

# The Obligate

Maine Association of Wetland Scientists

c/o Danielle Tetreau, Stantec,  
30 Park Drive, Topsham, ME  
04086

American bittern artwork copyright 1991 by Nancy Derey

## President's Message *Jeff Simmons*

Greetings colleagues and friends! It is hard to believe that the first year has already passed in my tenure as your President. A busy year it has been! As I reflect on all that the MAWS EC has been involved in over the last year, one thing is clear – legislative issues were front and center in dominating our time. To remind everyone, here are some of the bills we followed over the past legislative session:

- LD156 – An Act To Clarify the Regulation of Impacts to Significant Vernal Pool Habitats under the Natural Resources Protection Act
- LD219 – An Act To Amend the Laws Governing Shoreland Zoning
- LD341 – An Act To Exempt Artificial Wetlands and Artificial Significant Vernal Pool Habitats from State Regulation
- LD872 – An Act To Clarify the Natural Resources Protection Act
- LD1031 - An Act To Amend the Laws Governing Significant Wildlife Habitat

The MAWS EC discussed the details of these bills as they were introduced or came to light, and provided testimony in some cases. Given that much of this spilled over into the spring (the busiest time of year for many), and that it involved such a large number of bills, it took considerable effort just to keep up with what was going on. Because of the size of this legislative tracking effort, we collaborated with other organizations to share the burden, gathering background information, developing an understanding of the issues, and finally to prepare a response/testimony with other organizations, in particular The Wildlife Society. While many on the EC, and other individuals in the MAWS organization participated in the effort, Rod Kelshaw was definitely on the front lines. Rod unselfishly gave his time and

energy during the busy spring field season, and did a tremendous job staying organized, keeping everyone on the EC informed, and conducting research and implementing follow-up actions. For that, he has earned a huge debt of gratitude from the entire MAWS organization.

In addition to our efforts to track legislative activities this past year, the MAWS EC also began the process of investigating the interest and viability of merging with the Maine Association of Professional Soil Scientists (MAPSS). This process was initiated following the MAWS meeting last year when several individuals suggested that both organizations could benefit from merging. At last year's business meeting, the topic was discussed and it was determined that an ad hoc committee should be formed to investigate the advantages and disadvantages to MAWS. The committee was subsequently formed and held two meetings. At the conclusion of the second meeting it was determined that a thorough analysis of the rationale for merging, as well as pros and cons needed to be conducted. Unfortunately, we are still seeking interested individuals to lead the effort of collecting and analyzing the information for a MAWS and MAPSS merger. Until that has been resolved, further discussion on this issue has been tabled. We will keep the membership posted should things move forward.

Looking forward, we have another busy year planned. As you know, the Governor and legislature are continuing to propose changes to Maine laws that, regardless of where you stand, could have broad implications on our profession. I anticipate that the EC and Legislative Committee will once again have its hands full keeping track of proposed changes to laws and rules as they move through the process. We will be sure to keep the membership informed as we go forward.

Presented for March 29, 2012

*The Obligate* Volume 18, [www.maine wetlands.org](http://www.maine wetlands.org)

The Obligate is published by the Maine Association of Wetland Scientists. Submissions are encouraged.

Assembled by D. Tetreau February 2012

Consistent with previous years, the MAWS EC will continue to strive to provide frequent interesting educational opportunities. Aside from the fact that this provides us with opportunities to interact socially with our peers, workshops and other educational events allow MAWS members to keep up with the latest in science and regulatory changes in our field, as well as improvements in field methods or protocols. Equally important to many of us that are NH-certified wetland scientists, and/or Professional Wetland Scientists, the need for continuing education unit credits for purposes of maintaining certification is also an important reason for offering abundant opportunities for technical workshops. To that end, the EC has discussed possible topics to include wetland mitigation, conducting function and value assessments, and possibly professional ethics. We encourage anyone in the organization to make suggestions of topics of interest them.

Finally, going forward this year we are appealing to you the members to become more involved in MAWS. As you all know, our success as an organization depends on the involvement of each of you. There is no shortage of things to do, and the EC is always looking for new ideas and perspectives. We really could use help with a variety of support activities. If you can find the time, run for one of the open EC positions, help out organizing or running a workshop, or offer support to the legislative committee. There is a lot going on, and any support will be greatly appreciated. I encourage all of you to find some role in MAWS that will interest you, and that fits into your schedule.

