



www.floridamosquito.org

President	Suzanne Bartlett
President Elect	Mark Cothran
Vice-President	Rudy Xue
Past President	Neil Wilkinson
Executive Director	Debra Parker Smith
Web Master	Gregg Ross

Change of address:
BuzzWords@ifas.ufl.edu
or
Roxanne Connelly, Editor
UF/IFAS/FMEL
200 9th Street SE
Vero Beach, FL 32962

FMCA address:
FMCA
11625 Landing Place,
North Palm Beach, FL 33408

Deadlines for submissions to be
included in the newsletter:

Jan/Feb	Jan 15
Mar/Apr	Mar 15
May/Jun	May 15
Jul/Aug	Jul 15
Sep/Oct	Sep 15
Nov/Dec	Nov 15

Send newsletter submissions to:
Nathan Burkett-Cadena, Managing Editor
nburkettcadena@ufl.edu

The mission of the FMCA is to promote effective and environmentally sound control of disease-transmitting and pestiferous mosquitoes and other arthropods of public health importance, develop and enhance public interest, awareness, and support for the control of mosquitoes, and provide for the scientific advancement of members through our meetings, training and education.

Upcoming Events

AMCA Annual Meeting

March 29-April 2, 2015
Hilton New Orleans Riverside
New Orleans, LA

<http://www.mosquito.org/annual-meeting>

FMCA Fall Annual Meeting

November 15 – 18, 2015
Renaissance World Golf Village
St. Augustine, FL

Registration opens in June 2015.
Early registration will end
October 29, 2015.

FMCA Dodd Short Courses

January 25-29, 2016
Hilton, Altamonte Springs, FL
<http://dodd.floridamosquito.org/Dodd/>



Vol. 15. No. 1

Jan/Feb 2015

Buzzwords

FMCA PARTICIPATION AT THE AMCA ANNUAL MEETING IN NEW ORLEANS:

The FMCA will have a booth in the Exhibit Hall at the New Orleans Riverside Hilton to promote the Dodd Short Courses, Aerial Fly-In, Annual Meeting, FMCA membership, *WingBeats*, and Skeeter Life. Skeeter Life merchandise will be for sale during the hours the exhibit hall is open.

Additionally, the Dodd Short Course committee will be raffling a custom made fishing rod and reel. The rod manufacturer is Dan James <http://danjamescustomrods.com/> Dan has provided a nice discount on the rod and reel since we are raffling the finished piece for the Haiti Mosquito Control Association educational fund. The rod is a 7' DJCR Custom Spinning rod with a Shimano Sahara 3000 reel and 20lb Power pro braided line. The customization of the rod is a secret and it is mosquito control related. It should be a big hit! Approximate value of the rod and reel is \$400.00.

Please visit our booth - #114

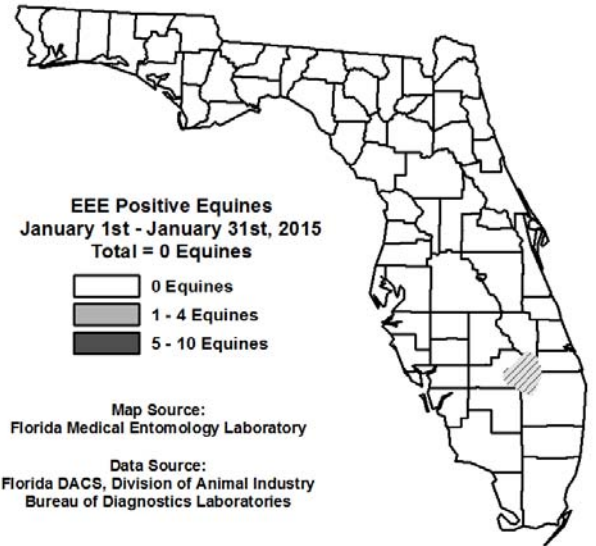
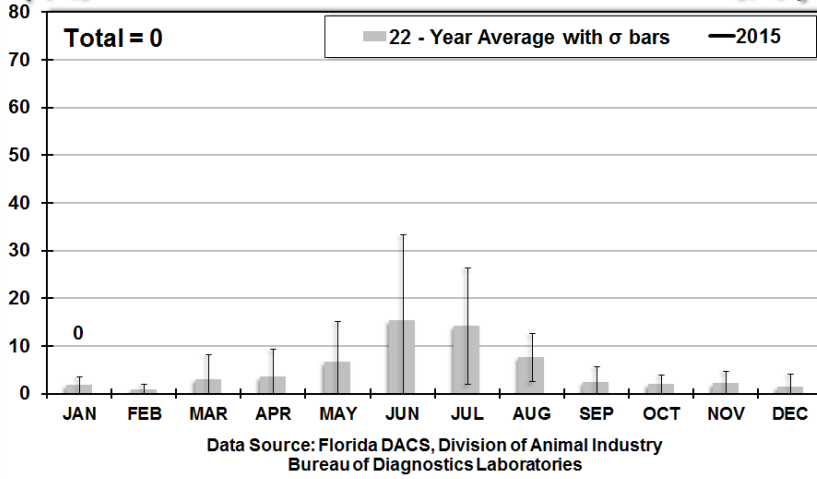


