



C L E A R W A T E R

Navigator

LATE WINTER 2006

REVIVAL!
(SEE PAGE 6)

Sloop Update:

Back in the days when sloops were as common on the Hudson as trucks and buses on our streets today, these vessels were expected to last about twenty years. Most likely, they didn't receive the level of care and maintenance that is common today, and they almost surely didn't receive the sort of restoration work that is now taking place on our sloop. At the age when sloops of old would likely be worn out, pushed up some creek and left to rot, *Clearwater* is receiving the latest installment of an ongoing process which will have her sailing for decades to come.

At the time of this writing, we are well into the process of replacing the foredeck of *Clearwater*. We had a quick haulout at Tottenville Marine on Staten Island, then it was up to the Maritime Museum in Kingston, where a 65 ton crane was used to remove *Clearwater's* mast and spars (see photo at right). The standing rigging has been sent down to a rigger in Maryland for replacement. It was a funny looking motorboat that pulled into the Esopus in mid-November and tied up to the bulkhead at Lynch's Marina.

Over 400,000 pairs of children's feet over 36 years had worn the old deck down as much as an inch in places. We were pleased to find the deckbeams in very good shape, requiring relatively few replacements. In addition to the wood and rigging work being done this winter we will be upgrading parts of the sloop's electrical system.

We've made some exciting improvements to the shop space in the barn at *Clearwater's* winter home in Saugerties, and this winter's crew housing is in a great house just up the hill. The crew days off (yes, they actually do get some!) are being scheduled so that we will be open for business seven days a week. That means plenty of volunteering opportunities! We have a fun, talented crew this winter, and lots of work to share, not to mention those world famous Clearwater Potlucks.

—Patrick Flynn
Restoration Captain



Top photo: Former Clearwater captain, JC Parker (photo: Andy Mele); Second photo by Andy Mele; Third photo: Maggie Carlson, Brian Mohan and Nate Killips in background (photo: Andy Mele); Bottom photo: Tom Kenndling and Patrick Flynn (photo: Scott Carn).

how you can help:

Exciting times on the sloop *Clearwater*! Log on to www.clearwater.org for progress reports on the sloop and potluck dates, or call Tracey at the office to volunteer (845) 454-7673 ext. 105.



Dear Clearwater Members:

It is with great pleasure that I return to Clearwater as executive director after more than 20 years since sailing aboard the sloop as captain. We face complex challenges today as we continue forty years of building an empowered community for a clean and healthy river.

Our focus has shifted since the 1980s. We are increasingly concerned about non-point sources of pollution aggravated by stormwater runoff from new developments or nitrate loading from failed septic systems. We are concerned about the capacity of aging sewage treatment facilities to handle increasing loads as the Hudson River's watershed towns grapple with growth. Thermal pollution and global warming are on the rise as energy use continues to climb. We are concerned about preserving the quality of drinking water which, for some communities, is drawn directly from the Hudson River.

Thanks to funding from the Dyson Foundation and help from the Support Center for Nonprofit Management our organization is taking action today while building a long term strategy. In addition, we are reinvesting in the historic sloop *Clearwater* through more than \$2 million in grants and donations in a multi-year restoration.

Clearwater works closely with its partners to overcome challenges...

- DEC's Hudson River Estuary Action Agenda is in final draft stage with clear objectives for improving the river's health. Public funding will be available to leverage a public-private partnership to accomplish the plan. Clearwater will be an active partner.
- An exciting partnership with the Rivers and Estuaries Center in Beacon is in the formative stages with

new opportunities on the horizon to expand Clearwater's educational programming all along the river.

