



Aggregate larvae photographed on Pine Island by Aerial Inspector Robert Hedrick



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2013 Annual Report

Lee County Mosquito Control

District

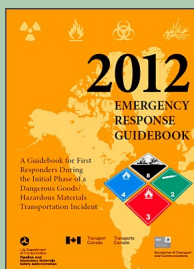
Part II

15191 Homestead Road, Lehigh Acres, FL 33971

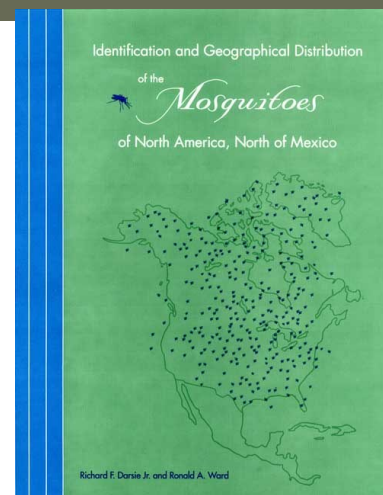
Phone: (239) 694-2174 Fax : (239) 694-6959

Website: <http://www.lcmcd.org>

Employee Training



01/15-17	Aerial Fly-In
01/16	Surveillance and Control of Dengue Vectors
01/28-02/01	Dodd Plenary Classes
02/01	Hazardous Material Spill Response
02/13	Clarke Workshop
02/20	Hazard Communication & GHS Webinar
04/09	First Aid
04/26	Right to Know, Hazardous Communication
04/29	Right to Know, Hazardous Communication
04/30	Right to Know, Hazardous Communication
05/28-31	Flight Training, King Air
06/26	Florida Retirement System
06/26	Right to Know, Hazardous Communication
07/11	Right to Know, Hazardous Communication
07/23	Mosquito Identification
08/06-09	Level V Incident Commander Training
08/13	Record Retention
08/13	Right to Know, Hazardous Communication
08/19	Mosquito Identification
08/21	Welding Safety Webinar
08/22	Standard Operating Procedures for ULV Drivers
09/06	Mosquito Identification
09/24	Florida Retirement System
09/26	Knowledge Transfer, Preparing the Next Generation's Workforce Webinar
10/28	Right to Know, Hazardous Communication
12/10	Right to Know, Hazardous Communication



Incident Command Training

Every employee of the District, from the receptionist to the Director, must obtain and maintain a license in General Standards and Public Health Pest Control through the State of Florida, Department of Agriculture and Consumer Services (FDACS). This insures every District employee has a basic knowledge of pesticides and the biology of mosquitoes. The Director and pilots have additional licensing requirements. To maintain a Public Health Pest Control license each employee must renew their license by earning 16 continuing educational units through classes approved by FDACS within a 4-year period. There are additional mandated training requirements outside of the licensing for pesticide application, such as Right-to-Know and Hazardous Communication. The District strives to have knowledgeable employees that utilize the best management practices for the mosquito control industry.



Media Interviews & Publications



The Education and Communication Department strives to be an available resource for the general public and media.



