

## **Orono Bog Boardwalk Annual Report 2011**

On Friday, November 25, 2011 the Orono Bog Boardwalk closed the gate on another successful season of serving as the premier nature destination for those living in the Greater Bangor Area. This closing date was earlier than usual because snow and ice conditions made the Boardwalk unsafe. This marked the end of our 9<sup>th</sup> season. Although we do not yet have the total number of visits to the Boardwalk this year, we feel confident it was over 35,000. We know that our electronic counter tallied over 13,000 visits in May and June alone. In the sections below we provide detailed information about publicity and events attended, docents and student intern, guided group walks, nature walks, maintenance, Boardwalk finances, the capital campaign, the composite future, the Boardwalk user survey, the Friends group, interpretative signs, and the Boardwalk camera. We feel fortunate to have a core group of volunteers that have stayed active over the years and a number of new volunteers who joined us this year. However, we realize that as with any volunteer-run organization, it is important to increase our volunteer base. That will be one of our goals for the coming year. The other goal will be to continue to raise funds for the replacement of the Boardwalk with long-lasting composite material.

As Director I would like to thank the many individuals who have volunteered their time this past year. I would like to thank the group leaders and Management Team: Joan Martin (scheduling and volunteer coordinator); Phil Locke (maintenance coordinator); John Maddaus and Sue Priest (guided tours coordinators); Jerry Longcore (Orono Land Trust representative to the Management Team, endowment fund raising coordinator); John Daigle (University of Maine representative to the Management Team, student intern coordinator); and Tracy Willette (City of Bangor representative to the Management Team). I would like to thank all of the docents and guides who have contributed greatly to the operation and mission of the Boardwalk. A complete list of these dedicated volunteers can be found in Appendix 1 at this end of this report. This year we again calculated the total number of hours our volunteers worked at or for the Boardwalk. Volunteers donated 3,143 hours of work. Using the figure of \$16.53/hour as a benchmark value for a volunteer hour in Maine (as reported by Independent Sector ([http://independentsector.org/volunteer\\_time](http://independentsector.org/volunteer_time))), we will be able to report \$51,953 of in-kind support when completing grant proposals. At the end of the year, longtime Boardwalk volunteer John Daigle resigned from the Management Committee. John started his Boardwalk volunteering effort helping to build the Boardwalk and also helped re-install the first 16 sections. He served as the Boardwalk's second Director as well as the University of Maine representative to the Management Committee. He also installed and maintained our counter over the years. All of us owe John our gratitude for his many years of dedicated service to the Boardwalk. Dean Edward Ashworth (UM College of Natural Resources, Forestry, and Agriculture) appointed Mark Anderson, Senior

Instructor in the School of Economics, University of Maine to replace John as University of Maine Representative to the Management Committee. Mark was until recently the Coordinator for the Ecology and Environmental Sciences Program at the University. We welcome Mark to the Management Committee.

Our year at the Boardwalk was very successful in many ways, as can be seen in the sections below.

### **Publicity, Events Sponsored or Attended, and Other Activities:**

For the second consecutive year all incoming first year students at the University of Maine were required to volunteer time at area non-profit organizations. Ten University of Maine incoming students worked at the Boardwalk for 2.5 hours on August 27<sup>th</sup>. The students did an excellent job trimming vegetation away from the Boardwalk and making sure that shims were properly placed and that individual Boardwalk sections were aligned.

Boardwalk volunteers held their 8<sup>th</sup> annual Orono Bog Boardwalk Yard Sale on June 18<sup>th</sup>. This yearly event typically attracts hundreds of “yard salers” to look for bargains. This year we had over 30 families donate items to the sale and our first customer arrived before 6am! Twenty-nine volunteers helped set up and staff the yard sale throughout the day and the result was over \$4,300 for our Boardwalk operations account. This was the most we have ever raised at our yard sale. Our eight yard sales have raised over \$26,000 for the Boardwalk. Lynn DeGrenier of the ENCore Leadership Corps, University of Maine Center on Aging helped us get the word out through posting yard sale information on a variety of online and broadcast community bulletin boards. She is one of several volunteers to help at the yard sale this year (see Appendix 2 for a complete list of those who helped this year). I would like to especially acknowledge two volunteers: Jerry Longcore who has co-led all 8 yard sales works many hours helping to pick up the donations before the sale and on the day of the sale he is there from 5am to 7:30pm; and Mary Bird who has worked all 8 yard sales and “puts up” with a house full of donations for up to 6 weeks prior to each sale. She has also worked from 4am-7:30pm the day of each sale and many hours in the weeks after the sale helping to “donate” unsold items to area non-profits. The fact that this yearly event is so successful reflects on the good work of all who donate items and the volunteers who help. Thanks to all!

