Message From The President

“Born, May, 1912, and cast aside as not wanted. The reason – it missed the county budget. Must wait one year. The Commission, while disappointed, was not discouraged.

In 1913 the County Freeholders disclosed that the appropriation was included in the county budget but the money would not be available until late in the year. The Commission decided the work must be started and in May borrowed from the bank sufficient funds to carry on control work until the county money became available. The borrowed money was secured by notes endorsed by the members of the Commission.

Dr. William Edgar Darnall was president; Dr. William M. Polard, vice-president; Dr. Edward Guion, secretary-treasurer; Dr. Clyde M. Fish; Dr. Clarence Garrabrant and Mr. A. J. Rider, the South Jersey Cranberry King, members.

The Commission was fortunate in securing as Chief Inspector Mr. Harold Eaton. Mr. Eaton had served two years in the State and four years in Panama under the late General Gorgas and Major Le Prince. Mr. Eaton selected a staff, of which the writer was one, and started work on June 3, 1913.” As written by Fred A. Reiley, “History of the Atlantic County Mosquito Extermination Commission”, 33rd Annual meeting of the NJMEA.

Harold Eaton designed and built the “Eaton Plow”, a mechanical device for ditching the salt marsh. He left the Commission in 1916 and went into contracting. Fred Reiley became the Chief inspector and eventually the first Commission Superintendent. Fred was famous for his work in salt marsh water management, designed and built the much improved “Reiley Ditcher”, along with other ditching and ditch cleaning machines used up and down the eastern seaboard. Fred retired as Superintendent from the Atlantic County Mosquito Extermination Commission a few short months after the 50th Annual Meeting (1963) of the New Jersey Mosquito Extermination Association (a meeting held jointly with the AMCA), in Haddon Hall, Atlantic City.
Thank you for allowing me a chance to share just a small bit of the history of mosquito control in Atlantic County. It seems appropriate to be thinking history as we approach the 100th anniversary celebration of the New Jersey Mosquito Control Association! The source of that little bit of history are early issues of the New Jersey Mosquito Control Association Proceedings, which go back to our beginning. Much of the New Jersey mosquito story is captured in these Proceedings, dating back to 1914.

It’s amazing to me how much of our history is available for all to see and learn from. Our Annual Meetings and the Proceedings that result from those Meetings contain much of the history of the mosquito control agency where you work, the NJ Agriculture Experiment Station, the NJ State Mosquito Commission and the Office of Mosquito Control Coordination. Knowing some of our history, the battles we continue to fight and some of our victories not only helps us to understand the importance of the work we do, but also the uniqueness of our profession.

Dr. L.O. Howard, Chief Entomologist, Bureau of Entomology, USDA, at our Annual Meeting in 1923 said, “I came here to learn not to teach. I consider that the bound volume of the NJMEA Proceedings for 1914 to 1920 is the most valuable book on the subject of mosquito control that exist.”

My main goal as President of the NJMCA going in to 2013, is to insure we have a quality proceedings coming out of the AMCA 2013 meetings. A Proceedings strong with New Jersey based operational, research oriented, historical, and educational presentations. This Proceedings will reflect where we are after 100 years of organized mosquito control. A Proceedings that reflects well on the first 100 years of mosquito control in New Jersey, and one that blazes a wide trail for leadership in modern, high quality mosquito control ahead.

Of course to do this we need content, we need presentations that describe where we are now. I’m asking you to consider participating in this by preparing talks, either individually or with others, covering what is currently being done in water management, public education, aerial application activities, bio-control, disease activity, regulations and organization, both larval and adult surveillance, local mosquito biology, and pesticide application technologies, just to name a few possible topics, and possibly some background on how we’ve arrived to this point. Once published in the Proceedings of the 100th Annual Meeting of the NJMCA, this will be the permanent record of what we've achieved in our first 100 years.

Again, as reported in an Annual Meeting in 1954, Dr. Bishopp, L.O. Howard’s replacement, reporting on world-wide mosquito conditions said, “During a period of 40 years the New Jersey Mosquito Extermination Association has performed a great service to the people of New Jersey, and has been a stimulating and stabilizing influence in this country and in other parts of the world.” Let it be known that after 100 years what we do in New Jersey continues to have a strong influence on mosquito control around the world. We are made up of groups of individuals that are on the leading edge of water management, both coastal and freshwater; a group of individuals that have been doing ground breaking research on Aedes albopictus, involving strides forward in understanding it’s biology, public education along with advances in larval and adult control methods.
One final historical note, in wrapping up one of his talks at the 50th annual meeting of the NJMEA, Jessie B. Leslie said, “Another 50 years? Who knows, but cheer up, they say the first 100 years are always the hardest.”