Arbovirus surveillance, Florida: Jan., 2015

EEE



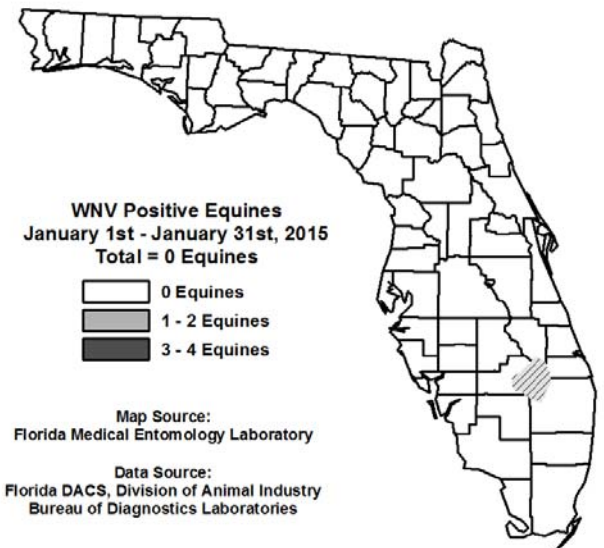
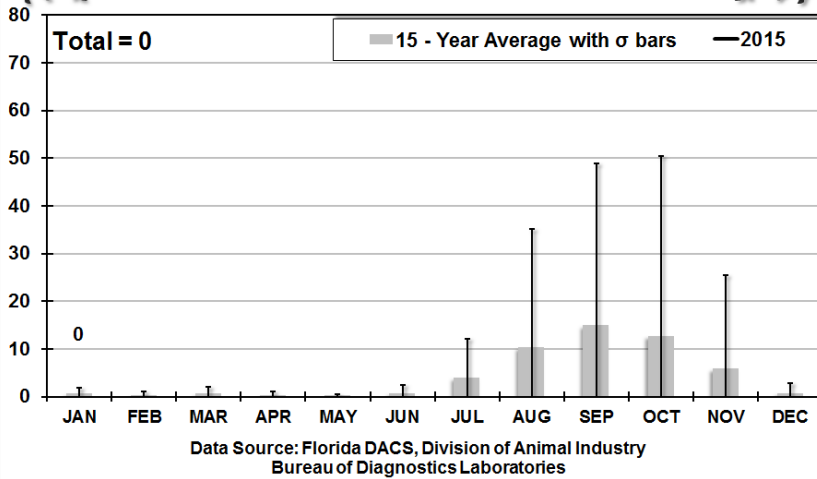
**EEE Positive Equines in Florida
January 1 through January 31, 2015**



West Nile



**West Nile Positive Equines in Florida
January 1 through January 31, 2015**



Musical Mosquitoes

In the middle of summer when the mosquitoes are driving you mad, do you ever think about writing a song about mosquitoes? Not surprisingly, there are a lot of lyrics that have been written about the deadliest creature on earth and the diseases they can cause. Look these up on You Tube if you want to hear what artists think about the animal whose existence is the reason many of you were hired to do the job you do! A sample of lyrics from each song is shown as well.

Mosquito Song. Queens of the Stone Age: “...I know the sun is hot, mosquitoes come suck your blood, leave you there all alone, just skin and bone...”

Mosquito Burrito. Roger Day. “...I want a mosquito - a mosquito burrito, I like to smash ‘em with my hands-o, Spread ‘em on a tortill-o, Roll ‘em up and take a bite-o...”

Funkier than a mosquito’s tweeter. Nina Simone. “...Can't believe nothin' you say, 'Cause I'm around and I see what you do, You know you funkier then a mosquito's tweeter. You got a mouth like a herd of boll weevils...”

