



THE WAKE-ROBIN

Newsletter of the Sault Naturalists of Sault Ste. Marie Ontario and Michigan.

Vol. 53, No. 2. Sept. 2007

Mailing address:
The Sault Naturalists
Northern Postal Outlet, P.O. 21035
Sault Ste. Marie, ON P6B 6H3

2007 Executive

President: Dave Euler..... 705 248 1494
Past President: Carl Linhart..905 635 9891
Vice President: vacant
Secretary:(acting) Robert Cohen
Treasurer: Gail Andrew..... 705 942 0768
Membership: Betty and Gerry Bennett...
705 254 7214
Outings coordinator Val Walker....
705 253 7044
Program coordinator:John Lehman 905 635 5095.
Committee: Marjorie Hall and
Leslie Askwith
Archivists: Gladys and Cliff Wallwork
Local Citizens Committee Rep: Donna Ryckman-
Rooney
Michigan Audubon rep: Chuck Bosley
Ontario Nature rep.: Tony Walker
Publicity: Evelyn Simon
Biological records: Sue Meades
herbaria@NRCan.gc.ca
Web masters:
Vivian and Don Hall 705 248 1834

www3.sympatico.ca/donandvivhall/index.html

Table of Contents

Fort Creek biological inventory: p.1
Hub trail report: p.3
Hwy 17.-4 lane: p.6
Membership form: p. 4 of Outings Insert
Meeting places: p, 9
Outings: **see attachment/insert**
Outing reports: p.3, 4, 5
Programs: p.8
Wishart Park: p. 7

Fort Creek Biological Inventory

Club members from Sault Ontario will likely be aware of the HUB trail initiative. The new non-motorized trail will encircle much of the city. Walkers, cyclists, roller bladders, skiers and people concerned with climate change certainly feel that this is long overdue! Support from the Sault Naturalists has been strong, both at executive and general membership meetings.

A portion of the trail is to go through the Fort Creek Conservation Area, and an environmental impact study (EIS) is required before construction can begin. The first step in preparing an EIS is a biological inventory. Given that naturalists have a knack for identifying plants, birds and other living things, the club saw an opportunity to support a worthwhile endeavour, while having some fun outdoors. Late last year the club agreed to take on the inventory as a volunteer project, thereby allowing money that would have been spent on consulting fees to be used for actual trail construction.

During the winter, students in natural resources programs at Sault College laid the ground work, preparing up-to-date GIS-based maps of the existing trails and other features.

Four outings were scheduled for spring and early summer, and several informal outings were staged as well. In total, 27 people spent 158 volunteer hours at Fort Creek. The botany outings were quite structured, with teams sent off to survey the vegetation in pre-determined plots. Bird outings were more casual, just making sure that all the trails in the study area were covered, and careful records were kept. We were always on the lookout for special habitat features, species at risk, or anything that might be damaged by trail construction.

Fortunately, we did not find many serious concerns with the proposed trail corridor. The route follows an existing trail, so removal of trees can be kept to a minimum. Some of our more interesting findings and recommendations include:

- 1) Monarch Butterfly caterpillars feed on milkweeds along portions of the trail, and the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) lists Monarchs as a species of “special concern”. We are suggesting that the monarchs be compensated for habitat loss by planting a new patch of milkweed in an area that is currently mown lawn.
- 2) There is a cavity tree (believed to be home to a pair of Great-crested Flycatchers) almost in the middle of the trail corridor. The poplar is still alive, and likely to provide good wildlife habitat for another 15 to 20 years. We are suggesting that the trail be realigned slightly, to avoid damage to the tree.
- 3) The conservation authority has been brush sawing and weed-whipping a wide right-of-way along the existing trail corridor. We suggest that natural vegetation be allowed to grow right up to the edge of the new trail.
- 4) If trees must be felled, we are suggesting that rather than being removed from the property they be distributed through the forest and allowed to decay naturally.
- 5) Well away from the proposed trail corridor we found a really interesting “critter tree”. If you lightly scratch the bark when someone is home an unidentified furry critter will peer out at you. It is likely a Northern Flying Squirrel, but no one has had a good enough look to be able to say for sure.

The Fort Creek Conservation Area is an interesting and diverse forested area, within the city limits! The club has been able to contribute to its conservation and environmentally friendly use and as Martha Stewart would say “that’s a good thing.”

We would like to thank the many club members who put so much effort in to the inventory project. Many



The “Critter Tree”

hands make light work! The project reflects well on the club, and is a significant service to the community.

