



NOR'EASTER

A Newsletter of the Northeast Aquatic Plant Management Society

<i>Officers and Directors</i>	2
<i>Message from the President</i>	3
<i>Meet the BOD</i>	7
<i>Aquatic Plant Spotlight</i>	9
<i>2018 Conference in Pictures</i>	13
<i>2019 Conference Venue</i>	21
<i>Scholarship Program</i>	22
<i>Announcements</i>	24

Volume 17, Issue 1
Summer 2018

Committees

Website

Amy Smagula
Chris Borek

Membership

Amy Smagula
Will Stevenson
Glenn Sullivan

Program

Chris Doyle
Amy Smagula
Mark Heilman

Meg Modley
Bin Zhu

Editorial

Chris Doyle
Ann Bore

Brea Arvidson

Meg Modley
Emily Molden

Nominating

Mark Heilman
Chris Doyle

Joe Pinkerton

By-laws

Amy Smagula
Mark Heilman
Will Stevenson

Government Affairs

Mark Heilman
Mark Lewandowski
Meg Modley

Internal Audit

Glenn Sullivan
Will Stevenson
Joe Pinkerton

Local Arrangements

Amy Smagula
Glenn Sullivan
Meg Modley
Chris Borek
Emily Molden

Awards

Ann Bore
Glenn Sullivan
Chris Doyle
Mark Lewandowski

Sponsorship

Meg Modley
Glenn Sullivan
Joe Pinkerton
Mark Heilman

Advertisements in the *Nor'Easter* does not constitute endorsement by NEAPMS. Information provided in this newsletter is not to be interpreted as instruction or regulation. Contents of *Nor'Easter* may not reflect the views of NEAPMS.

OFFICERS

President

Meg Modley

802-372-3213

mmodley@lcbp.org

Past President

Mark Heilman

317-388-3336

markh@sepro.com

Editor

Chris Doyle

908-850-0303

cdoyle@solitudelake.com

Vice President/ President Elect/ Treasurer

Will Stevenson

508-765-0101

wstevenson@solitudelake.com

Secretary

Amy Smagula

603-271-2248

amy.smagula@des.nh.gov

Web Administrator

Chris Borek

609-815-1654

chrisborek@blacklagoon.us

DIRECTORS

Emily Molden

508-228-2818

emily@nantucketlandcouncil.org

Glenn Sullivan

908-850-0303

gsullivan@solitudelake.com

Cathy McGlynn

518-408-0436

Catherine.McGlynn@dec.ny.gov

Bin Zhu

860-656-8771

zhu@hartford.edu

Kiyoko Yokota

607-436-3742

Kiyoko.Yokota@Oneonta.edu

Mark Lewandowski

443-980-9008

mark.lewandowski@maryland.gov

The Purpose of the Society shall be to assist in the management of aquatic vegetation, to provide for the scientific and educational advancement of the members, to encourage scientific research in all facets of aquatic plant management, to promote an exchange of information among members, and to extend and develop public understanding in the discipline.

Mission Statement, adopted April 20, 1999

On the Cover: The Croton River in Fall (E. Mayer)

MESSAGE FROM THE PRESIDENT

MEG MODLEY

NEAPMS Membership,

Happy springtime to all! The Northeast has had a cold and snowy winter and most of us are working long hours to prepare for the field season. For me, it has been an extremely special spring as my husband, son, and I welcomed our daughter into our family.

Though the water in Lake Champlain remains roughly at 50 degrees, the air is warming, the trees and flowers are blooming and boaters and water recreationists are gearing up for the summer season. The Lake Champlain boat launch steward program is entering its 12th year of operation for boat inspection and decontamination at our busiest launches in Vermont, New York, and Quebec and we continue to mechanically and hand harvest water chestnut in the Lake, slowly reducing the population over decades of dedicated management with a diverse group of local, state, federal and provincial partners.

The Northeast faces increased pressure from aquatic invasive plant species such as water chestnut and hydrilla which have been recently detected in the Connecticut River. The states of VT, NH, MA, and CT are beginning to work together to survey this new infestation. Long fought battles with other aquatic plants such as Eurasian water milfoil, variable leaved water milfoil, curly leaved pondweed, algae, and others continue in private ponds and lakes across the region. Funding availability to address these aquatic plant and algae management issues varies from state to state and one of the great benefits of this Society's network is that we can read about them and learn from each other's management successes and challenges.

This past year has been a challenging one for many water quality related programs across the nation that have faced significant budget cuts. The National Invasive Species Council, Aquatic Nuisance Species Task Force and subsequently our regional Northeast Aquatic Nuisance Species Panel efforts to address aquatic invasive species impacts to the environment, economy, and human health through early detection, rapid response, scientific research, policy, education and outreach etc., have been significantly hindered. These programs were temporarily suspended for over a year for Department of Interior review. These programs have recently been permitted to return to operation.