I look forward to seeing you at the annual meeting, and hope you enjoy the presentations and discussions.  
Best regards,  
Jeff

**DON'T FORGET TO LOG ON TO**  
**[WWW.MAINEWETLANDS.ORG](http://WWW.MAINEWETLANDS.ORG) AND SIGN UP FOR THE**  
**MAWS EMAIL LIST**  
*Receive workshop and regulatory updates from the*  
*comfort of your inbox! Join the social media*  
*community at [www.facebook.com/MAWS.org](http://www.facebook.com/MAWS.org)*

## **Legislative Committee Update** *Rodney Kelshaw*

As everyone is aware 2011 was a busy year in the Maine State Legislature, and this was especially true for legislation pertaining to the environment and natural resources. Members of the committee and non-committee members worked hard while the legislature was in session to keep up on the latest information coming from the legislative committees and their ever-changing legislative schedule. We wrote and delivered public testimony during many hearings and workshops. This process was very time and information intensive so we sought out ways to maximize our efforts while getting the best information for our testimony. We worked with the Maine Chapter of The Wildlife Society (TWS) on legislation where we had common goals and in some cases submitted joint written comments from the two organizations. We also met with biologists from IF&W, and shared information with The Audubon Society and Natural Resources Council of Maine (NRCM).

One of my goals for this committee over the last year was to re-acquaint MAWS with the Maine state legislature and for them to look toward us as experts when they have questions regarding the environment and natural resources to help them base their decisions on sound science. We definitely made strides toward this goal. Thanks to many of our members for going to Augusta and sitting in hearings for hours and preparing our comments.

Some of the bills we commented on were LD 1 (omnibus bill with everything but the kitchen sink), proposed reforms to reduce the waterfowl/wading bird and significant vernal pool habitats, excepting man-made wetlands and vernal pools from State regulation, and drastic reductions in Shoreland Zoning.

- Changes to wetland rules/regulations failed
- They set up a working group that is in the process of changing Shoreland Zoning
- Efforts to reduce Significant Vernal Pool habitat widths failed
- Efforts to reduce wading bird and waterfowl habitat widths failed

During the hearings on these bills most parties agreed (including MAWS) that there are changes that can, and should, be made to some DEP regulations that would be

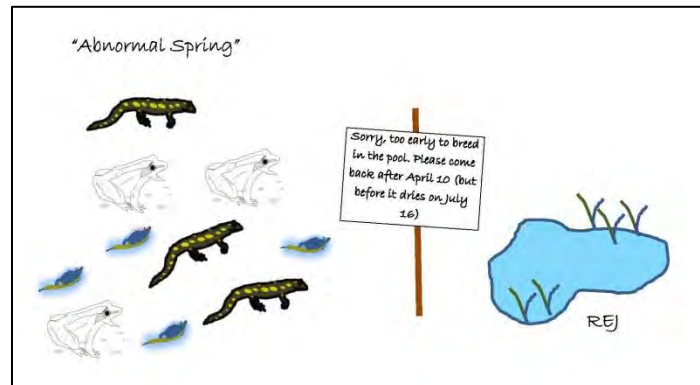
beneficial to applicants and yet not decrease the effectiveness of the rules to protect the target resources. Based on that premise changes were proposed to the PBR process regulating allowable uses within moderate IWWH. We recently teamed with TWS again and provided public testimony against the proposed changes. This issue is still on the floor and has not been finalized. As I did in the past year I will attempt to keep the membership abreast of proposed changes and meeting dates/times so people can be informed and involved.

As I noted in the last update, the Legislative Committee is developing a matrix or "Go-No Go-Policy" to help determine which topics MAWS will become involved with, such as: writing white papers and providing public comment. We want the process to be open, predictable, and will attempt to remove personal opinion when making these important decisions. This process is still ongoing.

If anyone has interest in being a member of the Legislative Committee, has topics or issues in which they believe we should act upon, or wants to be involved in developing the "Go-No Go-Policy" please contact me.

Email: [rkeshaw@boyleassociates.net](mailto:rkeshaw@boyleassociates.net)

Phone: (207) 944-6776



"Abnormal Spring" by Rich Jordan

### Ethics Chair Update

Laura Lapierre

Last year was a great year for Maine wetland research based on the number of stipend applicants. Seven students sent applications from regional colleges and universities with projects ranging from undergraduate theses to PhD dissertations. Many of the students' requests for funding were for transportation or field equipment. The executive committee voted on two stipend winners, splitting the \$1,000 funds.

Our first stipend winner, Ms. Brittany Cline, is researching amphibian movement in complex landscapes at UMO as a PhD candidate. Her goal is to understand how dispersal and migration of vernal pool dependent amphibians affects population dynamics and persistence. Ms. Cline is using her stipend award to develop a harmonic radar system (HDF) technology to track juvenile amphibian dispersal and migration. Ms. Cline is eager to display her results thus far at the annual meeting.