Our report was submitted to the Conservation Authority on July 11. A copy will be available for review at meetings beginning in September.

Submitted by:
Marjorie Hall &
Don Hall



The Atrium. July 21/07 Fern outing. Photo by Betty Bennett



Maidenhair fern July 21/07 photo Betty Bennett

Sault Ste. Marie HUB Trail:

An update from Jim Miller, submitted Aug 3/07

The Sault Naturalists have played an instrumental role in the realization of the HUB Trail with the completion of the biological inventory of a portion of the trail that passes through the Fort Creek Conservation Area. This inventory was spear headed by Don and Marjorie Hall. The quality of this document is a testimony to the professionalism and expertise of members of the Sault Naturalists.

Tony Walker represents the Sault Naturalists on the Sault Trails Advocacy Committee (STAC). This is a citizens group with a vision to play a lead role in creating a habitable community that fosters human powered activities for transportation and recreation, that respects the need to lessen our foot print on the environment and promotes a healthy life style for our citizens.

In our community, STAC is a voice in the wilderness. STAC's vision contradicts historic trends in our community that promotes an overwhelming reliance on motorized vehicles which leave a massive foot print on our environment and results often in a tragic decline in the health of our community members particularly our children. At a municipal level, we do not have a champion that advocates our vision. What a tragedy!

As citizens and particularly as naturalists, we need to demand that our municipal representatives address these significant issues. One of ways that change will occur is through the pressure that we as citizens put on politicians. The other way is through changes to our personal behaviour. Like never before, survival rests in our hands.

Next steps for the HUB Trail:

- The path on the east side of Carmen's Way is in place. There are some safety issues to consider which will be addressed in the future.
- The cycling master plan is being updated with the intention of making cycling safer and more convenient in our community. A draft plan will be presented to council in late August.
- The Provincial Government has provided \$450,000 to implement the HUB trail. The

City is committed to providing \$100,000 annually for this infrastructure.

- STAC and city staff are working closely with a consultant; Marshall, Macklin, Monaghan to plan the trail in our community using the most current concepts and ideas from other communities. This is very exciting and rewarding.
- Engineering projects are increasingly addressing non motorized needs and opportunities in our community.

OUTING REPORTS



Hay Marsh outing thanks to Dennis Henderson.
June 07. Photo D. Ropke.

Ferns in the atrium, etc. July 21 Leader Chuck Bosley

Although our regular scheduled outing was cancelled due to weather (dry), we enjoyed an alternate plan. Chuck decided to give an educational fern outing and, we all tried to incorporate his "fern information" as we forayed into various sites.

Since this was a fern outing we ignored the Pearly Everlasting, Wood Lilies, Herb-Robert, Blue Cohosh and Sweet Cicely etc. that were within our view. Instead we concentrated on identifying the ferns as: Rattlesnake, Spinulose Wood Fern, Lady, Ostrich, Bulblet, Maidenhair, Sensitive and, Oak . The treat of the day was the Hart's-tongue fern; which is a closely guarded secret. Many ooh's & aw's were evident!! A very informative outing! We can't wait for your outing on the walking fern!! Thanks Chuck, Evelyn Simon (see photos p. 2)

Bogs and Caves. July 7. Leader Carl Linhart

Carl was right. On Saturday July 7, we had “A long but fun day”, just as he predicted. We started a bit earlier than we often do, at 8:00 am, and headed west into the Upper Peninsula of Michigan. Our first stop at **Shingleton Bog**, which is actually a “patterned fen, had a few scattered larch and cedar trees, and singing Lincoln Sparrows. These sparrows have very specific habitats and we don’t hear them often. We also saw lots of showy orchids, although only 1 or 2 were still in bloom. This was a short but very interesting stop on the trip.

Next stop was in **Munising** where we walked into a small Nature Reserve owned by the Michigan Nature Association. This Reserve contains a gentle waterfall, A canyon- like descent behind the waterfall led us to see one of the cliff brake ferns *Cryptogramma stelleri*. thriving on the dry, edges of a breathtaking cave wall.



Cliffbreak fern. MNA cave Munising. Photo by Dave Euler

Lunch in that quiet restful spot was a good place for some joking and teasing.

Next on this long but fun day was the **Seney Wildlife Refuge**.

Constructed in the 1930s by the Civilian Conservation Core, this modern refuge for migrating waterfall is truly a wonderful natural wetland. Bald Eagles and Ospreys were nesting, Trumpeter Swans and Common Loons were producing young (cygnets and chicks) and we had one look at a black-billed cuckoo, a bird often heard but not usually seen. At the visitors centre, some of the adults touched the items on the children’s table, (how could one resist?) and we saw the beautiful slide show that pictured the Refuge throughout the year.

