



THE SKEETER



President's Message

*'Twas the end of the season and all through the shop
All the techs were working to make equipment tip-top.
The light traps were hung on the wall with care,
Remembering the skeeters they had caught in their snare.*

*The BGs were stacked all in a row,
Waiting for their turn to let their fans blow.
Old gravid traps, there were more than a few,
Still carried the scent of the odorous brew.*

*All is quiet behind the lab door,
Forceps and pipets were tucked away in the drawer.
Covers were placed on the scopes with care,
Their light sources unplugged, not causing a glare.*

*No sprayers were spraying, no mist adrift.
PPE stacked up like a big pile of gifts.
Product on pallets stored neatly away,
Ready to be pulled out on the first warm spring day.*

*Although it might feel like we just finished the last,
Our next annual meeting is coming up fast.
It's time to register, time to pay dues.
I'll see you in January in Newport News!*

(My apologies to Clement Clarke Moore)

Please join us for the upcoming 70th Annual VMCA Meeting. This joint VMCA/MAMCA meeting will be held at the Marriott Newport News at City Center from January 31-February 2, 2017. Meeting registration information is included on page 3 of the Skeeter and on the VMCA website. Dues for both MAMCA and VMCA are part of this year's registration fee. If you are not attending the meeting and need to renew your VMCA membership, please mail in the payment along with the form found [online](#).



Josh Smith
VMCA President
2016

In this edition of the Skeeter, you will find the candidate bios for the first vice president position on the VMCA Executive Board. We have three great candidates for the position this year: Tim DuBois, Dr. David Gaines, and Andy Lima. Members should have received an email for voting last month. Please email Penelope Smelser (Penelope.Smelser@norfolk.gov), VMCA Secretary/Treasurer, if you did not receive your email with the link to vote.

Stay up-to-date with the latest Zika news and information by checking the Centers for Disease Control and Prevention's [website](#).

As always, we encourage you to submit your stories to the Skeeter. Please keep an eye out for the next call for articles. I hope to see you all in Newport News!

Take care,
Josh

Volume 77, Issue 1

January 2017

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Announcements

Upcoming Meetings

VMCA Re-certification Course
January 19, 2017
Hampton, VA

[VMCA/MAMCA Joint Annual Meeting](#)
January 31-February 2, 2017
Newport News, VA

AMCA 83rd Annual [Meeting](#)
February 13-17, 2017
San Diego, California

MAMCA 43rd Annual Conference
February 12-14, 2018
Carolina Beach, NC



Have information on a meeting that may be of interest to VMCA members? Attend a meeting and want to submit a summary? Please send it to the [Editor!](#)



Save the Date!

Joint Meeting
Virginia Mosquito Control Association
70th Annual Meeting
&
Mid-Atlantic Mosquito Control Association
42nd Annual Conference



What's that?



answer on page 14

VMCA Organizational Mailing Address

Virginia Mosquito Control Association
Penelope Smelser, Secretary/Treasurer
2600 Tarrant Street
Norfolk, VA 23509
Phone (757) 683-8662
Email: Penelope.Smelser@norfolk.gov

2017 Meeting Registration

THE 42ND ANNUAL MEETING OF THE MID-ATLANTIC MOSQUITO CONTROL ASSOCIATION HELD IN CONJUNCTION WITH THE VIRGINIA MOSQUITO CONTROL ASSOCIATION

JANUARY 31 – FEBRUARY 2, 2017 - NEWPORT NEWS, VIRGINIA

MEETING REGISTRATION

The 2017 MAMCA Annual Meeting will be held at the [Marriott Newport News at City Center](#) on January 31 – February 2, 2017. The regular conference registration fee is \$130.00 and includes all breaks, supplier’s social, lunch banquet and membership to MAMCA and VMCA. One-day registrations are also available. Payment must be by cash, check, money order or credit card (for advance credit card payments, please contact Andy Kyle at (717) 346-8241 or email: akyle@pa.gov).

SUSTAINING MEMBER/EXHIBITOR REGISTRATION

Sustaining Member dues will include the 2017 yearly membership in MAMCA and VMCA. All current Sustaining Members are entitled to one exhibit space at the annual meeting, one (1) regular conference registration, one individual membership, and recognition in both association-sponsored publications. The Sustaining Member dues are \$700.00/YR and must be paid prior to the Annual Meeting.

HOTEL RESERVATIONS

Conference room rates at the Marriott Newport News at City Center for a single or double occupancy are \$119 (plus 6% state tax, 8% city tax and a \$1.00/night lodging fee). Rooms can be reserved by calling (866) 329-1758. Be sure to ask for the **VA Mosquito Control** group block. You may also make your reservations online at [VMCA/MAMCA Online Group Reservations](#). Space is limited, so reservations must be made by **Friday, January 6, 2017**, after which time the room rate is not guaranteed. Complimentary self-parking is available.