Dengue woman blues. Jimmie Vaughan. “... You got me all crazy, I can't get outta bed, Bones are achin’, bad thoughts in my head, Dengue woman, Stay away from me...”

Mosquito Song. Randy Kaplan. “... Mr. Mosquito, wherever you are, You know you’ve caused me so much heartache, Stress, sorrow, and strife, That the next time I see you I’m gonna capture you, I’m gonna throw you in this jail for life...”

Jamaican Chikungunya song. Wayne J. “... a bag a young people a move ole, it mek a bag a young people a move ole, Mosquito bite inna foot, an it a bite inna neck, mek sure seh yuh have yuh mosquito net...”

The Mosquito. The Doors. “...No me moleste mosquito...Just let me eat my burrito...Why don't you go home...”



FMCA – Reports from your Regional Representatives

Southeast Region Report by Eric Cotsenmoyer, Lake County Lake County Mosquito and Aquatic Plant Management Programs

St. Lucie County Mosquito Control District:

It has been an interesting year and one that put us on the map; unfortunately not in the fashion we expected or desired. We ended our season with two imported cases and four locally transmitted cases of CHIKV. Of particular interest is that only two of the cases were considered to be epi-linked. The other two were not even close to other cases; imported or local. This lead to more confusion as to how it was distributed. We can only surmise that cases were not reported. We are thankful we did have a good working relationship prior to the season starting and cannot stress enough the importance of having strong coordination and continuous communication with your health department personnel. As Gene Lemire (Martin County) also thought and expressed after the 2013 season, we too reflect and question if we did enough and wonder what the upcoming season will bring. In December we welcomed Mr. Terrill Mincey to our team as the new Mosquito Control Manager. He came to the Treasure Coast from Myrtle Beach, South Carolina where he was responsible for operation and management of the County's program. He is also the past President of the South Carolina Mosquito Control Association. We are glad to have him here! Thanks, *Sherry Burroughs*

Indian River Mosquito Control District (IRMCD):

Indian River Mosquito Control District's newly elected commissioner is Thomas S. Lowther. He has been married to Beverly for 32 years; and they have two children, Kari, 29 and Ryan 25 and have a grandson, Gavin. He is a fourth-generation Indian River County resident. He is a graduate of Vero Beach High School Class of 1978 and a graduate of Miami Dade School of Mortuary Science, 1981 with an AS Degree. He has been a Funeral Director for 35 years and has been the Owner/Operator of Thomas S. Lowther Funeral Home and Crematory in Vero Beach since 1997. Mr. Lowther served as County Commissioner from 2002-2006. During his term he served on numerous committees and boards. As Chairman of the Board in 2005, he spearheaded joint meetings with St. Lucie, Martin and Brevard County Commissioners as well as joint meetings with the City of Vero Beach, City of Sebastian, City of Fellsmere, Town of Orchid and Town of Indian River Shores Councils. In 2005 he also served as Chairman of the Treasure Coast Regional Planning Council which incorporates Palm Beach, Martin, St Lucie and Indian River County. His civic involvement includes the Sunrise Rotary Club, Vero Masonic Lodge, Azan Shrine Club, High Twelve Masonic Lodge, The One Hundred Club, The Evening Republican Club, The North County Republican Club, and the Advisory Board for the Salvation Army. Mr. Lowther said his goal when he was elected to the Indian River County Mosquito Control Board was to serve the District in such a way as to have the District continue with its excellent service to Indian River County and to stay on the cutting edge of technology in the continued effort to combat disease from mosquitoes. We are looking forward to working with our new Commissioner!

Seminole County Lake Management & Mosquito Control:

Seminole County has been investing time in visiting other Mosquito Control Programs/Districts in efforts to calibrate and improve our operations. We would like to thank Reedy Creek, Pasco County, and Anastasia Island for their hospitality in meeting with us. We look forward to meeting a couple other neighboring programs in the near future. 2015, for us, started with an imported Dengue case followed by an imported Chikungunya case. This year we have increased the sentinel sites from 4 to 11. Given the last batch of spare chickens we purchased in 2014 were already positive for WNV, our Team Leader, Theresa Jones, suggested to internally hand-rear chickens. She, with our great team, has successfully raised 135 healthy Red Ranger chickens and is gearing up to place them in the field by the end of February. We ended up having one rooster out of the bunch so we hope to have a "trickle supply" of chickens coming in! The DODD classes attended by staff have been shared amongst our program since the training budget is limited and not all of our staff could attend. We appreciate all the wonderful instructors at DODD and FMCA for providing an arena for learning to take place that includes new techniques and ideas that improve cost and efficiency.