- Clearwater's close working relationship with the Friends of the Kingston Waterfront and Scenic Hudson has led to strong citizen involvement and the presentation of alternative plans in response to a proposal for massive development on the Kingston waterfront. Not surprisingly, a more modest proposal makes sense.
- Riverkeeper, Scenic Hudson, and Clearwater remain steadfast and vigilant as EPA negotiates with GE. Meanwhile, GE is as irresponsible as ever as it drags its feet on doing the right thing by cleaning up the PCBs it put in the River, so much so that even their own shareholders are challenging the company. Is disregard of the public interest in the best interest of a company with annual revenues of \$152.9 billion and earnings of \$16.8 billion? GE has spent hundreds of millions of dollars over decades balking at a cleanup that could be done right for \$700 million in six years. The cost for the entire six year project would be less than 4% of one year of earnings.
- Recent news at Indian Point indicates there have been leaks of tritium into ground water around the plant. How long are we going to put up with a nuclear power plant in our midst?

Clearwater is building an empowered community for a clean and healthy River.

- Thanks to a grant from the Park Foundation, Clearwater is facilitating a collaboration of more than 200 organizations and agencies through the Hudson River Watershed Alliance.
- Clearwater is piloting a program to train and support a network of liaisons coached by Clearwater who will be active all along the River.

Clearwater is making steady progress toward a clean and healthy Hudson River. However, we know it isn't just about the River and its watershed. Clearwater brings people together and inspires hope. The heart of Clearwater comes through in the way we learn, take action, and celebrate together.

With warm regards for the Clearwater community,

Gregg Swanzey

BOARD MEETINGS – 2006

Sunday, March 19th – Staff & Board Retreat

Garrison Institute, Garrison
10:00 am – 3:00 pm

Saturday, May 13th – Board Meeting

Location TBA
10:00 am – 3:00 pm

Last call for board nominations and resumes for Navigator publication

Sunday, July 9th – Budget Planning

Clearwater Office, Fite House, Poughkeepsie
10:00 am – 3:00 pm

Sunday, October 1st – Annual Gathering

Location TBA
11:00 am – 3:00 pm

Celebrating Sustainability

Congressman Maurice Hinchey and environmental leader Joan Kaplan Davidson served as honorary co-chairs for a splendid event in September celebrating Andy Mele's five-plus years as Clearwater's Executive Director, and Clearwater's many milestones under his leadership. Former Clearwater Board member, musician John Hall hosted the afternoon and played a rousing set of river songs.

Andy's work to help Clearwater "walk the walk" of sustainable practices was the focus of the afternoon. Owners Allan and Julie Shope shared their magnificent Listening Rock Farm in Wassaic for the festivities. Allan is a professor of Green Architecture at Harvard, and the farm is a landmark of sustainability, using reclaimed woods and running operations on bio-fuels.

Staff member Myra Seka and volunteer Beth Partridge created decorations as gorgeous as the place - no one who was there will forget the banners that came to be called "Clearwater's Gates." The 6-foot Seekamp *Clearwater* model and a smaller version adorned the room - boldly going where the actual Clearwater couldn't!

More than 40 volunteers helped make the event a success, some working weeks in advance to ready necessities and obtain donations of flowers, food, beverages and Silent Auction items. Many have been Clearwater Festival volunteers for decades, some joined in for the first time. Volunteer coordinator non-pareil Susan Murphy directed

volunteer effort for the party. Super-volunteers Bill Chestnut and Pat Carl coordinated a kitchen crew to assemble an elegant spread of mostly local, seasonal and organic offerings donated by 15 chefs, restaurants, caterers, shops, gardeners, orchardists and cheesemakers.

Poughkeepsie Mayor Nancy Cozean, NYDEC Hudson River Estuary Program Director Fran Dunwell and Scenic Hudson President Ned Sullivan praised Andy's service to the Hudson Valley. Former Clearwater Captain Betsy Garthwaite, long time Clearwater supporters Maryellen Healy and Vinnie Cerniglia, and staff songstress (and Education Director) Linda Richards coordinated parodies to gently tweak Andy's foibles. Bob Dylan's *Blowin' in the Wind* will forever be confused with Andy's *Pedantic and Verbose*, as will Paul Simon's *The Boxer* with the new version, *The Director*.

