

THE SUGAR LAKE NEWS

APRIL 2005



2005

Calendar of Events

May 21-SLA Meeting*

June 18- SLA Meeting

June 25-Fishing Contest*

July 16-SLA Meeting*

August 6-SLA Picnic

August 20-Annual Meeting/Board Election*

September 3-Diane's Lights Night

September 17- SLA Meeting*

October 15-SLA Meeting*

*SLA meetings are held at the Corinna Township hall at 8:00 a.m.

Send Newsletter submissions to:

Don Peterson

319 Wayside Rd W

Hopkins, MN 55343

Home 952-939-0172

Work 952-361-3026

E-mail donpeterson@maxigard.com

For membership, address, e-mail, or property owner changes

contact Karen Pitra at

Karen Pitra

11102 Hoyer Ave NW

Annandale, MN 55302

320-274-8153

Or

Tanya Olin

11145 Hoyer AV NW

Annandale, MN 55302

320-274-5218

E-mail: tanya.m.olin@wellsfargo.com

WELCOME BACK TO SUGAR LAKE

ATTENTION GENERAL MEMBERSHIP MEETING

Plan to attend a general membership meeting Saturday, May 21, 9:00 a.m. at the Corinna Township Hall located on Ireland Ave, 1/3 mile north of County Road 39. The meeting topic is:

Curly Leaf Pondweed

- Learn what curly leaf pondweed is and why it is a threat to Sugar Lake.
- Where is curly leaf pondweed in Sugar Lake and how big is the problem?
- Find out what has been done, what treatment plans are for this year, and what the future holds.
- See what the plant looks like so you can identify it.
- Hear what others have done and what you can do to stop the spread of curly leaf pondweed.
- Have your questions answered.

Graduating class of 2005



Left to right top row: Irvin Scott, Doc Williams, Steve Mann, Tony Rieger-Borer, Arv Klemz, Justin Mann, Dale Gustafson.

Left to right front row: Lorenchia Scott, Karla Heeter, Andrea Welter, Steve Harnett

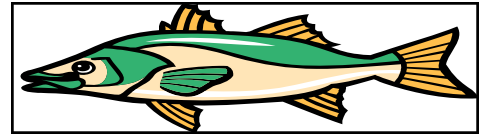
Pictured here are SLA members who completed a one day shoreland volunteer workshop March 12, 2005, at the Robert Ney Nature Center. Earlier graduates of this program include Chris Behm, Dale Gustafson, Don Peterson, Suzanne Quinn-McDonald, and Mike McDonald. Shoreland volunteer training is sponsored by the University of Minnesota extension service. The one day training session topics include basics about how lakes work, shoreland regulations, watershed concepts, land use practices that impact water quality, and tips on how to share your knowledge. These individuals are a resource for your questions about Sugar Lake and lake living. If you are interested in this training contact any of the graduates listed, a current board member, or your area communicator.

APRIL 16TH ASSOCIATION MEETING HIGHLIGHTS

KASTL'S KORNER

The latest lake report.

Two pair of loons reported. Steve Mann spotted the first loon on the lake April 4 at 5:30 p.m. in the bays on the NW side.



Date	Ice Out	Clarity	Water Temp	Air Temp	Culvert	
					Inlet	Outlet
04-12-00	3/24	11'	38°	41°	19"	23"
04-20-01	4/20	12'	34°	36°	21"	25"
04-20-02	4/16	14'	34°	48°	23"	28"
04-22-03	4/12	10'	49°	61°	23"	28"
04-14-04	4/4	10'	50°	55°	20"	25"
04-12-05	4/8	10'	48°	48°	22"	27"

The following ice-over dates were provided by Tim and Michelle Pippo:

12/20/01 12/3/02 12/2/03 12/14/04

Treasurer's Report- report as of April 16, 2005.

General Fund: \$18,371.17
Lake Improvement Fund: \$10,407.22
Milfoil Fund: \$36,968.99
TOTAL **\$71,926.72**

Membership

As of April 16, 229 paid memberships have been received, many with additional donations. For those members who have not sent in dues please be sure to sign the lower portion of your invoice allowing the vegetation committee to treat for Eurasian Watermilfoil in front of your property, if necessary. In order to respond quickly and meet the requirements of the DNR permit your advance signature is required. If you have mailed in your dues without signing the permission form please sign the form on page 7 of this newsletter and send it to Sugar Lake Association, 11102 Hoyer Ave NW, Annandale, MN, 55302.

If you know someone new in your area that might be interested in becoming a member of the SLA notify Karen Pitra. She will contact the new property owners with information and make them feel welcome to the area. Notify Karen of any changes to the directory information including address or phone changes. Contact Karen at 320-274-8153 or email kak8900@aol.com.