Jennifer Walsh, a PhD candidate at the University of New Hampshire at Durham, received funding for her thesis: "Monitoring the dynamics of the Saltmarsh-Nelson's Sparrow Hybrid Zone: Implications for Conservation of a Salt Marsh-Restricted Species". The award allowed Ms. Walsh to purchase additional temperature data loggers for determining nest fates, as accurate survival estimates for pure species and hybrids are a vital component of her research. Ms. Walsh successfully installed temperature data loggers in nearly 100 nests in Maine salt marshes last summer. From those nests she now has preliminary information on variations in incubation times and nest attentiveness for each species. Ms. Walsh thanks MAWS for the support.

### Savage Chickens

by Doug Savage

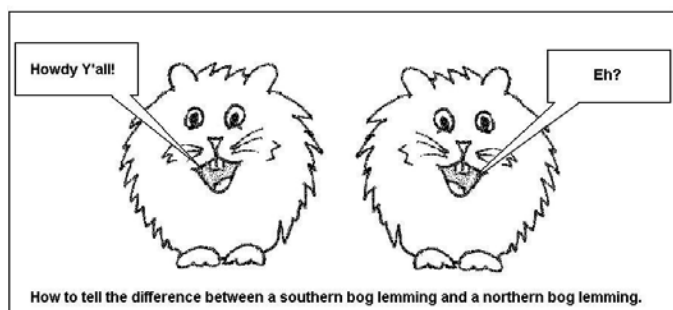


www.savagechickens.com

Our 2010 recipient, Ms. Sasha Greenspan has completed her Master's thesis this past December. She has submitted papers for publication in *Journal of Wildlife Diseases* and *Diseases of Aquatic Organisms*. Congratulations Sasha!

The 2012 stipend application was mailed out to an extensive list of college and university professors, as well as student members of MAWS. If you know of any student/professor whom may be interested in the MAWS wetland research stipend, please contact me at [llapierre@normandeau.com](mailto:llapierre@normandeau.com).

In other news, the NH Joint Board last March changed the education requirements for renewal of wetland scientist certification (NHCWS). Now two hours of the required 24 hours of continuing education must be in the area of professional ethics. The New Hampshire Association of Natural Resource Scientists (NHANRS) has to date incorporated professional ethics in two of their meetings at one credit hour each. Sarah Watts will discuss how that impacts MAWS workshops and how you can earn those ethics credits.

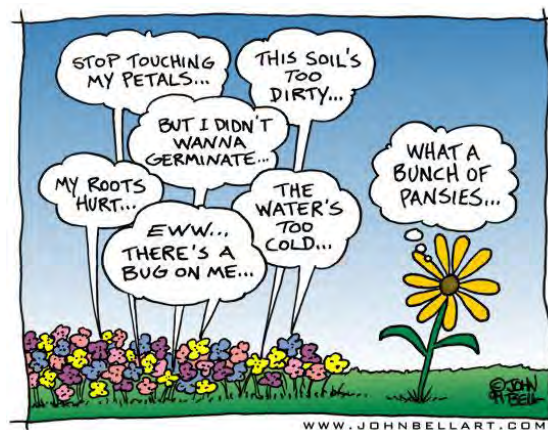


"Lemming Identification" by Laura Lapierre

**Membership Chair Update** Danielle Tetreau

Well, this is my last membership update. I've felt a bit like a lame duck this year both because of my responsibility as an employee has distracted me from actively pursuing MAWS duties and because I know someone else is taking this over in March. I have scanned everyone's original MAWS application to a pdf, paper versions will be recycled (last call if you want the hard copy of your application returned! I'll bring them to the annual meeting—come find me!). Look for continuing news and updates on the Maine Wetlands Facebook page and in the Maine Association of Wetland Scientists Group page! We're looking into an alternative method for sharing the springtime VP

observations but if nothing pans out we'll use the Facebook wall as the repository for that again in 2012. Watch your email for announcements. I may be wrapping up my tenure as Membership chair, but I'll continue to produce the Obligate and manage the social media outlets (in conjunction with Dave Brenneman, our new-ish Webmaster!).



**Botanical Briefing** Danielle Tetreau

I guarantee that not all of you anticipated the *Flora Novae Angliae* as I did but it's definitely a resource worth picking up. MNAP has adopted the nomenclature which is generally the technical terminology used for reporting and data forms. The following are just a few common plants some with very dramatic new names.