Proceeds from the event will help support development of a new onboard teaching station on the sloop's use of bio-fuel and help create the Clearwater Festival's Green Living Expo where festivalgoers can learn to make their homes and businesses sustainable. If you missed the party, but wish to contribute to Clearwater's efforts to "walk the walk" on sustainability, please send a check to Clearwater, 112 Little Market St., Poughkeepsie, NY 12601 and note "For A Green Clearwater" on the memo line.

—Kitty McCullough, Development Director



Congressman Maurice Hinchey gives Andy Mele a pat on the back.

photo by Augusto Menezes

United States Postal Service
Statement of Ownership, Management, and Circulation

1. Publication Title: *The Navigator*

2. Issue Date: 1/06

3. Issue Frequency: Quarterly

4. Annual Subscription Price: \$6.00

5. Number of Copies (This year): 2,500

6. Annual Distribution: 6,000

7. Total Number of Copies (This year): 2,500

8. Paid and Unpaid Distribution Outside the United States:

9. Paid and Unpaid Distribution Within the United States:

10. Total Distribution (Sum of 8 and 9): 6,000

11. Copies not Distributed:

12. Total (Sum of 10 and 11): 6,000

13. Extent and Nature of Circulation:

14. Statement of Ownership:

15. Signature and Title of Editor, Publisher, Business Manager, or Owner:

16. Signature and Title of Owner:

17. Signature and Title of Editor, Publisher, Business Manager, or Owner:

18. Signature and Title of Owner:

19. Signature and Title of Editor, Publisher, Business Manager, or Owner:

20. Signature and Title of Owner:

21. Signature and Title of Editor, Publisher, Business Manager, or Owner:

22. Signature and Title of Owner:

23. Signature and Title of Editor, Publisher, Business Manager, or Owner:

24. Signature and Title of Owner:

25. Signature and Title of Editor, Publisher, Business Manager, or Owner:

26. Signature and Title of Owner:

27. Signature and Title of Editor, Publisher, Business Manager, or Owner:

28. Signature and Title of Owner:

29. Signature and Title of Editor, Publisher, Business Manager, or Owner:

30. Signature and Title of Owner:

31. Signature and Title of Editor, Publisher, Business Manager, or Owner:

32. Signature and Title of Owner:

33. Signature and Title of Editor, Publisher, Business Manager, or Owner:

34. Signature and Title of Owner:

35. Signature and Title of Editor, Publisher, Business Manager, or Owner:

36. Signature and Title of Owner:

37. Signature and Title of Editor, Publisher, Business Manager, or Owner:

38. Signature and Title of Owner:

39. Signature and Title of Editor, Publisher, Business Manager, or Owner:

40. Signature and Title of Owner:

41. Signature and Title of Editor, Publisher, Business Manager, or Owner:

42. Signature and Title of Owner:

43. Signature and Title of Editor, Publisher, Business Manager, or Owner:

44. Signature and Title of Owner:

45. Signature and Title of Editor, Publisher, Business Manager, or Owner:

46. Signature and Title of Owner:

47. Signature and Title of Editor, Publisher, Business Manager, or Owner:

48. Signature and Title of Owner:

49. Signature and Title of Editor, Publisher, Business Manager, or Owner:

50. Signature and Title of Owner:

51. Signature and Title of Editor, Publisher, Business Manager, or Owner:

52. Signature and Title of Owner:

53. Signature and Title of Editor, Publisher, Business Manager, or Owner:

54. Signature and Title of Owner:

55. Signature and Title of Editor, Publisher, Business Manager, or Owner:

56. Signature and Title of Owner:

57. Signature and Title of Editor, Publisher, Business Manager, or Owner:

58. Signature and Title of Owner:

59. Signature and Title of Editor, Publisher, Business Manager, or Owner:

60. Signature and Title of Owner:

61. Signature and Title of Editor, Publisher, Business Manager, or Owner:

62. Signature and Title of Owner:

63. Signature and Title of Editor, Publisher, Business Manager, or Owner:

64. Signature and Title of Owner:

65. Signature and Title of Editor, Publisher, Business Manager, or Owner:

66. Signature and Title of Owner:

67. Signature and Title of Editor, Publisher, Business Manager, or Owner:

68. Signature and Title of Owner:

69. Signature and Title of Editor, Publisher, Business Manager, or Owner:

70. Signature and Title of Owner:

71. Signature and Title of Editor, Publisher, Business Manager, or Owner:

72. Signature and Title of Owner:

73. Signature and Title of Editor, Publisher, Business Manager, or Owner:

74. Signature and Title of Owner:

75. Signature and Title of Editor, Publisher, Business Manager, or Owner:

76. Signature and Title of Owner:

77. Signature and Title of Editor, Publisher, Business Manager, or Owner:

78. Signature and Title of Owner:

79. Signature and Title of Editor, Publisher, Business Manager, or Owner:

80. Signature and Title of Owner:

81. Signature and Title of Editor, Publisher, Business Manager, or Owner:

82. Signature and Title of Owner:

83. Signature and Title of Editor, Publisher, Business Manager, or Owner:

84. Signature and Title of Owner:

85. Signature and Title of Editor, Publisher, Business Manager, or Owner:

86. Signature and Title of Owner:

87. Signature and Title of Editor, Publisher, Business Manager, or Owner:

88. Signature and Title of Owner:

89. Signature and Title of Editor, Publisher, Business Manager, or Owner:

90. Signature and Title of Owner:

91. Signature and Title of Editor, Publisher, Business Manager, or Owner:

92. Signature and Title of Owner:

93. Signature and Title of Editor, Publisher, Business Manager, or Owner:

94. Signature and Title of Owner:

95. Signature and Title of Editor, Publisher, Business Manager, or Owner:

96. Signature and Title of Owner:

97. Signature and Title of Editor, Publisher, Business Manager, or Owner:

98. Signature and Title of Owner:

99. Signature and Title of Editor, Publisher, Business Manager, or Owner:

100. Signature and Title of Owner:

VOL. XXXVII, NO. 1 LATE WINTER 2006

CLEARWATER NAVIGATOR (USPS 015-790) (ISSN 0747-2218) is published four times per year by Hudson River Sloop Clearwater, Inc., Poughkeepsie, NY. Phone: (845) 454-7673; e-mail: office@clearwater.org. Second class postage paid at Poughkeepsie. Hudson River Sloop Clearwater, Inc. is a non-profit membership organization whose members own and operate the 106-ft *Clearwater*, a full-scale replica of sloops that sailed the Hudson a century and more ago. POSTMASTER: Please send address changes to Hudson River Sloop Clearwater, 112 Little Market Street, Poughkeepsie, NY 12601.

Board President: Anne Osborn
Executive Director: Gregg Swanzey
Managing Editor: Linda Richards
Copy Editor/Proofreader: Kitty McCullough
Navigator Designer: Rebecca Zilinski

printed on recycled paper

HUDSON RIVER

The Big Picture

In all of upstate NY, including the Hudson Valley, despite real population growth of only 2.6%, the amount of "urbanized land" increased by 30% from 1982-1997 – and that's before the development boom of 2001-2005.

In many ways, the venerated Romantic era of Cole, Church, Irving, Emerson and Thoreau – the era that gave the Hudson its cultural identity – was merely a quaint speed bump on the highway of America's utilitarian history, paved with a self-serving and frankly magic-thinking philosophy of economics, for which we have finally found a name: market fundamentalism. It's the framework for development.

Market fundamentalism holds that any and all cash transactions are intrinsically good, and that all economic activity has embedded within it a vast and automatic social good. Market fundamentalism is held as closely as religious faith, and provides the theoretical justification for any excess you can imagine, whether pouring oil and chemicals into Ecuadorean rain forest rivers or imprisoning children in factories making designer shirts in China. Market forces, however distorted, are as powerful as a crusade, and any voice raised against them

is viewed as the gravest of heresy.