Lake County Mosquito and Aquatic Plant Management Programs (LCM/APMP):

It concerns Lake County mosquito management staff that there have been four imported Chikungunya cases reported and three of those have been in 2015. One of the problems is our County Health Department is getting the information on these cases two to three months after the patient's onset date of infection. This raises questions: are these individuals making their way back to Lake County while they are infectious and how many cases are making it to Lake County that are not being reported? We are having one of the wettest winters we've had in eight to ten years which will create highly productive conditions for vector species of mosquitoes this spring. For our staff it is important to know the areas that these cases are located so we can be pro-active with abatement activities or the dissemination of precautionary fliers whatever it is we need to do. It does appear we may be busy this spring more so than in the past.

Northeast Region Report by Jim McNelly, Volusia County Mosquito Control

Anastasia Mosquito Control (AMCD) had two Commissioners and eight employees attend Dodd short courses, taking a variety of classes. Two student interns (Jennifer Gibson and Emily Thomson) have been promoted to full-time Biotechs as of October 2014. Former Biotech Mike Smith has been promoted, and is now our Field Biologist. In addition, two seasonal employees have been promoted as full-time mosquito control technicians. The St. Johns County Department of Health lifted the mosquito-borne illness advisory in January. AMCD completed the 2014 Annual Program Report and has developed the program for the 12th Arbovirus Workshop, which can be found at www.amcdsjc.org. DACS has approved 20 CEU credits for the workshop.

East Flagler Mosquito Control District (EFMCD) reports that their personnel had to apply adulticides by ground during the first week of January, following mid-December rains and above average temperatures. Mosquito numbers during the week approached those caught during the busiest week of the entire season. Cooler temperatures are currently keeping mosquito numbers low. Staff is involved with equipment maintenance and training initiatives. Interestingly, we closed the year with 15+ WNV (a record for EFMCD) sentinels, and 11+ EEE. The district welcomes Mark Positano; Mark will fulfill the responsibilities of the long vacant Operations Supervisor position.

Jacksonville Mosquito Control (JMC) indicates that a welcomed renovation of the operations wing of the main building is underway at Jacksonville Mosquito Control. What began as a simple roof replacement evolved into an engineering project to strengthen the structure and upgrade insulation, HVAC, ADA compliance and enhanced interior spaces. Staff is thrilled at the prospect of enjoying improved climate control, lighting and reliable restrooms! Overall, 3,148 sq. feet is being renovated. The work should be completed by March.

After three decades of service, the division recently decommissioned and sold two late 1960s-era Cessna Skymaster 337 airplanes and associated parts inventory. A 3,000 sq. ft. hangar under lease at Craig Field will revert to the airport authority as the aerial operations centralize at the Eastport Road heliport. The division is recommending the City of Jacksonville acquire a turbine helicopter to serve as a primary adulticiding aircraft and hire a fulltime pilot. For the immediate future, the division will rely on Schweizer/Hughes 300C helicopters for aerial application.

Thanks to FEMA reimbursement of extraordinary expenses associated with Tropical Storm Debby during 2012, JMC recently purchased a new stereoscope microscope with a digital interface. Magnified images can be freeze-framed or recorded for playback on a laptop computer or digital monitor. Entomologist Marah Clark said the new scope will enable her to bring mosquito identification into the classroom and will also provide clear images for news media interviews. The particular model is a Zeiss Stereo Discovery V8 stereoscope with AxioCam digital and video imaging. It is very cool!

The City of Jacksonville and JMC are working with Elecdata (Electronic Data Solutions) to install a new data management/GIS program called FieldSeeker GIS. The software is a step up from the current outdated SQL database and paper service request process. It features improved mapping and report capabilities, decreased time to assign and complete field work, and eliminates paperwork. We are expecting full implementation by the beginning of May.

Richard Smith, a seasoned employee with the MCD, was honored to receive a Presidential Citation from FMCA President Neil Wilkinson at the 86th Annual Meeting in Westin, Florida. Richard is grateful for the award and affirmed his support of FMCA's student education efforts, recalling how his early interest in mosquito control was piqued during a tour of the East Duval County MCD in the late 1960s. "Not every kid will catch the spark, but those who do will always be sympathetic to mosquito control," Smith said.