- The genus *Cornus* is now **Swida**, except *Cornus canadensis* is now **Chamaepericlymenum canadense**.
- Nyssa* is now included in the Cornaceae family.
- Lady fern is **Athyrium angustum** (now "narrow lady fern")
- Three-lobed beggar-ticks** has changed to **Bidens tripartita** from *B. comosa*
- Marsh cinquefoil** has changed to **Comarum palustre** from *Potentilla palustris*.
- Spotted Joe-pye weed** is now **Eutrochium maculatum var. maculatum** instead of *Eupatorium maculatum*
- Bayberry (now "small bayberry") has changed to **Morella caroliniensis** from *Myrica pennsylvanica*

**Wetland Haiku**                      Danielle Tetreau

*Water everywhere  
Hydric soil indicators  
Wetland plants present*

*Salamander eggs  
Fairy shrimp, wood frog egg mass  
Significant pool*

*Maine permitting woes  
Wildlife habitat is great  
But not in my yard*

**Program Chair Update**                      Sarah Watts

We have planned a great program for the MAWS Winter Conference and Annual Meeting this year, to be held on Thursday, March 29, 2012, at the Maple Hill Farm B&B in Hallowell. Our focus this year is based on Wetland Plants & Wildlife, and in addition to a wonderful lineup of speakers, we can look forward to hearing about the great work the 2011-12 MAWS stipend winners are doing! We put together a conference program that will include regulatory updates from Maine DEP and USACE; the wildlife and wetlands focused student speakers; an expectantly captivating talk about sedges; a foray into wildlife and politics; a discussion of publicly available wildlife-related data; “everything” you need to know about environmental ethics; and a plug by Envirothon for the good work they do training the next generation of environmental leaders. The included agenda has more detail. We included a one-page scenario sheet – everyone is encouraged to provide an actual scenario that the group can discuss during the ethics presentation.

Regarding the award of Continuing Education Units (CEUs) for the MAWS Winter Conference and Annual Meeting and any other event, MAWS will provide certificates of attendance for our events that include the associated time spent. However, for anyone that is a NH Certified Wetland Scientist or Certified Soil Scientist, the NH Joint Board has changed their process for tracking credits, and they no longer pre-approve any education courses or provide input on whether the NH Joint Board for Natural Resources would recognize a particular workshop for continuing education re-certification credits. The system has changed from

issuing continuing education “credits” to self-tracking number of credit hours and self-reporting at the biennial renewal. More info here: <http://www.nh.gov/itboard/nsceu.htm>.

I inquired with the NH Joint Board for clarification on whether a particular workshop would qualify for re-certification credits for a CWS, however I was informed by their Program Specialist (who formerly approved CEUs) that: “The NH Joint Board will follow what is stated in the Administrative Rules, that all courses need to be technical (with their science), ethical or managerial in content. All technical content needs to apply to the state of NH. 24 total credits need to be earned in a 2 year period; of the 24 at least 2 hours need to be in ethics.”

One can assume that the NHANRS meetings certainly would qualify for re-certification credit hours, and they have informed us that they would only credit courses related to New Hampshire state regulations. Therefore, regulatory workshops focused on other New England states would not count. However, any technical workshop that is wetland science related would be counted towards credit hours.

Speaking of ethics (sort of), there is an online class called Ethics and Conduct for the Licensed/Certified Professional Soil Scientist that is available through the Soil Science Society of America (SSSA): <https://www.soils.org/certifications/cpsc-cpsc/self-study>. Scroll down to the bottom of the Continuing Education Seminars section of the Self-Study Exams page, and you will see this course. You don’t have to be a Soil Scientist or member of SSSA to take the class. You can sign up for an account online and pay the \$25 to take the course. Then take the test and get an email saying that you completed it! It’s worth 1 credit hour, and would fulfill 1 of the 2 credit hours in ethics need per 2-year period. Thanks to Steve Howell of SW Cole Engineering, Inc. for this valuable info!

In September, MAWS, the Maine Association of Professional Soil Scientists (MAPSS) and Maine Association of Site Evaluators (MASE) sponsored, a multi-faceted High Intensity Soil Mapping and Site Evaluator Soil Pit Classification and Wetland Delineation Workshop. It was held at the University of Maine Forest in Orono, Maine. The workshop included visiting several field sites where participants had the choice of

focusing on soil mapping, wetland delineation, or site evaluation. Monitors were present at each site to assist with the evaluations/determination and answer questions. This was followed by afternoon discussions, breaking into three focus groups lead by a moderator. Overall it was well attended and an interesting and thought-provoking workshop. Thanks to Johanna Szillery at MAPSS for spearheading, and many others for their involvement in this workshop!