We are about to celebrate that second 50 years, and I’m willing to say, the NJMCA continues to serve the residents of NJ well, and continues to play a significant role in the progress of mosquito control around the world!

Ary Farajollahi, as past NJMCA President, and others, laid a strong ground work for our 100th celebration and Annual Meeting with the AMCA in 2013. We have considerable work ahead to keep up that momentum, but I think we’ll do well considering the individuals that make up this organization.

Thank you!

Have a great season ahead.

Bill Reinert, President
New Jersey Mosquito Control Association, Inc.
2012 NJMCA Award Recipients

25 Year Service Roll
John Rigolizzo – Camden County Mosquito Commission
Michael Mathis- Ocean County Mosquito Commission

Achievement Award
Kenneth Armstrong – Morris County Mosquito Commission

Outstanding Mosquito Control Worker Award
Sean Devaney, Senior Inspector – Union County Bureau of Mosquito Control
Tony Acquaviva, Biologist/Entomologist- Monmouth County Mosquito Commission
Anthony Hall, Inspector - Salem County Mosquito Control

A.R. “Bunnie” Hajek, NJMCA Award
Bruce Wolf and Patricia Bryant – New Jersey Division of Health and Senior Services

Mr. Wolf and Ms. Bryant were honored for their hard work and dedication to testing mosquito samples provided by county mosquito control agencies for West Nile Virus and other mosquito borne diseases. These two individuals have provided clear guidelines for mosquito testing; have been responsive to communication from the mosquito control community and successfully transitioned to a new lab facility with no interruption to mosquito testing services.

Presidential Citation
Henry Rupp – NJMCA Proceedings Editor.
Presented by President Ary Farajollahi for exemplary service and contributions to the New Jersey mosquito control community and for his exceptional editorial work on the NJMCA Proceedings.

NJMCA 2012 Resolutions

Resolution #2012-1 – Resolution Honoring the 100th Year Milestone of Essex County’s Mosquito Control Program

Resolution #2012-2 – Resolution Honoring the 100th Year Milestone of Union County Mosquito Control Program

Resolution #2012-3 – Resolution Honoring Health Director John Beckley’s Key Role in the Formation of the Hunterdon County Mosquito Control Program

Resolution #2012-4 – Resolution Honoring the Late Wilbur Roseboro

Resolution #2012-5 – Resolution Honoring the Late Norman Tomasello

Resolution #2012-6 – Resolution Honoring Fred Griffin Jr.

Resolution #2012-7 – Resolution Honoring Dennis J. Mahoney

Resolution #2012-8 – Resolution Congratulating All Retirees for Their Success and Contributions in the Mosquito Control Profession

Resolution #2012-9 – Resolution Expressing Appreciation to All Participants of the 99th Annual Meeting of the New Jersey Mosquito Control Association

Resolution #2012-10- Resolution Honoring the Mosquito Control Law of 1912
In Memoriam—Fred Ferrigno

Fred was a wildlife biologist for the State of New Jersey, he was well respected on a national level. He is one of the primary developers of Open Marsh Water Management, one that I learned a great deal about salt marsh ecology and OMWM from, and was a long time commissioner on the Cape May County Mosquito Commission. Fred was a recipient of the Associated Executives of Mosquito Control Workers’ Jesse B. Leslie Award in 1990. He’s been very ill for some time, and may he now rest in peace. –Bill Reinert

Ferrigno, Frederick Matthew (April 4, 2012), Ferrigno, Frederick Matthew 84 of Palermo, NJ passed away on Wednesday, April 4, 2012 at his home, surrounded by his loving family. Born in Red Bank, NJ, he had been an area resident for over 50 years. He was an honorably discharged Veteran of the United States Navy and retired from the State of New Jersey after 46 years. Friends may call Wednesday morning from half past eight o’clock until half past ten o’clock at The Godfrey Funeral Home of Palermo, 644 South Shore Road, Palermo, NJ, followed by a Mass of Christian Burial at 11 o’clock from the Church of the Resurrection, 200 West Tuckahoe Road, Marmora, NJ. Burial will follow in Holy Cross Cemetery, Mays Landing, NJ. To email condolences, visit www.godfreyfuneralhome.com.