- 02/11 NBC-2
- 02/11 Fox News
- 02/12 Wink TV
- 03/11 NBC-2, Christina Lusby: story Super-sized mosquitoes coming to Southwest Florida?
- 03/11 Fox News, Kellie Stegeman: story on Dr. Kaufman of UFL report on *Psorophora ciliata*
- 03/12 Wink TV, Rachael Rafanelli: story on Dr. Kaufman of UFL report on *Psorophora ciliata*
- 03/20 WGCU, John Davis: *Psorophora ciliate*
- 03/21 The News-Press, Kevin Lollar: story on *Psorophora ciliate*
- 04/04 NBC-2, story on Agenda Items for Board Meeting
- 04/12 Island Times Magazine, Pat Willman: story on Gallinippers
- 04/23 The News-Press, Kevin Lollar: story on Rain and Upcoming Tides
- 04/24 NBC-2, Christina Lusby story on Rain and Upcoming Tides
- 04/25 NBC-2, Danielle Koleniak: story Perfect combo has Mosquito Control on alert
- 04/25 ABC-9, Joe Roetz, story Mosquito Control trying to prevent outbreak
- 04/25 WGCU Radio, Valerie Alker, story on Beginning of Mosquito Season and Year Around Mosquito Work
- 04/29 NBC-2, story on Trapping Mosquitoes
- 05/03 Fox News, Colleen Hogan: story on What Homeowners Can Do to Prevent Growing Their Own Mosquitoes
- 05/09 Fox News: Colleen Hogan: story on Helicopters Working This Weekend
- 06/07 Fox News: story on Rain and Tides from Week Before
- 06/11 Today Show
- 06/11 Weather Channel
- 06/12 The News-Press, Kevin Lollar: story on effects of Tropical Storm Andrea on mosquitoes
- 06/13 Naples Daily News, Ryan Mills: story on Heavy Rains Creating Mosquito Breeding Areas
- 06/14 Cape Coral Breeze : story on Gallinippers
- 06/19 WGCU Radio, John Davis: Gulf Coast Live call in program for mosquito control questions
- 06/23 WGCU Radio, John Davis: Replay of Call in Show for Mosquito Control Questions
- 07/02 NBC-2: Lauren DiSpirto: story Experts: Be ready for more mosquitoes
- 07/02 Wink: Mike Walters: story on Mosquitoes and July 4 Activities
- 07/02 The News-Press, Kevin Lollar: story on Mosquito Control Preparations for July 4
- 07/02 Fox News, Gabrielle Sarann: story on Mosquito Control Efforts for July 4
- 07/03 Naples Daily News, Dave Osborn: story on How Rain is Hampering Mosquito Control Efforts
- 07/08 NBC-2, Lauren DiSpirto: story on How Mosquito Traps Direct Treatment Plans
- 07/09 Wink TV: story on Follow Up on Mosquito Efforts
- 07/12 Cape Coral Breeze, Tiffany Repecki: story on Rainfall and Mosquitoes
- 07/16 NBC-2, Alex de Armas: story West Nile still a threat in SWFL
- 07/30 Naples Daily News, Tracy X. Miguel-Navarro: story on Remnants of Tropical Storm Dorian Impact on Mosquitoes
- 08/12 The News-Press, Kevin Lollar
- 08/16 Naples Daily News and Multiple Newspapers, Seth Bornstein, Associated Press: story on July's Mosquito Populations
- 08/21 The Washington Post and numerous papers using the Associated Press : story on Increased Mosquito Populations
- 08/21 NBC-2, Hollie Hojek: story on the Use of Drones in Mosquito Control
- 08/29 NBC-2, Christina Lishby
- 09/05 NBC-2, Hollie Hojek: story Standing water from Isaac perfect for mosquitoes
- 09/12 NBC-2, Charlie Keegan: story Rain equals less mosquitoes, local experts say
- 09/17 Naples Daily News, Jenna Buzzacco-Forester: story on Mosquito Control Season
- 09/19 Fox 13 News—Tampa, Lloyd Sowers: Story on Use of Drones in Mosquito Control
- 09/19 The News-Press, Kevin Lollar: story on So Much Water So Why Aren't We Seeing More Mosquitoes
- 09/25 The Boca Beacon, Jack Short: story on Mosquito Control in Boca Grande
- 11/04 NBC-2, Peter Bush: story on Mosquitoes

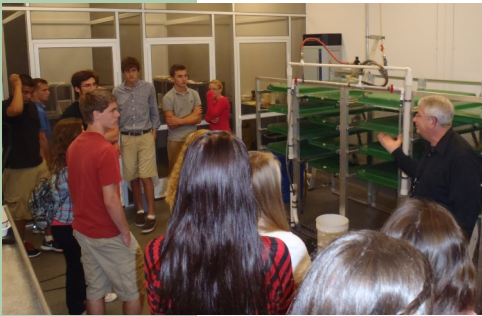


Tours & Presentations

The District provided over tours and or presentations during 2013, with many individual tours not listed.



Discovery Days



SWFL Junior Leadership

- 01/11 Tortuga Elementary History Project Group
- 01/18 The Wall, static display
- 01/24 FL DACS, AES Tour
- 01/29 Warner Family
- 01/30 Representative Dane Eagle
- 01/31 Representative Heather Fitzenhagen
- 02/01 Representative Ray Rodrigues
- 02/07 AMCA Education Day
- 02/11 Cypress Lake High School
- 02/18 Discovery Days
- 02/21 LAAS International Tour
- 02/24 Science Fair and Displays
- 03/06 Three Oaks Middle School, Rotary Kids
- 03/12 20/20 Lands
- 03/19 Harn's Marsh Career Days
- 03/22 FL Fresh Fruits & Vegetable, Spring Regulatory Tour
- 03/24 Discovery Days
- 04/06 Estero Buddies
- 04/12 Florida Gulf Coast University Interns
- 04/19 Florida Gulf Coast University Interns
- 04/23 NW Regional Library
- 04/25 Edison Park Homeowners' Association Meeting
- 05/20 Sunshine Elementary
- 05/30 Fort Worth Water Control District
- 06/07 Rotary Club of Fort Myers
- 07/22 Family of Faith
- 07/24 Pine Island Library
- 07/25 Insect Investigations, Imaginarium Summer Camp
- 07/30 Chamber of SWFL Junior Leadership Class
- 07/31 SWFL Regional Planning Council Interns
- 09/07 Sanborn Park, Static Display
- 09/13 Evangelical Christian School Community Helper Day
- 09/13 Trinity River Water Authority
- 09/27 SW Florida Christian Academy Community Helper Day
- 10/24 Leadership Cape Coral
- 11/02 Aviation Days
- 11/14 Timm's Family Tour
- 11/15 Sanibel Community House
- 11/20 Florida Mosquito Control Association
- 11/23 Charlotte Harbor Nature Festival
- 12/21 Super Science Saturday, Imaginarium