Jim Bird gave a presentation to a class at the University of Maine Senior College. One of the attendees, Mary Andrews, has since become one of our docents. Jim was invited to speak at the Bangor Lions Club on June 22<sup>nd</sup>. As a result of this talk, the Lions donated \$500 to the Boardwalk. This is the second time they have made a \$500 donation, having made one after a talk by Jerry Longcore a few years back. We are very grateful for their support.

For the past several years Boardwalk volunteers have participated in the AlphaOne Information Fair, this year held at the Brewer Auditorium on May 7<sup>th</sup>. This is a great opportunity to showcase the Boardwalk to the area's disabled community and others. Mary Bird set up our table and Boardwalk volunteers Jerry Ledwith and Jim Bird staffed it throughout the day. Several people stopped by to learn about the Boardwalk and tell us how much they enjoy access to a northern peatbog. Our Certificate of Appreciation from the Maine Disabilities Education Association was on display at our table.

On August 12<sup>th</sup> several members of the Boardwalk team gave a tour of the Boardwalk to new University of Maine President Paul Ferguson and his wife Grace and daughter Ginny. Those giving the tour and talking with President Ferguson about the Boardwalk were: Jim Bird, Jerry Longcore, Judy Round (University of Maine Foundation representative) and Fred Servello (Associate Dean for Research, representing Dean Edward Ashworth, College of Natural Sciences, Forestry and Agriculture). The tour was a great success.

On October 15<sup>th</sup>, Jim Bird took a tour of the Boardwalk with Lynn DeGrenier and the editor of the ENCorps eNewsletter as well as Adam Kuykendall, photographer. The walk was to highlight volunteer opportunities at the Boardwalk. As a result of this walk, a story appeared in the December 2011/ January 2012 edition of the ENCorp eNews (see <http://www.encoreleaders.org/2011/12/down-on-the-boardwalk/>)

For the fifth year, Boardwalk volunteers staffed a table at the University of Maine Page Farm and Home Museum Holiday Shoppe. This is a great opportunity to talk with visitors about the Boardwalk. We were able to make \$60 for the Boardwalk operations account through the sale of Boardwalk merchandise. We thank Patricia Henner, Director of the Page Farm and Home Museum, for hosting this annual event and look forward to next year's holiday shoppe.

Boardwalk volunteers also staffed an informational and merchandise sale table at the annual Orono Festival Days on September 10<sup>th</sup>. This was the 9<sup>th</sup> time the Boardwalk has been present at the Orono Festival Days. We were able to talk about the Boardwalk with scores of people that stopped by our booth. We also made over \$400 selling our calendars, t-shirts, and hats.

Ron Davis, the Boardwalk's founder, first director, and active Boardwalk volunteer, produced a 2012 Boardwalk calendar this year. The calendar was very well done with excellent photographs of a variety of bird species. The Boardwalk paid for the printing of 50 calendars and Ron Davis paid for printing 50 more. Ron generously donated the net proceeds of the sale of his 50 to the Boardwalk. As of this writing, there are 9 calendars available from the Boardwalk's original 50. Thanks Ron.

We produced a new Boardwalk hat this year. Working with Advertising Specialists of Bangor and its co-owner Stefani Berkey, we fashioned a hat with a Muskeg Darner (dragonfly). We had 72 hats made and have sold a good number of them by the time the Boardwalk closed in November. We thank Stefani Berkey for working with us and for her company's monetary donation to the Boardwalk.

In the Fall of 2010, Jerry Longcore, John Maddaus, Sue Priest, and Jim Bird met to discuss drafting a grant to the Bangor Savings Bank Foundation to support Boardwalk education. Jim Bird took the ideas generated at this meeting and drafted a grant proposal. As a result, we were awarded \$2000 by the Foundation. We have hired Sue Priest to complete her education lesson plans. We will be also be using some of this money in the coming weeks to purchase Boardwalk bookmarks with photographs by Al Larson and text by Sue Priest. We will be giving these bookmarks to students who visit the Boardwalk on class trips. We are very grateful to the Bangor Savings Bank Foundation for this support.

Every Boardwalk season we have visitors who ask questions about our water pipe at Station 6. There is a brief explanation on the Station 6 information kiosk but there are still question about what the pipe shows. Volunteer Justin Poland crafted a new sign that explains how the water pipe works and what it shows. He drafted the explanation and visuals and installed it. Thanks Justin!

Over the years we have held out a number of interesting and valuable items from the Boardwalk yard sale hoping we would have another silent auction. After a five year hiatus, Boardwalk volunteers held a silent auction/potluck supper at the Orono Senior Center on October 15<sup>th</sup>. We received more than 30 additional donations from the Bangor/Orono/University of Maine community and 60 people attended the event. We made over \$1,300 for Boardwalk operations. We hope to make this an annual event as it had been up until 2005.