Early registration for this meeting is to provide the Association with an estimation of attendance. Please complete and return this form, with payment, by **December 30, 2016** for the discounted price.

Name: _____ Companion: _____

Organization: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ E-mail: _____

Early Registration (Registered by December 30, 2016)	\$120.00	_____
Regular Registration (Registered after December 30, 2016)	\$130.00	_____
One-day Registration (includes banquet).....	\$65.00	_____
One-day Registration (does <u>not</u> include banquet).....	\$35.00	_____
Student Registration	\$35.00	_____
Additional Banquet Tickets <i>Indicate number of tickets ()</i>	\$30.00	_____
Sustaining Member Registration (Includes 2017 Dues).....	\$700.00	_____

Will you be Exhibiting at meeting? Yes No

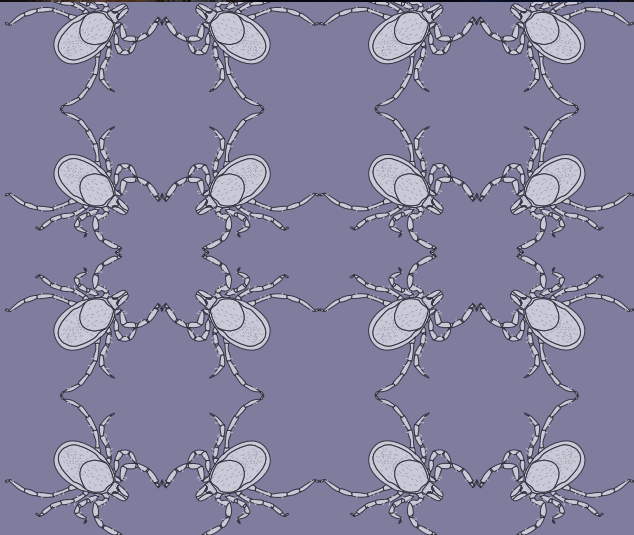
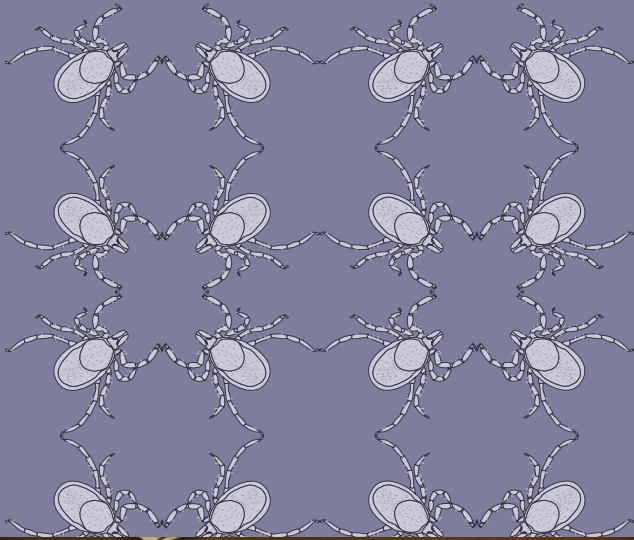
TOTAL ENCLOSED \$ _____

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 January 10, 2017 - 100%; received January 10-January 20, 2017 - 50%. **If notification of cancellation is not received by January 20, 2017, 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

Candidates for 1st Vice President



Andy Lima, M.S. Entomology
Fairfax County Health Department
Disease-Carrying Insects Program
Environmental Health Specialist III
Mosquito/Tick specialist

Collecting and curating insects for 20 years

B.S. of Environmental Management, Indiana University, 2004

M.S. of Entomology, University of Florida, 2012

Laboratory Supervisor, Clarke, 2004 – 2013

Environmental Health Specialist III, Fairfax County Health Department Disease Carrying Insects Program, 2014 – present

Specializes in the use of music, photography, and videography to convey public health messages