Family of Faith Summer Camp



Service Requests

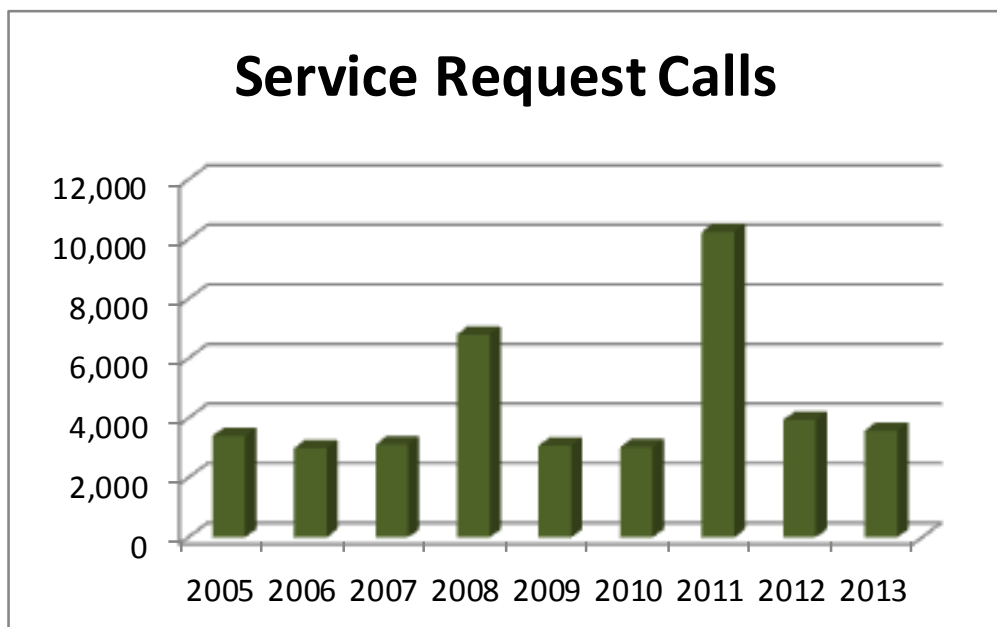


Service Requests by Month

Month	2005	2006	2007	2008	2009	2010	2011	2012	2013
January	76	54	52	27	24	7	8	42	65
February	41	16	6	46	7	9	78	40	29
March	189	35	13	92	9	219	72	59	32
April	135	23	26	528	55	312	546	370	72
May	183	31	144	943	155	180	1695	879	130
June	1033	116	829	812	793	238	2309	656	663
July	517	1340	594	2174	838	586	3024	584	1788
August	245	664	601	1885	528	562	1317	335	296
September	86	556	408	143	428	561	385	554	180
October	250	97	381	87	114	230	390	281	164
November	581	48	40	50	62	123	318	70	89
December	71	18	21	29	69	6	115	71	78
Total	3,407	2,998	3,115	6,816	3,082	3,033	10,257	3,941	3,586

The central life line for the District is communications. All calls are answered by a live person. If a service request comes in outside of regular working hours, an answering service will take the request. When residents call to report a mosquito problem, the receptionist logs the caller's name, phone number, whether the individual has a dog on the property and address. Once the call is logged, the request will be sent to an inspector to evaluate the severity of the problem. Service requests can also be logged any day and any time using the District website: www.lcmcd.org and clicking on Make a Service Request. The individual using this site to report a mosquito problem is prompted to give an email address, name, address, phone number, whether the individual has a dog on the property and any details the requester would like to report. Information on dog ownership is asked in order to protect our staff responding to the service request. The total number of service calls for 2013 was below average based on the last 18 years. Some months in 2013 were much busier than others. Since 1997, there have only been 4 other July's to generate more calls than July 2013.

Service Request Calls



Lee County
Schools
Environmental
Resource
Teachers



Aquatic Systems/Mosquito Education

Aquatic Systems/Mosquito Education



Eric Jackson
Brian Murphy



Florida Gulf Coast
University
Instructor

Neil Wilkinson



Mission Statement

To enhance the scientific and environmental literacy of the younger citizens of Lee County to augment their lifetime understanding of the science related to mosquito control.

