual meeting
Website	Penelope Smelser	Charles Abadam, Karen Akaratovic	Maintains/revises website

2018 Sustaining Members

The VMCA gratefully acknowledges the support of the following sustaining members for 2018. 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!



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Virginia Mosquito Control Jurisdictions & 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 programs, jurisdictions with known mosquito and vector control programs are listed below. If there are other jurisdictions that should be listed, please submit them to the editor.

Virginia Mosquito Control Jurisdictions

[Alexandria Health Department](#)
Boykins, Town of
[Chesapeake Mosquito Control Commission](#)
[Chincoteague Mosquito Control](#)
[Fairfax County Health Department](#)
Fort Eustis
[Gloucester County Mosquito Control](#)
[Hampton Environmental Services](#)
[Henrico County](#)
[Newport News Vector Control](#)
[Norfolk Vector Control](#)
[Poquoson Mosquito and Drainage](#)
[Portsmouth Mosquito Control](#)
[Prince William County Mosquito & Forest Pest Management](#)
[Suffolk Mosquito Control](#)
US Air Force / Langley Air Force Base
[Virginia Beach Mosquito Control](#)
[Williamsburg Mosquito Control](#)
[York County Mosquito Control](#)

Other Mosquito Control Organizations

[American Mosquito Control Association](#)
[Mid-Atlantic Mosquito Control Association](#)

Other Resources

[Virginia Department of Health](#)
[Centers for Disease Control & Prevention](#)
[Fairfax County Education and Outreach Materials](#)

Wanted: Submissions!

Do you have information you'd like to include in the next issue of The Skeeter or a photo you'd like to share? We are always looking for organizational updates, operational news, education and outreach activities, pictures, stories, and anything remotely vector-related to include in upcoming newsletters as well as on [Facebook](#) and [Instagram](#).

Please send all items to the Skeeter editor, Rachel Kempf at rkempf@pwcgov.org

THE SKEETER

Newsletter of the [Virginia Mosquito Control Association](#)

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

The Skeeter is the official production 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 Rachel Kempf at rkempf@pwcgov.org or Karen Akaratovic at kakaratovic@suffolkva.us