Hip Hop alter ego known as MC Bugg-Z, premier entomologist rapper on the planet

Entomologically makin' impressions on this profession

Insects immortalized in my collection like resurrection

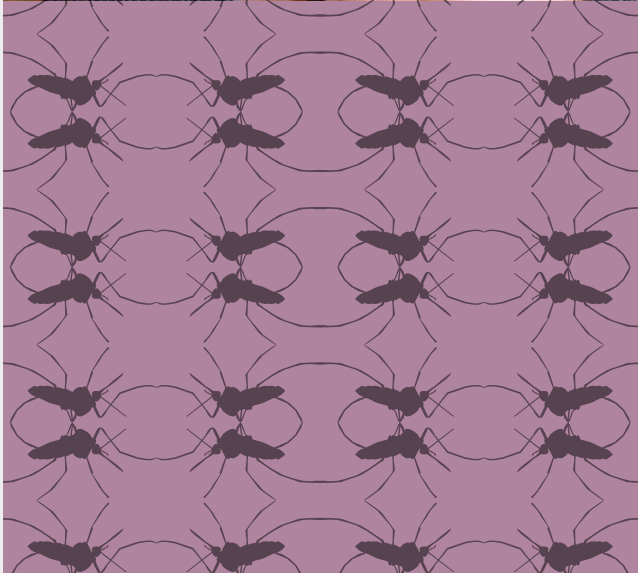
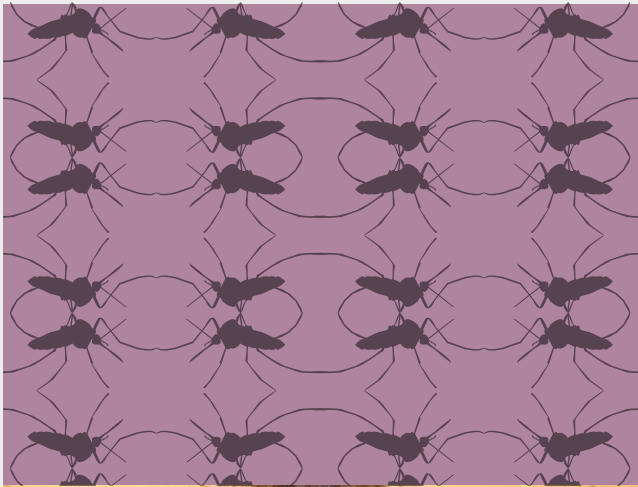
You'd never guess it but I'm utilizin' chemical weapons

For the control of all these mo-squi-toes

Call it Culicid suppression and please don't question

My professional direction it's a six-legged obsession

Candidates for 1st Vice President



David N. Gaines, Ph.D.

State Public Health Entomologist,
Virginia Department of Health
Division of Environmental Epidemiology,
Richmond, VA

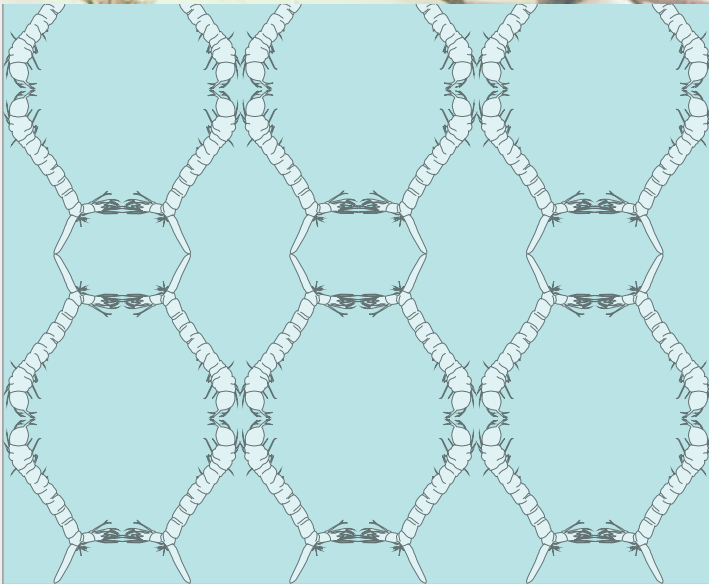
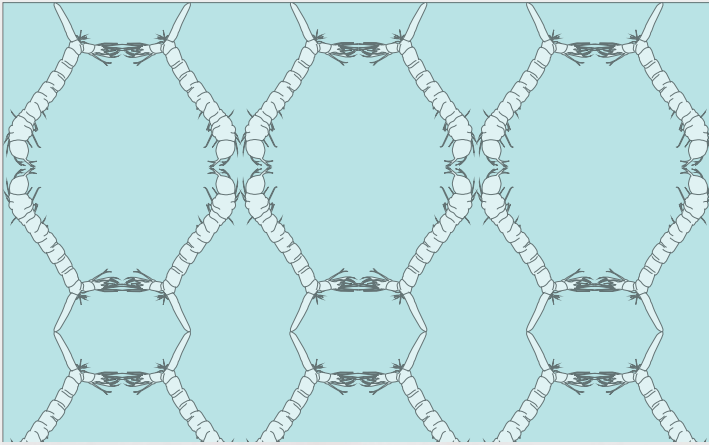
David Gaines got his B.Sc. in Entomology at Penn State University in 1981 and subsequently worked from 1981 through 1984 as the sales manager and consulting entomologist for a pest control supply company in Pittsburgh, PA.