The Lee County Mosquito Control District takes great pride in an educational program designed to teach our school age children about mosquitoes and the role that mosquito control plays in the local community. Our classroom programs are conducted in collaboration with classroom teachers. Programs are designed for grades five, seven, and high school chemistry and biology classes and support Florida's Sunshine State Standards in a variety of areas. Films, readings, Powerpoint programs, discussions, art activities and lab experiences are utilized to teach the objectives of each five-day unit. These hands-on learning experiences are being offered county-wide to public and private schools. Students learn to identify different kinds of mosquitoes, their habitats and life cycles, and are familiarized with the techniques currently being used to control mosquitoes. Our public school outreach program reached approximately 10,000 students in over 350 classes for grade five, seventh grade science, and high school biology and chemistry classes. Each class participated in a week-long (5 periods) environmental science interdisciplinary unit relating the biology and ecology of mosquitoes to their disease carrying behavior and resulting human impacts and responses. In addition, instructors are active with local, state and national committees devoted to mosquito control and environmental education.



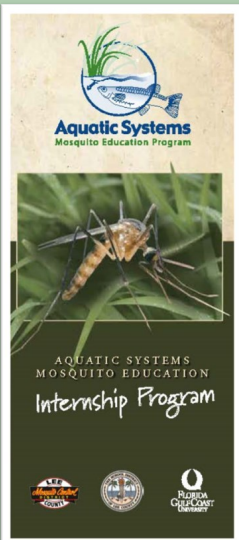
Year	Kindergarten	Elementary	Middle	High School	Total
2004-05		112	31	53	196
2005-06		114	36	56	206
2006-07		168	76	64	308
2007-08		185	62	127	374
2008-09		216	75	91	382
2009-10		173	75	75	323
2010-11	140	174	82	123	519
2011-12	176	176	57	155	564
2012-13	178	221	98	135	632



Florida Gulf Coast University Intern Program

Aquatic Systems/Mosquito Education

The Aquatic Systems/Mosquito Education (AS/ME) intern program was initiated at FGCU in 2008. The District has continued to support this valuable program. Students are able to earn Service Learning hours needed for FGCU graduation. The interns assist with classroom teaching, maintaining equipment, collecting specimens for lab work, production of materials for student use and public outreach. Interns play a critical role in the Kindergarten curriculum offered. This year, the program sponsored 2 graduate assistants, 2 undergraduate interns, 8 mosquito education interns, 2 mosquito lead education interns, and 25 Kindergarten mosquito program interns. This has provided over 1200 intern hours working toward mosquito education in Lee County.

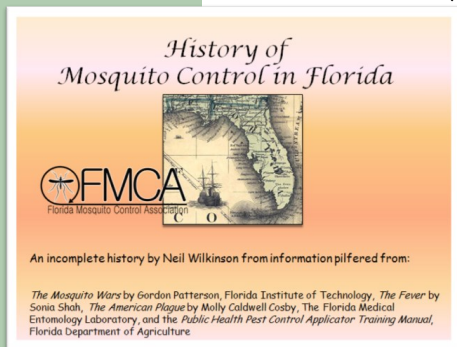


Preparing materials for classes

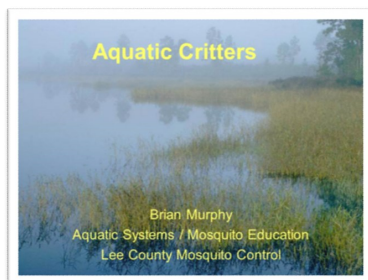
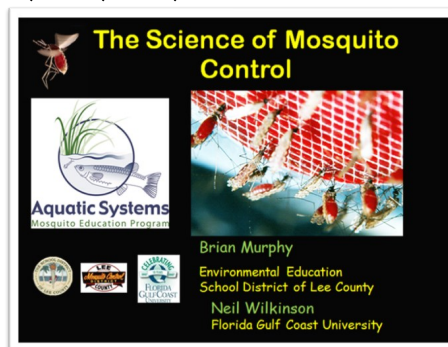
Kindergarten Mosquito Program



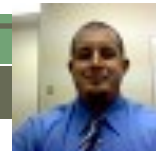
The Kindergarten Mosquito Program was presented to 25 elementary schools with 178 classrooms participating which equates to 3024 students up from the 1,700 kindergarten students taught last year.



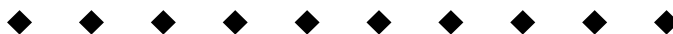
Mosquitoes - Biology & Ecology



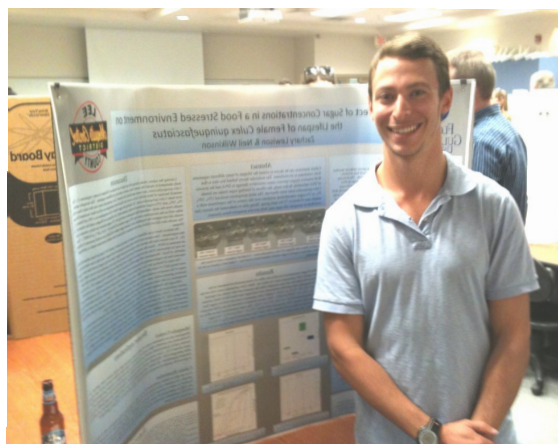
In addition to creating classroom curriculum for Lee County Schools and FGCU classes, all three instructors with Aquatic Systems created many presentations for educating mosquito control employees, students, educators, and the general public.



