

Interpreter

A Publication of The Sugarloaf Interpretive Center Association
 9096 Highway 61, PO Box 63
 Schroeder, MN 55613 218.740.2755

Hands-free Interpretation Comes to Sugarloaf

Visit Sugarloaf's new wetland restoration interpretive trail this winter!



wendy strombeck

Three signs guide visitors into the wetland restoration area past deer exclosures.

In summer 2003, Sugarloaf volunteers installed new interpretive signs along a short spur trail that leads into our wetland restoration area. The wetland restoration has been one of Sugarloaf's biggest success stories, turning the site of an

old cement block building into a rare Lake Superior coastal wetland. Now visitors can learn about that project and more.



SICA

The Coastal Program grant also helped Sugarloaf extend the boardwalk along the interpretive trail.

The one-mile interpretive trail that leads around our 34-acre site has been a popular feature at Sugarloaf. The visitor gets a nicely-designed guidebook at the trailhead and reads the text in the guidebook associated with many interesting natural and cultural features alongside the trail. In the winter, this gets a bit tricky as cold winds blow through leafless forests and bulky mittens make page-turning hard.

The new section of trail is different. Like in a museum, the signs and the explanation are right there, on posts, with nice photos and images. You can keep your mittens on!

A new sign at the parking area is the first hint of something new. You can either follow the existing trail around, or head right down past the interpretive center building straight to the beach. A three-panel kiosk introduces you to the Scientific and Natural Area. Then three more signs take you into the wetland restoration, from the edge to the transition zone to the heart of the wetland.



wendy strombeck

This new display welcomes visitors to the Sugarloaf Cove Scientific and Natural Area.

This project was financed, in part, through the Coastal Zone Management Act, by NOAA's Office of Ocean and Coastal Resources Management, in conjunction with Minnesota's Lake Superior Coastal Program and Minnesota DNR Waters. The project also included an extension of the boardwalk along the main trail and a much-needed update of the trail guidebook.

Come on by, strap on your snowshoes and tour the Sugarloaf beach and wetland. You'll learn something and keep your fingers warm at the same time.

THANKS TO THE FOLLOWING FOR THEIR HELP WITH THIS PROJECT:

Barb and Robert Liukkonen for help developing and installing the signs.

John Green and Pat Maus for help reviewing the signs.

Nancy Nelson, Wendy Strombeck and Kelly Randall for copy and design.

The Minnesota Conservation Corps for extending the boardwalk.

Pat Collins, Steve Wilson and Kelly Randall of the Minnesota DNR for assistance.

Terri Port Wright, former SICA director, for her vision and persistence.

SICA's VISION is a healthy Minnesota North Shore of Lake Superior where an informed citizenry takes personal and group responsibility to ensure that natural and ecological systems and human economic and social systems coexist in a fashion sustainable into the future.

Cove

Northeastern Exposures

It's a simple, dominant fact about Sugarloaf Cove: it opens dramatically to the northeast. But there's a lot more than just a view coming from that direction. Storms, glaciers and stones have come from there too. Though we call it the "North" Shore, northeast is the real story.

When you stand at the cobblestone beach and look out at Lake Superior, you're actually looking straight up the North Shore towards Grand Marais. On a calm summer day, this means you get a nice view, of Taconite Harbor and the more distant Sawtooth Mountains. The large, smooth cobbles at your feet came from that same direction, borne by unimaginable forces of ice and water.

The cobblestone beach of Sugarloaf Cove is one reason Sugarloaf was nominated for, and accepted as, a state Scientific and Natural Area. Each of these stones tells a dramatic story. Most of these stones were pulled as ragged chunks from the bedrock somewhere north and east of Sugarloaf and carried by glaciers to this site. Along the way, they became more rounded and smooth. Over the last ten thousand years, wave action worked on these chunks of rock, smoothing them over more like a giant rock polisher.

But cobbles this size had to have some serious energy to move them and sort them out like this. It hasn't just been any wave that has done this work, but the nor'easter gales of Lake Superior, with two hundred miles of fetch to build up and then the rocky shores of Sugarloaf



Point and the mainland to focus their power inward.

Northeast winds hit this end of Lake Superior in low-pressure system storms that have come across the Great Plains. In the summer, the cold water of Lake Superior dampens these cyclonic storms and they either die out or divert away from the lake. But come fall, the lake water is warmer than the land and like a hurricane feeding off warm tropical ocean water, the storm picks up energy from the lake. Winds rotate counter-clockwise around a low pressure area, so as a storm tracks over the middle of the lake, the winds at the top are blowing from the east and northeast.