After that company changed ownership, he worked as a pest control operator for a Pittsburg pest control firm. In 1986 he joined the Peace Corps and spent two years in The Gambia, West Africa, doing agricultural crop research. In 1989 he entered graduate school at Virginia Tech where he obtained an M.S. in Entomology in 1992, and a Ph.D. in Entomology in 1997. His graduate studies dealt with biological pest control in field crops (i.e., the field ecology and the behavior of beneficial and detrimental parasitoid wasps in Brassica crops).

Between his M.S. and Ph.D. studies, he conducted a mosquito Survey of Halifax County, VA that was funded by the Halifax County Board of Supervisors and the Army Corps of Engineers. In 1997, he was employed by the U.S. Army Public Health Command as an environmental assessor of pest management programs on Army installations nationwide. While working for the U.S. Army he also volunteered spare time to do tick sample identifications and specimen preparation at the Army Tick-borne Disease Laboratory.

In July of 2000 he joined the Virginia Department of Health (VDH), Office of Epidemiology as the State Public Health Entomologist. At VDH he works primarily on the surveillance for and prevention of mosquito and tick borne diseases (e.g., West Nile virus, chikungunya, Lyme disease and ehrlichiosis). He spends most of his time at VDH doing human case surveillance and advising/educating local and state officials and the public about prevention of tick and mosquito borne diseases, but also has conducted mosquito and tick surveillance. His work at VDH has also involved research and publication of field and geographic studies on tick and mosquito borne diseases.

Candidates for 1st Vice President



Tim DuBois is the Biologist for the Environmental Services Division in Hampton, VA. He started his career in mosquito control as a seasonal worker for Suffolk Mosquito Control in 2001 while looking to finish his Associates in Biology from Paul D. Camp Community College. In Suffolk, he assisted with larviciding and adulticiding efforts, while learning surveillance techniques and identification whenever available. After two years in Suffolk, he landed a full time job working for Norfolk Vector Control as a technician, and eventually moved into the assistant biologist job where he translated his years of experience in the field to the lab.

In 2006, Newport News Vector Control offered him a position with the intent to build a full surveillance program that included testing in-house for vector-borne diseases. Having a chance to build a surveillance program, he immersed himself in his work both for the city and in the Hampton Roads area becoming TRAST Coordinator from 2006-2010 and on the TMVCC Board from 2009-2010. After three years of experience in the program, he was offered the Biologist position where he currently works, Hampton Environmental Services.

In 2010, Tim joined the Mid-Atlantic Mosquito Control Association as the state representative for Virginia for two terms. He was then elected to serve on the MAMCA Executive Board and is currently President-Elect. He has also served as the MAMCA representative on the VMCA Executive Board and is on multiple committee's including Education, Photography, Merchandise, Newsletter, and is the Historian.

When he is not working, Tim enjoys all things beer, MMA, gaming, and dabbling into making his own podcast. He also enjoys hanging out with his wife, Jessica, and their three cats, Jynx, Dakota, and Oswald.

Submitted by: Tim DuBois

VMCA Annual Recertification Course

VIRGINIA MOSQUITO CONTROL ASSOCIATION 2017 VMCA RE-CERTIFICATION COURSE

Dear Members,

The Virginia Mosquito Control Association is sponsoring a re-certification course for Category 8 & Registered Technician (60) on Thursday, January 19, 2017. 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 6, 2017.

Should you have any questions or need further assistance, please contact either Penelope Smelser at (757)683-2840 or Lisa Wagenbrenner at (757) 673-3932.

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: 757-683-2840 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 on your left. (Library is on the corner of Kecoughtan and Victoria Road).

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.