Your Board of Directors has been busy since our last meeting in January at the Wentworth by the Sea. We have been preparing for our 20th anniversary conference which will be held at The Desmond in Albany, NY from January 8-10th, 2019. We look forward to highlighting founding member thoughts about the Society, student scholarship contributions, aquatic plant management scientific advancements, and celebrating our member's work over the past two decades. The Board is also looking ahead to the next 20 years. We have been reviewing the feedback you provided from our last conference evaluation and have been acting to address the membership's support to expand our mission statement to include algae research and control. The Board will be sending out a survey to the entire membership this summer to gather feedback about the format of our meetings, if there are special workshops or topics that we may provide to members

Continued on page 4.

Past NEAPMS Presidents
Charles Gilbert (1999/2000)
Gerald Smith (2001)
Gerald Adrian (2002)
Jim Sutherland (2003)
Bo Burns (2004)
Amy Smagula (2005)
Larry Eichler (2006)
Glenn Sullivan (2007)
Marc Bellaud (2008)
Bob Johnson (2009)
Ann Bove (2010)
John Mcphedran (2011)
John Mcphedran (2012)
Paul Lord (2013)
JoAnn Dunlap (2014)
Charles Boylen (2015)
Chris Doyle (2016)
Mark Heilman (2017)

Below: Andrew, Meg, Finn, and newborn Skye Gilbertson.
Photo Courtesy: Meg Modley



MESSAGE FROM THE PRESIDENT (CON'T)

at a future meeting or through another medium, determine what member priorities might be for a strategic planning process to ensure the Society's financial security, how to increase the scholarship fund, and how to expand student support. Aquatic plant and algae control as well as other aquatic invasive species management and research interests may shift over time and the survey is intended to assess and capture membership priorities.

The Board assisted with the planning for the 58th National Aquatic Plant Management Society (APMS) meeting which was held in Buffalo, NY on July 15-18th. We worked to ensure that presentations and issues relevant to the Northeast are represented at the AMPS conference. Our own Greg Bugbee has been recruited to help coordinate the continuing education credits for applicators at the meeting, and several NEAPMS members were on hand to give presentations.

I would like to acknowledge the critical support of our sponsors to our Society. I would also like to ask the Sponsors to start thinking about ways they might want to contribute to the 20th anniversary meeting in Albany to bolster support for our scholarship fund and for the Society. I would also like to ask members to start thinking about how they would like to contribute whether that be with a silent auction item, contributing stories or photos of past collaborations and conferences, or with an oral presentation or poster for the 2019 meeting. We hope to gather input and stories from our members about the Society's importance to you and we also hope to set up a mentoring program for our students.

The Board would like to congratulate Kara Foley on her scholarship award for research on hydrilla. The scholarship fund is a foundational component of our Society. It is critical that we find a way to increase and support the amount of scholarship funds we have available to support students interested in aquatic plant management science and research.

I wish to thank every single one of you for being part of this Society and contributing your expertise and research, networking with students and other colleagues to address aquatic plant management and expanding aquatic plant and algae management issues in our region.

Finally, I would like to thank the Board of Directors for their dedication to ensuring the growth and development of our organization. I look forward to celebrating 20 years of science, collaboration, and research with you and hope you will plan to join us in Albany. We will be sure to pull in founding members and encourage you to invite new members to join our Society.

Sincerely,
Meg
NEAPMS President

"This past year has been a challenging one for many water quality related programs across the nation that have faced significant budget cuts."

"The Board will be sending out a survey to the entire membership this summer to gather feedback about the format of our meetings."



Alligare, LLC
Eric Barkemeyer
 Aquatic Sales Representative | Alligare
 244 Grey Road, Davidson, NC 28036
 704-502-1064
 ebarkemeyer@alligare.com
 MAIN: 334-741-9393 FAX: 334-741-9395
 13 North 8th Street, Opelika, AL 36801
 www.alligare.com www.adama.com

FAST SOLUTIONS
EARTHTEC
 Kill Cyanobacteria in 24-36 Hours
EARTHTEC QZ
 Effective & Affordable Molluscicide
 EarthTecWaterTreatment.com 

YOUR 2018 NEAPMS BOARD OF DIRECTORS AND OFFICERS



Left to Right: Chris Borek, Bin Zhu, Emily Molden, Chris Doyle, Mark Lewandowski, Will Stevenson, Amy Smagula, Cathy McGlynn, Meg Modley, Mark Heilman, Kiyoko Yokota. Photo Courtesy of Emily Mayer.

AER
AQUATIC ECOSYSTEM RESEARCH
 A WATERSHED COLLABORATIVE COMPANY

Mark June-Wells, Ph.D.
 Principal Limnologist
 NALMS Certified Lake Manager

860.576.8628
www.aerlimnology.com
mjunewells@aerlimnology.com

AQUATIC TECHNOLOGIES INC.