What an amazing confluence of forces you can find down at the Sugarloaf beach! Rocks carried from the northeast are buffeted by waves rolling from the northeast, created by northeast winds, from storms headed to the northeast. No wonder it's such a dramatic North Shore view ...to the northeast.

ANDREW SLADE

Sugarloaf Interpretive Center Association Members

as of January 31, 2003

PATRONS (\$500 and above)

<i>Elmer and Eleanor Andersen</i>	<i>Arden Hills</i>
<i>Tony Andersen</i>	<i>Saint Paul</i>
<i>Tom and Kay Becken</i>	<i>Lake Elmo</i>
<i>Jean Ljungkull</i>	<i>Lutsen</i>
<i>Richard and Ella Slade</i>	<i>Minneapolis</i>

SUSTAINING (\$100 TO \$499)

Mary Aijala	Silver Bay
Julian and Jamie Andersen	Seattle, WA
Verna and Harold Alt	Minneapolis
Mary Blickendorfer	Deer River
David and Denise Carlson	Little Marais
Don and Peg Davison	Farmington
Gary Deason	Finland
Tom Duffus	Duluth
Paul Engh	Minneapolis
Art Fenstad	Silver Bay
Paul and Edna Granlund	Schroeder
John and Janet Green	Duluth
Marcy Harris	Eden Prairie
Ginny Jacobson & Mike Anderson	Anoka
John and BJ Kohlstedt	Finland
Skip and Linda Lamb	Schroeder
Barb and Robert Liukkonen	Moundsview
Charles Matsch	Duluth
Jim and Fran Mullin	Minneapolis
Nancy Nelson	Duluth
David & Andrea Peterson	Grand Marais
Jack & Genea Pichotta	Finland
Andrew Slade & Sally Rauschenfels	Duluth
Wendy Strombeck & James Waldo	Medina
Lorrie Stromme & Steve Pihlaja	Minneapolis
Dale Ulrich & Julie Brunner	Saint Paul
Rebecca Wiinanen	Grand Marais
Tim Wilson & Amy Andersen	Lander, WY
Fred and El Winston	Wayzata
Al and Terri Wright	Esko
Mike and Barb Zins	Cologne

SUPPORTING (\$50 TO \$99)

Emily Andersen	Storrs, CT
Robert and Phyllis Beery	Rochester
Tom Beery	Duluth
Edward and Kathryn Bolstad	Grand Marais
Jim and Judy Brandenburg	Ely
Mr. and Mrs. W.D. Carlson	Saint Paul
H. Michael Casper	Silver Bay
Robert and Bette Dunn	Princeton
Lois Ann Eyinck	Grand Marais

Christina Gallup
Lois and John Geist
Norman and Ruth Harris
Peter Harris and Carrie Anderson
John Henriksson
Tom Jordan
Martin and Esther Kellogg
John and Patricia Leinen
David and Marnie Lonsdale
Pat Maus
Deborah McKnight
Wilmer Miller and Ellen Sundholm
Jack and Barb Morris
Richard and Beatrice Ojakangas
Bob and Jean Port
Ed and June Rogier
Teresa Root
Tom Schaub and Carol Andrews
Jackie and Dell Schott
Mark and Joan Strobel
Lorraine Tressel
Libby Wilkes

CONTRIBUTING (\$25 TO \$49)

John Alt and Chel Anderson	Grand Marais
Allan Apter	Duluth
Greg and Anne Bartel	Minneapolis
Beryl Bissell	Schroeder
Betsy Bowen Studio	Grand Marais
Fred and Sue Brass	White Bear Lake
George Carhart	Plymouth
Kermit and Margaret Carlsen	Schroeder
Gene Clark	Duluth
Ken Clark	Superior
Bob Cormier	Duluth
Kathleen Dahl	Minneapolis
Duluth Public Library	Duluth
Serina Ege	Little Marais
Scott and Jan Ellingson	Waconia
Nancy and Richard Gongoll	Elk River
Jim Hall	Lutsen
Sheri Harris	Minneapolis
Chester and Iza Hedin	Two Harbors
Gary L. and Ellen Hedin	Silver Bay
Steve Heikkila	Duluth
Ellen Held	New Hope
Mr. and Mrs. P.B. Hofslund	Duluth
Tim and Beth Holst	Duluth
Barbara and Richard Hough	Arden Hills
Amanda Hudson	Rockford, IL
Betty Karpen	Silver Bay
Larry Kivens	Minneapolis
Jim Krache	Saint Paul
Carol Krieger	White Bear Lake
Chris and Jim Kustritz	Brooklyn Park
Randy Lake	South Pasadena, CA
Kris Larson	Duluth
Charles and Mabel Magney	Duluth
Bruce Martinson	Schroeder
Mr. and Mrs. Jerry Meigs	Saint Paul
Meriden Engineering	Hibbing
Jim Norvell	Schroeder
Helen and Paul Olfelt	Minneapolis
Howard and Bettye Olson	Saint Paul
Barbara Peichel	Duluth
Ethan Perry	Duluth
Clyde and Karen Ritchie	Duluth

