

Shorelines



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WWW.LLIA.ORG

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MESSAGE FROM THE LLIA PRESIDENT

Dear Lauderdale Neighbors

Winter is over, and the days are much longer, but the spring temperatures have really not been very warm. This is a time of weather transition. Let us all hope that the summer will be much warmer, and the weekends sunny so we will enjoy our time on the water whether fishing, swimming, water skiing, sailing, paddling or just enjoying a leisurely boat ride.

The LLIA has a bit of transition this spring too. New Officers were elected at the Spring Board of Directors meeting. They are Ron Mueller, President, Dave DeAngelis, Vice President, Robin Balfour, Secretary, and Herb Sharpless re-elected as Treasurer. The Executive Committee includes these officers, Debbie Ferrari as a Director at Large, and myself as Past President.

The entire Board of Directors has been active the past year and the committees have great plans for the upcoming months and years. A new LLIA Directory will be available for distribution to all members in June. Debbie Ferrari, Directory Chair and a team including Floyd and Ann Pochowski, Marilyn Busa, Herb Sharpless and Nestor Dyhdalo have done a great job bringing this new Directory to publication. All 2011 members will receive a new directory after the Annual Meeting on June 11, 2011.

Water Quality testing is a bi-weekly task led by Dave DeAngelis. The Lake water quality continues to be one of the best in the Southern part of Wisconsin. Data taken is entered into the DNR data base. Testing begins shortly after Ice Out and continues until the water gets hard again in late fall. The LLIA has continued to focus

attention on this area of responsibility for over 100 years. And the pristine quality of our lake water makes Lauderdale Lakes a very desirable location for all to enjoy.

Fishing is still a very important recreational sport on our lakes. The Fish Committee has been led by Greg Schindler and Jim Frenchy for several years. They have done an excellent job with fish stocking, The Children's Fish Jamboree and working with the WI DNR. A transition is taking place with Brian Walsh assuming the Chair position while the fish stocking program continues and the Fish Jamboree becomes more interactive with more educational events for the participants to learn more about fish, fish habitat, water plants and the creatures that live in and around the shoreline. And the LLIA will stock fish again in 2011.

Communication between the LLIA and you and your neighbors around the Lakes is a key



New 2011 LLIA Executive Board. From left to right: Herb Sharpless-Treasurer, Don DeAngelis-Vice-President, Debbie Ferrari-Board Member, Robin Balfour-Secretary, Don Henderson-Board Member, Ron Mueller-President

priority. The Shorelines Newsletter is now the best source of information about our lake community. Bud Vance continues to edit this fine communication tool and many of the Directors contribute articles each month to keep you informed. We have also improved our

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LLIA web site, www.LLIA.org under the guidance of John Antonic. It has the most up to date information available and it is easily accessed through your computer where ever you are.

The LLIA continues to be a Voluntary Organization as it was when founded by Lauderdale Lakes Property owners over 100 years ago. The founders were dedicated to improving the lake in many ways. One was controlling the water level to assure good boating across all three lakes through the maintenance and responsibility for the dam. A second was weed control that required weed harvesting and it was a much slower and smaller machine than used on the lakes now. These LLIA members also wanted to know where everyone lived so they created a directory of lake property owners which

the LLIA continues to publish every other year. They also created the LL property numbering system which has been expanded over the years as more property was developed and homes built.

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Through the years, the LLIA has been the sponsoring organization to better serve the Lake by providing a platform to create the Lauderdale Lakes Lake Management District (LLMD) and the Kettle Moraine Land Trust (KMLT). It is the volunteer LLIA Board of Directors that continue to support the needs of the Lake and cooperatively support both the LLMD and KMLT. It is important that an organization looks forward and finds ways to meet the needs of the Lake Community as times evolve and change. As I conclude my term as LLIA President, I am pleased to report that the LLIA is a dynamic action oriented organization. It is bringing new ideas, new members and directors, improved communication and new technology to continue the preservation and improvement of Lauderdale Lakes for future generations to love and enjoy for years to come.

In concluding my term as President, I would be remiss if I did not extend my heartfelt thanks to all the Board Members for their dedication to make the LLIA successful. My job was certainly made much easier by the Directors readily volunteering to help implement the tasks undertaken to educate, communicate, support and carry out the mission of the Association to preserve and improve our lakes. Thanks to each of you for your dedication and commitment to the LLIA.

I wish to specifically thank the members of the executive committee. Herb Sharpless is an excellent treasurer who keeps our finances clear, concise and easy to understand. Ron Mueller was there to help me at every turn and chaired a meeting that I could not attend. Floyd Pochowski kept the Exec. Committee apprised of the past and what is needed for the future. Dave DeAngelis joined us midterm and helped us with new ideas and accepted the opportunity to become our new Vice President. Bud Vance had been a member of the committee for a year and he does a wonderful job with Communication and keeps us all focused on the tasks ahead as a very experienced Past President lending support to all.