Lake Management Consultants
 Experts in
 Aquatic Vegetation Control

Christopher Hanlon
 Aquatic Biologist

Phone: 973-773-9567
 Fax: 973-948-7118
aquaticnj@optonline.net

PO Box 769
 Branchville, NJ 07826
www.aquatechnj.com

CHINOOK®

AQUATIC HERBICIDE



2-in-1 Aquathol K and 2,4-D have been used in combination to control Eurasian watermilfoil and curlyleaf pondweed in Midwestern and Great Lakes States lakes for over 10 years. This combination allows aquatic applicators to use rates that are generally lower than those used when either product is used alone.

Unfortunately, these products do not tank mix very well resulting in sequential applications or the need for "dual" application equipment. (Dual equipment utilizes 2 completely separate spray systems on the same vessel).

Now with Chinook, there is no need to use dual systems or make sequential applications. Both products are in the same container thanks to UPI technology.

Benefits:

Controls invasive aquatic weeds such as Eurasian watermilfoil and curlyleaf pondweed in a single application. In addition, it controls many other nuisance weeds that may become problematic.

No need for sequential applications

No need for dual application systems

Two modes of action, Aquathol K and 2,4-D (Recommended for herbicide resistance management)

Comes in 2.5 gal jugs or 250 gal. mini-bulk totes

For more information and sales contact:

Justin Nawrocki Ph. D
Account Manager, Aquatics
919-429-2185
justin.nawrocki@uniphos.com



630 Freedom Business Center,
Suite 402
King of Prussia, PA 19408
www.upi-usa.com

Chinook® and the UPI logo are trademarks of UPI ©2016.
Always read and follow label directions.

MEET YOUR NEW BOARD MEMBER CATHY MCGLYNN



Photo: C. McGlynn

My name is Cathy McGlynn and I was elected as a Board Member in January of this year. I work as the Aquatic Invasive Species Coordinator for the New York State Department of Environmental Conservation. My job is to help implement New York State's Aquatic Invasive Species (AIS) Management Plan. The focus of the plan is pre-

venting the introduction and spread of AIS and its top priority is to expand the boat steward programs across the state. I also co-lead the Croton River Hydrilla Control Project and the Tioga County Hydrilla Control Project, help administer grants, represent NYS at regional panels, and help develop education and outreach materials about

AIS.

I am a native New Yorker who is very happy to spend weekends hiking in the Catskills and Adirondacks and paddling on the Hudson River. I very much want to protect New York State natural resources for everyone to enjoy now and for many years in the future. I look forward to serving on the NEAPMS Board of Directors to help foster the next generation of researchers and managers, support networking, and facilitate knowledge exchange across the region.

Unless otherwise noted, all pictures are credited to E. Mayer and C. Doyle



Top to Bottom Aeration Solutions

Kasco Robust-Aire™ diffusers & surface aerators provide the oxygen needed to keep your water and fish healthy.

Kasco
715-262-4488
kascomarine.com

Cygnet Enterprises, Inc.
Products to Enhance Our Water Resources®

LARGEST SINGLE SOURCE DISTRIBUTOR OF AQUATIC PLANT MANAGEMENT PRODUCTS IN THE UNITED STATES SINCE 1974

CYGNET CARRIES PRODUCTS FROM ALL THE MAJOR MANUFACTURERS

EMPLOYEES **STEWARDSHIP**

- Cygnet employs an experienced and knowledgeable staff that strive for outstanding customer service
- On staff biologists and ex-professional applicators provide first hand knowledge and experience to our customers
- Our employees have over 200 years of combined experience in the aquatics industry
- Cygnet Enterprises is a strong supporter of environmental stewardship.
- Our goal is to be a leader in industry stewardship to enhance our water resources
- We try to make a difference from the national level all the way down to the local level.

WWW.CYGNETENTERPRISES.COM

Check Out Our Website:
www.neapms.net

MEET YOUR NEW BOARD MEMBER KIYOKO YOKOTA

I am excited to serve on the Board of Directors for NEAPMS as the base of the aquatic food web, including aquatic plants and algae, have always been my main research interest. I teach limnology, management of aquatic biota, and phytoplankton ecology for graduate students as well as various undergraduate biology courses. I worked for a civil engineering consulting firm in Tokyo between my undergraduate and graduate studies and was licensed and registered as an Associate Professional Engineer (JPN). My projects at that time included water quality management projects for existing reservoirs and lakes as well as environmental impact assessment and water quality prediction for dams in planning stages. My primary research interest is phytoplankton community dynamics and their interaction with macrophytes (i.e., alternative stable states: phytoplankton dominated vs. macrophyte dominated systems) and human-related factors (e.g., cultural eutrophication, emerging pollutants such as microplastics, and changing climate). My collaborators and I maintain a continuous lake monitoring buoy on Otsego Lake, which logs and transmits 46 parameters every 15 minutes. Data from this buoy as well as other sources contribute to multiple research projects of the Global Lake Ecological Observatory Network (GLEON.org).