Duluth
Knife River
Eden Prairie
Silver Bay
Mahtomedi
Duluth
Saint Paul
Stillwater
Duluth
Duluth
Edina
Finland
White Bear Lake
Duluth
Cloquet
Minnetonka
South Saint Paul
Duluth
Chanhassen
Saint Paul
Andover
Lutsen

Lorraine Rustari
 John and Laurie Schneider
 Schroeder Area Historical Society
 Mardene Schuiling
 Sheila Smith
 Byron and Darlene Stadsvold
 Richard Starr and Joanne Alt
 Stephen Steinhagen
 Mary Storland
 Hazel G. Strese
 Graydon and Maxine Stromme
 Larry Sumbs
 Dode Wonson
 David Yount

Silver Bay
 Elk River
 Schroeder
 Bemidji
 Forest Lake
 Rochester
 Eagan
 Lutsen
 Grand Marais
 Saint Paul
 Duluth
 Duluth
 Hopkins
 Duluth

FOUNDATION SUPPORT IN 2002

Andersen Foundation-
 Challenge grant
 Consolidated history
 Upland exotics
 Minnesota's Lake Superior Coastal Program-
 Wetland restoration interpretive trail
 Minnesota DNR-
 Restoration grant

CONTRIBUTORS TO ENDOWMENT FUND

Jean Ljungkull
 Joanne Alt and Richard Starr
 BJ Smith Kohlstedt
 Elmer Andersen (Allan Haff Memorial)
 Barbara Richardson (Allan Haff Memorial)
 Mary Haff (Allan Haff Memorial)
 Don Ingram (Allan Haff Memorial)

Total 2002 contributions: \$5,528
Status of the endowment: \$10,050

PEOPLE SERVED

Second Saturday programs: 200
 Other programs: 50

LOG BOOK REGISTRIES

Minnesota	305
Wisconsin	23
Illinois	7
Iowa	6
California	4
New York	4
South Dakota	3
Missouri	3
GA, PA, AZ	2 each
MA, NE, IN, MI, ON, PA, RI, TN, MO, AR, NM, TX	1 each
<i>Other countries: Tanzania, Ecuador, Lithuania, Sweden, England, France, Germany</i>	

Total log book: 384
Estimated total site visitors: 2600

HIGHLIGHTS FROM THE LOG BOOK

"Will soon be one of our favorite places on the N. Shore. Beautiful!"

"Wow! What a fantastic find. Thanks for a great lesson in nature, history and geology."

"Trail guide very well done, interesting for adults and children."

"Beautiful! Never knew this was here!"

"We were here 3 yrs ago...you have done a lot of great things + preserved a beautiful area."

"What a fabulous place! One of the jewels of the North Shore. Thanks for making it accessible to us all."

"I remember being here when the log chute was in operation!"

BUDGET (endowment transactions not included)

Note: These figures have not been audited.

INCOME

Membership dues	\$7480
Grants	\$32,396
Contracts	\$2164
Sales on site	\$614
Donations	\$210
Dividends	\$118
Fishboil.	\$350
Fee for service	\$200

Total income \$43,532

EXPENSES

Contract labor	\$4690
Dues and subscriptions	\$275
Fundraising costs	\$176
Insurance	\$2,134
Building materials	\$1181
Office supplies	\$737
Payroll expenses	\$18,549
Postage	\$372
Printing/reproduction	\$8762
Fees	\$107
Program expenses	\$2,983
Telephone	\$1,964
Travel expenses	\$2,398
Visitor center costs	\$3,790

Total expense \$48,118

A Tribute to Barb Liukkonen, past board chair



By Terri Port Wright, past executive director

Barb Liukkonen has served on the SICA Board for eleven years and offered more than just vision and leadership. She offered serious hard work in helping to build the deck, in applying polyurethane to the interior walls, and in putting up displays.