Recertification Course Agenda

VMCA RECERTIFICATION CLASS

January 19th, 2017
Hampton City Library, 4207 Victoria Boulevard

- 9:00 **Registration, coffee & donuts**
Penelope Smelser, VMCA Secretary
- 9:30 - 9:45 **Welcome**
Josh Smith, VMCA President
- 9:45 - 10:15 **Vectors, Life Cycle & Control/Surveillance/Environmental**
Dreda Symonds, Director, Chesapeake Mosquito Control Commission
Mosquitoes, IPM, sensitive areas, harmful effects on non-targets plants and animals
- 10:15 - 10:45 **Personal Protective Equipment**
Lisa Wagenbrenner, Biologist, Chesapeake Mosquito Control Commission
Chemical resistant protective equipment, protecting your skin, eyes, respiratory tract and maintaining personal protective equipment
- 10:45 – 11:15 **Formulations and Products**
Jeff Hottenstein, Regional Sales Manager, Clarke Mosquito Control
Liquid Formulations, Dry Formulations, Fumigants and Adjuvants
- 11:15 – 12:00 **Legal Aspects**
David Townsend, VDACS
Certification categories and procedures, responsibilities of pesticide applicators, EPA approval of pesticide labeling, restricted use chemicals and pesticide use
- 12:00 - 13:00 **LUNCH (on your own)**
- 13:00 – 13:30 **Applying the Correct Amount**
Phil Meekins, Superintendent, Virginia Beach Mosquito Control
Deciding how much to apply, calibration methods, calibrating your equipment and measuring accurately.
- 13:30 – 14:00 **Pesticide Handling, Mixing & Loading**
George Wojcik, Public Works Administrator, Portsmouth, VA
Personal safety considerations, pre-application decisions, safe mixing and loading practices and applying pesticides safely.

City in the Spotlight: Newport News

SKY'S THE LIMIT FOR NEWPORT NEWS

The City of Newport News Vector Control Program is based on ecological, economical, and social principals and integrates multidisciplinary methodologies in developing pest management strategies that are practical and effective. Our focus is geared to protect public health and improve the quality of life for Newport News residents and visitors. Every effort is made to minimize the negative consequences of mosquito control on the environment. The City of Newport News works in cooperation with state and local health agencies and universities who employ entomologists and environmental specialists that provides assistance in the evaluation of environmental impacts. The Virginia Department of Agriculture and Consumer Services provides both individual and agency certifications to ensure that the technicians and the agency as a whole is in compliance with state regulations as defined by Title 3.2 Chapter 39 Article 3 of the Code of Virginia.

The City of Newport News employs several methods of mosquito control prior to deciding upon the use of chemical methods. Relying on data obtained from resident service requests and technician observation and testing, the first line of defense is the elimination of breeding sources. The City has also employed the use of natural predators such as certain breeds of fish in order to diminish mosquito populations in geographic areas that naturally promote breeding. When chemical control becomes necessary; preference is given to chemicals that pose a minimum negative impact to humans and the environment. The chemical applicators are certified in Public Health Pest Control in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act 72USC 2601, 4CFR 152-707 7USC 136. The City provides residents with accurate and precise advance information on when and where pesticide will be applied so that appropriate action may be taken to protect themselves, pets, and domestic animals (including managed honeybee colonies). All chemicals utilized are approved by the USDA, EPA, and the Virginia Department of Agriculture and Consumer Services.

Summary of Newport News Mosquito Control Process:

- 1) Public outreach and education:** City websites, news releases, news features, email subscriber list, and other social media will be used to provide the public with pertinent educational information.
- 2) Surveillance:** Monitor potential vector(s) using various mosquito traps and larval surveys; properly identifying larval and adult samples collected will allow for a more targeted response.
- 3) Control:** The City's Vector Control Division will continue to expand our larvicide efforts. This is the most effective control method (along with education). Industrial areas will be inspected. However, inspection of citizens' homes will be conducted per request. Truck fogging will also be utilized as a control measure.

Submitted by: LaToya White



VMCA Student Poster Competition

Student Competition at VMCA/MAMCA's 2017 Annual Meeting

POSTER COMPETITION

VMCA student competition committee has received 10 posters from Virginia College and University students. Judges are currently grading the posters to determine our 1st place winner. All posters will be displayed at the annual meeting in the hall foyer. There will be a poster session taking place on the second day of the meeting during the morning break. This will be a time to meet the authors of the posters and ask any questions you may have. The author of the first place poster will be presenting their research during the afternoon of the second day and receiving their award during the banquet.

FUNDRAISING

In order for the poster competition to continue into future years, the student competition committee needs to raise funds. These funds will go towards competition prizes, meeting registration for students, and start up costs for larger fundraising events (maybe a 10k skeeter run in our future).

50-50 RAFFLE

We will be conducting a 50-50 raffle during the annual meeting. Tickets will be sold for \$1, or 6 tickets for \$5, during the meeting and social events. Cash only, so bring your dollars. The winning drawing will take place on the 3rd day of the meeting. Winner gets half the cash and student competition gets the other half.