One intern, Nicholas Bohn, Created a promotional video explaining the goals, process, and positive outcomes of the Aquatic Systems Mosquito Education program administered in Lee County, FL by Lee County Mosquito Control District, The School District of Lee County, and Florida Gulf Coast University. All production, videography, and editing were done by Nicholas Bohn. The video was published on June 10, 2013 and made available through You Tube Videos at:
https://www.youtube.com/watch?v=MaG_uCVqgGA

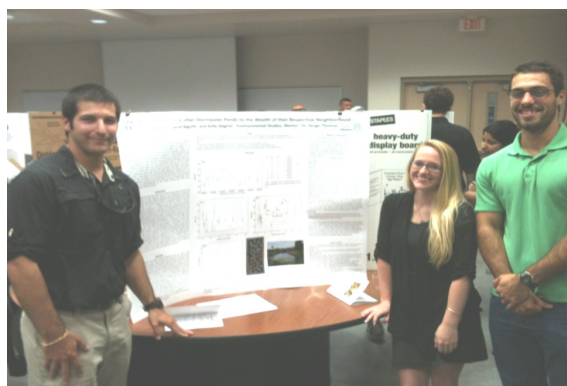


Florida Gulf Coast University presented their research projects at the Annual Internship Symposium. Neil Wikinson and Ernesto Lasso de la Vega supervised and aided students throughout this process.



Zachary Lewison presented:
Effect of Sugar Concentration in a Food Stressed Environment on Lifespan of Female *Culex quinquefasciatus*.

Ethan Baldino, Darrel Bagiotti and Kelly Siegrist presented:
Linking the Health of 16 Urban Stormwater Ponds to the Wealth of their Respective Neighborhood



Milestones

Milestones

**Five
Years
of
Service**



Commissioner Melissa Dortch and Executive Director T. Wayne Gale presented employees with their "Years in Service Awards" on December 20, 2013.

Rodney Wolford



**Ten
Years
of
Service**



Cesar Bacares, Commissioner Dortch, Lisa Hunt, and Paul Morgan

Lee Reed



Milestones

Milestones

**Fifteen
Years
of
Service**



Donald Claytor Jr.,
Commissioner Dortch
and Kevin Watts
(Hyacinth Control)



Commissioner
Thomas Hart



**Twenty
Years of
Service**



Johnnie Jeter and Keith Andreu (Hyacinth Control)



Milestones Milestones

**Twenty
Five
Years
of
Service**



Commissioner Dortch and Scott Johnson



**Thirty
Years of
Service**



Dr. Jonathan Hornby and Commissioner Dortch



Milestones

New Employees



Russell T. Baker started work for District on June 17, 2013. Russ was hired to learn and assume Vivian Jones' position as Deputy Director of Administration and Chief Financial Officer when she retires in 2014.



Scott M. Shanks started work for the District on October 22, 2013. Scott was hired to fill an open Transport Operator position.



**Retired
Employees**

Milestones
Milestones

Darryl Petrey



Darryl Petrey started work for Lee County Mosquito Control District in October 1990. Darryl started as a car washer and worked his way up to grounds maintenance technician under the supervision of William Vasquez. Darryl retired from the District on January 31, 2013 after 22 years of service. We all wish Darryl the best.



2013 Aerial Fly In

Noteworthy Events

Spray testing of the U.S. Airforce C130 Hercules tactical cargo transport aircraft equipped with a Modular Aerial Spray Systems (MASS)



Photo by Peter Connelly

The classes for the Aerial Fly-In were a huge success. Shelly Redovan's team registered 180 students; seven (7) US Air Force Instructors and seven (7) vendors for this event. The Department of Defense held their DoD certification classes here, plus their personnel attended our classes and on the final morning, they were given their certification test. Our attendees came from all over the USA and three (3) foreign countries: Washington, California, North Dakota, Louisiana, Texas, Illinois, South Carolina, Maryland, Minnesota, Kansas, New York, Arkansas, Georgia, Alabama, Virginia, Florida, Delaware and Ontario, Canada, Queensland Australia and the United Kingdom. Mark Latham, Director of Manatee County Mosquito Control District, put together the entire schedule. Mark Breidenbaugh and Karl Haagsma coordinated the DoD component of the program.



Left: Droplet testing using slides on spinners.

Right: Citizen Airmen from the Air Force Reserve's 910th Airlift Wing highly-specialized Aerial Spray unit are involved in the Department of Defense's Aerial Spray Course at the Florida Mosquito Control Associations Aerial Fly-In held at the District.



U.S. Air Force Reserve Capt. Jonathan Blackann and U.S. Air Force Sr. Airman Thomas Davis work on an aerial spray mapping exercise together.



