

President's Message

Hello everyone! It is an honor for me to serve as the 2008 North Carolina Mosquito and Vector Control Association President and I look forward to working with the Executive Committee members again this year to accomplish goals and shape the future of our association.

Winter is upon us so we finally get a chance to step back and take a breath, sip a cup of coffee, reflect on this past year, and plan for the upcoming season. With this in mind I would like to first start out by asking a question: What does this association mean to you? I know it gives most of us a chance to get away at least once a year and spend time with people that are in similar professions. Many of us control mosquitoes, but there are so many other aspects of this line of work that a majority of the public is unaware of.

For me, the NCMVCA has provided a way to network with people who are experts in specific areas and provide different and innovative ideas. Whether it's repairing a ULV machine, applying a new chemical, educating the public, identifying ticks and mosquitoes, enforcing an ordinance, locating mosquito larvae, maintaining a ditch, using GIS for mapping, and the list can go on and on. This communication with other professionals has allowed me to do a better job protecting the public's health. I challenge you, both as a member of the NCMVCA and as an employee responsible for protecting the public's health, to learn any information you can that will better help you to be more proficient as a professional and, quite possibly, even make your job a little easier.

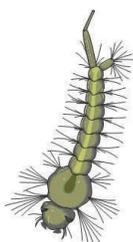
There are a couple of topics that have been brought to my attention this past year that many of us would benefit from discussing. Tick awareness and public education first comes to mind. At the last annual meeting we heard talks on ticks from Dr. Charlie Apperson and Dr. Marcia Herman-Giddens. We learned there are many more tick-borne infections compared to mosquito-borne infections in North Carolina in recent years. North Carolina is the leading state for cases and deaths related to Rocky Mountain Spotted Fever (RMSF). There may be little we can do from a control standpoint, but we can become familiar with preventing tick bites, properly removing ticks, identifying tick species and the diseases they carry, and becoming familiar with the symptoms that indicate RMSF and Lyme disease.

With this information we can educate the public and help them to reduce their risk of exposure to tick bites. Tick awareness and public education should be one of our goals as we move forward in 2008. For more information and printable brochures on ticks view the Public Health Pest Management website at <http://www.deh.enr.state.nc.us/phpm/> and the Tick Borne Infections Council of North Carolina, Inc. website at <http://www.tic-nc.org/index.html>.

The second topic I would like to discuss is Colony Collapse Disorder (CCD). Not to be confused with CDC, but CCD is the mysterious vanishing of our honeybee populations which you may have read about in the newspaper or seen covered on the news recently. It is estimated that beekeepers throughout the United States have been losing between 50 and 90 percent of their honeybees. So what does this mean to me, you may ask? The honeybee is considered the world's premier pollinator, and three-quarters of the world's 250,000 flowering plants, including many fruits and vegetables, require pollination to reproduce. No more honeybees, no more fruits and vegetables. Get the picture?

(Continued on page 6)

THE BITING TIMES



Inside this issue:

Category B and Rodent Control	Page 2
The 2008 Executive Committee Assignments	Page 3
2007 Ham Stevens Award	Page 4
Sustaining Members	Page 5
Cy Lesser Memorial	Page 7

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Public Health Licensing and Rodent Control

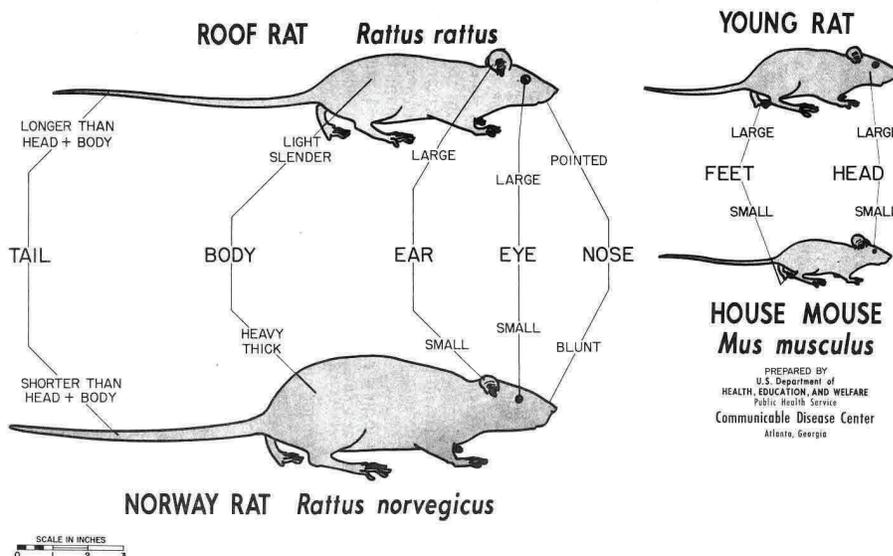
Renee Woody, a Certification and Training Specialist, with the NCDA Pesticide Section presented “Public Health Pesticide License- What you need to know”. Her presentation addressed many of the topics that each of us occasionally runs across. One of the questions she addressed from the audience was whether Rodent Control was included under the Public Health Pest Control (Category B) certification.

