PROGRAM
57th Annual Meeting
Northeastern Mosquito Control Association
December 5-7, 2011
Radisson Hotel Plymouth Harbor

Sunday  December 4, 2011
3:00 PM  Exhibitor’s Set-up: Mayflower Room
5:45 PM  Audit Committee Meeting: Suite 302
6:00 PM  Executive Board Meeting: Suite 302

Monday  December 5, 2011
7:00 AM  Exhibitor’s Set-up: Mayflower Room
8:00 AM  Registration Table Open: Lobby
8:00 AM  Exhibitor Area Open: Mayflower Room

First Session  Location: Grand Ballroom
Moderator: Roger Wolfe
8:45 AM  Welcoming Address
Vinny deMacedo
MA State Representative, 1st Plymouth District
9:00 AM  NMCA President’s Address
Roger Wolfe, NMCA President
CT DEEP, WHAMM Program
9:15 AM  AMCA Update & AMCA President’s Overview
National Legislative & Regulatory Issues
William Meredith, AMCA President
DE Division of Fish & Wildlife, Mosquito Control
9:45 AM  Pesticide Environmental Stewardship Program Update
Gabrielle Sakolsky-Hoopes
Cape Cod Mosquito Control Project

Monday  December 5, 2011
10:00 AM  Coffee Break: Mayflower Room
Second Session  Location: Grand Ballroom
Moderator: Timothy McGlinchy
10:45 AM  2011 Season in Review
Priscilla Matton
Bristol County Mosquito Control Project

Monday  December 5, 2011
10:30 AM  Mass Arboviral and Mosquito Update, 2011
M. Cynthia Stinson
MA Dept. of Public Health
11:00 AM  2011 Maine Arboviral Surveillance Update
Megan Saunders
Maine CDC/University of Southern Maine
11:10 AM  Arbovirus Activity in Connecticut: 2011
John Shepard
CT Agricultural Experiment Station
11:30 AM  2011 Arbovirus Surveillance in Vermont
Alan C. Graham
VT Agency of Agriculture
11:45 AM  Vector and Adult Mosquito Surveillance in New Jersey, 2011
Lisa Reed
Center for Vector Biology, Rutgers University
12:00 Noon  Lunch (on your own)

Third Session  Location: Grand Ballroom
Moderator: Caroline Haviland
1:30 PM  Rhode Island 2011 Arbovirus Update
Haley Fiske & Chelsea Schinigoi
RI Dept. of Environmental Management
Monday December 5, 2011

1:40 PM  2011 New York State Arbovirus Update
         John J. Howard
         NY State Dept. of Health

1:50 PM  Pennsylvania Arboviral Update
         Michael Hutchinson
         PA Dept. of Environmental Protection

2:05 PM  New Hampshire Arboviral and Mosquito Update, 2011
         Elizabeth Daly
         NH Dept. of Health and Human Services
         Denise Bolton, presenting

2:20 PM  The Contributions of *Culex pipiens* Complex Mosquitoes to Transmission and Persistence of West Nile Virus in North America
         Theodore Andreadis
         CT Agricultural Experiment Station

2:40 PM  Prevalence of Eastern Equine Encephalitis Virus in Maine Wild Turkeys *Melagris gallopavo*
         Charles Lubeleczyk
         Maine Medical Center Research Institute

3:00 PM  An Evaluation of 90 Day FourStar Briquets in Wading Pools
         Haley Fiske & Chelsea Schinigoi
         RI Dept. of Environmental Management

3:10 PM  Coffee Break: Mayflower Room

Fourth Session

Location: Grand Ball Room
Moderator: David Lawson

3:40 PM  Oviposition Site Selection of *Aedes japonicus*
         Melissa Hardstone
         CT Agricultural Experiment Station
         (2010 McColgan Co-Recipient)

Monday December 5, 2011

3:55 PM  Facilitation among Invasive Mosquitoes
         Andrea Egizi
         Center for Vector Biology, Rutgers University
         (2010 Jobbins Recipient)

4:15 PM  Sentinel GIS Product Updates & Enhancements
         Ryan Pierson
         Electronic Data Solutions

4:30 PM  Poster Session: Mayflower Room

5:00 PM  NMCA Business Meeting
         Grand Ballroom

6:00 PM  President’s Reception
         Mayflower Room
         Cocktails and hors d’oeuvres

7:00 PM  NMCA Scholarship & Awards Ceremony
         Mayflower Room
         NMCA Awards:
         Robert L. Armstrong Award
         David H. Colburn Award
         Daniel M. Jobbins Scholarship
         McColgan Grant-in Aid
         David W. Scott Memorial Award

10:00 PM 2nd Annual B-movie night featuring “The Manster” in The Pub
### Posters

**Preliminary observations over eight years concerning three promising, non-mechanized, baited mosquito traps for capturing Culex pipiens, Culex restuans and Aedes aegypti eggs, egg rafts, and adults.**

Kirby O. Kloter (retired), University of Florida & New Orleans Mosquito Control

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**Summer 2011 Northeast Weather Recap**

Nate Boonisar, Norfolk County Mosquito Control

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**Mosquito Larval Control by Helicopter**

Frank Cornine & Timothy Deschamps Central Mass Mosquito Control

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**Integrated Marsh Management on the Continental Marsh, Stonington, CT**

Paul Capotosto, CT Department of Energy and Environmental Protection (DEEP), Wildlife Division, Wetlands Habitat and Mosquito Management (WHAMM) Program

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**NNMCP Water Management Program, North Main St. Bellingham, MA Combination Excavation-Intensive Hand/Brush Clearing Project BE1102**