In November, Rich Jordan organized the first "MAWS After Dark" event! It offered an opportunity to learn from an epidemiologist from Maine Department of Health and Human Services about the status, facts, and myths surrounding Lyme disease in Maine. This event was held at Avant Dance and Event Center on Spring Street in Westbrook ([www.avantmaine.com](http://www.avantmaine.com)). The event offered opportunities for networking, socializing, and learning. This event was provided free and open to anyone. Thanks to Rich for organizing, and we look forward to future MAWS After Dark events!

This month, Danielle Tetreau organized a Winter Twig Identification Workshop, taught by Lauren Stockwell, past MAWS President and workshop instructor for the Coastal Maine Botanical Garden and the New England Wild Flower Society. The event will be held Wednesday 29 February 2012 at the Coastal Maine Botanical Garden, Boothbay Harbor, Maine. Participants will expect to spend some time out in the garden seeing actual winter twigs! This sounds like a great workshop! Thanks to Danielle for putting this together.

**If anyone would like to assist in organizing workshops and activities for MAWS, please contact the Program Chair, Sarah Watts ([sarah.watts@tetrattech.com](mailto:sarah.watts@tetrattech.com)) or (207) 879-9496. She could use your help! ☺**

## 2011 Annual Meeting Minutes

Steve Knapp

**Subject:** Maine Association of Wetland Scientists (MAWS) Annual Meeting

**Date:** March 24<sup>th</sup>, 2011

**Time:** 8:30 AM – 3:40 PM followed by a MAWS Executive Committee Business Meeting from 3:40-5:00 PM

**Location:** Maple Hill Farm Bed & Breakfast and Conference Center, Hallowell, Maine.

**Attendees:** MAWS Membership, Executive Committee, and Guest Speakers (approximately 80 attendees)

The Maine Association of Wetland Scientists (MAWS) held its annual meeting on March 24<sup>th</sup>, 2011 at the Maple Hill Farm Bed & Breakfast and Conference Center in Hallowell, Maine. The morning session consisted of five speakers given by local professions and three MAWS stipend winners; each followed by an interactive discussion.

8:00-8:45 Registration, welcome, and introduction of speakers

8:45-9:30 ***The Floristic Quality Index: A New Tool for Wetland Assessment in Maine***, Andy Cutko, Maine Natural Areas Program. Andy provided an overview of the Floristic Quality Index (FQI). The index, a cooperative effort by agencies, private individuals, and others, will provided a quantitative standardized method for to measure wetland integrity. Based on prescribed "Coefficients of Conservatism" given to each species of the region, the FQI allows a numerical value to be calculated for a given survey area (or plot). This number relates to the habitat's uniqueness (*i.e.*, a red maple swamp with a high percentage of invasive will rate much lower than a pristine white cedar swamp). Some possible uses for the FQI include measuring mitigation success (against a reference site), identifying high quality reference sites, or measuring a baseline for long term monitoring. Andy noted that the FQI should be ready for use sometime this fall (check the MNAP website for additional information: <http://www.maine.gov/doc/nrimc/mnap/>).

9:30-9:55 ***Ecological implications of the invader Myriophyllum heterophyllum on Maine lakes***, Jacolyn Bailey, University of Maine, Orono, MAWS 2008 Stipend Winner. Jacolyn presented information on the implications of aquatic invasives and outlined future plans for her research. Currently there are 5,000 introduced species in the U.S. of those 90 are aquatic species, 5 of which currently occur within a small subset of Maine's lakes. Currently there are 32 documented infestations of variable leaf milfoil (VLM) in Maine, likely introduced some 30 years ago. Her research will occur on 4 lakes (Arrowhead, Messalonskee, Pleasant Pond, and Thompson Lake) will look at a wide range of biotic responses to VLM to determine the ecological implications of the invader and whether control of the species is necessary in areas not used for recreation.

9:55-10:15 **Break**

10:15-10:40 ***Frogloggers and Fish: Five Years of Amphibian Research in Maine's Fishless Lakes***, Amanda Shearin, University of Maine at Orono, MAWS 2009 Stipend Winner. Amanda presented findings related to the use of new remote sensing frog call recording technology as well as data from her research in Maine's fishless lakes.

10:40-11:05 ***Infection and transmission of a fungal pathogen in bullfrogs and wood frogs***, Sasha Greenspan, University of Maine at Orono, MAWS 2010 Stipend Winner. Sasha presented early findings from her research related to fungal pathogens of bullfrogs and wood frogs. Results from her research suggest that bullfrogs may act to transmit fungal pathogens to the more susceptible wood frogs. In lab experiments the introduction of infected bullfrogs resulted in a cascading infection resulting from exposure of infected bullfrogs to wood frog tadpoles and then subsequent transmission from wood frog to wood frog.