Both Dennis Salmen from Mecklenburg County and Jim Bryan from Forsythe County were instrumental in resolving this issue in 1991. Coincidentally both Dennis and Jim do a very good job of record keeping. They were able to dig up the State of NC Structural Pest Control Board's memo dated 8/26/91 which clarified their position. That 1991 interpretation stated that the Board's position was that a **STRUCTURAL PEST CONTROL license was not required for governmental persons doing pest control for public health purposes.**

Dennis, the 2008 chairman of NCMVCA's Legislative Committee, contacted Ned Dillon, the Deputy Director of Structural Pest Control, on December 5th, 2007, to get their current position/policy/interpretation of the 1991 ruling on the 16-year old policy and communicate that to persons (particularly NCMVCA members) who do public pest control on private property, whether in or around structures, and who have Public Pesticide Operator licensing (Category B), but not Structural Pest Control.

Dennis received an email, dated THURS, DEC 6, 2007 from David McLeod, Assistant Commissioner, Policy, Communications, and Legal Affairs Assistant, NCDA & CS (and still Chair of the NC Structural Pest Control Board) affirming that NCDA Structural Pest still 'honors' the 'policy that government employees providing pest control for public health purposes are not required to have a STRUCTURAL PEST license.

FIELD IDENTIFICATION OF DOMESTIC RODENTS



The NCMVCA 2008 Officers and Executive Committee

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Ex-Oficio- Janet Driggers
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Member at large- Bruce Harrison and Mark O'Donoghue
Bruce.Harrison@NCmail.net MarkO'Donoghue@co.union.nc.us

Any member in good standing with the NCMVCA may serve on a committee. If you would like to serve on a committee please contact the Committee Chairperson for more information. Remember without the support of our membership the NCMVA would cease to exist.

Parker Whitt the 2007 Hamilton W. Stevens Award Winner

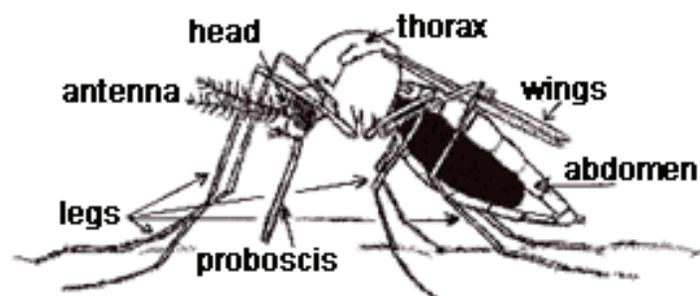
Parker Whitt has been awarded the Hamilton W. Stevens Award for 2007. Parker has been a very active member of the North Carolina Mosquito and Vector Control Association for over 20 years. He has provided educational talks at our annual meetings, served on NCMVCA committees, participated repeatedly in preparations for the annual meetings and is one of our past presidents.

During his 20 plus years of work in mosquito control he has become an expert in surveillance, biology and identification of adults and larvae, has participated in emergency mosquito surveillance after hurricanes and floods on numerous occasions, has volunteered his time assisting in ULV workshops, Surveillance Courses, and Mosquito ID courses, has worked on research projects involving mosquitoes and ticks (to include pooling efforts), and using all of this experience has developed a reputation as an excellent instructor.