### **Docents and Student Intern:**

Docents are volunteers who daily open and close the boardwalk gate, greet visitors, inform users of boardwalk rules, maintain the appearance of the cabin and Boardwalk, answer visitor's questions about bog natural history, sell boardwalk t-shirts, hats, calendars, and other items, provide local area information and insight, and generally oversee the day-to-day workings of the Boardwalk. Without these volunteers, a visit to the Boardwalk would be a much less satisfying experience. A complete list of Boardwalk docents can be found in Appendix 1. We were very fortunate to have Joan Martin again as our docent calendar scheduler this year. For the second year in a row we did not have a regular docent trainer. Joan Martin, Sue Priest, and Jim Bird stepped in to fill this gap. This position is very important to the smooth operation of the Boardwalk and we will be actively looking for someone to take this position for the 2012 season. Additionally, a

seasonal Student Intern, who is paid, provides critical assistance when needed most. She/he receives on-the-job experience, which is usually related to their chosen field of study, often that of park management and outdoor recreation or ecology/biology. This year we were very fortunate to have our wonderful student intern – Sue Priest, a biology undergraduate at the University of Maine – back again. This is Sue’s third and final year as Boardwalk intern. Sue has been involved in almost all aspects of Boardwalk operation from being a dedicated docent to helping with maintenance, recruiting guides for our tours as well as leading some tours. For the second consecutive year, Jim Bird and John Daigle nominated Sue for Student Employee of the Year at the University of Maine. Although she did not win this award, Sue was honored along with other nominees at a reception at the Wells Convention Center, University of Maine. Sue was also honored as a distinguished nominee for the Edith Patch Award in recognition to her promise for future contributions to science, agriculture, engineering, or environmental science. All of us owe Sue our gratitude for all that she has meant to the Boardwalk over these past three years and we wish her well in her future pursuits.

#### **Guided Group Walks** (contributed by John Maddaus and Sue Priest):

At the start of the season Ron Davis led an educational natural history of the Bog tour for new and experienced docents and guides. John Pickering did an educational training for interested guides on how to guide bog walks for children. Both were well attended. New guides were encouraged to gain more knowledge by trailing expert guide Jerry Longcore on one of the organized children’s tours. Several new guides were trained to lead group tours this year: Kourtney Collum, Karen Conlin, Kelly Fitzgibbons and Carrie Emerson. After training Kourtney Collum continued on through the season and became a wonderful addition to our small group of bog walk tour guides. Thanks to docent Jerry Ledwith for filling in once this year as a guide without having had guide training.

There were 40 guided tours of the boardwalk in 2011, with a total of about 1060 participants. These included groups from K-12 schools, universities, and community groups. The university tours were led by faculty members of the university courses, while most other tours were led by volunteer tour guides. The peak months for tours are May, June, September, and October. Tour guides focus on different ecological concepts and plant species depending on the requests of the groups, the ages of the tour participants, and the season of the year. Additional tour guides are needed for the 2012 season. See Appendix 3 for a complete list of guided walks and Appendix 4 for a list of active guides this year.

#### **Nature Walks:**

Every year we arrange for a variety of “by reservation-only” nature walks led by experts in particular areas. In March or early April, potential leaders are contacted to see if they

would like to lead a nature walk related to their area of interest or expertise. See Appendix 5 for a list of our nature walks, leaders, and number of attendees for 2011. This year we added four new nature walks: Flowers, Insects, Poetry, and Lichens. We had 120 people participate in these “reservation-only” walks. This is a record number of people attending these walks. We thank all of our walk leaders for volunteering their expertise and time. A special thanks to Jim and Pat Hinds for donating an autographed copy of their book *The Macrolichens of New England* to the Boardwalk cabin nature library.

**Maintenance, Construction, Replacements** (contributed by Phil Locke):

As in other years, work was needed to get the boardwalk ready for opening on May 1, 2011. Work started in the first part of April with the maintenance team lead by Phil Locke.

The Maintenance Group was kept busy this season. They replaced an estimated 250 rotting deck boards; also repaired hand rails, toe rails, and benches. Most of this “carpentry work” and leveling was done by Phil Locke, Sue Priest, Jim Bird, Ron Lamb, Jerry Longcore, and Karl Hill. Ron Davis, Sue Priest, and Fred Kircheis did some scraping and repainting of the outhouse, hand rails, benches, and picnic tables. They trimmed back vegetation that was impinging on the boardwalk, kept the boardwalk (mostly) swept clear of fallen leaves and coniferous needles, and cut away the occasional tree that had fallen across the boardwalk. This season was especially wet, which necessitated frequent leveling of sinking floats; sometimes this required lifting away sections and placing cedar logs under the floats. Fred Kircheis twice used his truck and trailer to haul back a load of hemlock boards from Parker Brothers Lumber in Bradford, ME. He also hauled a replacement section from our storage unit at the Bangor International Airport to the Boardwalk.