Photos by Youngstown ARS Public

http://www.afrc.af.mil/news/story_print.asp?id=123332620



MRF Welcomes Two New Board Members: T. Wayne Gale and James F. Clauson

Mr. T. Wayne Gale grew up around the farm and pest control industry where his father was a farm manager and chemical sales representative in Florida. He worked as a pest-control technician while majoring in entomology at the University of Florida and graduated with a MS degree in 1977. While in school he became more interested in the public health and veterinary aspects of entomology and that interest was furthered during his 21 years of service in the Navy Medical Service Corps as a Navy medical entomologist. Mr. Gale feels very fortunate to continue his career in pest and vector control since leaving the Navy.

Upon retirement from the Navy, he moved back to Florida to serve as the Florida Department of Agriculture and Consumer Services Mosquito Control Administrator. Mr. Gale was later selected to be the Chief of the Bureau of Entomology and Pest Control and was responsible for regulating commercial pest control and mosquito control state-wide. In 2004, he moved to Ft. Myers to become the Operations Manager for Lee County Mosquito Control District and was appointed as the Executive Director of Lee County Mosquito and Hyacinth Control Districts in 2007.

Mr. Gale believes mosquito control is a very dynamic and rewarding endeavor that requires constant improvement and innovation to keep ahead of the ever changing environmental regulations and control challenges.



MOSQUITO
RESEARCH FOUNDATION
Science. Progress. Health.

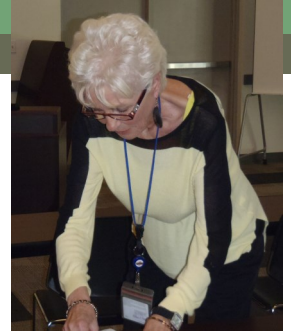


Noteworthy Events

United Way



Pat Ferrara prepares paperwork for drive



LCMCD became a Pacesetter for United Way

On Oct. 3, LCMCD held it's annual United Way Drive. The District has participated in the United Way Drive for over 50 years. Executive Director, T. Wayne Gale, opened our meeting with an explanation of a PaceSetter group and stressed this was an opportunity for everyone to give back to the community. Our speaker, Ms. Kay Timms of the Abuse/Counseling Treatment Center explained the many ways her department can help a broken family through support from United Way. The District had a 63% participation rate and raised \$9,719.32.



This year a story on a monster mosquito went viral. It was described as "One of the most ferocious insects you've ever heard of; the size of a quarter and with a painful bite compared to being knifed." The national and local news picked up on the story and reported on the large mosquito, *Psorophora ciliata*, commonly called the Gallinipper. Exaggerated descriptions call it a Gallinipper due to it being a very large mosquito that could take a gallon of blood when she nipped you. In truth, you might feel stabbed if you were stung by a red velvet ant or a scorpion, but hardly from a *Psorophora* mosquito. They are larger than most mosquitoes, but their bite is no worse than other mosquitoes and compared to other insects such as deer flies, they are gentle.

It all started with Tom Nordlie, who handles IFAS News at the UF main campus building. Nordlie is a graduate student of Dr. Kaufman, an entomologist and associate professor with the University of Florida's Institute of Food and Agricultural Sciences. Nordlie put together a document called 'Featured Creatures,' and it was one of many documents on insect species. One of featured creatures was *Psorophora ciliata*.

The media often wants to know what type of mosquito season can be expected each summer. The truthful, less exciting answer is always, it depends. Mosquito populations are driven by water so it depends on rainfall and with some mosquito species, tidal activity. 2012 was a rainy year from central Florida and there was heavier than usual production of *Psorophora ciliata* mosquitoes. Dr. Kaufman said with continued rainfall there could be a repeat of increased mosquito production. With that information, local, state and national news wanted information on how the District would respond to this new threat. The local media who understand mosquitoes better than those outside southwest Florida, were good to provide balanced information to prevent people from panicking or believing internet fiction.



Psorophora cilita next to *Aedes taeniorhynchus*, a small to medium sized salt marsh mosquito



Noteworthy Events

Aviation Update



Airplanes and helicopters have been around a long time. In fact, it has been said that there are no new types of accidents just new people making the same mistakes. District staff continue to work to make our work even safer. The District has added night vision goggles, reflective tower tape and GPS to make aerial flight as safe as possible. To those outside the aviation industry, you would think that seeing a tower while flying at low altitude would be easy, but the fact is that when you are flying low, such as needed for mosquito control treatments, even if the towers that have lights are working, towers lights tend to blend into the sea of lights around the county.

Jim McKeever and Gene Sutton, District pilots, working closely with the folks at AgNav have devised a way to warn the pilots of a potential collision with an obstacle. With this new program, the Guia looks forward, in the direction of the flight and warns the crew 45 seconds in advance of a possible obstruction in the way. This first warning is a red circle that draws attention to the possible obstruction. The circle varies in size depending on the speed of the aircraft. If an evasive maneuver is not initiated, the entire heads up display begins to flash until the pilot alters the course sufficient to avoid the possible collision. This new program, written in part by Jim, has now been flight tested and is ready to go to work, adding yet another safety feature. This is a clear example of an employee having a vision for increasing safety and doing something about it.