Last but not least is the talented Pat Cady who has been the LLIA Secretary for the past 12 years. She has shown tireless dedication to the LLIA serving under three presidents and keeping minutes accurately for all the Board and Annual meetings through the years. Please join me in extending thanks to Pat for all she

has contributed to our organization. She is a true professional in all that she does. Take a minute now to mark the LLIA Annual Meeting on your calendar for Saturday, June 11, 2011 at Lutherdale beginning with a Social at 9:00 AM. Thanks for your membership. I enjoyed serving as your LLIA President. Sincerely

Don Henderson

FISH COMMITTEE REPORT By Brian Walsh

The annual LLIA Kid's Fish Jamboree is scheduled for July 16th at the Landings. Registration is \$5.00 and is from 8 AM to 11 AM. This Jamboree is for children 16 yrs. and younger. This is a catch and release jamboree. Lunch and gifts will be handed out at noon to all who register by 11:00 AM. The Yacht Club and Land Trust will join the Fish Committee to make this year's jamboree memorable. We are extremely excited about some new exhibits and displays for this year's event. This year, there will be a fyke net demonstration by the WDNR, an ice fishing exhibit, the Land Trust will have their nature exhibit, an exhibit by the Humane Society, an exhibit by the Water Safety Patrol at 10:00 AM, face painting and a off shore racing boat on display. Ron Kilinski is coordinating the gifts for the participants and promises that there will be plenty for all and a few surprises. We will also have the fishing gear flea market to raise funds for the stocking program. Flea market donated excess gear can be dropped off at the Sterlingworth lobby on weekends July 3 and 10. Call 262-742 -3518 or 262- 742-2083 for info.

Doug Welch, Senior Fisheries Biologist with the WDNR, took the time to meet with the committee to discuss the health of the fish population of the lake. The most recent study on the lake was complete in 2008. The results from the study are now posted on the LLIA web site. The study in 2008 was completed by fyke netting and boom shocking. The results of the number, species and size of fish caught is really neat, check it out. Overall, Doug believes that the numbers show the fish population to be very healthy in the lakes. Addition-

ally, he believes that the fish stocking is being successful so please keep those donations coming. This year we will again be stocking Smallmouth Bass.

We discussed several options for trying to increase the size of the Largemouth Bass population. The committee was informed before any changes to the size limits or bag limits for the lake, there needs to be a comprehensive fish survey completed. Lauderdale Lakes is on the schedule to have this study completed in 2013. At the completion of this study, we will continue to work with Doug and the WDNR to institute regulations that will help increase the average size of the Largemouth Bass population in the lake.

Doug also referenced that more structure in the lake would help with the fishery. The committee is attempting to receive permission to place fish cribs in the lake. This project is still in its infancy and I will keep you posted.

Opening day for game fish is May 7th. I hope to see you out there.

LEAD FISHING TACKLE By Bud Vance

Proper disposal of lead fishing tackle just got easier. A list of metal recyclers that accept lead tackle is now available on the DNR web site.

Many birds are killed by lead poisoning each year when they inadvertently swallow lead fishing tackle. Lead poisoning from ingested tackle usually occurs in one of two ways:

- A lead jig head is swallowed by a fish
- Lost lead tackle is picked up along with small stones and grit from the lake bottom to help digest food.

Fish, loons, eagles, trumpeter swans and many other wildlife species are consuming lead in one or both of these ways and the result can be fatal.

Using non-lead tackle and properly disposing of old lead tackle can help reduce needless wildlife deaths.

LAUDERDALE-LAGRANGE TOPICS

By Don Henderson

2011 Town of LaGrange Election

The Town Board Second, Third, and Fourth Side Supervisor positions were up for election in 2011. Elections were held April 5, 2011 and elected candidates serve two year terms on the Town Board. Don Sukala and Jeff Schramm were re-elected Second and Fourth Side Supervisors respectively. Mark Bromley was elected Third Side Supervisor.

Town of LaGrange Committees are chaired and supported by the following Board Members:

- o Planning and Zoning – Jeff Schramm, Chair, Mark Bromley
- o Safety – Mark Bromley, Chair, Don Sukala
- o Administrative and Finance – Frank Taylor, Chair, Dan Wilson
- o Building and Roads – Don Sukala, Chair
- o Communications Committee – Dan Wilson, Chair
- o Town Representative to Lauderdale Lakes Lake Management District – Don Sukala

Garbage/Recycling And Changes

John's Disposal picks up garbage every Monday for most lake homes and recycling every other week. The Town contracts for this service and the Town Board requests the containers are moved back off the road side that evening. Probably some of you are only at the Lake on weekends. Please ask a neighbor that stays at the lake all week to kindly move your containers back next to your garage or house each Monday evening.

Also some containers are being placed on the town roads for pickup versus at the end of your driveway. Please place the containers at the end of your driveway next to the road and not on the road. Most of the roads around the lake are narrow and the full width is needed for two cars to meet and pass.

The Wisconsin DNR has ordinances regu-

lating disposal of televisions, DVD players, telephones, computers, monitors, printers, fax machines and other electronic equipment. **John's Disposal will not take these items.** You may dispose of these items in Walworth County at Best Buy in Lake Geneva, DP Electronic Recycling, 262 723 2550 in Elkhorn, Electronic Recycling, 262 472 0446 in Whitewater and at Goodwill Industries in Delavan.