Market fundamentalism holds that the highest and best use of land is to put it into economic production. The problem, as many of us believe, is that the green shores of the Hudson are already doing their job, and doing it very well indeed.

How, then, do we craft a response to development?

The determining factors seem to be issues of scale and appropriateness. Scale refers to brute size; appropriateness to the relationship of the proposed project with its environmental context.

A recent and ongoing attempt to build several hundred high-end homes

on the flanks of the Shawangunk Ridge met with fierce resistance from all sides on the grounds of both scale and appropriateness. Most people seem to believe that the Gunks are one of the Valley's sacred places, and should remain so, despite the desires of a private property holder.

St. Lawrence Cement, a massive industrial complex proposed for the rolling farmlands near Hudson, was defeated by a coalition of groups from a broad cross-section of the region's cultural and environmental associations – at a cost that would bankrupt many individual groups.

And the residents of Kingston, where developers plan nearly 2,500 units – virtually a new cityscape – along the river north of Kingston Point, have been shocked to learn that residential development costs a community more than it brings in tax revenues.

Two projects along the Poughkeepsie waterfront present a contrast in community responses (see photo). The developers of the former DeLaval factory site, directly on



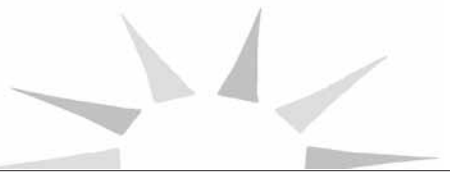
This project created a storm of controversy, while another one a hundred yards away flew under the radar. Inexperienced local government and inconsistent public responses are just part of a wider problem of land use guidance. [Photo by Andy Mele]

the waterfront, were opposed vehemently on a number of grounds, and made some modest changes to the project based on public comments. The developers of a property on the hill just across the railroad tracks from DeLaval, however, were unopposed and flew almost entirely under the radar, even though their project may well pose the greater visual impact on views from the river.

Most development, however, is small, and the region is suffering a death by a thousand cuts. The Hudson Valley urgently needs a consistent and strongly protective regional response to development. It needs a regional rapid-response team to consult with elected officials throughout the region, and a unified guidance document that offers local elected officials the benefit of access to best-practice regarding codes, legal options, green building methodologies, density and other zoning options, tax and infrastructure economics, and economically-sound alternatives to development.

–Andy Mele

Read Clearwater's comments on the 2,200 unit Kingston Waterfront proposal at <http://www.clearwater.org/action.html> and stay tuned to the Spring Navigator for an update on this and other waterfront development proposals.



Fishy Facts for 2005

Clearwater ended its season having caught 30 different species (out of 200+ found in the Hudson River) and a total of 1,925 individual fish and invertebrates! The highest number of fish for one species was 654 Hogchokers! The White Perch came in second, hot on the Hogchoker's caudal fin with 566 individuals passing through our hands. The most exciting catches included three striped bass in one haul (the largest measuring about 2 ½ ft. and the smallest 1 ½ ft.), over 200

Hogchokers in one haul, a 39 inch Striped Bass and two Shortnose Sturgeon in one haul!



—Tracey Toufali, Onboard Educator

New Vocabulary Prep Activities!

Clearwater's three learning platforms – the sloop *Clearwater*, the schooner *Mystic Whaler* and Esopus Meadows Environmental Center – are unfamiliar territory to the average student. While their terrestrial nature connects them somewhat to the Tideline Discovery Program, staying clear of the companionway and watching the teltales may confuse a child (and an adult!) to the point of distraction. The answer? Expose them to terms and concepts before they step into our water world!

Onboard educator Tracey Toufali, with the assistance of Clearwater's dazzling education team, developed a variety of boat and shore vocabulary words and activities to encourage students and teachers to become more aware of ecological and ship terminology. The activities range from matching exercises to crossword puzzles and dramatic interpretations and will enhance the overall education experience through familiarity and connectedness.