But beyond the visible labor that a person provides to any organization, Barb was one of those leaders that was simply always thinking and worrying about Sugarloaf. It didn't matter what day of the week it was, or what time of the day. You could call Barb to ask a question and she would have been just emailing someone else about that very issue, or just writing a letter on that very topic. Her unending dedication to securing funding for projects, or for securing the decking or windows for the Interpretive Center, are just two examples of her hard work.

The interpretive signs that are now up along the trail were easy to write, but to get them from the designer and onto wood and up to Sugarloaf couldn't have happened without Barb.

While it certainly is true that an organization like SICA relies on the amazing coordination and commitment of many people, it is also true that SICA will notice the absence of Barb because of her constant commitment and very hard and earnest work. Barb always worried about SICA and probably always will.

I just hope that now she will have a little more time to worry about shoreland education, water quality education, and maybe even do a little more quilting and work on her front yard water garden. Thank you Barb, for all of your wonderful work at Sugarloaf!

Thanks, Barb Peichel!

A big fan of Sugarloaf stepped up to the plate this fall when the association needed help. Barb Peichel of Duluth, who has been a SICA member and volunteer site host, did a great job keeping the wheels of SICA rolling, answering the mail, organizing the site and greeting visitors on fall weekends. Now she is off to Washington, DC on a prestigious Dean John A. Knauss Marine Policy Fellowship with the National Sea Grant College Program. As she left, she said, "Take care of Sugarloaf for me." Thanks Barb P., we will!

Wish List

At Sugarloaf, we're always looking for ways to improve the site and our members' experience there. If you have any of these items unused, please consider donating them to Sugarloaf. We can provide a receipt for tax purposes.

- Binoculars for educational programs
- Snowshoes
- Hand tools for restoration work: shovels, saws, trowels, etc.
- Couch (in good shape) for interpretive center reading area.



Current SICA Board

Richard Slade , Minneapolis	President
Jim Mullin , Minneapolis	First Vice-President
Skip Lamb , Schroeder	Second Vice-President
Marcy Harris , Eden Prairie	Secretary
Rebecca Wiinanen , Grand Marais	Treasurer

Dave Carlson	Little Marais
Christina Gallup	Duluth
John Green	Duluth
Barb Liukkonen	Moundsview
Pat Maus	Duluth
Ethan Perry	Duluth
Andrea Peterson	Grand Marais
Steve Pihlaja	Minneapolis
Mike Zins	Cologne

Elmer Andersen	Founding Director
Andrew Slade	Interim Executive Director

Sugarloaf Interpretive Center Association
9096 Highway 61, PO Box 63
Schroeder, MN 55613

S I C A A C T I V I T I E S

M A R C H 7

Rolf Peterson presentation on Isle Royale wolves in Duluth, co-sponsored by Sugarloaf.

M A R C H 8

Second Saturday at Sugarloaf
Winter camping demonstration

A P R I L 1 2

Second Saturday at Sugarloaf
Interpretation stations by UMD students

M A Y 1 0

Second Saturday at Sugarloaf - Tree planting

M A Y 1 7 - 1 8

Annual work weekend and SICA board meeting at site

All Second Saturday Activities start at 10 am at the Sugarloaf Cove Interpretive Center.

The Sugarloaf Interpreter is published quarterly by Sugarloaf Interpretive Center Association. Subscription is a benefit of membership. Single copies available on request. Submissions welcome. Send to sugarloaf@lakenet.com. Designer: Wendy Strombeck.

Annual memberships are tax deductible. Please make checks payable to Sugarloaf Interpretive Center Association, and mail to the SICA office at 1040 Minnesota Avenue, Duluth, MN 55802. SICA is an educational, non-profit 501(c)(3) Minnesota Corporation.

membership
APPLICATION

Please enroll me as a member of the Sugarloaf Interpretive Center Association in the category I have indicated.

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

PHONE _____

E-MAIL _____

M E M B E R S H I P C A T E G O R I E S

- \$ 25 Contributing
 \$ 50 Supporting
 \$ 100 Sustaining
 \$ 500 Patron
 \$ 1000 Benefactor
 \$ _____ Other

New Renew

Sugarloaf Interpretive Center Assoc
1040 Minnesota Avenue
Duluth, MN 55802
sugarloaf@lakenet.com

T H A N K Y O U !