Lauderdale – LaGrange Fire Department

Annual Firemen's Dance Raised Money For New Turn Out Equipment

The Lauderdale-LaGrange Fire Department's annual dance was held on Saturday, April 16, 2011. This fund raising project resulted in net contributions of \$11,500. The money will be added to the fund to purchase new turn out equipment. All the fire fighters extend their appreciation to the community for supporting this fund raising dance and project.

THE ANNUAL FIRE DEPARTMENT STEAK FRY IS PLANNED FOR A SATURDAY AFTERNOON IN AUGUST, 2011 AT THE LANDING ON THE SHORE OF LAUDERDALE LAKES – WATCH FOR THE EXACT DATE AND PLAN TO ATTEND.

Are You Prepared For A Fire????

Fire is the nation's #1 disaster. Each year, fire kills more Americans than all natural disasters combined and at least 80% of all fire deaths occur in residences. Cooking is the primary cause of house fires and fire injuries, followed by heating fires. Careless smoking is the leading cause of fire deaths. More than 30% of the fires that kill young children are started by children playing with fire. Many fires and deaths could be prevented by taking some simple precautions.

A Working Smoke Alarm Saves Lives.

Whether you rent an apartment or own a home, an inexpensive smoke detector is a must. Approximately 90% of all homes in

CALENDAR OF EVENTS

2010

<u>DATE</u>	<u>EVENT</u>
6-11	LLIA Annual Mtg.
6-11	Boat Safety Class
6-18	Fish Committee Mtg
6-25	Boat Safety Class
7-2	Fourth of July Fireworks
7-16	Children's Fish Jamboree
Aug.	Annual Fire Dept. Steak Fry
8-13	LLIA Dir. Mtg.
9-3	LLLMD Annual Mtg.

the U.S. have at least one smoke alarm. However, an alarm must be properly maintained in order to work. An estimated 40% of residential fires and three-fifths of residential fatalities occur in homes with non-functioning alarms. Follow these safety recommendations:

- o Install smoke detectors in each level of your home, especially near bedrooms.
- o Test smoke detectors this spring as you return to your lake home and regularly in all homes and replace any weak batteries immediately. Smoke detectors become less sensitive with age.
- o Replace your smoke alarm every ten years.
- o Change the battery at least once a year. Even homes with wired smoke detectors need to have the backup battery replaced annually.
- o Never paint over a smoke detector!

Make Your Home Fire Safe

Inspect your home annually for potential fire hazards and correct them:

- o Store flammable liquids and combustible materials in accordance with the manufacturer's safety guidelines and away from any heat source.
- o Have wiring or electrical cords checked for bent, frayed or worn coverings.
- o Follow all safety instructions when using a kerosene or LP heater or grill.

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- Have a working fire extinguisher (ABC type for all fires) in key locations throughout your house, garage and work shop. Know how to use them properly.

Contact the Lauderdale-LaGrange Fire Dept. or your local chapter of the American Red Cross for other fire safety tips or a safety inspection.

Have an Escape Plan and “Don’t try to fight the fire yourself.”

- Get out of the house; call 911 for help from a neighbor's phone or cell phone.
- Once you are out, stay out. Never enter a burning building.
- Have two escape routes out of each room.
- ◇ Consider escape ladders for sleeping areas on the second and third floor.
- Sleep with your bedroom door closed. This offers you extra minutes of protection from smoke and toxic fumes.
- In case of fire, drop to the floor and crawl or stay low close to the floor..
- Feel the door before you open it. If it's hot, find another way out.
- Agree upon a safe location away from the house where everyone will meet.
- Practice your escape plan. Conduct a home fire drill at least twice a year.
- Quiz your children about the plan every six months. “If disaster strikes, remain calm and put your plan into action

LAUDERDALE SAILING CLUB

By Peter Van Kampen

We are gearing up for another great season of sailing. If you think you would like to give this sport a try, this might be the year. Don't wait too long or you're going to be missing out on meeting some very nice people with the right combination of being competitive and friendly in the same breath.

We work very hard to improve our skills and harder to finish in the top half of the fleet, but never at the expense

of others. We are all about sharing what we know, helping the new guys and avoiding conflict. Life, like weekends are way too short. So if this is the year, check out our web page to get a feel for the club and its members. www.lauderdalesailingclub.com then give us a call at 262-742-2567 or email pvk@elknet.net. We kick off our season with a brunch on May 29th, please contact us and join us for some good eats and then decide if you want to join the club. We'll save a place for you at the table.

IMPROVEMENT ASSOCIATION WEB SITE

By John Antonicic

Over the last several months we have been adding content to the web site in an effort to keep information as up to date as possible. As a consequence, I have begun to do a little spring cleaning:

- The MEETING NOTES menu now contains only 2010 and 2011 documents.
- Likewise, I will be removing the SHORELINES prior to 2010.
- The FUN AND GAMES, and COLORING BOOK have been taken off of the web site to make use of this area for other purposes.

We will continue to try to keep the web site up to date, and informative. These small changes will make maintenance easier and content relevant to our desire to provide current information.

If you haven't done so, remember to fill out your LLIA membership application. The membership form is available on the web site.

Don't forget to check the scrolling marquee on the home page for time sensitive messages.

Visit our web site at: WWW.LLIA.ORG. I can be emailed at: jantoncic@hotmail.com or telephone 630-964-0393.