The new vocabulary activities are available online at www.clearwater.org under "Environmental Education" or as hard copies through a simple phone request to the education department.

—Linda Richards, Education Director

NYS Core Curriculum Alignment

Clearwater's website is expanding to accommodate teachers' increasing need to address core curriculum goals. In the past we have linked elements of all our onboard and onland programs to NYS Learning Standards. We will soon have the advantage of a web page that cites specific core curriculum goals or "major understandings" and "performance indicators" (NYS Core Curriculum Guide). The page is designed to link specific concepts to each grade level.

Our goal is to show that not only are Clearwater's programs beneficial, fun, and important to a child's environmental awareness, but also are a resource for understanding specific goals and concepts. For instance, in 3rd grade, students should be able to "order, sequence, and communicate the stages of a life cycle" (NYS Core Curriculum Guide). This is a compulsory component of our

plankton station. Making educators aware that we link these core concepts to our programs is quite important in a world where teachers are increasingly required to measure progress along specific benchmarks and assessments.

The link on our website will be labeled Scope and Sequence and will contain several concepts for each grade level from the NYS Core Curriculum Guides for Science and Social Studies.

—Eli Schloss, Tideline Discovery Program Director



Onboard Educator Tracey Toufali and 36" Atlantic Sturgeon caught near West Point. (photo by crew member)



Onboard Educator Jeannine Cahill and 32" Carp caught in Rennselaer. (photo by Joel Shultes)



Spring crew's Engineer Greg See and Clearwater's Onboard Educator Tracey Toufali with 39" Striped Bass caught near West Point. (photo by Arthur Goldberg)

CLEARWATER Festival

GREAT HUDSON RIVER REVIVAL



The Great Hudson River Revival
On the banks of the Hudson River
at Croton Point Park.

June 17 & 18
Father's Day Weekend

The Clearwater Festival Celebrates 40 Years!

Clearwater's Hudson River music and environmental festival 2006 marks its 40th year since Pete Seeger first held a small concert to raise funds to build the tall ship that would become a symbol of environmental advocacy. Since this humble beginning, that concert has grown into one of the country's largest annual environmental festivals. The Clearwater Festival attracts as many as 15,000 people of all ages to the shores of the Hudson River on a weekend in June.

Get ready for another great festival of the best in American roots music, dance and storytelling celebrating four decades of environmental education and activism.

- Green Living Expo – products for a sustainable life
- Sails on tall ships
- Five stages powered by sustainable energy: solar, soy-diesel, wind
- Children's interactive play area
- Fine art and folk craft market place

Get your festival tickets early!

Festival tickets with *advance discounts* for Clearwater members go on sale February 20th. Purchase your tickets online: www.clearwater.org or call the Clearwater office at 1-800-67SLOOP.

VENDOR AND VOLUNTEER APPLICATIONS AVAILABLE ONLINE

Volunteer and become part of the Festival community! Volunteering is a great way to experience the event from the inside and become part of a special community of 900 Revival volunteers who come together every year to help create the Clearwater Festival. **Three easy online steps:**

- 1 Go to www.clearwater.org and join Clearwater (individual rate \$40, low income rate \$20).
- 2 Click on *Volunteer For The Festival* to fill out your application online and pay the \$25 volunteer donation (to help defray food and other site costs).
- 3 Click to submit completed application to Clearwater.

Or call (845) 454-7673 and request an application.

BECOME A PATRON FISH! CALL: 1-800-67-SLOOP

Your sponsorship will help make Revival a success!

Sloop Love

March 1, 2005

Hudson River Sloop *Clearwater*,

Thirty years ago we met on *Clearwater*; we were both volunteer crew on the pumpkin sail from Greenpoint, Brooklyn to Albany and back.

We just celebrated our 30th anniversary together and wanted to thank Clearwater for bringing us together and for all the good things it's done over the years on behalf of the Hudson and our planet.