Parker has developed his teaching skills and has aggressively applied these skills in teaching not only persons working in mosquito control programs in North Carolina, but also persons across the multi-state Mid-Atlantic Region. For over 10 years he has been involved in providing training courses (many sponsored with support of the NCMVCA) for the identification of adult female mosquitoes and larvae, and recently has taken over the arrangements for such courses.

An additional goal he pursued and achieved is instructing the public about the importance of mosquitoes, ticks, other pests, snakes and their place in nature, as well as how people need to protect themselves and prevent diseases and themselves from envenomization. Over the last 10 years he has averaged 8-10 presentations on these topics to: elementary school children, training sessions for Environmental Health Personnel, Ornithologists, State Park audiences and Scouting organizations.

These accomplishments and his personable and knowledgeable dealings with the public and the media, have clearly demonstrated his professional abilities to get the mosquito control message over to the public and mosquito control personnel. These efforts reflect positively back on the NCMVCA and the Public Health Pest Management Section.



2007 Sustaining Members



<p>Adapco, Inc.</p> <p>Trey English 804 Thompson St 550 Aero Lane Sanford Fl; 800-367-0659 Fax (866) 330-988 tenglish@myadapco.com</p>	<p>B & G Chemicals</p> <p>David Sykes 710 N.E. County Road 150 Madison, FL 32340 (850) 673-9598 dsykes@bgchem.com</p>	<p>Bayer Environmental Science</p> <p>Peter Connelly 2 T.W. Alexander Drive RTP, NC 27709 (919) 549-2489; Fax (919) 549-3969 Cell (919) 622-0710 peter.connelly@bayercropscience.com</p>
<p>Central Life Sciences/ Zoecon</p> <p>Charlie Pate 88 Whitney Street Eatonton, GA 31024 (706) 338-4734; Fax (706) 484-1720 cpate@central.com</p>	<p>Clarke Mosquito Control Products</p> <p>Joe Strickhouser PO Box 72197 Roselle, IL 60172 (800) 323-5727; Cell (704) 333-2523 joestrick-houser@clarkemosquito.com</p>	<p>Dynamic Aviation Group, Inc.</p> <p>Caleb Stitely P.O. Box 7, 1402 Airport Road Bridgewater, VA 22812 (540) 828-6070 cstitely@dynamicaviatin.com</p>
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President's Message continued..

So what are the causes of CCD? Scientists believe that it's related to four types of stressors which are identified as migratory, mites, pathogens, and pesticides. Not much we can do about the first three, but the fourth we are involved with. Most pesticides that contribute to death of honeybees are of the agriculture variety; however, many of the mosquito control products that are sprayed to kill mosquitoes can be highly toxic to bees. As mosquito control professionals it is our responsibility to apply adulticides in accordance with the label directions to minimize the risk of adversely affecting honeybees.

It is imperative that we do our part and take steps to avoid potentially contributing to further diminishing the population of this crucial insect. First, it would be a good idea to know the location of beekeepers in the municipal or county where you are spraying. If possible, contact the beekeepers and develop a good relationship with them. In many instances, beekeepers will cover bee hives when mosquito spraying is done to lessen the potential of losing any bees. It may even be feasible to avoid spraying around bee hives altogether, leaving a buffer around the hive and taking into consideration drift. Always follow the label instructions when applying pesticides. Bees fly when the air temperature is above 55-60°F and are most active from 8 a.m. to 5 p.m. Evening application is recommended since bees are least active and, depending on the chemical, allows time for it to partially or totally decompose overnight. Most chemicals sprayed for mosquitoes do not have any residual and kills on contact. For more information on bees or to locate beekeepers in your area visit the North Carolina State Beekeepers Association website at <http://www.ncbeekeepers.org/index.htm>.

Thanks again for the privilege and honor of serving as your Association President for 2008. Please know that the Executive Committee and I will work hard to further the association's goals and it's membership.