11:05-12:05 ***The Future of Maine DEP***, Darryl Brown, Current Maine Department of Environmental Protection Commissioner. Darryl outlined a number of the current changes proposed for both the DEP as well as a number of the current changes pertaining to environmental laws within the state. Darryl stressed the importance of streamlining the DEP as well as the regulatory process. In addition he mentioned a re-organization of the DEP website, a new Regional Manager for the Portland Maine DEP Office, decreasing the review time for all projects, and pursuing home rule. Future challenges for the DEP will include a loss of funds as a result of fewer fees, a loss of approximately 16% of DEP employees as a result of potential early retirement, and potential savings as a result of reigning in I.T. costs. The goal of the DEP for the next four years is one of balancing the environment with development.

12:05-1:05 **Lunch**

1:05-1:50 ***Discussion of 2011 Maine Legislation Regarding Natural Resources***, Rodney Kelshaw and Dale Knapp, MAWS Legislative Committee. A brief presentation of proposed changes contained within a number of L.D.s going before the Legislature.

1:50-2:35 ***High Elevation Soils, Hydrology and Wetlands: Wise Use and Management of Maine's Natural Resources***, David Rocque, Maine State Soil

Scientist. Dave presented on the topic of high elevation soils and common problems identifying soils with high levels of oxygenated water. Dave noted that it may be important to identify natural, disturbed natural, and created wetlands (e.g., deep ruts in an upland log yard) when working in areas with a presence of these conditions. In some cases impacts to rutted "wetlands" may be more desirable than damage to existing undisturbed habitats.

2:35-3:20 ***Potential Changes to Coastal Wetlands in Response to Sea Level Rise: An Analysis of Saco Bay***, Peter Slovinski, Maine Geological Survey. Peter presented findings from modeling work that identified potential problem areas as a result of a projected 2 foot rise in sea level over the next 100 years. The modeling helped to project possible costs as a result of damage to infrastructure. In addition the model showed a loss in high salt marsh as the low marsh extent increase.

3:20- 3:40 **Break** – Prior to the start of the business meeting Dale Knapp (outgoing President) thanked the membership for the opportunity to serve, there was much rejoicing.

3:40-5:00 **Annual Business Meeting**

#### **Executive Committee**

Nominees for the Executive Committee Positions Include:

President- Rich Jordan

Treasurer- Tim Forrester

Legislative- Rod Kelshaw

Secretary- Steve Knapp

There are no other nominees. Jeff moved to vote to accept the slate of nominees as written, it was seconded, all in favor by show of hands, vote carried.

#### **Committee Updates**

##### **Secretary's report:**

Not available

##### **Treasurer's Report:**

Kathleen asked if there were any questions from the membership, there were none. There was a motion to accept the Treasurer's report as written by Kathleen Miller as it appeared in the 2011 Obligate. It was seconded, all in favor, the motion carried.

##### **Ethics Report:**

Laura Lapierre noted that application for the MAWS stipend was sent earlier this year in hopes of collecting more responses from students. A brief discussion of potential ways to improve student response followed. Possibilities mentioned included high school students, teachers, or donations. It was agreed that further discussion was required.

Jeff moved to approve the stipend amount of \$1,000.00 for 2011 and \$1,000.00 for 2012. The motion was seconded, all in favor, the motion carries.

Dale Knapp moved to approve a \$1,000.00 donation to the Envirothon. The motion was seconded, all in favor, the motion passes.

#### Legislative Report

Legislative discussion was moved until the later part of the business meeting, following the program update.

#### Membership Report

Danielle Tetreau provided an overview of the 2011 membership, which included the addition of 19 new members.

There was a motion to accept the changes to the MAWS membership form as published in the 2011 Obligate. The motion was seconded, all in favor, the motion passed.

There was a motion to accept changes to the MAWS constitution, as published in the 2011 Obligate. Kathleen Miller noted that the wording should be changed to read (change is underlined and italicized):

“Item 4. Must provide proof of student status (any of the following may be used: copy of current student ID, copy of a transcript or the last semester’s grade report or a letter of recommendation from the applicant’s academic advisor) or provide an academic reference on the application.”

The motion was made to accept the changes. The motion was seconded, no opposed, the motion carries.