SILENT AUCTION: REQUEST FOR DONATIONS

During the 2017 Annual meeting we will be having a silent auction. Bidding on items will take place throughout the 1st and 2nd day of the meeting with last bids taking place between 5-5:30pm on the 2nd day. Please bring items you would like to donate (mosquito related or not). We are looking for a variety of new or gently used items of good quality including, but not limited to:

Vector themed items
Apparel
Tools

Gift certificates
Artwork
Treasures

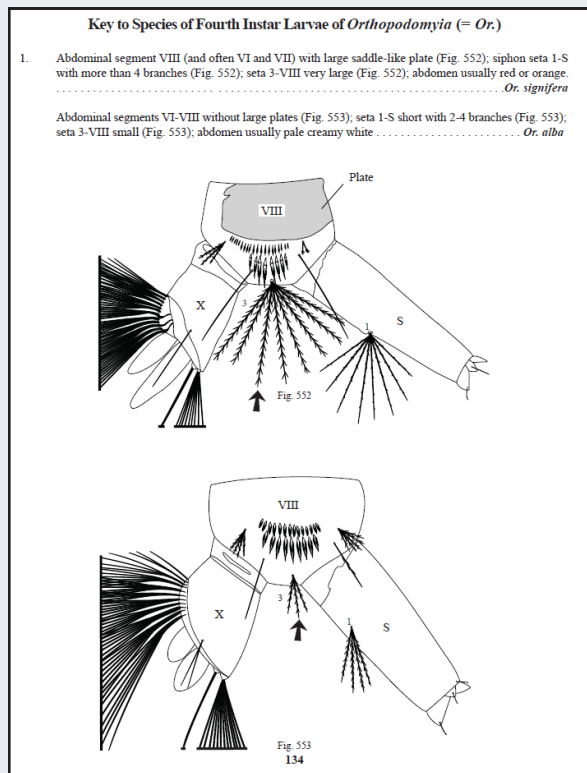
Antiques/Historical items
Themed prize baskets

Group donations by committee, agency, or vendor are encouraged. Drop off items at the registration desk by Noon, January 31, 2017. For more information please contact [Jay Kiser](#).

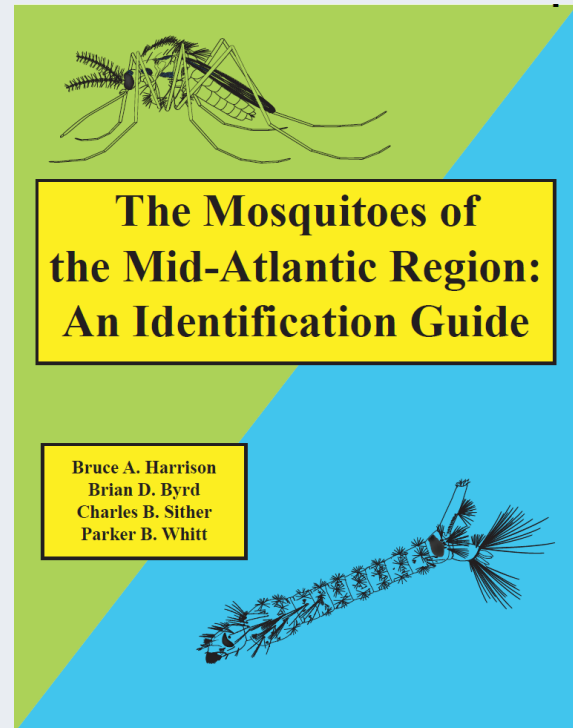
VMCA's Larval Mosquito Identification Course

Taught by Dr. Bruce Harrison April 18-19, 2017

- VMCA's first larval ID course offered since 2009
- Learn from the new Mid-Atlantic Regional ID Book
- Hands on identification of over 20 local species
- Learn the value of larval identification for mosquito control
- Learn heat killing and preserving skills
- Learn dipping techniques, how to identify larval habitat, and key larval behaviors
-and more



Please contact Jay Kiser at jkiser@suffolkva.us if you have any questions. Registration for this class will start in 2017 and will be available at VMCA/MAMCA annual meeting. Look in the winter Skeeter and emails for updated information. If you are interested in helping instruct, you can also contact Jay.



When– April 18-19 (Tuesday-Wednesday)

Where– Suffolk Virginia's new training facility

Who– Open to everyone with a cap of 20 students. VMCA membership will have an opportunity to register first, with an open enrollment after that. 1st come 1st served