Photo: Wayne Bunn



Clean It Up with Captain® XTR algae recovery treatment. Lock It Up with Phoslock® to remove excessive phosphorus. Keep It Up with SeClear protection treatments. For more information call SePRO Technical Specialist Jon Gosselin at 603-494-5966 or jong@sepro.com.

Always read and follow label directions. Captain and SeClear Algaecide and Water Quality Enhancer are trademarks of SePRO Corporation. Phoslock is a registered trademark of Phoslock Water Solutions, Ltd. Copyright ©2018 SePRO Corporation.

Visit sepro.com



AQUATIC PLANT SPOTLIGHT: MUD MAT (*GLOSSOSTIGMA CLEISTANTHAM*)

Kate Arnao and Emily Mayer

SOLitude Lake Management

As its name suggests, mudmat is an invasive aquatic plant species that forms dense, green mats in littoral zones. The iconic bunny ear-shaped leaves of mudmat serve as a unique characteristic when identifying this species. The leaves grow in pairs along thin rhizomes, with narrowing stems at the base and widen into an oval shape at the tips. Mudmat can thrive both as a submerged and emergent plant depending upon the location within the water body. This species generally prefers oligotrophic conditions, consisting of high transparency readings, low pH, and low nutrients. They can form "carpet-like" mats along the bottom of water bodies, averaging from 10,000 to 25,000 plants per square meter, and can reach depths of up to two meters. Submersed mudmats grow year-round and also tend to have larger leaves than the emergent

mats, reaching between 0.7 and 5.7 cm in length. The emergent mudmats have significantly smaller leaves only reaching between 0.5 and 1.1 cm in length. Submerged mudmats can propagate using an enclosed flower, classifying it as a cleistogamous self-pollinating plant. However, if water recedes and the plant becomes emergent, it produces insect-pollinating chasmogamous flowers. Emergent mudmats behave like annual plants, which become dormant during the winter months, unlike the submersed type. They also have the capability of producing fruit that hold prolific seeds in capsules, allowing them to disperse easily.

Mudmat is native to Australia and New Zealand, but was first discovered in the United States in 1992 in Hamburg Cove, Connecticut. From this single location, mudmat expanded along the east coast, spreading to several sites in Connecticut, New Jersey, Rhode Island, and



Pennsylvania. It was most likely introduced by an aquarium release, and now has been further spread by other vectors; including migrating water fowl and recreational watercraft activities. Due to its small size, this species is unlikely to be a serious threat to recreational activities, but could be an ecological threat to native plant and animal communities, such as rare, threatened or endangered species that occupy the same habitat niche. Currently, the distribution of mudmat continues to be concentrated in the North-Eastern area of the United States, further supporting the importance of preventing the spread of mudmat throughout the rest of the country.

“The iconic bunny ear-shaped leaves of mudmat serve as a unique characteristic when identifying this species.”









The NEAPMS Board is looking for individuals interested in submitting

State Updates for the following states: Rhode Island and Delaware. If

you are interested in contributing to the

Nor'Easter, please contact

Chris Doyle at

cdoyle@solitudelake.com



NEAPMS 20TH ANNIVERSARY: PAST PRESIDENT PERSPECTIVE

John McPhedran, Maine Department of Environmental Protection

NEAPMS President, 2011-2012

First Impression, Lasting Impressions

I attended my first NEAPMS conference in 2002 in Sturbridge, MA, one month after joining Maine Department of Environmental Protection's (DEP) Invasive Aquatic Species Program. A botanist with little experience in managing plant communities, I was caught off-guard by what I viewed as an emphasis on herbicide use to control invasive plant growth. I felt like a fish out of water.

Then, during my first full season at DEP in 2002, hydrilla was confirmed in southern Maine. To determine our response during the winter of 2002-03, my boss and I contacted colleagues across the country and through NEAPMS. We considered all management techniques and determined that herbicide application gave us the best chance of meaningful control.

With each successive NEAPMS conference, I came to understand that the society and its members are concerned about much more than killing plants with chemicals. Presentations and informal discussions at meetings address manual and biological controls, plant taxonomy, and effects of management on habitat. Representation at meetings includes industry, lake associations, academia and state agencies.

Was all this in front of me during that first meeting in Sturbridge but I just didn't see it, or did NEAPMS's scope evolve over time? I'm not sure it matters. In the end, NEAPMS is inclusive of interests and perspectives related to aquatic plant – and algae – management.

I recall receiving a letter from Jim Sutherland encouraging me to become more involved with NEAPMS. Knowing Jim, he probably wrote every member but his overture felt like a personal appeal to me. After attending a few more annual conferences, I did become more involved while attending every NEAPMS annual conference since 2002.