#### Program Report

Sarah Watts outlined workshops completed in 2010. In addition she outlined potential workshops for 2011. Possible workshops discussed are:

A workshop by Arthur Haines at the Delta Institute (TBD)

A sedge ID workshop by Matt Arsenault

In-Lieu Fee Program workshop (TBD)

A review of salt marsh restoration projects (TBD)

Stream crossing workshop (TBD)

Dave Rocque also noted that he will be conducting another workshop in 2011. Details to be determined.

#### Other Items

Significant discussion occurred related to MAWS involvement with the current round of proposed changes to environmental laws. It was noted by many that the changes to proposed legislation were occurring so quickly that direct involvement of all of the membership is not possible. Many agreed that MAWS should play a role in the current discussions pertaining to the proposed changes.

Jim Boyle made a motion that MAWS support the 250’ zone around significant vernal pools not the 75’ proposed zone around vernal pools. There was discussion. The motion was seconded, 22 in favor, 1 opposed, 3 abstaining, the motion passed.

Dale Knapp made a motion to allow the Legislative Chair to function with the Executive Committee to provide testimony on other LDs on the behalf of MAWS.

An amendment was made to allow the Legislative Chair to appoint a designee in the event that the Chair is unable to attend a hearing/meeting. The motion and amendment was seconded. None opposed, the motion passes.

An ad hoc committee was formed to investigate the possibility of a MAWS MAPSS merger.

Jeff moved to close the meeting. It was seconded and the motion carried. Meeting adjourned at 5:23 pm.

Respectfully submitted by:

Steve Knapp, MAWS Secretary March 28 2011



**MAWS Financial Statement - FY 2012  
From February 11, 2011 - February 11, 2012**

Respectfully Submitted to MAWS Membership, February 13, 2012, by Tim Forrester, Treasurer

	Beginning Balance 2/11/2011	\$5,326.12
	Ending Balance 2/11/2012	\$3,692.50
<b>INCOME</b>		
2011 Annual Meeting		\$3,120.00
Workshops (VP, Twig ID)		\$130.00
Membership Dues		\$2,725.00
	<b>TOTAL INCOME</b>	<b><u>\$5,975.00</u></b>
<b>EXPENDITURES</b>		
2011 Annual Meeting		\$3,433.65
Envirothon Grant		\$1,000.00
Student Research Grant		\$1,000.00
Workshops (VP, Twig ID, Tick-Talk)		\$1,437.11
Other (Bank Fees, PO Box, Postage, Obligate)		\$333.47
Other (MAWS Stickers)		\$219.95
Miscellaneous		\$566.10
	<b>TOTAL EXPENDITURES</b>	<b><u>\$7,990.28</u></b>

**Annual Business Meeting Agenda  
Thursday, March 29, 2012 4:00 – 5:30 PM  
Maple Hill Farm B&B, 11 Inn Road, Hallowell, ME**

1. Executive Board and Standing Committee Updates
2. Vote on Stipend Award
3. Vote on Envirothon Award
4. Election

Executive Committee:

- President: Jeff Simmons (tenure expires at 2013 Annual Meeting)
- President Elect: Rich Jordan (to become President at 2013 Annual Meeting)
- Secretary: Steve Knapp (Interim status through 2011) **Nominees\* for Secretary: Steve Knapp**
- Treasurer: Tim Forrester (tenure expires at 2013 Annual Meeting)
- Ethics Chair: Laura Lapierre (tenure expires at 2012 Annual Meeting) **Nominees\* for Ethics Chairperson: Laura Lapierre**
- Legislative Chair: Rodney Kelshaw (tenure expires at 2013 Annual Meeting)
- Membership Chair: Danielle Dyer (tenure expires at 2012 Annual Meeting) **Nominees\* for Membership Chair: Katelin Nickerson**
- Program Chair: Sarah Watts (tenure expires at 2012 Annual Meeting) **Nominee\* for Program Chair: Sarah Watts**

**\*Nominees for all open positions will be accepted from the floor**

5. Update from the Ad-Hoc-Committee:
  - MAWS/MAPSS Merger
7. Open floor
8. Adjourn

**Maine Association of Wetland Scientists  
Winter Conference & Annual Meeting  
Thursday, March 29, 2012  
Maple Hill Farm B&B, 11 Inn Road, Hallowell, ME**

The Maine Association of Wetland Scientists will be holding its annual meeting at Maple Hill Farm in Hallowell. For directions go to <http://www.maplebb.com/>. Registration for MAWS members is \$45 (not including annual dues); for non-members \$50, and for students \$20. Members, please take this opportunity to continue your support of MAWS by paying your annual dues. **Please complete the attached registration form and return to MAWS by March 16th.**