In August, the District bought a used 1974 Beechcraft King Air C90 twin turboprop. The plane will be outfitted with exterior spray pods. It should be available for spray work in 2014.



**J.N. Ding
Darling
National
Wildlife
Refuge**



New Intern Housing

Student interns are an integral part of the "Ding" Darling conservation team, especially now since the government has placed a freeze on refuge hiring. As one of the crown jewels of the National Refuge System, the Refuge draws students and recent graduates from around the country to vie for internship positions in biology, public use, and environmental education. The interns are seeking experiences to apply their knowledge in the real world and help shape them as future conservation stewards.

It's a win-win for both the interns and the Refuge: Interns provide the help needed in biological research and educational programs; they also bring a young vision and outlook, all resulting in a dynamic team with fresh new ideas.

Over the years, DDWS has provided the funds to help with the costs of intern salaries and housing. Affectionately called "the gated community," intern housing lies within Refuge grounds and consists of a montage of trailers acquired from various sources. Most were donated and some purchased from FEMA after Hurricane Charley.

Before his death late last year, volunteer Tim Gardner approached the Lee County Mosquito Control District about modular units they had used as offices before constructing a new building. He asked if they would be willing to donate a unit for student housing at "Ding."

The answer was a resounding "yes." The Lee County School System helped develop a site plan and organize the transport and set up at the Refuge. The offices are now intern dorms with room to sleep four interns.

"Ding" Darling Wildlife Society Newsletter , June 6, 2013



**Paul Sanborn
Park
Dedication**

September 7th, Lee County Mosquito/Hyacinth Control Districts were honored to participate in the 90th Birthday Party & Dedication of the Paul Sanborn Park in Cape Coral. Paul Sanborn was one of our Commissioners who served our districts for a little over 20 years. Paul is also the official Historian for Cape Coral as he served at GAC, the Rosen Brothers, who built Cape Coral. Pictured with him is T. Wayne Miller, our former Executive Director.



Paul Sanborn thanked our Executive Director, T. Wayne Gale, for our participation in this historic event. Our pilots, Lee Reed and Mike Vigus flew in a helicopter and answered questions for the huge turnout of guests at this dedication, which was sponsored by Cape Coral Rotary and Cape Coral Kiwanis.



FMCA Annual Meeting



The 85th Annual Meeting of the Florida Mosquito Control Association (FMCA) was held November 17–20, 2013, at the Westin Resort at the Marina Village. As President Elect, Neil Wilkinson was the program chair. Neil put together an excellent program. The session began with a welcome from Representative Dane Eagle. There were two keynote speakers. Dr. Scott Michael, Professor of Biology, Florida Gulf Coast University, presented, A brief history of dengue virus and Dr. Sharon Isern, Professor of Biology, Florida Gulf Coast University, presented, Advances in dengue research.

Executive Director, T. Wayne Gale gave a presentation—Overview of the Lee County Mosquito Control District. Katie Heggemeier’s presented, Larvicide pretreatment for spring tide brood. Courtney Dwyer-Satkoski, Instructor at Florida Gulf Coast University and District employee Eric Jackson presented Integrating collaborative service-learning opportunities in mosquito control districts.

On Wednesday morning at the FMCA Business Meeting, the new slate of officers were elected. Neil Wilkinson accepted the election to President of the FMCA and James Burgess accepted the SW Regional Representative Board position.



Noteworthy Events

Neil Wilkinson,
President Elect and Program Chair



Dr. Scott Michael



Dr. Sharon Isern



Noteworthy Events



FMCA Awards



James Burgess Recipient of the 2013 Merit Award

Executive Director T. Wayne Gale
and James Burgess



The Florida Mosquito Control Association (FMCA) Merit Award was presented to James Burgess at the 2013 Annual Meeting. The FMCA Merit Award (established 1997) recognizes outstanding individual contributions in promoting control of disease-transmitting and pestiferous mosquitoes or other arthropods of public health importance, for scientific advancement of the discipline, or for developing or extending the public interest in the control of such mosquitoes or other arthropods. The candidate should represent those characteristics generally associated with responsible leadership, good citizenship and personal integrity. The candidate should be an FMCA member and have made significant contributions to the Association. E.D. T. Wayne Gale was asked to give this award to James Burgess.