Volusia County Mosquito Control (VCMC) finished 2014 with four (4) WNV human cases. The adulticiding response to these cases continued into October and the new fiscal year; the reserve budget will need to be tapped to replenish a depleted chemical budget. County Council approved the replacement of one (1) of our circa 1990 MD500E helicopters. VCMC will take possession of a new MD500N ship in late spring/early summer. The associated NOTAR technology eliminates the tail rotor and the potential for vegetation/bird/human strikes. Enhanced safety, maintaining standardization within the MD500 class to accommodate our spray equipment and a big thumb's up from Chatham County's (GA) aerial program facilitated our decision.

VCMC was also active at Dodd. Sue (Madam President) Bartlett and Ed Northey are both Dodd Committee members and teach short courses – they were extremely busy. Other staff, including TJ Machardy, Jesse Julien and Miranda Lath actively supported the week's efforts. VCMC recently hired three (3) new inspectors and each was in position to attend the Dodd intro to mosquito control course. The week prior, Sue gave a presentation at FMCA's Fly-In on an equipment failure associated with a helicopter spray tank. Richard Moore from Volusia County's Emergency Management (VCEM) Department provided an overview of a practice exercise related to a downed helicopter, pilot retrieval and chemical spill containment in which VCEM and VCMC partnered with local, state and federal entities.

Southwest Region Report by Aaron Lloyd, Pasco County Mosquito Control District

Citrus County Mosquito Control District: Director, Joel Jacobson

"February came in wet and cool. Temperatures have been ranging in the mid-30's on the low side to upper seventies for the occasional high. In addition, we've had over three inches of rain during the last week of January alone. We are currently in the process of hiring a 'Special Projects' Crew Leader. This job will handle many of our airboat related duties to include trap pick-ups on our islands in the gulf, to controlling hyacinths and lettuce problems around the county. We've seen four retirements in the past twelve months and have another pending in June. Mike Williamson will be retiring (for the third time) after just about 40 years. Mike has helped with field operations for most of his career and is now winding down as our equipment mechanic. Four new techs attended the Dodd courses this year. They were very impressed... with the food, as well as the classes! We are beginning our fourth season using residual larvicides. Allowing for the quirks associated with these larvicides, each of the products has performed beyond expectations. We have repeatedly seen control in all habitats ranging from four weeks on the low side to above six weeks on the high end. This has allowed my guys and girl (just one) to inspect far beyond what was feasible in years past. Many of our sites that had to be revisited on a weekly basis are now under maintenance control thanks to our prescription larviciding method. Trapping is still on the low side; mainly *Anopheles quadrimaculatus*, *An. crucians*, *Culex restuans* and *Cx. territans*. As for projects: Billy Kellner, our Surveillance Coordinator, is working with Nathan Burkett-Cadena of F.M.E.L. studying the winter-time feeding habits of *Cs. melanura*. And finally, we just went through an election year and now have two out of three newly elected commissioners. All in all, life in our world this time of year is mellow. Enjoy it now. "The high season is near."

Collier Mosquito Control District: Public Information Officer, Adrian Salinas

CMCD Managing Mosquitoes and Technology: We are experiencing another warm winter in SW Florida, which means increased mosquito activity. During the first week of December 2014, CMCD conducted aerial larval treatments in Naples. Recent surveillance indicated increased numbers of *Mansonia* and *Anopheles* adults in the Immokalee area, and we conducted ground ULV treatments in response. This week we were notified of a suspected imported case of Dengue Fever within the county. We are conducting neighborhood inspections and adult surveillance to determine if control measures are warranted. In addition, we are reviewing our response protocols when disease cases are reported within Collier County. On the technology front, we are implementing the GeoPro web based data management system which allows for data collection and retrieval of all mosquito control activities. Field inspectors have attended several in-house workshops to become familiar with their new tablets as well as training for support staff.

Hernando County Mosquito Control District: Director, Sandra Fisher

Hernando County continues to find breeding in many areas throughout the County; primarily seeing *Culex* and *Aedes* species. With warmer temps in the third week of January we've had to spray a handful of times. We have reorganized our district to include a dedicated surveillance technician to handle all surveillance activities. Our chicks arrived on January 29 for the 2015 season and are thriving. We are replacing our previously used coops with ready-to-assemble, more portable, more spacious coops purchased online. Staff continues to update the database system with breeding surveillance sites and reevaluating trapping and surveillance needs for the upcoming season. Two of our technicians attended the DODD short courses.