Thanks to our new surveillance cameras, vandalism this season was limited to damage of four benches and theft of one of our “Do Not Pick” signs. This sign was found in December 2011 by Phil Locke about 40’ from its original place.

Encore Leadership Corps member Lynn DeGrenier, wrote and received another grant for \$200 to help us with our maintenance needs. Phil will be using these funds to augment our tools and other maintenance supplies.

Special thanks to Linda Ives and her partner for cleaning the outhouse most every Monday morning. Special thanks to Sue Priest for doing a bit of everything.

**Financial Information:**

**Fund-raising:** The Operating Fund began the year with equity of \$7,182.81. The Operating Budget is based on the current University of Maine 2011 fiscal year, which extended from July 1, 2010 thru June 30, 2011. During this period income was \$14,962.98 and expenses were \$10,751.46. Money pipe cash donations equaled \$2,781.59 and donations for T-shirts and other products equaled \$2,910.20. Temporary investment income was \$15.77. The largest expenses were for Student Intern Wages (\$2,471.79), Printing & Copying (\$438.52), Supplies and Materials \$2,524.23), and Telephone and Website (\$438.52). The increase in supplies and materials reflects the worsening condition of the boardwalk from effects of decay fungi.

Endowment Fund income was \$6,817.55 with identified donor gifts of \$6,044.00 and other income from various sources amounting to \$773.55. This year's Endowment income was \$1485.50 less than in 2010, despite the earnings from the fall Potluck/Silent Auction. This is because proceeds from the annual yard sale were deposited to the Operating Fund this year, rather than the Endowment, in order to support increased maintenance. The total fund principal as of December 31, 2011 was \$174,659.26, which is \$25,341 short of our \$200,000 goal. The Fair Market Value of the Endowment Fund at the end of December is not available.

Meetings were held to plan for an approach to raise funds for reconstruction of the Boardwalk with composites. This fund would be used to support professional fundraiser costs and to replace the existing wooden boardwalk with newly developed, longer lasting composite materials. At the end of December 31<sup>st</sup>, 2011, more than \$35,000 had been donated to the Capital Campaign Fund. During this year a "Friends of Orono Bog Boardwalk" was established with dues and donation income of \$2,565.00 from 82 payers, not counting additional family members. This group operates separately from the Boardwalk Management and volunteers (several Boardwalk volunteers are members of the Friends group), and has the University of Maine Foundation as its fiscal agent.

**Campaign Committee** (contributed by Wendall Tremblay):

Late in 2009 we began talking about the future of the Orono Bog Boardwalk. Maintenance had become an increasing problem. The frequent leveling of sections, affected by visitor traffic and changing water levels, was an on-going job and replacing boards on many of the 4' x8' sections in the shady, forested part of OBB was beginning to require a much larger amount of volunteer time.

In 2010 we realized that soon we would have to replace some whole sections as fungi, insects and other organisms of the bog environment were destroying the lower frameworks. Later that year we began looking at options for the future of the OBB. After much discussion we began planning to rebuild the Boardwalk with materials which would last longer than those used originally.

In 2011 we formed a working group to prepare a budget and plan a capital campaign. The total cost of the sections and additional pieces delivered to the beginning of the boardwalk was \$950,000 (approximate). The removal and transportation of the original sections, engineering, new signage, and fund raising brought the total cost to \$1,075,000 (approximate).

Later in 2011, with the assistance of the University of Maine Foundation, we engaged professional fundraising services and began soliciting gifts and pledging from members of the group.

A team of working group members began preparing and submitting proposals for grants, while other teams were created to beginning fund raising.

As we enter 2012 we have raised more than \$35,000 and have pledges of nearly \$10,000 to come in the future. We now have a \$25,000 challenge which will require another \$25,000 of gifts from individuals (to be raised by 6/20/2012) which will take us to about \$100,000 and at which time we will publicly announce our campaign.

Our teams are actively pursuing additional grants, gifts and pledges. We are confident that when the need is known our thousands of visitors and supporters will help us keep the Orono Bog Boardwalk open and free for the foreseeable future.