Seventeen consecutive years of annually meeting the same group of people becomes significant. The professional relationships gained enhance my capacity to manage the challenges we face in Maine. More importantly, the personal relationships through NEAPMS keep me coming back. Hey, I bought a pair of skis from a fellow NEAPMS member that my boys have enjoyed – anyone who knows me knows that is significant.

As the Board prepares for the 20th anniversary celebration next January in Albany, I plan to be there to celebrate with the membership. Hats off to NEAPMS!

NEAPMS 20TH ANNIVERSARY: PAST PRESIDENT PERSPECTIVE

Jim Sutherland, NYSDEC (Retired)
NEAPMS President, 2003

“The rest has been the brief but spectacular history of the Society as we know it now 20 years later, a well-respected organization that champions the cause for ‘smart’ nuisance aquatic plant management in the Northeast region of the United States.”

As I look back over the previous five decades of my career as a water quality scientist, I find that one of my most satisfying contributions was a small, but important, role in the formation and cultivation of the Northeast Aquatic Plant Management Society. The initial small group meeting in 1998 in Suffern, New York, organized by Founding Father, Charles Gilbert, was the ‘planting’ of the ‘seed’ for the society, a seed that soon germinated into the First Annual Conference of the Society in Suffern, New York in 1999, and successional growth of the Society thereafter.

The rest has been the brief but spectacular history of the Society as we know it now 20 years later, a well-respected organization that champions the cause for ‘smart’ nuisance aquatic plant management in the Northeast region of the United States. Sadly, we lost our Founding Father in 2018; however, his legacy, in the form of the Society, will continue for decades into the future and serve to remind us how important it is to share ‘ideas’ with others; ideas that can be nurtured and that can stimulate the growth and development of meaningful organizations, such as NEAPMS, that can serve to educate and inform based upon the latest advancements in science and technology.

ProcellaCOR is offered exclusively by PRO Certified SePRO Stewards of Water™

**SEEKS, SHATTERS AND ELIMINATES
INVASIVE AQUATIC WEEDS**

ProcellaCOR®
Aquatic Herbicide

The Stewards of Water
PRO
CERTIFIED
SePRO

A new herbicide technology for selective control of invasive and nuisance aquatic weeds. For more information call SePRO Technical Specialist **Jon Gosselin** at 603-494-5966 or jong@sepro.com.

Always read and follow label directions. ProcellaCOR and Stewards of Water are trademarks of SePRO Corporation. Copyright ©2018 SePRO Corporation.

Visit sepro.com



NEAPMS 20TH ANNIVERSARY: PAST PRESIDENT PERSPECTIVE

Gerald Adrian, Aquatics Business Manager, UPI
NEAPMS President, 2002

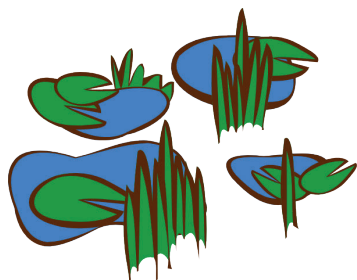
My perspective of NEAPMS

The Northeast APMS strides since its beginning have been impressive. The first meetings barely had 50 attendees and now we are exceeding 200 annually. This is not without commitment from the Board of Directors, Members and Sponsors. UPI has been a sponsor since day one and continues to support the organization. The Northeast APMS brings value to the Aquatic Plant Management industry thru education and outreach for those involved in this industry as well as those considering a position or career in this industry.

One primary effort of the Northeast APMS is to bring members of the regulatory community to the annual meeting so that they can be a part of the industry and learn about new products and techniques for the control of invasive aquatic weeds as well as understanding the impact these plants have on the ecology, fisheries and property values on various water bodies. The Society also keeps its membership abreast of new infestation of invasive weed such as hydrilla in Lake Cayuga and the Erie Canal, as well as the spread to other areas throughout the Northeastern US.

I've enjoyed watching the Northeast APMS grow in both numbers and scope. The topics have ranged from new invasive weed infestations, various control measures, the WOTUS issues including the need for NPDES permitting, as well as the Clean Water Act and how it will impact the Aquatic Plant Management industry.

I see this as a strong organization and the Northeast APMS has a long and bright future.



How Are We Doing?

What do you think of our newsletter? Please forward any suggestions, or if you would like to contribute an article or update to an upcoming newsletter, please contact

Chris Doyle
(cdoyle@solitudelake.com)

“One primary effort of the Northeast APMS is to bring members of the regulatory community to the annual meeting so that they can be a part of the industry...”

KEYCOLOUR.