Pasco County Mosquito Control District: Operations Supervisor, Aaron Lloyd

Pasco County continues to receive rain making it an unusually wet winter. In the first 2 weeks in February there has already been 3-3.5 inches of rain countywide. Temperatures are cool at night but get high enough during the day to keep our helicopters in the air. *Anopheles crucians* and *An. quadrimaculatus* are the major species showing up in our suction traps and have generated a decent number of complaints from county residents. PCMCD's maintenance shop continues to work hard on building new equipment, painting new trucks and preparing the current fleet for the upcoming season. Surveillance chickens have arrived and will be deployed at the beginning of March. We have added 2 coops to our virus surveillance program for a total of eight coops with 48 chickens (6 chickens per coop). We've entertained several visitors from both in and out of state, sharing ideas and showing them our equipment and program. For those able to attend, we look forward to seeing you in March at FMCA Tallahassee days and the annual AMCA meeting in New Orleans, La.

Northwest Region Report by Ben Brewer, South Walton County Mosquito Control District

Fred Wakefield with **Bay County Mosquito Control** says the weather has been working in their favor keeping the mosquito activity to a minimum. They stopped adulticiding in mid November. They were able to send 6 employees to the Dodd Short courses this year. During the past season their staff tried using longer lasting larvicide products in some of their swampy problem areas and the results were positive. They now plan to make use of those products again this year.

Bob Betts with Escambia County Mosquito Control reports that their breeding site inspections are yielding mostly *Aedes vexans* and mosquito control requests from the public are sporadic. Most all their employees were able to attend the Dodd Short Courses held in Altamonte Springs.

Dewitt Poulous, with **Franklin County Mosquito Control** reports wet and cool conditions and very few mosquitoes. Their employees have accomplished a lot of ditch maintenance.

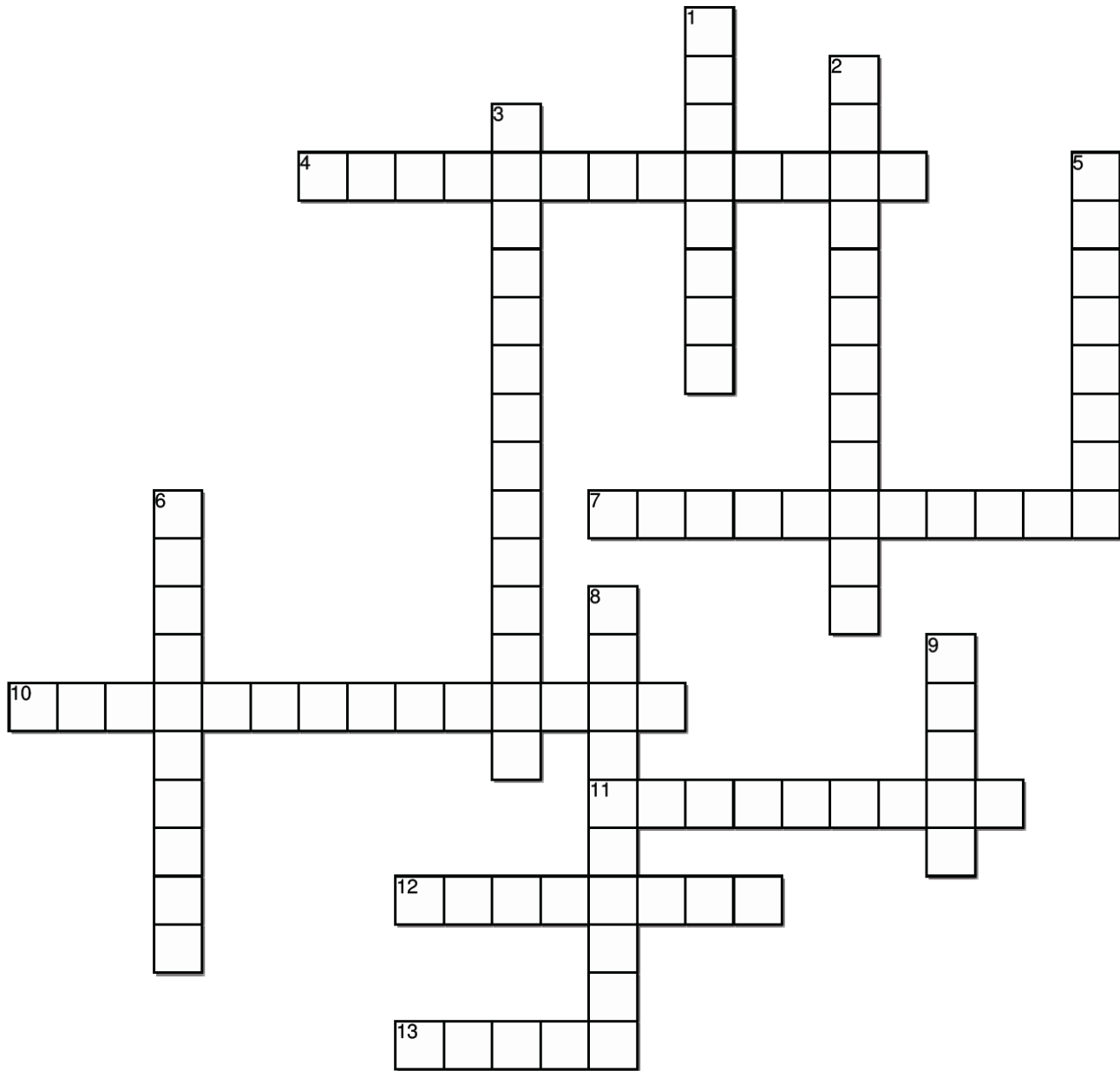
Brenda Hunt with **North Walton County Mosquito Control** reports it has been busy winter. They have upgraded and maintained their ULV spray equipment, updating their ULV spray zones, and they have learning to use a new software program to record the locations of their larvicide sites.