SUGAR LAKE NEWS FLASH: This e-mail service is available for Sugar Lake members, family, and friends. Contact Tanya Olin at tanya.m.olin@wellsfargo.com or call 320-274-5218 with your e-mail address to get on the Sugar Lake News Flash list or to submit news items or for sale items. Please keep your e-mail address updated with Tanya.

A new directory is being printed this year. Your updated information should have been submitted with the dues invoice. If you have changes contact Karen Pitra.

Please welcome new members:

Chuck & Cheryl Bangasser, Paulette Harapat, Ron & Cathy Hubred, Richard Wiegard

We extend our sympathies to the families of:

- Lois Stenberg who passed away in November 2004. Lois was a long time resident and one of the original board members on the lake.
- Evelyn Lund who passed away in January 2005. The Lunds have owned the property on Sunset/Bell Point for over 50 years. Ev Lund (age 95) was one of the oldest original residents on Sugar Lake.
- Harold Bencotter (Brownie) who passed away in January 2005.
- Marge Ottenstroer who passed away in February 2005. Marge's husband, Russ, remains a resident on the lake in addition to her daughter and son-in-law, Carla and Mike Huro.

Township News

Corinna Township Town Board meetings are held the first and third Tuesdays of every month at 7 p.m. The Corinna Town Hall is located on Ireland Ave, 1/3 mile north of County Road 39.

Clerk: Vi Novotne 320-274-5179

- Junk Amnesty day is scheduled for Saturday, July 30, 2005, from 8:00 a.m. to 1:00 p.m.
- Visit the Corinna Township website at www.corinnatownship.com.

Clearwater Township Town Board meetings are held the third Tuesday of every month at 7:30 p.m. The Clearwater Town Hall is located on Highway 24, 3-1/2 miles south of Clearwater.

Clerk: Sharon Lee 320-558-6725

Education

Sugar Lake Association Scholarship

The Sugar Lake Association (SLA) is committed to protecting and preserving the resources that contribute to the natural beauty of Sugar Lake; as well as preserving and improving it's water quality. We feel there is a need for the ongoing education of current and future lake residents. To help promote this mission the Water Quality Education Committee of the SLA awarded a \$500 scholarship last year. So far this year donations toward the scholarship total \$250. If you would like to see the scholarship continue at the \$500 level please consider an additional donation. Donations for the scholarship fund are being accepted at any time by Tom Hall, SLA treasurer – 10597 – Hollister Ave NW, Maple Lake, MN 55358

Lake Vegetation

Permit issues: We need to get signatures of everyone on the lake so we can treat when we need to. If your signature is not on file we cannot treat in front of your property jeopardizing the entire treatment program. The list of remaining property owners has been given to area communicators.

The board approved a list of anticipated expenses for vegetation this year. Major areas include:

- **Permit:** Maximum permit cost \$750.00
- **Milfoil:** Have milfoil teams identify areas of infestation and treat ourselves. Treat areas of worst infection with chemical. Estimated treatment up to 10 Acres budget for 5acres or 20 bags of chemical. \$2160
- **Sensitive Vegetation Buoys:** Install buoys as last year except add channel markers in NW bays.
- **Re-vegetation Projects:** Identify 3 important areas in lake for replanting and organize planting projects. Budget amount \$1,000.00 Purchase wave break barriers for 2 plantings. Budget amount \$400
- **Curly Leaf Pondweed:** Identify areas for treatment as soon as ice goes out. Treat areas with Hydrothal in April by Lake Restoration. Estimate 20 to 30 acres at \$285.00 per acre = Estimated budget \$6,000.00

This is the second year Sugar Lake will treat curly leaf pond weed. This exotic plant is fast becoming the number one foe for a healthy lake. It's life cycle is extremely destructive to the health of the lake

Water Patrol

Water Patrol meeting May 21 If you are presently a member of the Sugar Lake water patrol or interested in becoming a member plan to attend a meeting at the Corinna Township Hall May 21 from 11:00 a.m. to Noon. Joel Mackereth from the Wright County Sheriff's office will be attending. If you have any questions call Dan Bonine 320-274-2005.

Newsletter

Save the association some postage. If you'd like to receive the newsletter electronically and would like to be removed from the hard copy mailing list, please email Tanya (tanya.m.olin@wellsfargo.com) or Don Peterson (donpeterson@maxigard.com) with your current mailing name, address and preferred email address, so we can be sure you are on the proper list.