**WETLAND PLANTS & WILDLIFE  
DRAFT AGENDA (times or order may change)**

8:00 – 8:30	<b>Registration</b>
8:30 – 8:45	<b>Welcome, Introduction of Speakers</b>
8:45 – 9:25	<b>DEP Regulatory Update</b> , Mike Mullen, Maine Department of Environmental Protection
9:25 – 10:05	<b>USACE Regulatory Update</b> , Jay Clement, U.S. Army Corps of Engineers New England District
10:05 – 10:20	<b>Break</b>
10:20 – 10:40	<b>Juvenile amphibian movements in complex landscapes: Insights about dispersers from forest experiments and technological innovations for direct-tracking</b> , Brittany Cline, University of Maine – Orono, MAWS 2011 Stipend Winner
10:40 – 11:00	<b>Characterizing hybrid zone dynamics between Saltmarsh and Nelson's Sparrows</b> , Jennifer Walsh, University of New Hampshire – Durham, MAWS 2011 Stipend Winner
11:00 – 11:45	<b>Charismatic Sedges: An Update on the <u>Cyperaceae of Maine</u></b> , Matt Arsenault, Stantec
11:45 – 12:45	<b>Lunch</b>
12:45 – 1:25	<b>Ducks, Frogs, and Politics: An Oddly Volatile Mixture</b> , Nick Bennett, Natural Resources Council of Maine
1:25 – 2:05	<b>The Dark Side of Data Sharing</b> , Donald Katnik, Maine Department of Inland Fisheries and Wildlife, Habitat Group Leader
2:05 – 3:05	<b>Ethics in Professional Practice: An Introduction to What You Need to Know</b> , Grace Garvey, Abenaki Services
3:05 – 3:45	<b>Envirothon: Laying the Groundwork for Maine's Next Environmental Leaders</b> , Tish Carr and Dave Rocque, along with various administrators and educators affiliated with Envirothon
3:45 – 4:00	<b>Break</b>
4:00 – 5:30	<b>Annual business meeting</b>

We will provide separate certificates of attendance for the conference and annual business meeting with the associated time spent, but CEUs for NH are tracked individually now.

If you have any questions, contact MAWS Program Chair, Sarah Watts @ (207) 879-9496, or by email [sarah.watts@tetrattech.com](mailto:sarah.watts@tetrattech.com).

**MAWS 2012 ANNUAL CONFERENCE  
Professional Ethics  
Case Studies / Scenarios**

**Case studies will be confidential; the facilitator will not know who sent them.  
Pose your real or fictitious scenario below:**

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Please email to:

[everwinter@rocketmail.com](mailto:everwinter@rocketmail.com) with "MAWS 2012" in the subject line

Or mail to:

Abenaki Services  
812 Texas Hill Road  
Plymouth, NH 03264

Attention: "MAWS 2012"

**Maine Association of Wetland Scientists  
 Winter Conference & Annual Meeting  
 Thursday, March 29, 2012  
 Maple Hill Farm B&B, 11 Inn Road, Hallowell, ME**

**REGISTRATION FOR MAWS WINTER CONFERENCE & ANNUAL MEETING**

Please mail registration form and payment to: **Tim Forrester, c/o MAWS Treasurer, 135 River Road, Woolwich, ME 04579**. Any questions, please feel free to call or email Sarah Watts, MAWS Program Chair, Phone: (207) 879-9496, Email: sarah.watts@tetrattech.com.

Registration and check should be received by March 16, 2012. Make checks payable to MAWS.

Name: \_\_\_\_\_ Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_ City/State: \_\_\_\_\_

Telephone and/or e-mail address: \_\_\_\_\_

**Registration fee**, which includes food and facility charges:

MAWS member:	\$45*	_____
Non-members:	\$50	_____
Student:	\$20**	_____

\*2012 Dues must be paid in full to receive membership rate for this event.

Membership is valid from January 1 to December 31. If you have questions about your status please email danielle.tetreau@stantec.com

\*\*Proof of student status must be provided with registration.

**I would like to apply for membership; a completed application is included with my registration**

**Current MAWS Members Annual Dues:**

Active:	\$25	_____
Affiliate:	\$15	_____
Student:	\$10	_____

Total Payment: \_\_\_\_\_

We will provide separate certificates of attendance for the conference and annual business meeting with the associated time spent, but CEUs for NH are tracked individually now.

	<b>Conference</b>	<b>Business Meeting</b>
<i>Please indicate if you need a certificate of attendance (circle selection):</i>	Yes      No	Yes      No
<b>No Refunds for Cancellations</b>		