### **The Composite Boardwalk of the Future:**

For the past 2 years, members of the Boardwalk Management team have been discussing the replacement of the Boardwalk with more durable material. We have approached the Advanced Structures & Composite Center at the University of Maine for ideas. Not satisfied with that interaction, we approached Custom Float Services of Portland, ME. We connected with the general manager Scott Dyer and arranged a trip to Portland to talk about a composite Boardwalk. On March 4<sup>th</sup>, Jerry Longcore, Jim Bird, Ron Davis, Phil Locke, and Justin Poland, made the trip to Portland to meet with Scott. Scott invited Steve Merriam, design manager of Great Northern Docks, Naples, ME, to be present at the meeting. We met for much of the day discussing our requirements. Justin Poland created a detailed document describing the layout of the Boardwalk. Scott and Steve worked on a design for a number of months and on September 30<sup>th</sup>, they brought 2 prototype 8' sections to the Boardwalk. Along with the sections, they brought detailed schematics of a Boardwalk design utilizing composite material with aluminum supports. The price they have quoted (just over \$1,000,000) is what we are now using as a benchmark cost for Boardwalk replacement. The 2 sections are now on display near the Boardwalk cabin and we plan on creating a kiosk/poster to inform Boardwalk users about the deteriorating condition of the Boardwalk and what a new Boardwalk could look like in the future.

### **Boardwalk User Survey:**

In 2004 and 2010 Boardwalk volunteers conducted a user survey of Boardwalk visitors. The results of the two surveys were compiled and the final report was released on April 28, 2011. A comparison between the two surveys showed, among other things: 1) the age of Boardwalk visitors increased in the 20-29 year old group from 9.5% to 27.5% 2) those visiting the Boardwalk more than 10 times increased from 21.4% to 41%; 3) visitors that have attended a Boardwalk nature walk remain very low; 4) those walking or running to the Boardwalk increased 2 fold; 5) those preferring to visit the Boardwalk from 3pm to closing increased by 16%; and 5) in both surveys over 80% responded that a recreational experience like the Boardwalk was important, and that physical health benefits, family outing, and pleasure/fun remain the main reasons people visit the Boardwalk. Jim Bird compiled and wrote the document. We thank all of the docents who administered the surveys in 2004 and 2010. We thank Phil Pratt, Associate Director, and graduate student Deb Allen, both of Institutional Studies, University of Maine for help in tabulating the data and John Daigle, Jerry Longcore, and Ron Davis for reviewing the draft document. Those interested in reading the report should contact Jim Bird for a copy.

### **Orono Bog Boardwalk Friends Group** (contributed by John Pickering):

In April, 2011 the new "Friends of the Orono Bog Boardwalk" was launched. Currently there are 80 individual/family memberships with a total of about 140 Friends. Almost 90

percent of this group lives within 40 minutes of the Boardwalk. The rest of the memberships are scattered throughout Maine and 7 other states.

During the first 10 months of the Friends organization, two newsletters have been sent to members and another newsletter is planned for the near future. There have been no meetings of the membership, but a small group of directors has been busy finalizing the Bylaws and planning for the next general meeting to be held before the Orono Bog Boardwalk opens in May, 2012.

Plans are underway to enlist the help of willing Friends to raise money to support the Orono Bog Boardwalk Campaign.

### **Boardwalk Interpretative Signs:**

Over the years our seven interpretative station signs have become pitted and faded. Ron Davis asked the Deb DeQuinzio of the National Natural Landmarks Program (NNLM), National Park Service (NPS), if we could get replacement panels. Ron pursued this and this past year the Boardwalk was included in a NNLM/NPS proposal to have 7 new panels made. Ron worked closely with Ann Dieffenbacher-Krall of UM's Climate Change Institute who spent much time updating our sign files to get them ready for printing. The text of our signs was slightly revised and scientific name changes were made. The new panels have arrived and will be installed this spring. We thank very much Ann and Ron and NNLM/NPS staff member Deb DeQuinzio and Susie Haines, Exhibit Specialist, for our new interpretative panels.

### **Boardwalk Camera:**

As a result of the vandalism over Labor Day weekend in 2010 and the high level of publicity the vandalism generated, we were approached by Bryan Wells. Bryan builds motion-activated nighttime video cameras for watching wildlife. Bryan offered to build us a camera at cost (\$200). We accepted the offer. Both the City of Bangor (through Boardwalk Management Committee member Tracy Willette) and University of Maine's College of Natural Sciences, Forestry and Agriculture (through Dean Edward Ashworth) contributed funds to buy 2 cameras. After testing the camera at a management committee meeting late in 2010, Bryan, Jerry Longcore, and Jim Bird installed it at the Boardwalk in April 2011. For the entire 2011 season Bryan came out to the Boardwalk every 2-3 weeks (joined by either Jerry Longcore or Jim Bird) to change the camera batteries and take the card out to check the videos. The camera proved extremely useful when vandals struck the Boardwalk on the evening of July 24<sup>th</sup>. Four benches and our money box were damaged. The camera worked very well and Bryan was able to download footage of 4 young people entering the Boardwalk by climbing over or going around the gate just after 7pm the evening of the 24<sup>th</sup>. The video footage was downloaded and given to the Orono Police who circulated it in the print and TV media. Two of the young people came