Thanks Carl for a great idea and a great trip.
- Dave Euler



Carl Linhart and Robert Cohen, photographing a Showy Orchid plant Shingleton Bog. Photo by Dave Euler. July 07

Coppercorp Mine. July 28. Leader Jerry Bennett

Civilization exists by geological consent, subject to change without notice”. Said Will Durant, a historian of the early 20th century, and that was Gerry Bennett’s theme for our field trip to the Coppercorp Mine on Saturday 28 July. Gerry pointed out that people have only existed for a moment of geological time, and he led us on a trip to the past, as far back as 1.1 billion years. The medium of instruction was rocks: feldspar, quartz, calcite, pyrite and malachite, and the traces of geological events in those rocks. Some were hot and cooled rapidly on the surface, some were hot and cooled deep in the Earth’s crust and some cooled when sudden decreases in pressure caused an explosive boiling followed by a cooling period. Although the temperature that day was high, over 90 F, and more than 32 C, we had a great time and Gerry once again provided excellent insight into The Earth and how it formed. Thanks, Gerry. Dave Euler

Canoe trip down Tahquamenon River. Aug 10, Leader Carl Linhart

Carl Linhart decided to check out the Tahquamenon River and 5 willing adventurers decided to go along with the plan: to canoe from the lower falls to the river mouth!! However, none of us knew that the actual distance was 17 miles, not 10 miles as we all thought.

The river bank was absolutely breathtaking with it’s festoon of flowers as purple vervain (*Verbena hastata*), turtleheads (*chelome*), blue monkey-flower (*Minulus ringens*), Joe-pie weed, boneset (*Eupatorium ssp.*), asters, bulrushes

(*Scirpus* spp), duckpotato “wapato” (*Sagittaria latifolia*), burweed (*Sparganium* spp), cattails (*Typha latifolia*), pickeral weed (*Pontederia cordata*).

The fish had great hiding places among the eelgrass (*Vallisneria americana*), tapegrass (*Elodea Canadensis*), and many pondweeds (*Potamogeton* spp.), to name but a few of the wonderful water plants.

We were treated to many animal sightings as eagle, kingfishers, osprey, hummingbird, broadwing hawk, merlin, great blue herons, painted turtles and, a beaver.

The two mink hunting along the riverbank was a great viewing but, we couldn’t believe our good fortune with the young moose who let us view him for over 10 minutes. He was so enthralled with noisy teenagers swinging into the river from across the river that he ignored our three canoes!

A great outing, (and workout!). Thanks Carl!

Evelyn Simon



Naturalists studying on a break!! Lunch at the Munising MNA waterfall. Photo by D. Euler Aug. 07



Lamb’s-ears in beautiful Belleau Gardens. Sault Naturalist and Horticulturalist Outing. June 20/ 07 Photo by L. Tibbles



Belleau gardens. June 07. L. Tibbles photo

Outing Guidelines

-Please register for all outings by calling the trip leader or an outing committee member. Non-registrants are welcome, but risk being uninformed of the last minute outing changes.

- Dress for the weather and terrain with appropriate clothing and foot wear. Bring snack, water, binoculars, loupes, field guides, etc. For daylong excursions, bring lunch and extra water.

-Refer all questions and requests for transportation to the trip leader or a member of the committee.

-If carpooling, consider assisting the driver with gas costs. Suggested amounts are: US \$2.00 and CAN\$3.00, depending on the length of the trip and the dollar.

-Inform your leader if you have to leave early, or make any changes to the plan or schedule while on the trip..

-Be aware of those in front and behind. Keep the group together. Follow the leader.

-Take out all garbage. - Do not trespass.

-Use a camp stove.



Clearwing hummingbird moth . photo by Linda Tibbles. Aug 07

Edited from an email from Linda Tibbles sent with the photos.

I discovered the Clearwing Hummingbird Moth when visiting my friend across the street and admiring her flowers. I had my camera with me by chance, and feel so fortunate to get multiple photographs that day, as this moth hasn't been seen here since. Being excited to know what it was and after looking it up without definitive success, I asked the help of Valerie Walker. She investigated my pictures, told me what the insect was, and set me in the right direction on the web for the name. For me to find something new, after watching nature all my life, is very gratifying.