Below is a summary of why James (Jim) Burgess was given this award by FMCA:

- ◆ Jim has served as a resource to anyone interested in arbovirus surveillance from the time he took a permanent position at Lee County Mosquito Control District in the seventies to the present. Jim has also shared information on surveillance in general.
- ◆ During his career, Jim has mastered rearing chickens, trapping, and information on arboviruses. Jim has used that knowledge to help many programs through-out the state. He has done this through one-on-one assistance, providing chickens to mosquito programs that have run out of chickens during a mosquito borne disease outbreak, and helping with guidance on how to keep chickens healthy.
- ◆ Jim has presented many papers and demonstrations during his career on arbovirus surveillance, general surveillance and time trapping results at numerous local, state and national meetings, including AMCA and FMCA. Many will remember the AMCA field sessions where Jim taught how to bleed chickens using live chickens. Jim has also faithfully taught arbovirus surveillance and how to maintain chicken flocks at the Dodd short courses for over a decade.

Jim has served FMCA in many capacities.

- ◆ Jim has served on the FMCA Arbovirus Surveillance committee for many years and served as the chair of the committee from 1999 – 2010. Jim created the e-blast list for all individuals interested in mosquito borne disease information. Jim continues to keep anyone interested in arbovirus activity up to date on state, national and international arbovirus activity and research. Jim has served on the Arbovirus Partners group, a group that gets together on conference calls to keep the mosquito control and health departments informed of mosquito borne disease activity, communication and leadership in improving the partnership of mosquito borne disease prevention.
- ◆ Jim has served as the FMCA exhibits chair from 1999 to 2012. In 1998, Jim was an Exhibit Committee member. Exhibits Chair, Eric Hansen became too ill to attend the Fall Meeting. There was only one other member on committee, Clarke Hudson. There was some controversy on having one vendor chair the Exhibits committee which could potentially give favor to some vendors over others, so Jim volunteered to serve as exhibit chair. Many of the years were challenging, such as when the Executive Director forgot to insure the exhibit space was adequate for displays and finding rooms smaller than maps indicated. Jim managed to try and keep the peace and work with whatever conditions were thrown at him.
- ◆ Jim is currently serving on the FMCA Board of Directors as the Southwest Representative. Jim has revised reporting on activity in the Southwest region to Buzz Words and emailing information directly to the membership of the Southwest region.



Noteworthy Events

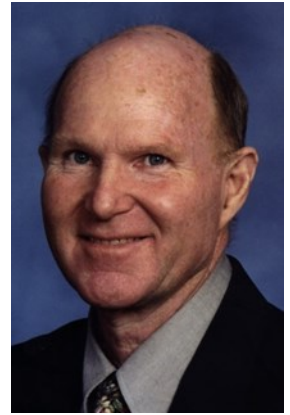


FMCA Awards

**Gene Sutton
Recipient of 2013 James W. Robinson Award**

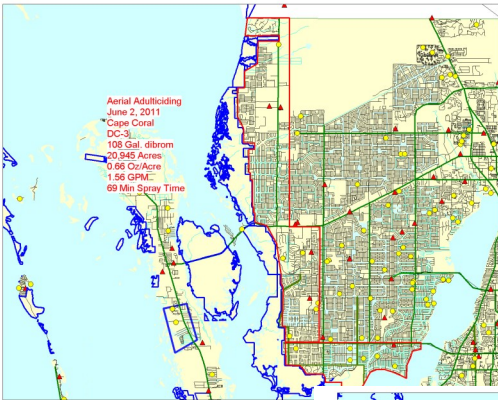
The Florida Mosquito Control Association (FMCA) James W. Robinson Memorial Award was presented to Gene Sutton at the 2013 Annual Meeting. Executive Director Wayne Gale was asked to present this award.

The James W. Robinson Memorial Award was established in 2005 as a memorial to Jim Robinson, Director of the Pasco County Mosquito Control District, who was renowned for his innovative development of new equipment and adoption of new technologies. This award recognizes innovation and ingenuity in optimizing the safe and efficient operations of Florida public health pest control programs. The candidate must have contributed an outstanding improvement to existing equipment or currently employed techniques used by a non-commercial mosquito control related agency. This advancement may not be proprietary in nature, and must be freely shared with the Florida Mosquito Control Association.



James Robinson

Gene has been a prolific inventor and refiner of aerial mosquito control techniques and equipment.



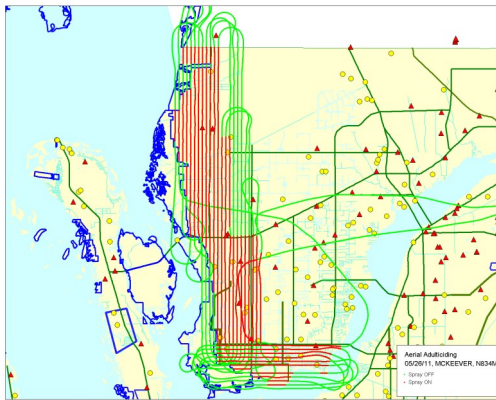
Development of spray polygons and computer assisted control of spray switch.



Executive Director T. Wayne Gale and Gene Sutton

Pre-treatment map

Post-treatment map



Taping Towers



Navigation Systems