Glenn Pourciau with **Leon County Mosquito Control** has been engaged in the repair and maintenance of equipment, mosquito habitat monitoring and source reduction. Staff is designing and building a hand fogger with the purpose of replacing our aging inventory of Colt foggers in the hopes the replacement hand foggers can be put in service by early spring 2015. They received over 17 inches of rain during the months of November to January 31st.

Ben Brewer with the **South Walton County Mosquito Control District** stated they have had a wet winter. Adult trap collections remain low and there have been a handful of chickens test positive for EEE. All storm drains have been treated with the bi-annual treatment and the storm drains were also mapped using their cell phones and an App utilizing the ArcGIS program. Staff continues to make repairs to damages to the mosquito control ditch System that were caused during the floods last April.

BuzzWords CrossWords

special edition: mosquito genera of the US



Created on TheTeachersCorner.net [Crossword Maker](#)

Across

4. Means 'straight-legged fly' in Latin
7. You-are-an-ohhh-teenie-uuuh....mosquito
10. 'The cannibal mosquito'
11. Means 'useless' in Greek
12. Named in honor of a British physician who (in 1877) discovered that filariasis in humans is transmitted by mosquitoes
13. The best decade ever

Down

1. Hank Williams Sr. might ask '_____ baby left me?'
2. Means 'terrible shellfish consort'
3. Named in honor of Daniel William Coquillett
5. A genus of cold-adapted mosquitoes (7 species in Canada, 2 in Florida)
6. Means 'itch-bearer'
8. Name means 'blood-letter'
9. Latin for 'gnat'

- | | |
|---|---|
| <p>Down</p> <p>1. Wyeomyia</p> <p>2. Deinocerites</p> <p>3. Coquillettia</p> <p>5. Culiseta</p> <p>6. Psorophora</p> <p>8. Haemagogus</p> <p>9. Culex</p> | <p>Across</p> <p>4. Orthopodomyia</p> <p>7. Uranotaenia</p> <p>10. Toxorhynchites</p> <p>11. Anopheles</p> <p>12. Mansonia</p> <p>13. Aedes</p> |
|---|---|

Position announcements

Field Supervisor at SHASTA MOSQUITO AND VECTOR CONTROL DISTRICT (CA)

(URBAN/RURAL) NON-EXEMPT POSITION

Interested parties who meet the qualifications must submit a District application. Resumes alone will not be accepted, but may be included with application. To obtain an application, please visit our website www.shastamosquito.org, look in "About Us."

Submit by e-mail to contact@shastamosquito.org. Please attach the application materials as a Word or PDF file with the classification title, Field Supervisor in the subject line.

SALARY: \$5,563 to \$6,831 a month, plus a benefits package including health insurance, vision coverage, dental insurance and paid vacation.