LAUDERDALE LAKES LAKE MANAGEMENT DISTRICT TOPICS

By Peter Van Kampen

Clean Boats Clean Waters:

The Lake District and Town of LaGrange will be starting our third season of monitoring boats at the launch sites on Lauderdale and Pleasant Lakes. Our staff works the launches with the intention of educating boaters on the various invasive species we are trying to help the State keep under control and specifically keep them out of Lauderdale and Pleasant Lakes. The staff reports that both lake residents and off lake boaters have been very cooperative with these efforts and have shown a genuine interest in preserving the integrity of the lake environment for generations to come. We appreciate this cooperation. The Lauderdale Lake District, the Pleasant Lake District and the Town of LaGrange share in the costs of this operation. From time to time the Wisconsin Lakes Assoc. is looking for volunteers to help with projects related to controlling invasive species both on land, wetlands and water. If you are interested in volunteering for this type of activity, please contact me by email at pvk@elknet.net

Weed Harvesting:

The Lake District Harvester is 20 years old this year. For it's anniversary we purchased a new 3 cylinder air cooled diesel. This was paid for by setting aside monies each year in our budget for these type of investments. We looked at replacing the whole harvester but the truth is the new units are being built essentially the same as our 20 year old unit. Virtually every component on the unit can be repaired or replaced indefinitely. The inspection of the inside of the hull showed very little rust and the rust that was observed was very light, not signs of pitting of the steel. We appreciate the work of Mike Bromeland , the crew chief who keeps the unit in top repair at all times. We are looking for drivers and mechanics from time to time to work on the equipment. If you are interested in some part time work for the summer you can contact me by email at pvk@elknet.net.

BOW FISHING AND SPEARING ON OUR LAKES

By Abe Goldsmith

If the Memorial Day weekend at Lauderdale Lakes is warm and some years it is, you might be kept awake during the night or awakened early in the morning by the splashing noise of huge fish. These fish are our own, otherwise silent and unseen, carp and once the weather warms up they seek mates engaging in a frenzied reproductive ritual of swimming and jumping.

Some folks like to spear the carp or use a specially-rigged bow shoot them with an arrow attached to a rope. According to Jim Cheadle of Beloit who is a long-time bow fisherman, in addition to carp the object of bowfishing enthusiasts are turbot, sheepshead and suckers, all considered "rough fish." He recommends the following: *Wisconsin Guide to Spearing, Netting and Bait Harvesting*. Record harvests are also recorded, Cheadle says.

LAUDERDALE LAKES HISTORY ARTICLE

By Kathryn Ingle Calkins

The First People: Mound Builders

When Europeans began arriving in southern Wisconsin, they encountered Native American groups such as the Ho-Chunk and later the Sauk and Fox tribes, whose way of life was not vastly different from groups they had met to the East and South. But scattered all around the early explorers and settlers lay evidence of older and more mysterious cultures. Long mounds of earth shaped into animals, lines, cones and even people had been built in groups throughout southern Wisconsin and left unused for centuries.

Who had built the mounds? Were they related to the Sauk and Fox, who no longer used them? For a long time, Europeans treated the mounds as nothing more than impediments to their work. According to Robert "Ernie" Boszhardt, president of the Wisconsin Archeological Society, 80 percent of mounds in Wisconsin were lost to plowing, road building and other activities beginning in the 1850s. But fi-

nally -- when the Native Americans had been pushed north and west and had largely vanished -- scientists began to wonder about the mounds. Many different kinds and sizes had been found throughout the U.S. east of the Mississippi.

People excavated the mounds and found burials in them: sometimes full skeletons, sometimes collections of separated bones or even evidence of cremations. Certain digs also revealed artifacts like stone or bone pipes, well-made arrowheads, copper breast plates and beads made of seashells that were buried a thousand miles from the ocean. Such finds led some scholars to conclude that the mounds had been built by an ancient civilization much more advanced than those of the tribes who had been present when Europeans arrived in North America. They suggested that these ancient people had not been Native Americans at all.

This, however, was not the case. The historical tribes Europeans came across had descended from the paleoindians who first colonized the Americas. Between those Indian pioneers and the tribes of 1600 AD and afterward, however, civilizations rose and fell, leaving their mark on the land.

People began building mounds thousands of years after they had colonized the Americas at the end of the most recent ice age. When people first arrived in Wisconsin about 13,000 years ago, the environment they found likely was a mosaic of areas where vegetation adapted to ice age conditions alternated with more temperate plants. As time went on and the ice receded, the plants adapted to a milder climate slowly won out.

Although mammoths, mastadons and other "megafauna" coexisted with people and were hunted by them for some period, this change in climate and vegetation brought these huge mammals and their predators, the saber toothed cats and others, to their eventual extinction. Humans, who probably did not rely on the megafauna as their primary food source, adapted to the shifts in environment, hunting and gathering what was available and traveling large distances in small bands.

Over time, however, people began to travel in more confined territories, living by Wisconsin's lakes and rivers in the

summer, and moving to more sheltered areas in winter, such as the western part of the state where rock overhangs provide protection from weather, Boszhardt said. People had canoes to use for fishing and travel at least 9,000 years ago, and artifacts from the period indicate that they had fishing nets as well. Wetlands, which would have extended around Lauderdale, were particularly abundant sources of fish, small mammals and edible plants.