At the same time, I had been following the progress of a caterpillar attaching itself under the edge of my siding . Again, curious, I sent pictures to her to ask if she would know what it might become. She told me, and was absolutely correct. I am still amazed. - Linda Tibbles.



2 stages of a Mourning Cloak butterfly metamorphosing, Photos by L. Tibbles

ITEM OF INTEREST

Email Letter from Klaas Oswald. July 07 Regarding the placement of the Hwy 17 four lane project Edited and reprinted with permission, ed.

I (Klaas Oswald) am writing in response to the Ontario Government Notice (GWP 357-94-00) of the proposed Highway 17 Four-Lane from Black Road at Second Line East to the East Boundary of the City of Sault Ste. Marie which appeared in the Sault This Week newspaper dated 18 July 2007. I have a number of comments which are detailed below.

I have copied this email to: Trevor Woods, District Manager, Ministry of Natural Resources, SS Marie, Dave Euler, of the **Sault Naturalists**; Kathy Jones, who coordinates the Great Lake Marsh Monitoring program in Ontario; Sault Ste. Marie Region Conservation Authority,

1. The traffic rationale for the proposed location, and an alternate route.

I understand and agree with the need to relocate and four-lane the portions of (new) Highway 17 around the built-up areas of Echo Bay and Garden River First Nation. ... However, I disagree with the need to project the (new) Highway 17 westward onto Second Line.

1. If this proposed stretch of road is intended as a by-pass, in the same nature as the Highway 17 by-pass to the southwest and southeast of Sudbury, it fails in its purpose. The proposed alignment will simply continue the high traffic volume at the corner of Second Line and Great Northern Road in the City. According to news reports, this is the highest volume traffic corner in the City and is already over capacity. Continuing development (new Hospital, new stores opening north of this intersection, new subdivisions off Old Garden River Road) will result in even more congestion at this intersection, even if there is no increase in long-distance commercial and private vehicle traffic along Highway 17 through Sault Ste. Marie. As the country's economy continues to grow, I also foresee an increase in the volume of "through traffic" along Highway 17 through the city at this intersection.
2. As a by-pass, the proposed stretch does nothing to deal with the traffic congestion and poor road layout of Highway 17 from the north end of the City to the Heyden area. This portion of highway is not up to standard to handle high volume, and has a number of problems ... To function as a true by-pass, a route should go directly from the new highway from the western end of the Garden River

First Nation or eastern end of Batchewana First Nation, then northwards or north -westerly to the area of Heyden, completely by-passing the congestion and other difficulties as detailed above.

...

2. Environmental Concerns

If the proposed route is approved, I have concerns that construction and maintenance of the new highway will adversely affect, and possibly destroy, a small marsh.

At the east end of Second Line, on the north side of the Second Line right-of-way adjacent to the Batchewana First Nation is a small, shallow marsh. It is composed of a natural creek bed modified in part by beaver activity and in part by topsoil removal some time in the past. As the result of ditching in the area, there appears to be a system of interconnected water drainage there that extends into Batchewana First Nation land. .. I don't know who owns this property...

3. While this marsh is small, I would describe it as a **high-quality marsh**, with a wide variety of species using it. During the recent Ontario Breeding Bird Survey, I documented such generally uncommon bird species (in the Sault Ste. Marie area) as Pied-Billed Grebe (with young), Virginia rail (with young), and Upland Sandpiper. Canada Geese and various species of ducks, warblers, sparrows and other marsh species of birds are found there and breed there. This is despite heavy use of parts of the wetland by ATVs, motorbikes, and 4x4 trucks that use the site for "mudding".

I am currently a participant in the Marsh Monitoring initiative taking place around the Great Lakes. In conjunction with that, I have determined that this marsh is a breeding location for various amphibians namely Spring Peeper, Green Frog, and American Toad.

As you may be aware, (and this is the reason **why** there is a Marsh Monitoring Program) the number and quality of marshes along and near the Great Lakes has declined drastically. **I am concerned that construction of the new highway adjacent to this marsh will have two adverse effects: disrupting the current water drainage patterns, and thereby making the marsh dry up, and physically replacing marsh with roadway.**

I would therefore request that as part of the environmental assessment process, an extensive, intensive, complete, and multi-year survey of this marsh area be conducted. Recent news reports quote MTO staff stating that this portion of

the highway would not be built for at least ten years: this allows lots of time to carry out multi-year studies of the marsh. Secondly, in the engineering planning phase, I would request that you outline how the marsh and the drainage patterns will be protected, and how you will mitigate the effects of highway construction and of the highway itself. For instance, will there be a buffer berm between highway ditches and the marsh to prevent the movement of toxic materials and fuel in the event of an accident and spill near the marsh?