“The Lake and Pond Dye Experts”



Wide Mouth Bottles



WSP's

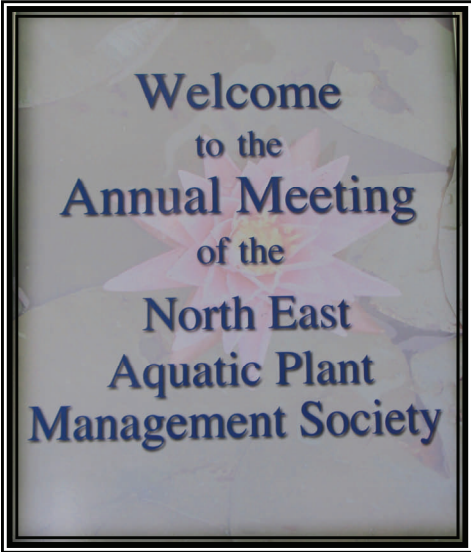
- Highest Quality and Value in the industry guaranteed!
- Standard and Custom colors
- No costly buy-ins or minimums
- Private label and free shipping on Pallet orders
- Fast delivery
- Flexible payment options

Keycolour

3002 W. Weldon Ave. • Phoenix, AZ 85017 • (602) 424-9990

www.keycolour.net

NEAPMS 2018 CONFERENCE PICTURES



To the Right: A workshop presentation at the 2018 Annual Conference.



Above: Dr. Ken Wagner gives a presentation at the 2018 Annual Conference.

NEAPMS 2018 CONFERENCE PICTURES



Left: NEAPMS President Meg Modley shows off *The Eradicator* cape to be worn by the Scientific Poster Contestants.



Above: The winners of the 2018 Scientific Poster Contest: Michael Lew-Smith (left) and Kara Foley (right).

Water Care

LONZA

Applied Biochemists®
Experts in Aquatics



SPECIALTY ALGAE ICIDES	CYANOBACTERIA REMEDIATION
QUALITY AQUATIC HERBICIDES	FORMULATION EXPERTISE
APPLICATION TECHNOLOGIES	TOP TECHNICAL RESOURCES
REGULATORY EXCELLENCE	INDUSTRY PARTNERSHIPS
PATENTED NEW CHEMISTRIES	

 **www.appliedbiochemists.com**

NEAPMS 2018 CONFERENCE PICTURES



Left: (Left to Right) Dr. Mark Heilman, Ann Bove, Amy Smagula, and Meg Modley. NEAPMS awarded Meg Modley the 2018 Amy P. Smagula Outstanding Member Award.



Below: Past President Dr. Mark Heilman poses with Dr. Chuck Boylen. The latest NEAPMS Honorary Member.





Serving the Aquatic and Invasive industry with professionals who have the expertise and access to an exclusive line of products to succeed in today's competitive market.

**Herbicides • Adjuvants • Pre-Mixes
Sales • Consulting • Competitive Prices**





















<p>Cary Martin Aquatic Specialist (704) 305-7752 cary.martin@cpsagu.com</p>	<p>Paul Mason National Aquatics Manager (407) 718-9154 paul.mason@cpsagu.com</p>	<p>Joe Collins Sales/Gov't Account Coordinator (352) 222-0655 joseph.collins@cpsagu.com</p>
<p>Troy Knowlton Aquatic Specialist (727) 348-7569 troy.knowlton@cpsagu.com</p>	<p>Harry Knight Aquatic Specialist (256) 531-8496 harry.knight@cpsagu.com</p>	<p>Stephanie Walters Aquatic Specialist (407) 466-8360 stephanie.walters@cpsagu.com</p>

Always Read and Follow Label Directions

NEAPMS 2018 CONFERENCE PICTURES



Left: Gerry Smith says a few words about NEAPMS Founding Father Charles Gilbert.



Left: Dr. Mark Heilman addresses the crowd at the Annual Banquet. Above: Dr. Mark Heilman turns over a brand new gavel to incoming President Meg Modley.



Naturally remove nutrients

Dissolve dead algae

Digest organic muck

Improve water clarity

888.757.9575

www.naturalake.com

info@naturalake.com



NEAPMS 2018 CONFERENCE PICTURES



Above: Attendees get a chance to examine 75+ live aquatic plant specimens at the Annual Aquatic Plant Workshop. Left: Dr. Ken Wagner points out some aquatic plant characteristics to workshop attendees.

Restoring Balance. Enhancing Beauty.



At SOLitude Lake Management, our team is dedicated to making water a more healthy and beautiful part of our world. In that pursuit, we offer a wide array of sustainable lake, stormwater pond, wetland, fisheries and water quality management solutions tailored to your needs.

Algae & Aquatic Weed Control | Plant Monitoring | Aeration | Fish Stocking
Invasive Species Control | Water Testing | Bathymetry | Hydro-raking and Harvesting

888.480.5253 (LAKE)
solitudelakemanagement.com/water

SOLITUDE
LAKE MANAGEMENT



Aquatic Plant Quiz

Can you guess the genus and species of the aquatic plant pictured above? (Answer on page 22.)