forward and said that the two males had done the damage. One of the males skipped his court date and the other male, a juvenile, was sentenced to a 30 day suspended sentence and ordered to complete his General Education Degree. A second camera will be installed before we open on May 1, 2012. This work has become a model for other groups and organizations seeking to protect property from vandals. We have received many requests for information on our camera, all of which have been forwarded to Bryan. Thanks to Bryan Wells for his camera work and his service to the Boardwalk.

**Conclusion:**

As can be seen from above, we had an outstanding season at the Boardwalk. We have accomplished much this year. I look forward to our next season, expanding our volunteer base, increasing our educational outreach to area schools and other groups, and raising funds for Boardwalk reconstruction. It is a pleasure to serve as Director of the Orono Bog Boardwalk.

Jim Bird  
Director, Orono Bog Boardwalk  
February 10, 2012

## Appendix 1: Orono Bog Boardwalk Organizational Chart

<b>Orono Bog Boardwalk----Organizational Chart of Working Groups, Volunteer Staff and Advisory Committee, 10 FEB 2012</b>						
	<u>Working Group or Advisory Committee Members (X)</u>					
<u>Directorate</u>	<u>Fund-Raising / Public Relations /Cap Campaign</u>	<u>Maintenance / Construction / Replacements</u>	<u>Nature Walks / Speakers Bur. / Res. Permits</u>	<u>Guided Group Walks</u>	<u>Docent Scheduler / Student Intern</u>	<u>Advisory Committee / Friends Gp</u>
<b>Jim Bird, Director</b> University of Maine Office: 581-1697 <a href="mailto:Jim.Bird@umit.maine.edu">Jim.Bird@umit.maine.edu</a>	X Cap cmpg Speakers Bureau, Docent	X	Nature Walk Organiz er			X ex-officio
Tracy Willette, City of Bangor Phone: 992-4490 <a href="mailto:Tracy.Willette@Bangormaine.gov">Tracy.Willette@Bangormaine.gov</a>		X				
Mark Anderson, University of Maine Office: 581-3198 <a href="mailto:Mark.Anderson@umit.maine.edu">Mark.Anderson@umit.maine.edu</a>	X					
Jerry Longcore, Orono Land Trust Home: 866-3104 <a href="mailto:jinlongcore@myfairpoint.net">jinlongcore@myfairpoint.net</a>	Leader, Endowm ent Fd., Cap cmpg		Walk Leader, Speaker s Bureau	guide		FGp
<u><b>Committee Members</b></u>						
Allen, Lewis		X			Docent	
Andren, Richard					Docent	FGp
Andrews, Mary					Docent	FGp
Annis, Seanna			Walk Leader			
Barry, Jean					Docent	
Bird, Jim	X	X	Walk Leader		Docent	
Bracy, Jason						
Brehm, Laura					Docent maybe	

<b>Brogunier, Hope</b>		<b>X</b>			<b>Docent</b>	
<b>Burnett, Stephanie</b> <a href="mailto:sburnett@maine.edu">sburnett@maine.edu</a>	<b>581-2937</b>		<b>Walk Leader</b>			
Burns, Kathy		<b>X</b>			<b>Docent</b>	
<b>Carter, Daryl</b>		<b>X</b>			<b>Docent</b>	
<b>Carter, Kay</b>		<b>X</b>		<b>guide</b>	<b>Docent</b>	
<b>Collum, Kourtney</b>		<b>X</b>		<b>guide</b>		
<b>Conlon, Karen</b>				<b>guide?</b>		
<b>Davis, Ron</b>	<b>X, Cap cmpg</b>	<b>X</b>	<b>Walk Leader</b>	<b>guide</b>	<b>Docent</b>	<b>FGp</b>
<b>Davis, Lee</b>					<b>Docent</b>	<b>FGp</b>
<b>DeGrenier, Lynn</b> <a href="mailto:kayakcats@myfairpoint.net">kayakcats@myfairpoint.net</a>	<b>X yard sale publicity</b>					
<b>Diebold, Christine</b>					<b>Docent</b>	<b>FGp</b>
<b>Dieffenbacher Krall, Ann</b>		<b>X</b>				
<b>Dwyer, Donna</b>					<b>Docent</b>	<b>FGp</b>
<b>Ecker, Jim</b>		<b>X</b>				
<b>Ellis, Jerry</b>		<b>X</b>				
<b>Emerson, Carrie</b>					<b>Docent</b>	
<b>Fisher, Ellen</b>					<b>Docent</b>	
<b>Fitzgibbons, Kelly</b>				<b>guide</b>		
<b>Forbes, Calvin</b>		<b>X</b>			<b>Docent</b>	
<b>Franklin, Sonia</b>					<b>Docent</b>	
<b>Friedman, Barbara</b>					<b>Docent</b>	
<b>Glanz, Bill</b>			<b>Walk Leader</b>			
Hanson, Tom		<b>X</b>				
<b>Hill, Karl</b>		<b>X</b>				
<b>Hinds, James</b>			<b>Walk Leader</b>			
<b>Hinds, Pat</b>			<b>Walk Leader</b>			
<b>Homola, Alma</b>			<b>Walk Leader</b>			<b>FGp</b>
<b>Hutchison, Sandra</b>			<b>Walk Leader</b>			