The first mounds appeared in Wisconsin about 2,000 years ago when the Hopewell culture extended throughout the Eastern U.S. This culture had established huge trade networks that allowed goods made from materials such as copper from Lake Superior, Silver from Ontario and shells from the Gulf of Mexico to travel great distances. The Hopewell built large conical mounds on top of buildings that housed their dead. According to Boszhardt the buildings were like mausoleums, and when they were full of bodies -- sometimes up to 30 people were buried in the same mound -- the people closed them up and built a mound over them.

"These burials were very elaborate. They contained exotic artifacts" made of the materials from far away. "You never see these artifacts anywhere else. You only find them in burials," Boszhardt said. The mounds rise as high as 10-15 feet.

The people who made the Hopewell mounds had begun to garden, domesticating local plants like lambs quarter for food. Gardening and mound building, Boszhardt noted, were summer activities that tied people to a single spot, usually along lakes and waterways. Mounds signaled the people's presence on the land. People thus began to lay claim to desirable areas where food was plentiful.

The Hopewell culture held sway for about 200 years, but by 400 AD it had collapsed. While the Hopewell burials suggest that the society had been hierarchical, with leaders who received special burials in comparison with more common people, the culture that followed returned to an egalitarian form under which the individuals in a group were more or less equal to one another. The groups following the Hopewell in Wisconsin continued to

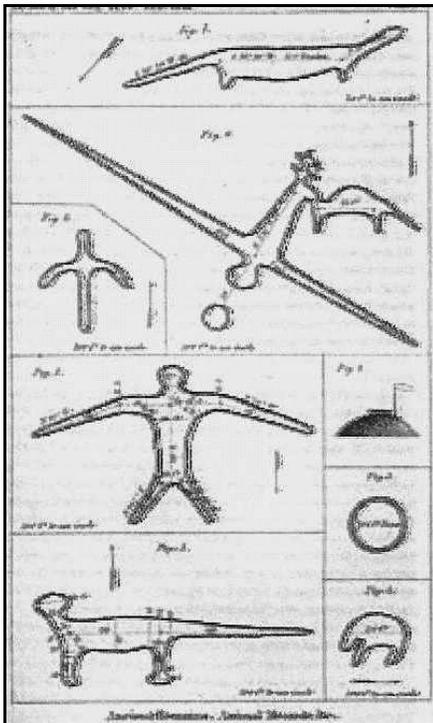
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build conical mounds, although they were smaller and no longer contained exotic artifacts.

Then, in about 800 AD, the people of southern Wisconsin began to build new kinds of mounds that are unique to this part of the state, Boszhardt said. The mounds were long and low and took on the shapes of animals. They are known as effigy mounds.

Finds from old excavations (mounds are no longer excavated) show that the mounds often contained a few burials, but nowhere near the number in the Hopewell mounds. Also, no exotic artifacts appear with the dead, although some were buried with a few possessions. "The shapes of the mounds suggest to archeologists that they represented the various clans within tribes that were developing at the time in southern Wisconsin," Boszhardt said. Sky clans would have been represented by birds, earth clans by deer and bear and underworld clans by panther and lizard-like animals.



Shapes of various effigy mounds found in Wisconsin as they would appear from above. Reprint from the Wisconsin Historical Society Web site.

Effigy mound builders continued to hunt, fish, gather and garden but had stopped building their mounds by about 1100 AD. At this point, a new force again changed the culture. It was corn.

To the south, Native American cultures had been using corn as a food source and now, a variety that could withstand the Wisconsin climate became available. The city of Cahokia grew up in southern Illinois and was based on intensive corn farming. Another hierarchical society took shape along with a new religion, which the city exported to surrounding areas along with corn. The people of southern Wisconsin stopped building mounds and began to farm. But the introduction of this new religion and culture was apparently a source of stress, because, Boszhardt said, this period marked the first time that archeologists have found remains of villages with defense fortifications in Wisconsin. The culture of this period is known as the Oneota.

When Europeans began recording the presence of tribes in various parts of North America, the Ho-Chunk and Menominee lived in southern and eastern Wisconsin and might be said to have descended from the effigy mound builders. By the time settlers arrived in the 1800s, however, the Sauk and Fox had been pushed from their Michigan homeland around Lake Michigan and into Wisconsin. Their ancestors had not built effigy mounds. By this point, effigy mounds had had 700 years to recede into the landscape and their predecessors even more time. However, some mounds can still be observed. Who knows? May be they haven't all been discovered. So, keep your eyes peeled! – Kathryn Ingle Calkins

Sources:

Wisconsin Archeological Society: Additional information is available at www4.uwm.edu/Org/was/

Milner, George R. *The Mound Builders: Ancient Peoples of Eastern North America*. Thames & Hudson Ltd., London, 2004.

Silverberg, Robert. *The Mound Builders*; a 1970 abridged edition of: *Mound Builders of Ancient America: The Archeology of a Myth*. New York Graphic Society Ltd., 1968.