Pages 5 & 6 in this newsletter with information on identifying curly leaf pondweed and curly leaf look-alikes are reprinted with permission from the University of Minnesota Shore to Shore newsletter. Shore to Shore is made possible by the Minnesota Sea Grant in cooperation with the University of Minnesota Water Resources Center. If you are interested in the newsletter visit: www.shorelandmanagement.org/citizen/

New business

- Committee positions for government liaison and water patrol are still open. If you are interested contact any board member.
- A motion was made and passed to consolidate the three existing checking accounts to one. Sub-accounts for general, lake improvement, and milfoil funds will be tracked and reported on as they are now.

Sugar Lake Association Meetings Resume

As a reminder, the monthly Sugar Lake Association meetings began in April and will continue each month through October on the third Saturday of the month. Meetings are open to all members. Issues you want addressed by the board at the next meeting should be given to your local board member or by calling Chairman Steve Mann at 320-274-6267 or e-mail smann@lakedalelink.net one week prior to the meeting. Advance notice is requested so the issues can be included in the printed agenda. Issues not included in the agenda will be received at the meeting from the floor at the conclusion of the agenda items.

Winter Meeting

A winter meeting of the Sugar Lake Association was held February 12, 2005 at the Robert Ney Nature Center. Topics covered at the meeting included a review of 2004 highlighting accomplishments of the last year, a review of the 2005 calendar, and education and vegetation committee updates. A very professional video on shoreland restoration produced by John Rivers, featuring Dale Gustafson, was shown. The video walks you through a complete shoreland restoration project. Find out in the May 2005 newsletter how you can view this video. Guest speaker, Eleanor Burkett, with the University of Minnesota Extension Service spoke and presented a slide show on lake-



shore restoration and vegetation. Eleanor has been involved with the shoreland volunteer program and all aspects of lakeshore vegetation for many years. She related her experience on projects all over the state to our needs on Sugar Lake.



Fisheries

Walleye stocking update:

In October 2004, 3,351, 4" - 6" walleye fingerlings were stocked in Sugar Lake. This was possible because of membership donations of \$1,843 designated for walleye stocking. The stocking took place at Warner's resort. The source of the fingerlings was West Central Bait & Fisheries from New London, MN. You can visit their web site at www.gotwalleyes.com for more information. The walleye stocking was coordinated and managed solely by Paul Gustafson. Thank you Paul.



From Paul Diedrich, DNR Area Fisheries Supervisor:

The DNR also stocks Sugar Lake with walleye every other year. The reason the DNR stocks walleye is that there is little reproduction of this species. This may be due to lack of suitable spawning habitat, competition or predation by other species or other factors.

Recent information has shown that larger lakes without walleye reproduction may benefit from stocking at a rate of 2 lb./littoral acre. This is twice as high as our traditional stocking rate. Therefore, our goal for stocking has been increased and it will be 714 pounds (approx. 14,000 fingerlings) in 2006. Hopefully our production can meet new statewide goals.

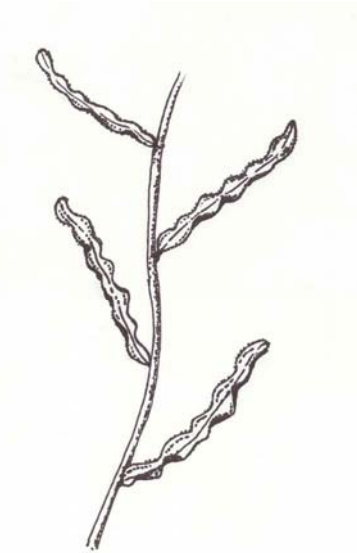
Identification of Curly leaf pondweed (*Potamogeton crispus*)

Mary Blickenderfer & Eleanor Burkett

UNIVERSITY OF MINNESOTA

Extension

S E R V I C E



Alternate leaf pattern on stem

Curly leaf pondweed is an exotic rooted, submersed aquatic plant, similar in appearance to many native species of pondweed commonly found in Minnesota lakes and streams.

Identification

Curly leaf pondweed can be distinguished from other aquatic plant species using the following two attributes:

- 1) their leaves attach to the stem in an *alternate pattern* (typical of pondweeds), AND
- 2) the summer leaves have *finely serrated margins* (only found in curly leaf pondweed)

In addition, the leaves are very wavy and may be reddish in color, but these are not unique to curly leaf pondweed.

Habitat

Curly leaf pondweed is considered a deep-water plant, but will also colonize in shallow water. In a lake where it is dominant, it may start in 1 to 2 feet of water and extend out to depths of 10 feet or more. Because it can tolerate low light curly leaf pondweed grows well in disturbed sites and can grow under algae blooms or ice.

