

Buzz Words



The Newsletter of the Florida Mosquito Control Association
Mar/Apr 2008

Volume 8, Issue Number 2

The FMCA 2008 Annual Spring Meeting has been cancelled!

The FMCA Board, however, will hold a Board meeting.

FMCA 2008 Spring Board Meeting

April 23, 2008

Ocala Hilton

3600 SW 36th Street

Ocala, FL

9:00 am – 1:00 pm



FMCA

80th Annual Fall Meeting

Nov. 16 – 19, 2008

Panama City Beach, FL

First Call for papers inside this issue of *BuzzWords!*



Northeastern Mosquito Control Association

54th Annual Meeting

December 8 – 10, 2008

Providence, RI at the Marriott Providence Downtown Hotel

For more information: www.ncma.org

News from FMCA

FMCA Annual Spring Meeting

The FMCA 2008 Annual Spring Meeting has been cancelled. The FMCA Board, however, will hold a Board meeting on April 23, 2008 at the Ocala Hilton, 3600 SW 36th Street, Ocala, FL, 9:00 am – 1:00 pm

Helicopter Pilot Position Open

The Citrus County Mosquito Control District (CCMCD) is accepting applications for a helicopter pilot; \$40,768 – \$61,152 yearly. Applications will be accepted until position is filled. Public Health Pest Control Certification is necessary within six months of employment. A detailed job description and application must be obtained at the CCMCD Headquarters' Office: 968 N. Lecanto Hwy., Lecanto, FL. 34461 (352) 527-7478, between 7:30 a.m. - 3:00 p.m. weekdays. CCMCD applications are required to be completed on the premises. CCMCD is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provisions of services. Preference will be given to veterans. (A copy of the DD-214 must be provided.)



Changes

Citrus County Mosquito Control District has eliminated their P. O. Box number and will now be using their physical address: 968 N. Lecanto, FL 34461.

Escambia County Mosquito Control moved last October to a new location. Their new address is 611 Highway 297A, Cantonment, FL 32533; 850-937-2188 (phone); 850-937-2192 (fax).

Peter H. Connelly, formerly with Bayer Environmental Science, has accepted a position as Sales Manager of Vector Control Products with AMVAC Environmental Products. His new contact information is: 772-563-0606 (office); 772-205-5280 (cell); PeterC@amvac.net

News from FMEL

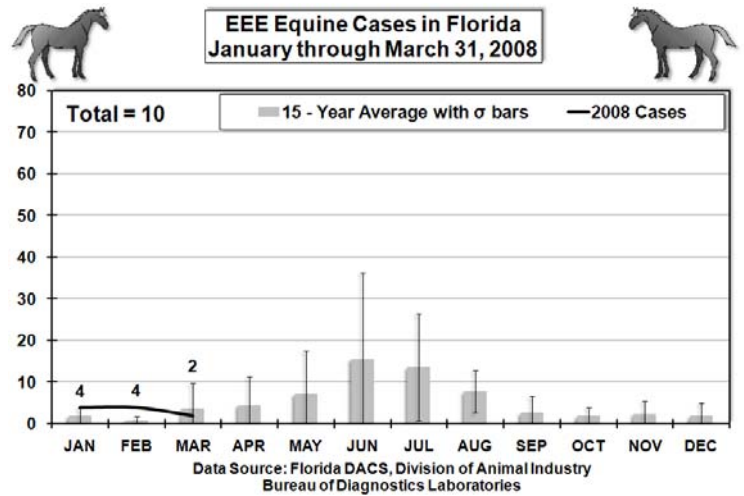
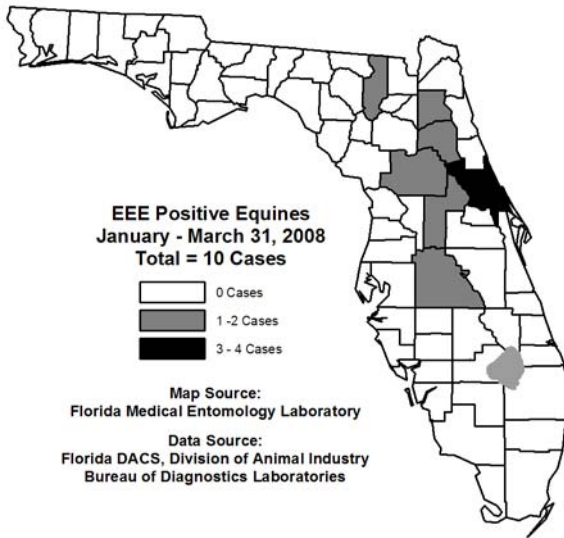
To link to the Modeled Water Table Depth and KBDI analysis:
http://mosquito.ifas.ufl.edu/MWTD_Risk_Model.htm

News from PHEREC

Two new publications from PHEREC:

Cilek, J.E. 2008. Application of Insecticides to Vegetation as Barriers Against Host-Seeking Mosquitoes. J. Am. Mosq. Control Assoc. 24(1):172-176.