OPENING DATE: 12/19/2014 CLOSING DATE: until position is filled

General: This is a full-time, non-exempt position, under direction and supervision of the Assistant Manager and in collaboration with the District Manager and supervisory scientific technical staff; the Vector Control Field Supervisor (FS) supervises, directs, and assists the Vector Control Technicians in their daily operational work activities. The FS reports directly to the Assistant Manager.

Duties and Responsibilities:

The examples of functions listed are representative but not necessarily exhaustive. Management is not precluded from assigning other related functions not listed herein if such functions are a logical assignment for the position. Reasonable accommodations may be made to enable an individual with a qualified disability to perform the essential functions of a job, on a case-by-case basis.

Aircraft Mechanic at BREVARD MOSQUITO CONTROL DISTRICT

Job Title: Aircraft Mechanic II Job Type: Full-Time Permanent
Job Close Date: Until Filled Open To: Internal/External Applicants
Department: Natural Resources Management
Organizational Unit: Countywide Mosquito & Aquatic Weed Control

Description: \$17.99 hourly. Actual salary negotiable based on experience and qualifications. During peak mosquito season work hours will vary, to include extended hours and weekends. Work location is North Area/Mosquito Control District. Performs skilled crafts and trades work in the inspection, maintenance and repair of both the rotorcraft and spray systems used in Mosquito Control Operations.

Requirements: Four (4) years of experience demonstrating the ability to maintain and repair rotorcraft with a minimum of one (1) year of AS350 experience. Additional qualifying education and/or experience may be substituted on a year for year basis. SPECIAL REQUIREMENTS: Must possess a valid Federal Aviation Administration airframe and power plant (A & P) rating for a minimum of one (1) year prior to employment. Must obtain an Inspection Authorization (IA), Federal Aviation Regulation 65-95, from the Federal Aviation Administration within one (1) year of employment. Electrical and/or Avionics experience a plus. In the event of a hurricane, major storm, natural or man-made disaster which may threaten the area, the employee will be required to perform emergency duties as directed.

Job Number: 201500979 Typing Test: No
To apply for this position, please go to www.Brevardcounty.us and select the "careers" button

Mosquito Control 800 Perimeter Rd, Titusville, Florida 32780

Position announcements

Assistant Director/Operations Supervisor at EAST FLAGLER MOSQUITO CONTROL DISTRICT

24 Utility Drive, Palm Coast, FL 32137
Tel: 386.445.4135 Fax: 386.446.5104

Commissioners: Julius Kwiatkowski, Chair,
Barbara Sgroi, Vice-Chairman, Shawn Byrnes, Treasurer

Submit applications to Joseph Cash, Director (joecash@bellsouth.net). Closing date: Open until filled. Start date: Within 30 days of employment.

Submission requirements: Letter of Interest that includes your background and experience in mosquito control, any supervisory experience and salary requirements. Current resume. Three references.

Minimum requirements: Bachelor's Degree in Entomology/Biology (minimum) is required as well as three years of comprehensive experience in mosquito control. A Florida Driver's License and a Public Health Pest Control License must be obtained within three months of employment.

Job Description: This is a management position that requires administrative and field work. The Operations Supervisor performs a broad range of duties. Not all of the expectations are listed, but some specifics include: Assigns, supervises and evaluates day to day operations of the ground and aerial mosquito control programs as well as surveillance operations. Assimilates surveillance information to form a daily control plan. Evaluates the effectiveness of control operations. Oversees equipment calibration, label compliance and record keeping. Supervises monthly activity reports required by the Florida Department of Agriculture and the Board of Commissioners. Meets weekly with staff to plan and coordinate activities. Involved in staff training. Must be available for occasional night work and weekends. Must not have any health issues that prevent walking or lifting.

Knowledge, Skills and Abilities:

Effectively communicates scientific information to the public, elected board members, service clubs, local agencies and others interested in the activities of the district. Knowledge of state and federal regulations as applied to mosquito control. Proven effectiveness in working with staff. Experienced using office and graphic software and has a working knowledge of GIS.

Dr. Roxanne Connelly, Editor-in-Chief
Dr. Nathan Burkett-Cadena, Managing
Editor
200 9th Street SE
Vero Beach, FL 32962

UF UNIVERSITY of
FLORIDA

IFAS

Florida Medical Entomology Lab



UF/IFAS/FMEL

NON PROFIT ORG.
U. S. POSTAGE
PAID
WEST PALM BEACH, FL
PERMIT NO. 1946