WATER SAFETY PATROL 2011

By Nestor Dyhdalo

The Lauderdale Lakes Water Patrol is gearing up for another boating season. Believe it or not, this is the 11th anniversary season for the Lake Management's involvement with the water patrol. The Town's involvement goes back many more years. As of this writing, one of the patrol boat is in the water on Lauderdale Lakes with the others, including Pleasant Lake, soon to follow.

The Water Patrol has just concluded its first of three boating safety classes. This first one was held at Lutherdale on the weekend of April 16-17 with around 25 students registered for the class. There are two more classes coming up; the first on June 11-12 and the second on June 25-26, both to be held at the Town Hall. Do you plan to have friends up at the lake and plan to let them cruise around on your PWCs? Keep in mind that if your friends were born after Jan 1, 1989 (22 years of age and younger), they will need to take a DNR-sanctioned boating safety class in order to operate a PWC on Wisconsin Lakes. Call 262-882-2030 now to register.

And let's not forget those launch fees, mandated by the DNR. The launch fee is a daily fee for transient boaters; each daily launch requires an additional \$3 fee. A \$20 annual pass is available for frequent users of the launch ramps. Daily users are required to place the receipt on the dashboard of their parked vehicles. We ask lake home owners to keep the receipt on their boat. The revenue generated from the launch fee is used by the Town to maintain the launch ramps and to contribute to the funding of various lake-oriented projects like the Clean Boat/Clean Water initiative.

The non-emergency contact number for Ken Blanke, Chief of the Water Patrol, is 262-882-2030. The non-emergency number to the Water Patrol office is 262-742-4300. If no one is in the office, the call will automatically be routed to a pager or the patrol boat. **PLEASE CALL 911 FOR ALL EMERGENCIES!**

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Remember “Boat Smart From The Start, Wear Your Life Jacket”.

We wish everyone a safe and fun-filled boating season.

**LAUDERDALE LAKES
WATER QUALITY REPORT**

By Dave DeAngelis

With winter in the books and spring trying to make an appearance, the sounds of boats, skiers (yes, there are maniacs skiing already!) and pier work are already in full swing. While these familiar sights and sounds help remind us of the beauty and fun of warmer days to come, there are many ways in which the lake is very different during these early days of spring. For those of us with a tolerance for cool weather and a willingness to launch a boat with snowflakes fluttering around, April is a wonderful time to cruise around our lakes. With most piers and shore stations out of the water, we are able to navigate (at no wake speeds, of course) close to the shore line. Combine this with no leaves on any trees or bushes, and you have views of areas surrounding the lake that you simply can't see during the summer months. My crew of supermodel Judy and her supermodel sister, Kathy, love it and will bundle up like the kid in “A Christmas Story” to go on one of these early season cruises.

The ice went out during the 3rd week of March in Mill Lake and a full week later in Green and Middle lakes. The average date for the ice to go out on our lakes is March 24th, so this year was very much in line with what we typically see. Unfortunately, the weather has been horrible since then. Despite the bad weather, I've been able to get on the water for testing twice. In both cases, the data has provided some results that are very interesting and outside what we typically see. The water clarity results for Green Lake have been off the charts. The most recent set of data resulted in a water clarity reading of 27.5 feet. That means I could see the Secchi Disc from the surface all the way down to 27.5 feet below the surface! That is a long way! The other set of results that were outside the norm were the dissolved oxygen results for both Mill and Green Lake taken approximately a week after the ice went out. For both lakes, the dissolved oxygen levels were

nearly uniform from the surface all the way to the bottom of the lake. Normally, the dissolved oxygen levels drop off at the thermal stratification layer (a depth where the temperature drops significantly). In our lakes, this usually is seen at 20-25 feet. Because this was observed right after the ice thaw, it can be attributed to something called “Lake Turnover”.

What the heck is Lake Turnover? Well, most of us know that ice floats in water. Most of us also know that water freezes at 32°F. What most of us don't know is that the density of water changes with temperature. At 40°F, the density of water is at its maximum. When a frozen lake thaws, the wind blowing over the lake slowly warms the water at the surface of the lake. When the surface water temperature reaches 40°F, the surface water is heavier than the water below. The surface water then sinks to the bottom of the lake and displaces everything in its way. When all of the water in the lake mixes, the dissolved oxygen in the lake water also mixes. This explains why the oxygen levels in Green and Mill lakes were the same from top to bottom during the 1st testing in early April.

Stay warm and enjoy the spring!

**LAUDERDALE LAKES YACHT
CLUB**

By Commodore Barry Lutz

With all the terrible things going on in the world lets take a few minutes to enjoy the spring flowers and be thankful for our beautiful lake and for all the things that come with living in this area. It is time to think about the Lauderdale Lakes Yacht Club functions for the 2011 season. Plans are in place for an active and fun summer, while raising money for some of our local charities.

We have a full schedule this summer starting with Cocktails with the Commodore, our popular Taste of the Lake, two TGIF parties, fireworks on July 2nd, Fishing Derby for the kids, Flotilla Party, and our famous Lake House Walk. Our final event of the year will be the Fall Party at Geneva National.

The Yacht Club is the parent organization of the Lauderdale Lakes Sailing Club which host many events through out the

summer and the LLYC Safety and Education Fund which sponsors the fireworks. We also co-sponsor the annual kids Fishing Derby.