G. David Jenkins
President



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Eugene McRoy the 2007 NCMVCA President

Eugene McRoy is the outgoing NCMVCA President. Thanks Eugene, for guiding the Association for the past year. Eugene is the Vector Control Manager for Beaufort County Mosquito Control. He is pictured with his wife Renae



Cy Lesser, One of the Best



Cy Lesser, Chief of Mosquito Control for the Maryland Department of Agriculture, passed away suddenly and unexpectedly at his home on December 10th, 2007, from a heart attack. Cy Lesser was Maryland's mosquito magnate for 31 years, first working for the state as a field entomologist and later as the chief of the statewide Mosquito Control Program. He was Past-President of the American Mosquito Control Association and was regarded as an international leader and renowned thinker in the techniques and methodologies of mosquito control and disease suppression. Lesser was a public servant who worked to make his community better. By understanding how our region's No. 1 pest operates, he was able to keep that pest in check while still ensuring the environment remained protected.

Lesser, a 1973 graduate of the University of Delaware who received a master's degree in entomology in 1975, took his role as "Mosquito Man" quite seriously. He continuously worked for the Maryland Mosquito Control Section, and for over the past dozen years has been head of Maryland's Mosquito Control program. Cy's wife, Diane, their son Chris, and his family (Shelley and their young children Hayden and Reagan), and their daughter Jennifer and her family, are all in our thoughts with the Christmas season now upon us. People who professionally and/or personally knew him much liked/admired/respected Cy, and are stunned by this heartbreaking, untimely news.

The North Carolina Mosquito and Vector Control Association donated \$250.00 to the Mt. Vernon Volunteer Fire Company in lieu of flowers per the family's request. Cy Lesser will be missed.



33RD ANNUAL CONFERENCE OF THE MID-ATLANTIC MOSQUITO CONTROL ASSOCIATION

FEBRUARY 27-29, 2008
SHERATON BALTIMORE CITY CENTER HOTEL
BALTIMORE, MARYLAND

The 33rd annual conference will be held February 27-29, 2008 at the [Sheraton Baltimore City Center Hotel](#) in Baltimore, MD. Conference room rates at the Sheraton Baltimore City Center Hotel for single or double occupancy are \$115.00 + 12.5% tax per night. Rooms can be reserved online by clicking the following link [Sheraton Baltimore City Center MAMCA Room Reservations](#) or by calling (800) 325-3535 or (410) 752-1100. **If you call for reservations, you must mention that you are with a group, the Mid-Atlantic Mosquito Control Association, in order to receive the conference rate.** Space is limited, so reservations must be made before 5:00 pm on **February 5, 2008**, after which time the room rate is not guaranteed. Parking is available at a discount rate of \$15.00 per night per car.

The full conference registration fee is \$100.00 and includes all breaks, Suppliers' Social, Biting Time and the Lunch Banquet on Thursday afternoon. Companion and one-day registrations are also available. **Registrations should be submitted by January 21, 2008. 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.** Payment must be by cash, check, or money order. **Credit cards are not accepted.**

ADULT MOSQUITO ID COURSE

MAMCA will sponsor a 1-day adult mosquito identification course on Tuesday, February 26, 2008 9:00 AM - 4:00 PM in Baltimore, MD. The course will be held at the Sheraton Baltimore City Center Hotel and will be conducted by Dr. Bruce Harrison and Parker Whitt with the North Carolina Department of Environmental and Natural Resources. This is a pre-conference workshop to the 33rd MAMCA Annual Meeting to be held at the same hotel February 27-29th.

The fee for attending this course is \$25 which will include lunch (12:00 PM - 1:00 PM), breaks, and all materials. This classroom course will review identifying characteristics of adult mosquitoes and their habitats. Enrollment will be limited to 20 people and a selection process will be implemented if more than 20 applications are received. **All applications, with associated fees, must be received by February 5, 2008.** Confirmations on receipt and acceptance will be sent by email after February 10, 2008.

The pre-conference ID course is made possible by the generous support of ADAPCO Inc. and Summit Chemical. Many thanks to Allen Wooldridge and Jonathan Cohen. Contact Chris Lesser at chlesser@state.de.us for more information.

Janet Driggers
Secretary/Treasurer
222 Ryan Way
Goldsboro, NC 27535



New Membership Application and Membership Renewal Form N.C. Mosquito and Vector Control Association

Name: _____

Organization/Company _____

Mailing Address _____

Zip Code _____

Telephone Number _____ E-Mail: _____

Dues Payment for Year _____ Amount: (\$10.00/year) _____

Make check payable to NCMVCA and mail to:

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Goldsboro NC 27535
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E-mail: Janet.Driggers@NCmail.net