NEW NJMCA LOGO

Featured in the headers and title page of this issue is the new NJMCA Logo that has been formally approved by the NJMCA Trustees. Logo submissions were voted on at the NJMCA annual meeting in Atlantic City in March. This version was chosen overwhelmingly by the voters.
In Memoriam

Despite all of the upheaval in the public health sector in recent years and all the budgetary challenges that have filtered our way, we’ve managed to survive fairly well in Hunterdon County…with one notable exception. On February 12, 2012 we lost one of our most precious assets. This was the passing of our GIS specialist and laboratory technician, Kathy Bronish.

Although Kathy was active in NJMCA, she was a quiet individual, and I suspect many did not know her as well as we did. For those who did not know her, Kathy was a chicken-farmer by trade. Yes, she actually had a bachelor’s degree in poultry science from the University of Georgia. So how did she make the leap to mosquito biologist? Self taught. How about geographical information systems? You guessed it – self taught. And all of the other things she did so well in life – kayaking and photography to name a couple? Self taught.

As we continue to teach our employees basic mosquito identification and other skills, we find ourselves wondering how we would learn this on our own. Impossible for us. But for Kathy, she lived to a high standard and expected to reach such levels on her own. She loved her work. She loved to live. What a friend. What a colleague. We miss her dearly.

Tadhgh Rainey and Gary Donato
Hunterdon County Mosquito & Vector Control
Archives Committee

Can you identify these pictures?

The name on the side is Ruth Dredger—USA Bureau of Reclamation.

These photos are from the NJMCA Archives.

Does anybody recognize this piece of equipment and can you provide some information on its use in N.J. for the Archives? Respond to Scott Crans at sccrans@rutgers.edu
Henry R. Rupp (left) being presented a special Presidential Citation by Ary Farajollahi (center) for his exemplary service and contributions as editor of the NJMCA Proceedings. Greg Williams (right) also presented Mr. Rupp with the prestigious Jesse B. Leslie Award on behalf of the Associated Executives of Mosquito Control Work in New Jersey.

Incoming NJMCA president Bill Reinert presented outgoing NJMCA president Ary Farajollahi with the Past Presidents Plaque.
Scott Crans (Center for Vector Biology, Rutgers University NJ) presenting certificates of recognition to Joe Schmidt (Ocean County Mosquito Extermination Commission), Debin Sun (Essex County Mosquito Control), Nick Indelicato (Mercer County Mosquito Control), and Autumn Angelus (Salem County Mosquito Control) for Habitat Recognition and Mosquito Identification.
Newly elected members of the NJMCA Executive Board. From left to right, Paul McCall (2nd Vice President), Bill Reinert (President), Victoria Thompson (Treasurer), Greg Williams (Vice President), Sean Healy (Secretary)
**Jersey Roots and Global Reach at the Center of Vector Biology**

Li Min is a graduate student of Professor Randy Gaugler, working on her Ph.D on mosquito parasites. She is here as a result of the international connections that the Center’s director has with the Chinese Academy of Science. This organization has granted Min a 2-year funding to come to Rutgers in pursuit of her degree.

Professor Gaugler continues international efforts by traveling to both China and Tibet to lecture for the Chinese Academy of Sciences. His travels, paid by the Academy will include Hong Kong, Macao and Guilin. Manar Sanad, a student from Egypt who gave a presentation at NJMCA with stunning video on the behavior of mermithid nematodes, has returned to Egypt to finish her dissertation.

New faces will include Tom Radocy from University of Kansas. Tom has been awarded an academic fellowship to aid in his education and will begin a Ph.D program with Professor Gaugler. He is exploring the topics of parasitology and/or behavior. Another “new” face is Dr. Sarwar Hashmi. He was part of the Department of Entomology several years ago as Professor Gaugler’s post-doc. He is currently working with the Kimball Institute in NY and will continue his fundamental studies on lipid metabolism at the Center.

**Grants**

Professor Gaugler received an NIH Small Business Innovation Research grant to partner with SpringStar Inc. to commercialize technology.

**Awards and Invitations**

Dr. Mark Robson was awarded the Teaching Excellence award from SEBS/NJAES, Rutgers.

Dr. Karl Maramarosch was invited as a keynote speaker to the 7th Annual Conferences of Bridges in Life Sciences in Budapest Hungary.

Dr. Randy Gaugler was awarded the International Teaching Award from SEBS/NJAES, Rutgers. Dr. Gaugler has also been awarded the Golden Service Award from Dakota College and, most notably, a Fulbright Award from Egypt for 2013.

**Notable Dates:** The Mosquito Biologists meetings are set for July 26th (if the season is not too busy) and October 25th. A new short course on “Developing Effective Presentations” will be offered by Professor Gaugler in September 2012.

---Lisa Reed
New Jersey Mosquito Control Association Inc.

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