Ives, Linda		X				
Jones, Chris					Docent	
Kingman, Sarah					Docent	
Kircheis, Fred <a href="mailto:Fred.Kircheis@adelphia.net">Fred.Kircheis@adelphia.net</a>		X has trailer				
Kuykendall, Bill			Walk Leader			
Lamb, Ron		X				
Larson, Al 947-3513 <a href="mailto:oronoal@hotmail.com">oronoal@hotmail.com</a>				guide	Docent	FGp Leader
Larson, Nancy					Docent	FGp
Ledwith, Jerry		X			Docent	
Locke, Phil 942-5471 <a href="mailto:Phil.Locke@umit.maine.edu">Phil.Locke@umit.maine.edu</a>	Cap cmpg	Leader		guide	Docent	
Longcore, Joyce					Docent	FGp
Longcore, Jerry	Cap cmpg		Walk Leader	guide	Docent	FGp
Livingston, Bill			Walk Leader			
Lund, Jennifer			Walk Leader			
Maddaus, John 866-4339 <a href="mailto:John.Maddaus@umit.maine.edu">John.Maddaus@umit.maine.edu</a>	Cap cmpg			Co-Leader, guide		FGp
Markson, Paul		X	Walk Leader		Docent	
Martin, Joan 942-5309 <a href="mailto:jmartin@maine.edu">jmartin@maine.edu</a>	Cap cmpg				Schedules docents	FGp
McKay, Steve					Docent	FGp
Norton, Libby					Docent	
Olsen, Brian			Walk Leader			
Pickering, John 866-2606 <a href="mailto:John.Pickering@umit.maine.edu">John.Pickering@umit.maine.edu</a>				guide	X	FGP Leader
Poland, Justin 942-2807 <a href="mailto:justinpoland@msn.com">justinpoland@msn.com</a>	Cap cmpg				Docent	FGp

Priest, Susan 866-5913 <a href="mailto:Susan.Priest@maine.edu">Susan.Priest@maine.edu</a>		X		Co-Leader, guide	Student Intern	
Quick, Bronco			Walk Leader			
Redding, Erin		X				
Reeve, Andy			Walk Leader	guide		
Round, Judith 581-5100 <a href="mailto:round@maine.edu">round@maine.edu</a>	X					FGp
Scholten, Jody	X				Docent	FGp
Schwintzer, Christa			Walk Leader			
Sorkin, Bob		X				
Spinney, Diane					Docent	
Tremblay, Wendall 866-4531 <a href="mailto:wendalltre@ad.com">wendalltre@ad.com</a>	Leader, Cap cmpg	X		guide	Docent	FGp
Trinh, Wheeler					Docent	
Violette, Trevor		X				
Wells, Bryan <a href="mailto:bwells@oakleafs.com">bwells@oakleafs.com</a>		X				Security Camera
<b>Orono Bog Boardwalk----Organizational Chart, Working Groups, Volunteer Staff, Advisory Committee</b>						
<u>Working Group or Advisory Committee Members (X)</u>						
<b><u>Committee Members</u></b>	<b><u>Fund-Raising / Public Relations</u></b>	<b><u>Maintenance / Construction / Replacements</u></b>	<b><u>Nature Walks / Speakers Bur. / Res. Permits</u></b>	<b><u>Guided Group Walks</u></b>	<b><u>Docents / Student Intern</u></b>	<b><u>Advisory Committee / Friends Grp</u></b>