Barber, J.A.S., M. Greer, M. Latham, and G. Stout. 2008. Canopy Effects Droplet Size Distribution and Meteorological Change. J. Am. Mosq. Control Assoc. 24(1):177-181.



At the 74th Annual Meeting of the AMCA in March, our own **Dr. David Dame** was awarded one of the highest honors from AMCA, the **Medal of Honor**. The recipient is selected on the basis of exceptional contributions to the field of mosquito control which are judged by peers to be truly outstanding.

Congratulations on receiving this well-deserved award Dr. Dame!!!

Mosquito Control Class offered at FGCU

Neil Wilkinson received permission from Florida Gulf Coast University (FGCU) to offer a class titled *Mosquitoes – Biology, Disease and Control*. This class is offered to upper level environmental studies majors for the spring 2008 semester. FGCU required 7 students to enroll for the class in order to support it. Over 20 students signed up almost immediately. The texts for the class are The American Plague by Molly Caldwell Crosby and The Mosquito Wars by Gordon Patterson. John Beidler, retired Director of Indian River County Mosquito Control and honorary Dean of Florida Mosquito Control, was guest lecturer on March 25 providing a class on impoundments. Several other mosquito control experts have graciously volunteered to provide lectures for the class. Neil's goals include educating Environmental Science majors that will be working with mosquito control programs in the future through regulatory and advisory positions.

Neil Wilkinson is an instructor in the Environmental Studies Program at FGCU and sponsored by a Lee County Mosquito Control District grant. He acts as a liaison between FGCU, the Lee County School District's Environmental Education Program, and the Lee County Mosquito Control District facilitating interagency cooperative and collaborative efforts among students, faculty, and staff. At FGCU he teaches a non-science majors field-based course, environmental biology and an upper level required course on environmental sustainability.

Shelly Redovan
Lee County Mosquito Control District

From darwinawards.com

Pulling a Boner: 2 February 2008, New York: A 50-year-old man was bird hunting in Upstate New York with his buddies and his faithful canine companion. They stopped for a smoke, and he noticed that his dog had found a bone. It was a deer leg! The man tried to take the bone away from the dog. Like any right thinking dog, the animal would not relinquish its treasure, and stayed just out of reach.

Frustrated with this blatant show of disobedience, the man grabbed his loaded shotgun by the muzzle and began wielding it like a club. Each time he swung it, the dog dodged. Suddenly the "club" struck the ground and fired, shooting the man in the abdomen. His friends called 911 and he was airlifted to a nearby hospital, where he died from his injuries.

He did remain conscious long enough to confirm this account to police; otherwise, his poor friends might now be under suspicion of murder.



At least he didn't hit the dog!

Florida Mosquito Control Association

FIRST CALL FOR PAPERS

80th ANNUAL FALL MEETING

Bay Point Marriott

4200 Marriott Drive

Panama City Beach, FL 32408-8019

850.236.6000

November 16 – 19, 2008

You are invited to submit a title for a paper to be presented at the 2008 80th Annual Fall Meeting of the Florida Mosquito Control Association, to be held at the Bay Point Marriott, 4200 Marriott Drive, Bay Point, FL from November 16-19, 2008. Type the title, author(s), organization(s), and address (es) exactly the way they are to appear on the program. If more than one author is listed, place an asterisk after the name of the author who is to present the paper. **Send this form to Dennis Moore, Pasco County Mosquito Control District, 2308 Marathon Road, Odessa, FL, 33556, E-mail: dmoore@pascomosquito.org, Telephone: 727.376.4568; FAX: 727.376.4704.**

TITLE: _____

AUTHOR: (INCLUDE E-MAIL, TELEPHONE AND FAX NUMBERS OF PRESENTER)

1. _____

2. _____
3. _____

ORGANIZATION:

1. _____
2. _____
3. _____

MAILING ADDRESS:

1. _____
2. _____
3. _____

REQUESTED DURATION OF PRESENTATION: ____ 10 min ____ 15 min ____ Symposium ____ Other

AUDIO/VISUAL EQUIPMENT REQUIRED: ____ Slide ____ LCD ____ Overhead ____ Other (please specify)

PAPER CATEGORY: ____ Research ____ Operations ____ Regulatory ____ Other (please specify)