Cost– There will be a registration cost of no more than **\$50 per student.**

What you need to bring–

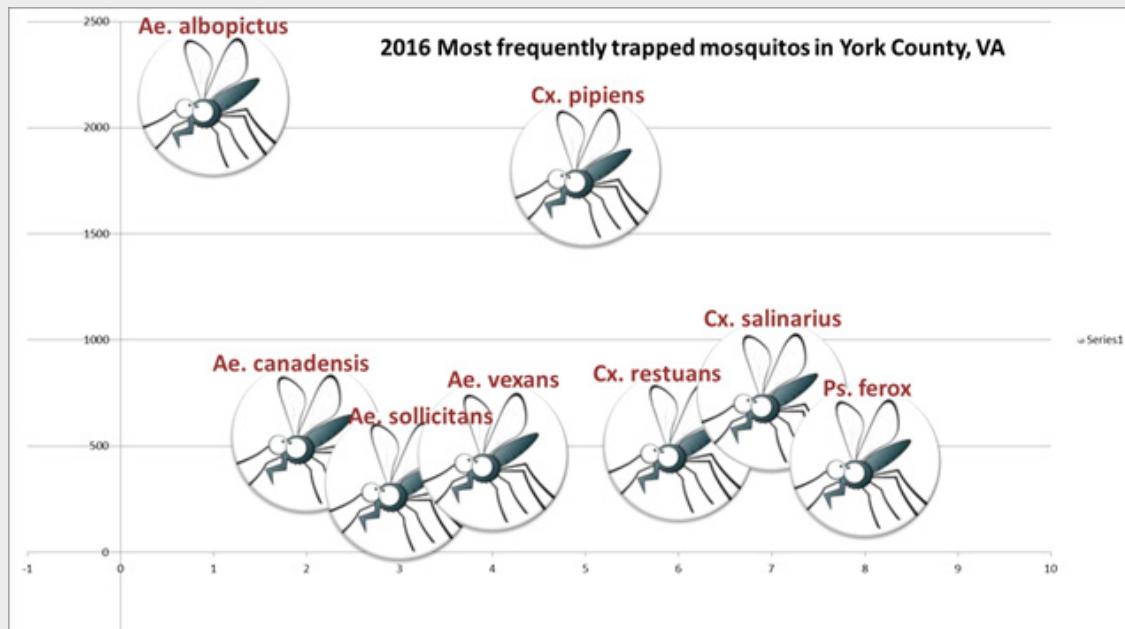
- Scope 55X or higher (45X + 15X ocular lens will do)
- Light source that shines from above (fiber optics preferred)
- “Mosquitoes of the Mid-Atlantic Region: An Identification Guide”. Currently for sale \$30 some will be available for purchase at the class.

What will be provided–

- Handouts, pipettes, well-plates, teasing needles, ethanol, vials, paper pad and pen

York County Update

2016 York County Mosquito Season



Graph of Mosquito trapping for York County 2016 season

York County Mosquito Control underwent some changes this year. The Operations Superintendent Leah Henretta left the county in the beginning of June for bigger and better things. Because of her forward thinking and great leadership skills she left behind lots of motivation for the staff. Mosquito surveillance started in March with larval collection and larvae is still being collected as of November 22nd. We collected 3000 more mosquitoes this season and found two more species we had not identified.

The mosquito with the highest number collected was *Aedes albopictus* with *Culex pipiens* a close second in numbers.

The entire vacuum sewer system within the County was treated with larvicide over a two day period in a larvicide blitz by the stormwater crews.

Staff finished the vacuum pot study and the results showed the vacuum pots are being used by mosquitoes for oviposition sites. The findings of the study will be presented at the combined MAMCA/VMCA Conference.

The County participated in the ZIKA local transmission planning tabletop exercise, August 29, 2016, at the Peninsula Health Department. The event was helpful for meeting the important players in the event of a local transmission of ZIKA. York County staff continues to focus on education with the 3rd grade class program and is planning on using a program from the USDA Invasive Species Program.

Mosquito Control Awareness week was used by staff to educate the citizens, with informational booths set-up at local businesses and county offices. The 3rd annual Mosquito Control tire amnesty event was conducted in June and a record number of tires were collected. Neighborhoods were canvassed throughout the county and 2500 door hangers were distributed from March to September.

Lastly Elizabeth (Betsy) Hodson was named Operations Superintendent for York County Mosquito Control November 18, 2016

For more information on our operations, please visit [our website](#).

Suffolk Farm Days

The Virginia Tech Research Extension Farm on Hare Rd on November 16 and 17 seemed to be growing children. That's where all the second grade elementary classes came together for a two day event to experience what a day on the farm might be like.

The children were able to get hands-on experience seeing, feeling, and touching many things: the feel of raw cotton and the different things- especially clothes-that can be made from it, along with other local crops, different pieces of farm equipment: tractors, combines and farming attachments, animals; baby pigs, goats, sheep, rabbits, and chickens.