You do not have to live on the lake or own a boat to be a member. Check out our web site at www.llyclub.com for more information.

Our first event will be Cocktails with the Commodore on May 29th at Evergreen Country Club. This party is open to members and non members so bring your friends. We are looking forward to seeing old friends and meeting new ones. If you have any questions you can call Commodore Barry Lutz 262-742-4676.

**KETTLE MORAIN
LAND TRUST (KMLT)**

By Jerry Petersen

Spring in Wisconsin is certainly unpredictable. I activated one of my woodies ten days ago when we had sunny 60 degree days, and haven't used it since due to our cold, rainy days. Never-the-less, the Trust is looking forward to a great year. Herb Sharpless is already actively controlling invasives in Island Woods and a team work day will have taken place before you get this Shorelines. The trail from Oak Park to West Shore Drive is now officially open. We thank Dominic Sergi for donating an Easement over the last 50 feet at the northern end. This clears any legal issue of public use of this connection to West Shore Drive.

I walked the trail this week and enjoyed seeing wild flowers blooming. As shown in the photo, this is a good time to enjoy



lake views before the leaves come out.

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Get out on the trail whenever you have a chance.

I think you will recall that the Trust adopted the Beulah Bog State Nature Area a year ago. This property is owned by the DNR, and we interface with the Natural Resources Foundation of Wisconsin on its management. We are working with them to host a bog tour in June. The Foundation is promoting the tour state-wide in their publications. It will run from 9 to 12 noon on June 4th, and our Board Member, Eric Tarman-Ramcheck, will be one of the tour hosts. I encourage you to visit this nature gem. Eric (262-470-6997) can give you details re the tour.

Our youth education efforts are expanding. We are continuing our Fish Jamboree participation (with the Association), and we will be again hosting Elkhorn High School students for a "day in the woods." In addition, we are hosting school groups to tour Beulah Bog, and will be conducting water sampling with students on both Booth and Beulah Lakes.

Unfortunately, Walworth County is still challenging public use of the Lauderdale Lake District's Don Jean Bay wet lands. This continues to be a threat to our ski shows. The Trust is involved since the District donated a Conservation Easement

to the Trust in 2003, and the Trust is now obligated to enforce the Easement in perpetuity. We need to find a resolution of the County's legal challenge which allows all the permitted uses to continue without violating the Conservation Easement. I will be briefing the Ski Team relative to our position during their "Roll Out" event on April 30th.

Our Delavan Lake Watershed Initiative (WIN) project continues on plan. Federal funds have been obtained, and several farmers have contracted to implement crop procedures to reduce watershed pollution. A Steering Committee has been established with a dozen organizations represented to guide the project in the years ahead. We are proud to be establishing this ground breaking effort for lake protection.

This summer and fall we will be very busy completing our application for Accreditation to the Accreditation Commission of the Land Trust Alliance. We are blessed to have a wonderful consultant from New York State with excellent experience in the process, and we are optimistic relative to the decision the Commission will make early in 2012. Although the IRS is continuing to allow full deductibility of donations to Land Trusts, this could change in the future for Trusts that don't become Accredited. Accreditation will also give

us national recognition to gain expanded foundation support in the future. However, most of all, it will assure you, our supporters, that we are in fact performing to a very high standard. Please consider a contribution toward our efforts using the below form.

LAUDERDALE SIGNS

By Bud Vance

Did you know that the Lauderdale Lakes Improvement Association is in the business of offering the purchase of different signs to our lake community?

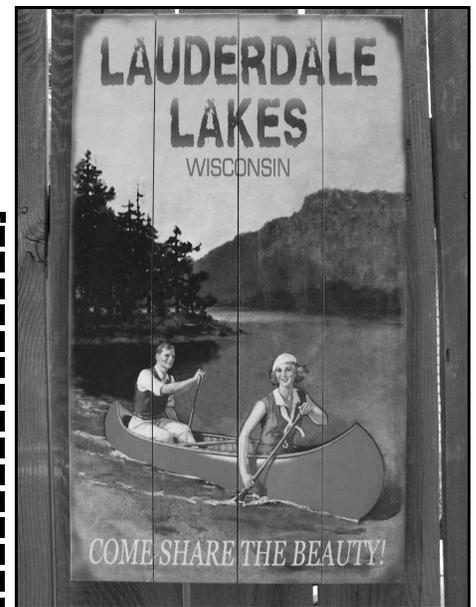
The LLIA will order your Lake LL sign



for you at a minimum cost. This sign is of great importance in aiding

our Lake Patrol in locating your lake residence in case of an emergency. Note, this sign is only to be used on the lake side of the property and is not intended to replace your road address signs.

The Association also offers the sale of



Vintage signs. There is a wide range of signs to pick from. This is only a sample of one of many that is offered. Samples of both signs and order forms are available at the Lauderdale Lakes Country Club and also on our web site, www.LLIA.org.

KETTLE MORaine LAND TRUST (KMLT)

Yes, I'd like to contribute to the KMLT effort to protect our lakes. All contributions are tax deductible.