The strong rhizomes anchoring the plants into sediment allow curly leaf to grow in areas with strong wave action or streams with moderate velocity.

Life cycle

Curly leaf pondweed also has a unique life cycle, which gives it competitive advantages over many other aquatic plants.

As the water cools in autumn, it sprouts from buds on small dormant stem structures (called “turions”) lying on the lake bottom. The small winter plants remain alive under the ice and snow. When the ice melts and water temperature warms in the spring, it begins a period of rapid growth of summer leaves. Mats of these leaves may float at or near the water surface.

Later in the spring, flower spikes are produced that emerge above the water surface. By June, the fruits are mature on the stalks and drop to the sediment. The seeds in these fruits have very low germination rates.

Prior to dying back in mid-summer, curly leaf pondweed produces large numbers of small turions in leaf axes along its stem. When the parent plant dies, these living turions disperse by water movement, sink to the lake bottom, and lie dormant during the summer when other aquatic plants are actively growing. Reproduction of curly leaf pondweed is primarily through these turions.



*Serrated leaf margin
2 x normal size*

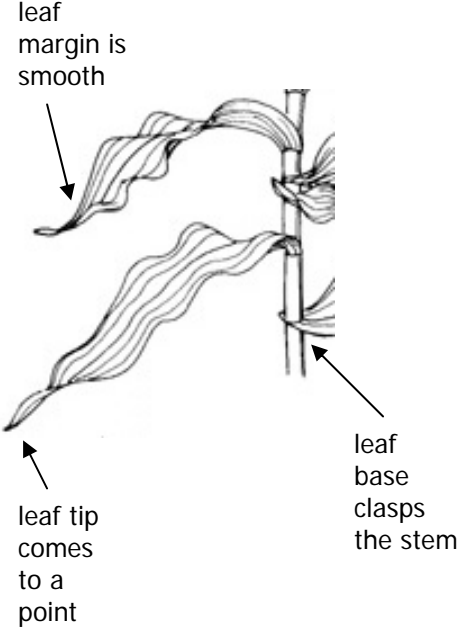
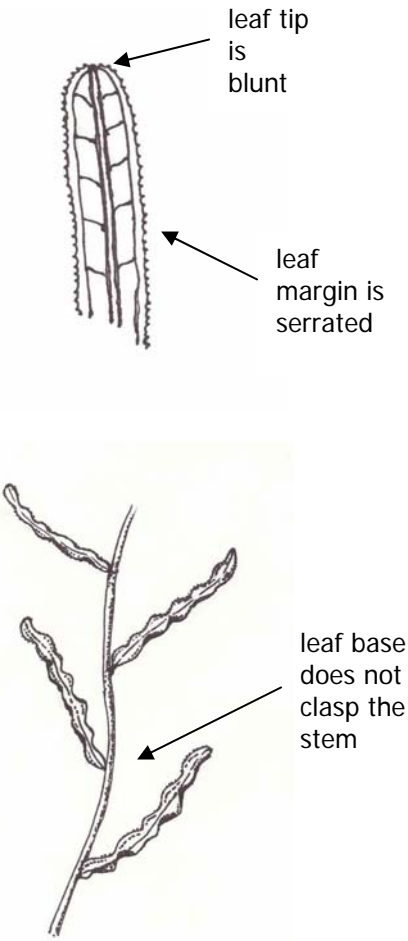
References:

Boorman, S., Korth, R. & Temte, J. (1997). *Through the Looking Glass: A Field Guide to Aquatic Plant Management*. Wisconsin Lakes Partnership
Crowell, W. Curlyleaf Pondweed: New Management Ideas for an Old Problem. *Minnesota Lakes Association Reporter* 7:1.

Curly leaf pondweed look-alike:

Potamogeton richardsonii (Richardson's pondweed)

Compare Richardson's pondweed and curly leaf pondweed using these descriptions and illustrations below. Use this information to distinguish between these plants.