In addition, I have seen minnows in the ditches along the side of the current dirt road which is proposed to become the new highway, as well as in the marsh complex itself. As a result, the ditches and wetland are "fisheries habitat" as defined in the Fisheries Act of Canada, and under that Act special considerations must be taken to prevent the loss of fisheries habitat, and to mitigate any disruption of fisheries habitat.

If you or your staff wish to visit the marsh but are not sure exactly where it is to be found (and where I have seen various species of birds, frogs, and fish), I would be happy to show you around.

Klaas Oswald
111 Millcreek Drive
Sault Ste Marie, ON
P6B 6H7 (705) 942-6618

Wishart Park - *a community service for our club, with thanks to Betty Bennett who took the initiative.*

Sault Ste Marie City Council, has approved the "adoption", by the Sault Naturalists, of Wishart Park, as part of our environmental cleanup program. The park is located one mile east of Hwy 17N on Fourth Line.

The outing is on **Sat. Nov. 10**. See the **Outings** schedule for details and check the website, as there may be an prior excursion to view gulls. Mark it on your calendar! This is an opportunity for our club to take action on the litter problem in one of our local parks.

PROGRAMS - SEPTEMBER 2007 THROUGH FEB 2008

John Lehman coordinator

September 11, 2007, Great Lakes Forestry Centre

Dave Kreutzweiser, Research Scientist in Aquatic Ecology and Ecotoxicology with the Canadian Forest Service's Great Lakes Forestry Center, will speak on *Rethinking the Use of Waterside Buffer Strips in Forestry*. Environmental concerns about the impact of logging on fish habitat and other water resources have led to the imposition of no-harvest riparian (waterside) buffer strips around lakes, ponds, rivers and streams. But recent studies indicate that these buffer strips may result in unnatural forest landscape patterns and contribute to declines in productive wildlife habitat. Dave will discuss current field-based research by the GLFC and colleagues into alternative riparian buffer configurations and their environmental implications.

October 9, 2007, Great Lakes Forestry Centre

Environmental activist Cynthia Pryor will speak on *Living Off The Grid—A Life-style Preference*.

Cynthia and Bob Pryor wanted to live a lifestyle independent of outside power and were drawn to the woods and terrain in the remote Huron Mountains of Michigan's Upper Peninsula. There they chose the conveniences (running water, lighting, telephone etc.) they wanted in their retirement home and figured out how to have them while remaining disconnected from the power grid. They utilize primarily solar, wind and water power. Cynthia loves where she lives, so when she found it threatened by a plan for sulfide mining on the Yellow Dog Plains—an activity that would change the place forever—she became extremely active in opposing the mine. She will talk about how citizens can make a difference; as she puts it, "I am all about the people taking care of their land, waters and communities. If we don't do it, no one will."

November 13, 2007, Great Lakes Forestry Centre

Sue Meades, Adjunct Professor of Biology at Algoma University College and a field botanist with nearly 30 years of experience, will speak on *Exploring Labrador in Search of Rare Plants*. In her illustrated presentation Sue will describe her experiences as leader of a rare plant survey in the lower Churchill River Valley in central Labrador. The study was

initiated to examine the potential impacts of further hydro development on the lower Churchill River.

December 11, 2008, Central United Methodist Church

Our annual holiday get-together. We need suggestions from the membership about the theme of the meeting, and will welcome offers of help from members. Do you keep a nature-related journal from which you could read excerpts? Do you write nature-related poetry and would you be willing to read one or more of your poems? Have you made nature-related discoveries or had adventures that you could share with the membership? Any other ideas? **Information about the meeting will be provided in the next newsletter.**

January 8, 2008, Central United Methodist Church.

Jessie Hadley, owner of Woods and Waters Ecotours in Hessel, Michigan, will speak about *Paddling Journeys on the St. Marys River and along the Lake Huron Shoreline*.

Jessie has been involved in natural resources and tourism in the eastern Upper Peninsula for the past 15 years. Her talk will tell us what it's like to paddle the length of the St. Marys River from Sault Ste. Marie to Lake Huron and west to St. Ignace. Jessie has been leading nature tours with Woods and Waters Ecotours for the past five years. She has also worked for the Michigan Nature Conservancy where she was project coordinator for the North Lake Huron Bio-Reserves; for Whitefish Point Bird Observatory monitoring piping plovers; for the state of Michigan doing deer research on Drummond Island; and for Hiawatha National Forest working on native plant gardens and invasive species removal. Her passion for nature and tourism has her currently involved in the Great Waters Project, a marketing initiative for eastern Upper Peninsula nature-based tourism, and in developing a bike path linking St. Ignace to Drummond Island.