Florida Mosquito Control Research Program

Florida mosquito control has for many years supported an in-state program to support high priority research that will improve mosquito control and make it more efficient, effective and environmentally proper. Support for this program goes back to the period when the state of Florida provided funds directly to Florida's mosquito control districts to assist the districts in meeting state regulatory requirements. Starting in 1992, tire tax funds were the source of the state mosquito control and research funds. At the beginning of the program, a group of the mosquito control directors recognizing the importance and necessity of continuing research to improve mosquito control advanced the plan to the state that a portion of these funds be earmarked annually in support of mosquito control research. Today the research program supports projects at the two primary Florida research laboratories, the Florida Medical Entomology Laboratory and the John Mulrennan Public Health Entomology Research and Education Center. The funds for research, originally \$250,000 annually in 1985, increased to \$500,000 in the late 1980s. This was later reduced to \$250,000 annually. It has remained at this level for nearly the full 25 years since it began.

This Florida Mosquito Control Research Program (FMCRRP) is funded through this annual allotment of \$250,000 and is administered by the Florida Dept of Agriculture & Consumer Services. The program is clearly essential to maintain and improve mosquito control effectiveness throughout Florida.

The Florida Coordinating Council on Mosquito Control (FCCMC), responsible for ensuring that Florida mosquito control is efficient, effective and environmentally proper, agreed in 2008 that the FMCRRP is essential for Florida mosquito control and that increasing this program is the highest priority. The FCCMC recognized that the current level of funding is inadequate to meeting the pressing needs of mosquito control in this time of increasing demands on Florida mosquito control to reduce pest and disease carrying mosquito populations and protect the public health and well-being of Florida's ever growing population and growing tourism industry.

FCCMC members supported the need for additional funds. FCCMC is composed of the following agencies and organizations:

FL Fish & Wildlife Cons. Comm.
Florida A&M University
FL Dept. Environmental Protection
Florida Defenders of the Environment
FL Dept. of Agric. & Consumer Services

Florida Mosquito Control Districts
FL Dept. of Health
University of Florida
USDA
U. S. Fish and Wildlife Service

Why is research for Florida Mosquito Control needed?

-Emerging mosquito-borne diseases are a real threat to Florida requiring improved forecasting/control: Chikungunya, Dengue, Eastern Equine Encephalitis, Malaria, Rift Valley Fever, St. Louis Encephalitis, Venezuelan Equine Encephalitis, West Nile Encephalitis.



- Greater control of mosquito pests and disease carriers in growing urban centers is needed.
 - New environmentally friendly mosquito control products, methods, strategies are needed.
 - Improved operational mosquito control with greater efficiency, reduced environmental impact.
 - Global warming will impact mosquitoes and mosquito-borne disease in Florida.
- The accomplishments from the FMCRP are too numerous to list. The investments over the years have helped Florida mosquito control to maintain its leadership in the profession. The Florida Mosquito Control Association working with the FCCMC has been instrumental in developing new research priorities annually to ensure that the program remains current addressing current high priority mosquito control issues.

Past Selected Accomplishments

Florida sentinel mosquito-borne disease surveillance program.
Florida mosquito-borne disease forecasting program.
Diagnostics to detect eastern equine & St. Louis encephalitis.
Greater efficiency in detecting and interpreting West Nile virus in Florida.
Evaluation of non-target effects of pesticides.
Improved efficiency of aerial adulticiding and spray systems.
Reducing the impact of insecticide resistance in mosquitoes.
Evaluations of the effectiveness of novel insecticides.
New environmentally friendly insecticides – *Bti*, TMOF.
Environmentally sound mosquito control in coastal wetlands without insecticides.

Benefits

Improved mosquito-borne disease surveillance.
Targeted mosquito control to prevent disease outbreaks.
Reduce the impact of mosquito control on the environment.
Improved efficiency of mosquito control.
Increased research funding from Federal, international and corporate sources.

The FMCRP is the primary means to enable Florida mosquito control to meet future challenges. The program supports a mosquito control enterprise with a combined annual budget of ca. \$140 million. An increase in the research budget to \$500,000 will represent an investment of only 0.35%. Mosquito control and the state of Florida cannot afford not making this small investment. The future of Florida is at stake.

Walter J. Tabachnick
Director
Professor of Entomology and Nematology
Florida Medical Entomology Laboratory
University of Florida – IFAS
Vero Beach

The deadline for submissions to be included in the
May/June issue of
BuzzWords is May 30, 2008

Please send change of address or newsletter submissions to:
Roxanne Connelly, Editor, 200 9th Street SE, Vero Beach, FL 32962
or buzzwords@ifas.ufl.edu