There were also demonstrations on pollution and how it affects the waterways by Suffolk Stormwater Department. Suffolk Mosquito Control explained how to help cut down on the

mosquito population by Tipping and Tossing, and there were mosquito larvae that the kids oohed and aahed over. Each teacher received a packet of information consisting of coloring pages, word finding puzzles, and additional information that could be used to help reinforce what the kids had learned during the farm days event.



Here one of the many classes watches as Mosquito Control Technicians Richard White (left) and Josh Sheets (right) go over the life cycle of a mosquito.

Recycle Drive & Tire Amnesty Day Recap

The Recycle Drive and Tire Amnesty Days were held on April 16th and September 17th in the Lowe's of Suffolk parking lot in downtown Suffolk. Citizens of Suffolk brought out and drop off tires, electronics, batteries, and plastics #1 & #2 and cardboard for recycling, plastic bags, and can food items for the local food bank; this is a yearly event that happens in April and September.

April 16th event accepted: 933 tires, 5,200 pounds of shredded documents thought Cintas Shredding, 2,830 pounds for Goodwill Industries, 216 pounds of plastic #1 & #2 along with cardboard, several hundred pounds of household batteries, hundreds of plastic bags, and 479 pounds of can goods for Food Bank.

September 17th event accepted: 979 tires, 5000 pounds of shredded documents thought Cintas Shredding, 3,290 pounds for Goodwill Industries, 600 pounds of plastic #1 & #2 along with cardboard, several hundreds of pounds household batteries (1st year car batteries were taken), hundreds of plastic bags, and enough can goods to create 400 meals for the Food Bank.



What's that? Answer



That is an adult female *Culex coronator* (Dyar and Knab). Suffolk Mosquito Control has identified the first record of the species in the state of Virginia and the new northern-most record in the United States. The individual was collected on the night of October 31, 2016 from a BG-Sentinel trap in the town of Holland, in Suffolk, Virginia. After communicating and sending several pictures of key characteristics to Dr. Bruce Harrison, as well as an in-person evaluation, the identity of the specimen has been confirmed. It has been submitted to the Smithsonian Institution in Washington, DC for permanent historical preservation and we plan on publishing a note, most likely in JAMCA, to document this exciting find.

Culex coronator has a distribution ranging from Argentina to the southern United States with the prior northern-most records in Oklahoma (Noden et al. 2015) and North Carolina (southeastern counties; noted in *The Mosquitoes of the Mid-Atlantic Region: An Identification Guide*). *Culex coronator* are usually found in larval collections as they are rarely attracted to traps. Like their relatives in the *Cx. pipiens* complex, the females are attracted to both natural and artificial oviposition sites containing rich organic content such as ditches, tires, and French drains with grass clippings and other organic material.

While this finding does not indicate an established population, it is interesting nonetheless, as various mosquito species continue to expand their range with human travel and average annual temperatures on the rise.

Submitted by Karen Akaratovic, Suffolk Mosquito Control

2016 Sustaining Members

The VMCA gratefully acknowledges the support of the following sustaining members for 2016. 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!



Ted Bean
(814) 671-6516
tbean@myadapco.com



Zach Cohen
(800) 227-8664
zcohen@summitchemical.com



Matt Crabbe
(804) 334-7370
crabav@gmail.com



Ryan Pierson
(208) 324-8006
elecdata@elecdata.com

Jeff Hottenstein
(703) 498-9362
jhottenstein@clarke.com



Jeff O'Neill
(302) 312-3950
joneill@central.com



Priscila Cavalcante
540-383-2093
pcavalcante@dynamicaviation.com



Joe Andrews
(888) 603-1008
joea@allprovector.com



Gillian Hess
(800) 570-4277
ghess@morrellonline.com



Gordon Morrison
(919) 452-7145
Gordon.morrison@bayer.com



John Singletary
(703) 789-2076
john.singletary@univarusa.com



Jim Andrews
(910) 547-8070
j.andrews@valent.com



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

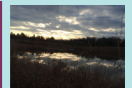
[Virginia Department of Health](#)

[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: Karen Akaratovic at kakaratovic@suffolkva.us

THE SKEETER

Newsletter of the Virginia Mosquito Control Association

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Editorial Review :
VMCA Executive Board

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 Karen Akaratovic at kakaratovic@suffolkva.us

Virginia

Mosquito Control Association

Founded 1947

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***Non-voting member of the Board**

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

New VMCA Merchandise



The Merchandise Committee is pleased to present a new design and new items for sale at the upcoming annual meeting. There will be new jackets, t-shirts, children's sizes, and a tumbler! Many thanks to former Fairfax County Health Department Technician Pedro Arias, who came up with this great design for the joint meeting.

We will also have several items from past years, some at reduced prices, so stop by the registration desk and check out all the merchandise for sale!!