February 12, 2008 Annual Dinner Meeting, West Superior Room, LSSU Cisler Center

The speaker will be **Andy Fyon, Director of the Ontario Geological Survey, Mines and Minerals Division.** His topic will be announced in the next newsletter, but he is interested in plants and fungi and has spent time in remote northern communities. His web site, "Andy's Northern Ontario Wildflowers" (www.ontariowildflower.com) has excellent photos of wildflowers and mushrooms.

Meetings/Program locations & Where we Meet for outings

General Meetings

Time: 7:30 p.m. 2nd Tuesday of each month, except May which is on the 1st Tues.

Place:

Sault Ontario: Great Lakes Forestry Centre, 1219 Queen St. East.
Sept., Oct, Nov., May, June.

Sault Michigan:

Central Methodist United Church corner of Spruce and Court St.
Dec., Jan., Feb., March and April

No meeting in July and August.

MICHIGAN OUTINGS

Meet at the Michigan Welcome Center (MWC). Follow the blue directional sign immediately south of the International Bridge toll booths

ONTARIO OUTINGS

-Market Mall. Located on Second Line West (Hwy 550) at Korah Rd. Meet in the NW area by the video store.

-Churchill Plaza – follow Hwy 17 E. The Mall is on the right off Trunk Rd. (Hwy17E) parking lot, by the entrance sign.

-Wellington Sq Mall – Follow Hwy 17 E to the McDonalds Restaurant, east of the Mall. Park on the west side of the parking lot, facing the mall.

- Zellar's Plaza North – enter A&P /Zeller's Mall from Great Northern Rd, or Northern Ave. Park west of the Pennington's store.

Gear Review:The Exped Downmat 9

If sleeping on “the cold, cold ground” is losing its appeal, consider acquiring an Exped Downmat. Viv found ours at an outdoors store in Sudbury, and thought they might be worth a try. She was right! Our 20-year old Thermarests are still quite comfortable, but the Downmat takes sleeping comfort to a whole new level.

Apparently designed with winter camping in mind, the Downmat looks much like an old-fashioned air mattress, but it is filled with goose down. This is a really warm, cozy combination.

Our evaluation in a nutshell:

Pros

- 1) The best sleep we have ever experienced in a tent.
- 2) Polyester outer covering seems durable, and it's not slippery.
- 3) Quite lightweight, and rolls in to a compact bundle.
- 4) Stuff sack doubles as an air pump, making inflation quite easy. It also serves as a reasonable pillow.

Cons

- 1) Not self-inflating.
- 2) Expensive - \$180 CDN
- 3) In really hot weather the challenge may be keeping cool when sleeping; the Downmat will definitely *not* help you keep cool.

Availability:

- 1) Cabela's <http://www.cabelas.com>
- 2) Demarco's Source for Sports, 25 Elgin St. Sudbury ON P3C5B3
- 3) Mountain Equipment Co-op <http://www.mec.ca>

Sweet dreams! Don and Vivian Hall

The Wake- Robin, is the newsletter of the Sault Naturalist club of Sault Michigan and Ontario.

Publication Target Last date for submission

May meeting	April 15
September meeting	August 15
December meeting	November 15
February AGM	January 15

Submissions of text and photos are welcome. Pls send to: *Gail Giuliani, editor.* 705 248 1494

birchpt@sympatico.ca

Thanks to all who have contributed to this issue!



JIM MILLER

Remembering our friend, Jim Miller, who died on Aug. 10, 2007.

Jim Miller's death, in his sleep, in a solo tent at the Agawa Falls, although ideal in concept, was all too soon in time. We will miss his boundless spirit, his many generous contributions to our club as a trip leader, Hub advocate, program speaker, outdoor enthusiast, and above all, his friendship. A good, kind man.



Loon at Mig Lake. Aug. 07. Jim Miller sterned the canoe, when his son Andrew took this photo.



Jim birding at Pumpkin Point. Spring 07. photo thanks to Curt Boskett



Jim x-skiing Winter 06. photo by C. Boskett

Sat. Oct. 27, 10 am, there will be a Memorial Outing at Whitefish Island, one of Jim and Janice's favourite birding places .(see Outings Insert).