Caroline E. Haviland, Norfolk County Mosquito Control

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**Pesticide Resistance in Central Massachusetts**

Frank H. Cornine, Central Mass Mosquito Control

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**Streambank Stabilization and Fisheries Enhancement in CT Streams**

Brian Murphy, Paul Capotosto and Roger Wolfe, CT Dept. of Energy and Environmental Protection

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### Tuesday

**8:00 AM**

Exhibitors Breakfast: Grand Ballroom
Moderator: Sherrie Juris
Continental Breakfast
Exhibitors’ Presentations

**9:00 AM**

Exhibitors’ Area Open

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**Fifth Session**

Location: Grand Ball Room
Moderator: Sherrie Juris

**9:20 AM**

2008 Ice Storm of New England: Drainage Maintenance and Stream Cleaning at Shea Brook, Fitchburg, MA
Katrina Proctor
Central Mass Mosquito Control Project

**9:40 AM**

Integrated Marsh Management on the Continental Marsh in Stonington, CT
Paul Capotosto
CT Dept. of Energy and Environmental Protection

**10:00 AM**

Working on the Rail Road, New Bedford, MA
Steve Burns
Bristol County Mosquito Control

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**Sixth Session**

Location: Grand Ball Room
Moderator: Timothy McGlinchy

**10:20 AM**

Coffee Break: Mayflower Room

**10:50 AM**

Stormwater Storage and Treatment
Pete Hanrahan
Everett J. Prescott, Inc.
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11:15 AM</td>
<td>Sensitive Areas and Set Backs</td>
<td>Taryn LaScola</td>
<td>MA Dept. of Agricultural Resources</td>
<td>2:50 PM</td>
<td>A Progress Report: Development of a Chemical CO2 Source for Mosquito Collection</td>
<td>John Prohaska</td>
<td>Blackstone Photonics</td>
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<td>11:30 AM</td>
<td>Barrier Application Strategy for Mosquito Management</td>
<td>Jeffrey O’Neill</td>
<td>Central Life Science</td>
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<td>Coffee Break: Mayflower Room</td>
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<td>11:45 AM</td>
<td>Copepods: A Not-So-New-Bio-Control Agent for New Jersey</td>
<td>Robert Kent</td>
<td>NJ Dept. of Environmental Protection</td>
<td>3:30 PM</td>
<td>Mosquito Control and Social Networking</td>
<td>Timothy Deschamps</td>
<td>Central Mass Mosquito Control Project</td>
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<td>12:05 PM</td>
<td>Seventh Annual Group Photo</td>
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<td>3:45 PM</td>
<td>Simple Development of Cell Phone Applications to Reach a Larger Target Audience.</td>
<td>Kristen Bartlett-Healy</td>
<td>Burlington County Health Department</td>
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<td></td>
<td>Moderator: Frank H. Cornine, III</td>
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<td>1:30 PM</td>
<td>Promoting Mosquito Awareness among Elementary School Students Part 3</td>
<td>Curtis Best</td>
<td>Central Mass Mosquito Control Project</td>
<td>4:05 PM</td>
<td>Mosquito Awareness Education for Local Seniors</td>
<td>Frank H. Cornine, III</td>
<td>Central Mass Mosquito Control Project</td>
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<td>1:45 PM</td>
<td>The Use Of Predictive Models in an IPM Approach to Container Inhabiting Mosquito Control</td>
<td>Sean Healy</td>
<td>Monmouth County Mosquito Control</td>
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<td>MA Superintendents &amp; Commissioners Meeting</td>
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<td>2:05 PM</td>
<td>The Other Cost of Insecticide Resistance</td>
<td>Janet McAllister</td>
<td>Centers for Disease Control and Prevention</td>
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<td><strong>Poster Session</strong>: Mayflower Room</td>
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<td>2:25 PM</td>
<td>FourStar SBG- Your Latest Larvicide Tool</td>
<td>James Barr</td>
<td>FourStar Microbial Products</td>
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<td>Silent Auction – Proceeds benefit NMCA Benevolent Fund</td>
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<td>NMCA Photo Salon</td>
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<td>4:35 PM</td>
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<td>Awarding of Silent Auction Items</td>
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Wednesday December 7, 2011

**Ninth Session**
Location: Grand Ballroom
Moderator: Sean Healy

8:00 AM  
Registration Table Open: Grand Ballroom Foyer

8:45 AM  
**History of Public Health Entomology at the Connecticut Agricultural Experiment Station**  
John Anderson  
CT Agricultural Experiment Station

9:10 AM  
**Arboviruses of Public Health Importance in the United States**  
John-Paul Mutebi  
Centers for Disease Control and Prevention

9:30 AM  
**Characteristics of and Efficacy Evaluations for a New Formulation of the Microbial Larvicide, Bacillus thuringiensis subsp. israelensis**  
Joe Barile  
Bayer Environmental Science

9:45 AM  
Coffee Break: Lobby

**Tenth Session**
Location: Grand Ballroom
Moderator: Emily Sullivan

10:15 AM  
**Pulsed Hydrology Drives Soil-Plant Interactions in Salt Marshes**  
David Burdick  
University of New Hampshire

10:35 AM  
**Effect of Impounding Water on Salt Marshes**  
Susan Adamowicz  
US Fish & Wildlife Service

Wednesday December 7, 2011

11:00 AM  
NPDES/NOI  
Robert Kubit  
MA Dept. of Environmental Protection

11:30 AM  
**EPA NPDES Pesticides General Permit Update**  
George Papadopoulos  
US Environmental Protection Agency

12:00 PM  
**Closing Remarks**  
Roger Wolfe, NMCA President  
CT DEEP, WHAMM Program