Name _____ (Permanent Phone) _____

Permanent Address Street _____

City, State, Zip _____

Lake Address Street _____

City, State, Zip _____

Pier # (e.g. LL#) _____ E-Mail _____

Matching funds requested _____

Amount of contribution \$ _____

Please make check payable to:

Kettle Moraine Land Trust

Mail with this form to:

KMLT
P.O. Box 176
Elkhorn WI, 53121

Contribution Category:

- Environmental Leader (\$1000 and above) _____
- Environmentalist (\$500 to \$999) _____
- Guardian (\$250 to \$499) _____
- Park Ranger (\$100 to \$249) _____
- Naturalist (\$50 to \$99) _____
- Conservationist (\$25 to \$49) _____

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If you have any further questions ,you can contact Jane Larsen at lauderdale910@aol.com

Elkhorn Area High School Workday at the Island Woods Preserve By Herb Sharpless

Elkhorn Area High School Workday at the Island Woods Preserve

On April 26, 2011, the LLIA and KMLT hosted the Elkhorn Area High School AP students in the Island Woods Preserve. This is the third year the Association and the Land Trust has worked with teachers Deanna Brunlinger, Bridget Trewyn and Ed Sadler and their high school AP classes to learn about and maintain the Island Woods Preserve. It was a cold rainy day and Dave’s pontoon boat would not reverse, but we managed to share a lot about conservation with the 12 students and their three teachers.



It was raining when the morning started, so the group moved to the LLLMD Community House meeting room to get introduced to the planned tasks, learn about kettle moraine formation, discover which plants were invasive and how we try to control them and understand the Kettle

Moraine Land Trust mission. Then, as forecasted, the rain let up and we drove back to Island Woods, splitting into three teams to accomplish our tasks.

Dave DeAnglis, Ron Mueller and Bud Vance led the water quality testing activity, from the dock this year. Given the damp and windy conditions on the water, this was the safest way to share the LLIA water testing history and to demonstrate the LLIA and EAHS equipment.

Sue Heffron took each group on a short tour along the Three Kettle Ridge Trail and were they pulled Garlic Mustard that had not succumbed to the Roundup spraying Herb Sharpless had completed a couple of weeks ago. This task was more challenging than in the past: less Garlic Mustard due to the multi-year treatment program and the white flower the Garlic Mustard normally displays by this time of year had not developed – too much over-cast weather this spring! Although there has been a great display of wild flowers in recent sunny days, the Blood Root and Hepatica flowers were closed and harder to find – they only open in the bright sun light! There are lots of May Apples pushing up along the trail and throughout the treated areas.

Don Henderson led the sign placement task. Thanks to this effort, there is now a Boot Brush Station installed at the West entrance to the Three Kettle Ridge Trail. Please use it to remove seeds from your footwear before going on the trail, which is now open from West Shore Drive to the Oak Park Road parking area. They also replaced all the older LLC signs with new



KMLT signs that mark the Island Woods Preserve.

They are bright green and they cannot be missed!

Herb Sharpless led the trash removal task.



He had discovered yet another “local dump” created in one of the less fre-



quented kettles located along Oak Park Road, while spraying Dame’s Rocket this



spring. This is the third major dump site that KMLT has worked to remove since the Preserve was created. Don Henderson brought his trailer to carry away all that the team could haul from the kettle basin, up the wet, slippery slope and drag to the trailer. The students, teachers and leaders did a great job, removing all the trash they could locate. Several of the boys were very creative in finding ways to haul large objects, including a freezer, a water heater and several bed frames out of the kettle!

(Continued on page 10)

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Towards the end of the school visit, everyone was helping haul the trash up the hill and filling Don's trailer. Herb had expected to proceed to the Walworth County dump to empty the trailer but Don thought there was enough metal to warrant recycling this material. He worked with a friend who does a lot of metal recycling and they were paid for the load, so his idea saved KMLT a dumping fee and created a donation!

LAUDERDALE LAKES LAKE DISTRICT ANNUAL MEETING AGENDA By Bud Vance

The LLLMD annual meeting will be Saturday, September 3, 2011. Any LLLMD property owner may ask to have an agenda item considered by writing their proposal to the LLLMD, N7498 Country Club Dr. Elkhorn, WI 53121 .

10

The proposal needs to be endorsed by **five LLLMD property owners.**

The request must be **received** by the LLLMD 30 days (August 4th) in advance of the annual meeting.

LLIA MEMBERSHIP FORMS Bud Vance

Many people who are sending in their LLIA Membership Form are not answering the NEW number of boats question in the highlighted box.

The reason we added the area was so that the Association could give to their members a FREE label that identifies the Water Patrol telephone number for their boat's wind shield. Also, if you own a PWC, the LLIA is supplying

a FREE label to put on the PWC that identifies, briefly, the Lauderdale PWC boating regulations.

If you are one of those members that did not fill in the boat information and want a label contact your area LLIA Director or call Don Henderson at 262- 742-4970.

Lauderdale Lakes Improvement Association Officers

Ron Mueller, President 847-635-5668
Dave DeAngelis, Vice-President, 847-223-6268
Herb Sharpless, Treasurer, 630-497-5152
Robin Balfour, Secretary, 847-987-7021
Don Henderson, Executive Board , 262-742-4970
Debbie Ferrari, Executive Board , 847-680-7036

Bud Vance, Shorelines Publisher / Editor 847-459-8127