<h4>Richardson's pondweed <i>Potamogeton richardsonii</i></h4> <ul style="list-style-type: none">• leaf margin is entire (smooth)• leaf base clasps the stem• leaf tip comes to a point  <p>leaf margin is smooth</p> <p>leaf tip comes to a point</p> <p>leaf base clasps the stem</p>	<h4>Curly leaf pondweed <i>Potamogeton crispis</i></h4> <ul style="list-style-type: none">• leaf margin is serrated (toothed)• leaf base does not clasp the stem• leaf tip is blunt/rounded  <p>leaf tip is blunt</p> <p>leaf margin is serrated</p> <p>leaf base does not clasp the stem</p>
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Extra Donations

Sugar Lake members have been extremely generous in making extra donations. The following list of members responded to the donation request mailed with the October 2004 newsletter

Tamzin Brown
Orville Doering
Nancy Dunn
Karl & Enith Enghauser
Mary Giles
Barbara Goldstein
Dale & Nan Gustafson
Tom & Maggie Hall
James Hanson
Irene Klein
John & Dorothy Klobe
Sheri Lundstrom
Robert Lund
Mike & Suzanne McDonald
Michael Mengelkoch
Doug & Martha Miller
Dave & Karen Moonen
Robert & Diane Niederer
Don & Cindi Peterson
Peter Ramme
Roger Riesgraf
Jerry & Betty Sauter
Arthur Sauter
Ed & Margaret Scinto
Wayne & Carole Seestrom
Dorothy Stannard
Joseph & Jean Urista
Mr. & Mrs. Al Wallin
William & Tracy Walker
Dave & Elizabeth Williams

Dear Sugar

Dear Sugar: I looked out the front window of my cabin this past weekend (April 17) and noticed leaves floating on the water as far as I could see. Because they were floating I concluded that they must have recently been put in the lake. Could the wind have done this or do you think someone used the lake as a convenient way to get rid of their leaves? **Bewildered Dear Bewildered:** Hopefully it was a simple mistake or just poor judgment. I saw them too and don't think we had enough wind in the past several days to put that many leaves in the lake. The worst thing about the leaves is the phosphorus they bring with them. Remember last year walking onto your dock and looking down into the water? You may have seen little green dots all over the surface. That was algae. When you went swimming did your eyes start to itch and continue to do so for several days? That's one of the effects of algae. Phosphorus is algae's prime food source. I have seen algae so thick on our lake, that when I put my hand into the water, it came out coated in a green slime. Phosphorus enters our lake in many ways and leaves are but one source. Run-off from farm fields, roads, failed sewer systems, and lawns, are some other ways. Your lake association is working hard to eliminate as many of these sources as they can, with a number of successes, I might add. Each property owner on and around the lake must do their part. Everything we as lake shore owners do to our property affects the lake in some way. We should make sure that those consequences are beneficial to the lake. No one can eliminate all the sources of Phosphorus entering the water, but together we can hold it to a minimum.

Give Our Lake a Break

Learn to identify the aquatic vegetation by your dock so you can tell if there are new invasive plants there.

For help with plant identification contact one of the shoreland volunteers listed in this newsletter or any board member for a referral to someone who can help.

If you have not already done so please sign then cut this form off and mail to:

Sugar Lake Association, 11102 Hoyer Ave NW, Annandale, MN, 55302.

Our Vegetation Committee is planning to treat Eurasian water milfoil and curlyleaf pondweed this year. Our treatment areas are not defined, but our management plan calls for quickly treating the infestation as soon as we make positive identification. In order to be able to respond quickly, we NEED advance permission from all Sugar Lake property owners to treat exotic vegetation in front of their property. All treatment will be approved by the DNR and in accordance with our milfoil management plan.

Printed Name: _____ Lakeshore footage _____

Address: _____

Signature: _____ Date signed: _____

For Sale

Shore Station boat lift with 20 ft canopy. SS-26108A Alum lift, 108 inch wide, holds 2600 pounds. \$1500 Call Scott 612-325-1718

Spring Cleaning:

14' Alumacraft fishing boat/deep & wide fishing boat, with 25hp merc elec start long shaft-tiller, with shorelander trailer and shorestation boat lift and canopy. \$3,500

Sea Ryder 4 person paddle boat with canopy and aluminum pontoons \$375

Trukmate aluminum 4'x6' fish-house on ski's and wheels / 3 holes/ \$675

Contact Herbie 320 963 8854

For Sale

1987 Lund 14 foot fishing boat with 9.9 hp Mercury electric start, 1979 Midi trailer. \$1,600

2500 pound Shoremaster cantilever style lift—no canopy. \$400

Contact Don Peterson—work 952-361-3026, home 952-939-0172

Can cooler and travel mug sale

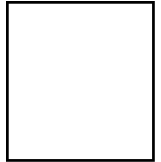
Can coolers and travel mugs with a Sugar Lake logo are available for sale. The can coolers are \$2 each,



travel mugs \$5 each with proceeds benefiting the milfoil fund. Contact Karen Pitra at 320-274-8153 for information or stop by Karen's Hallmark in Annandale.



The Sugar Lake Association
The Sugar Lake News
7285 120th St NW
Annandale, MN 55302



ADDRESS SERVICE REQUESTED