Appendix 2: Yard Sale Volunteers 2011

Sue Priest	Mart & Mary Lapin	Ron Lamb	Karl Hill	Phil Locke
Lynn DeGrenier	Christina Diebold	Wendall Tremblay	Paul Robinson	Ed Lindsay
Fred Kircheis	Al & Nancy Larson	John Daigle	Kourtney Collum	Adrienne Leppold
Susan Lambrecht Smith	Marianne Sarrantonio	Will St.Peter	Norah Bird	Barbara & Tim Cole
Hannah & Avery Cole	Rocky Robichaud	Jerry Longcore	Jim & Mary Bird	

### Appendix 3: Guided walks information

Date	Group	Number Attending	Grade/Age
April 21	UM BIO 310	18+2	College
April 25	UCB BIO class	11+1	College
April 26	UCB BIO class	11+1	College
April 27	UM BIO 310	18+2	College
May 5	FFA State Convention	31+?	High School
May 12	Stillwater Montessori Env. Club	40-45+10	Ages 3-9



May 14	Girl Cadet Troop 715, Bangor	6+3	Ages 12-14
May 18	UM Intensive English Institute	12+2	College
May 19	Daisy Kindergarten Girl Scouts	18+14	Ages 5-6
May 23	Deer-Isle Stonington Elem School	20+6	Kindergarten
May 26	Brewer Cub Scouts	8+4	Grade 3
June 6	Enfield Station School	27+8	Grade 4
June 6	Homeschool Group	20+?	Ages 5-16
June 7	Orono Middle School	40+8	Grade 7
June 8	Penobscot Community School and Brookville Ele. School	20+4	Grades 3-4
June 10	Bangor Christian School	18+?	Grade 7
June 13	McGraw Ele. School	64+10	Grade 2
June 14	McGraw Ele. School	46+8	Grade 2
June 14	Hancock Cty Master Gardeners	10	Adults
June 17	UM Encore Leadership Corps	7	Adults

June 22	Cooperative Ext Faculty	6	Adults
June 29	Hilltop School Summer Camp, Bangor	9+2	?
July 14	Dedham Cub Scouts Webelos	13+2	Ages 10-11
July 23	Cub Scout Pack 63 Newport	15+8	Ages 6-10
Aug 17	Camp Katahdin Piscataquis Regional YMCA	20+3	
Aug 18	Waterville Area Newcomers	15	Adults
Sept 2	UM PRT 452 Env. Interp. Class	13+2	College
Sept 15	UM BIO 464 – Taxonomy Vascular Plants	35+1?	College
Sept 19	UCB BIO Class	9+1	College
Sept 20	UCB BIO Class	9+1	College
Sept 28	Stillwater Montessori	14+?	Ages 8-13
Oct 6	Orono Middle School	48+10	Grade 7
Oct 14	Fruit St. School, Bangor 9:20am	42+4	Grade 2
Oct 14	Fruit St. School, Bangor 10:30am	42+4	Grade 2

Oct 18	James F. Doughty School, Bangor	15+1?	Grades 6-8
Oct 19	Dexter Regional High School	20+6	Ages 14-18 – developmental delayed
Oct 22	Chinese Students, Orono High School	7+1	Grade 12
Oct 22	Wolf Den Cub Scouts, Hermon	10+?	Grade 2
Oct 23	Girl Scouts, East Corinth	35+10	Grades K-5
Oct 24	Deer Isle Stonington Ele. School	22+6	Grade K
Nov 3	Milo Elementary School	26+?	Grade 6
Sept. 28	UM BIO 205	42	Undergraduates
Sept. 29	UM BIO 205	20	Undergraduates

#### Appendix 4: Active Tour Guides 2011

Jim Bird	Kourtney Collum	Lee Davis	Ron Davis
Donna Dwyer	Al Larson	Phil Locke	Jerry Longcore
John Maddaus	John Pickering	Sue Priest	Andy Reeve
Wendall Tremblay			

#### Appendix 5: Nature Walks 2011

Date	Title	# Attending	Leaders
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May 14	Short Distant Migrant Birds	7	Jerry Longcore Jim Bird
May 21	Birds of the City Forest	3	Paul Markson
May 28	Short Distant Migrant Birds	16	Bill Glanz
June 4	Wildflowers of the Bog	11	Ron Davis
June 18	Hydrology in Bogs and Fens	10	Andy Reeve
June 25	Peat Bogs for Kids	2	Sue Priest
July 2	Insect Walk*	11	Jennifer Lund
July 16	How Some Plants Survive...	5	Christa Schwintzer
July 23	Morning Flower Walk*	4	Stephanie Burnett
July 30	Dragonflies of the Bog	12	Bronco Quick
August 6	Peat Bogs for Kids	6	Sue Priest
Sept. 17	Fungi Walk	17	Seanna Annis
Sept. 24	Poetry Walk*	5	Sandra Hutchinson
Oct. 23	Lichen Walk*	11	Jim and Pat Hinds

\*New nature walk for 2011