2018 NEAPMS CONFERENCE PICTURES



Left: Master of Ceremonies Dr. Ken Wagner goes over the rules for the Annual Raffle at the Annual Banquet.

Right: NEAPMS President Meg Modley (adorned in proper PPE) draws the first raffle ticket at the Annual Banquet.

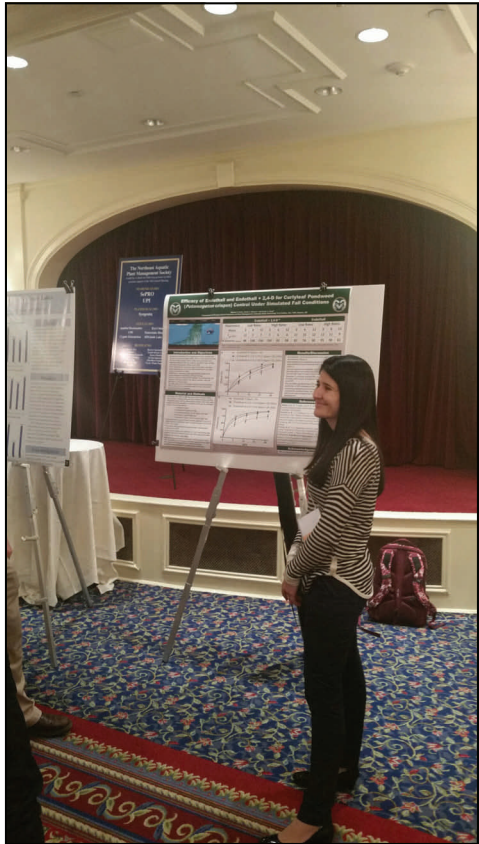


Left: Dr. Wagner presides over the three Raffle Finalists, asking the crowd if there are any more "buy-ins".

NEAPMS 2018 CONFERENCE PICTURES



Above: The NEAPMS 2018 Poster Session in full swing. Right: A poster presenter awaits attendees eager to answer any questions.



Announcing The 2019 NEAPMS Scientific Poster Contest



The Board of Directors is pleased to announce the return of the scientific poster contest at the 2019 NEAPMS conference. Prizes provided by a sponsor will be awarded to two categories: Student and Professional. Posters will be judged by an esteemed panel of NEAPMS members on criteria such as design and layout, suitability to the society's goals, study design, and presentation of the content. If you are interested in sponsoring the NEAPMS Poster Contest this year, please contact Glenn Sullivan (gsullivan@solitudelake.com). If you are interested in becoming a Poster Judge, please contact Meg Modley (mmodley@lcbp.org).

2019 NEAPMS CONFERENCE VENUE SPOTLIGHT

Chris Doyle, CLM

SOLitude Lake Management

The 20th Anniversary of the Northeast Aquatic Plant Management Annual conference will be held in January 2019 at the Desmond Hotel in Albany New York. The Desmond Hotel & Conference Center has been family owned and operated since 1974 and remains one of the few privately owned hotels located in the Capital Region of New York. For over 40 years, the hotel and conference center has been providing excellent customer service and is consistently ranked among the best Albany hotels. The hotel was founded by Philadelphia native John K. Desmond, after a business trip to the Albany area revealed a dearth of premier hotel accommodations.

It was originally named the Americana Inn and was a joint enterprise between John K. Desmond and American Airlines. This joint relationship was likely a result of the hotel's close proximity to the Albany Airport, which to this day makes travel convenient. At that time, the hotel featured 183 guest rooms, an indoor courtyard and two restaurants. One year later, American Airlines left the hotel business to focus on their expanding airline service. In the early 1980's to keep pace with the dynamic growth of the Capital Region, the facility expanded with 140 more guestrooms, along with the ballroom, conference center, amphitheater, The Lodge, and a health club. This brought the facility to 332 guest rooms and over 30,000 square feet of conference space. In 1984, on its 10th anniversary, the hotel was renamed the Desmond Americana.

In 1992, a business shift to highlight the importance of conference facilities and business use, the hotel was re-branded The Desmond Hotel & Conference Center. The site continues to be managed by the Desmond family via 3rd generation General Manager Tyler Desmond. In 2018, the hotel joined the InterContinental Hotel Groups (IHG) and is now called The Desmond Hotel Albany. Visitors to the hotel will notice a colonial theme to the interior décor. This was inspired and sourced by John K. Desmond, a call back to his Philadelphia roots. This includes a unique village square in the courtyard complete with mock storefronts, brick walkways, fountains and balconies. This colonial theme is carried throughout with original oil paintings from the 1800's, framed Americana artwork and numerous antique pieces.



Photo: Desmond Hotel

“The Desmond Hotel & Conference Center has been family owned and operated since 1974.”

For more information on the Desmond Hotel and Conference Center, check out their website:

www.desmondhotelsalbany.com

“Visitors to the hotel will notice a colonial theme to the interior décor. This was inspired and sourced by John K. Desmond, a call back to his Philadelphia roots.”

NEAPMS SCHOLARSHIP

Scholarship Committee

Bin Zhu (Chair)

Mark Heilman

Meg Modley

Chris Doyle

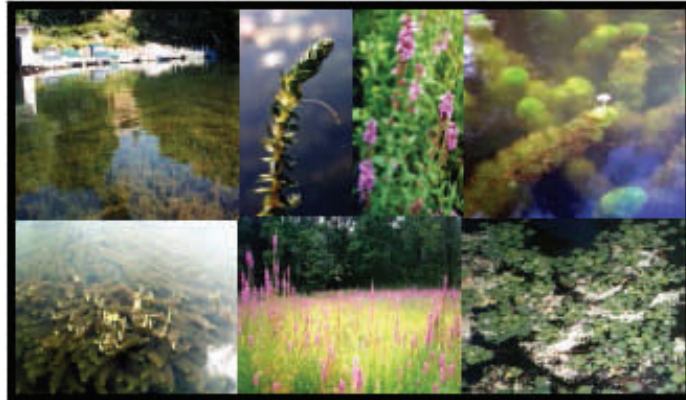
Mark June-Wells

Kiyoko Yokota

Paul Lord

Answer from page 17:
Pistia stratiotes (Water Lettuce)

Graduate and Undergraduate Scholarships and Stipends Available!



The Northeast Aquatic Plant Management Society announces the availability of scholarship monies for students pursuing degrees in **AQUATIC PLANT MANAGEMENT.**

Graduate scholarships can range up to \$5,000.00 depending on the degree pursued and the project proposed.

Undergraduate students interested in participating in an internship in Aquatic Plant Management can be eligible for a stipend to pay for salary and/or related expenses during the internship.

For more detailed information visit the NEAPMS website at www.neapms.net and click on Scholarships



Vertex Water Features
Lake Aeration Systems & Floating Fountains

Sue Cruz
Aeration Sales Manager

P: 844-432-4303
F: 954-977-7877
sue@vertexwaterfeatures.com

Our Aeration Systems:

- ◆ Help Prevent Fish Kills
- ◆ Reduce Unsightly Algae
- ◆ End Foul Odors
- ◆ Reduce Muck Accumulation
- ◆ Inhibit Mosquitoes & Midges
- ◆ Require Less Maintenance

BioSafe Systems

Simply Sustainable. Always Effective.

Tom Warmuth

Aquatics Technical Representative
Winston-Salem, NC

336.402.4449 • twarmuth@biosafesystems.com

Corporate Address
22 Meadow Street, East Hartford, CT 06108
toll free: 1.888.273.3088 • fax: 860.290.8802
www.biosafesystems.com



SILENT AUCTION

It's never too early to consider contributing an item to the NEAPMS Silent Auction Table at the Annual Conference in January.

For our **20th Anniversary**, we want this to be the best Silent Auction yet!

Need a few good ideas? How about these?

- GPS units
- Outdoor Recreational Equipment
- Gift Cards
- Top-Shelf Vermont Maple Syrup
- Fine Local Wine/Micro-brew Beer

100% of the Proceeds from the Silent Auction go straight to the Scholarship Fund!



INTEGRATED POND & LAKE MANAGEMENT
SOLAR AND ELECTRIC AERATION SYSTEMS • BENEFICIAL MICROBES

800.493.4831
www.keetonaquatics.com

KEETON INDUSTRIES
OTHER PONDS AND LAKES ARE GREEN WITH ENVY™

Silent Auction Questions

Please Contact:
Ann Bove (aabove@gmavt.net) or
John McPhedran
(john.mcphedran@maine.gov)



Check Out Our Website:
www.neapms.net

If you'd like to advertise in the Nor'Easter, please contact Glenn Sullivan

(gsullivan@solitudelakeom).

Both 1/4 page and business card-sized ads are available.

If you have any questions, comments, or suggestions, please reach out to a Director for discussion at our September Board Meeting.

See you in January for Our 20th Anniversary Conference!



ANNOUNCEMENTS

July 15-18, 2018:

APMS

Buffalo, NY

www.apms.org

October 30-November 2, 2018

NALMS

Cincinnati, OH

www.nalms.org

October 3-5, 2018:

SCAPMS

North Myrtle Beach, FL

www.scapms.org

November 5-7, 2018:

MSAPMS

Chattanooga, TN

www.msapms.org

October 15-18, 2018:

FAPMS

Daytona Beach, FL

www.fapms.org

November 26-28, 2018:

TAPMS

San Antonio, TX

www.tapms.org