Keep sailing and raising hell,
Peter Guerrero and Cathy Lerza

WALKABOUT CLEARWATER CHORUS

Voices together for a cleaner, healthier, more peaceful environment

Walkabout Clearwater Sloop, Inc. is an officially chartered, not-for-profit sloop club dedicated to recruitment and fundraising for Clearwater, along with the promotion of environmental awareness and social action through song, education, and other activities. They're best known for their 7-foot model of the *Clearwater*, their people's chorus, and their October-May monthly Coffeehouse series. The Walkabout Clearwater Chorus is available for performance at festivals and events throughout the tri-state area (and beyond!)

UPCOMING COFFEEHOUSE EVENTS:

Memorial United Methodist Church, White Plains, NY (914) 242-0374
Concerts begin at 7:30 pm. Doors open at 6:45 pm. Open seating.
General admission \$17.50



- 2/11/06: Patty Larkin
3/11/06: Paul Rishell & Annie Raines
The WIYOS (double bill)
4/8/06: Gordon Bok
5/13/06: Emma's Revolution (Pat Humphries & Sandy O)
Magpie (double bill)

WWW.WALKABOUTCLEARWATER.ORG



Thank you for supporting America's Environmental Flagship!

Last year, more than 46% of Clearwater's budget was contributed by the following supporters. We are so grateful for your generosity, which is critical to the success of our programs and the stewardship of the wonderful sloop *Clearwater*.

Organizations

(\$5000 and up)

The Bay and Paul Foundations
The Durst Organization
The Dyson Foundation
Earth Share
The Gage Fund
Hudson River Foundation
The Max & Victoria Dreyfus Foundation, Inc.
New York Mercantile Exchange
Orchard Foundation
Park Foundation
SeaWorld/Busch Gardens/Fujifilm
The William & Jane Schloss Family Foundation

(\$1000-\$4999)

American Sugar Refining, Inc.
Beacon Sloop Club
Berry & Company Public Relations, LLC
Carnegie Corporation of New York
Christine and Mitchell Miller
Community Fund of Dutchess County
Domini Social Investments
Earth Share of New York
Garden Club of Orange and Dutchess Counties
George and Miriam Martin Foundation
Geraldine R. Dodge Foundation
Giuffrida Family Fund
Gleberman Foundation Trust
Gregory and Lillian Whitehead
IBM International Foundation
James A. Macdonald Foundation
JKW Foundation
The J. M. Kaplan Fund
John Jay Land Management Corporation
John Wiley and Sons, Inc.
Kagome, Inc.
The Knorr Charitable Foundation
Kurz Family Foundation
Lawson Valentine Foundation
Leiwant Charitable Fund

The Levitt Foundation
Lovinger Family Foundation
Mills Family Foundation
The Musser Fund
Nature's Gate
New York State Council on the Arts
New York State Public Service Commission
Norcross Wildlife Foundation, Inc.
Organic Valley
Philanthropic Collaborative
Pinkbell Fund
R & R Foundation
Ralph V. Ellis Insurance, Inc.
Robert and Nancy Stover Memorial Fund
Steven Chicoine & Babette Ceccotti Charitable Foundation
Stonyfield Farm, Inc.
Strachan and Vivian Donnelley Foundation
Sydney and Marjorie Krause Foundation
Think Organic
United States Environmental Protection Agency
Walkabout Clearwater Sloop, Inc.

Benefactors

(\$5000 and up)

Mary and Bill Lunt
Andre Mele
George W. Perkins, Jr.
Cindy C. Secunda
Ellyne Skove
Chase Welles

Sailing Masters

(\$1000-\$4999)

Anonymous
Scott and Tracey Berwick
Peter and Karyl Cafiero
Bruce Cobern
Dave Conklin
Ellen Flamm

Margery and Irwin Gaffin
Elizabeth Gilmore
Cyrus Hamlin
Maryellen Healy and Vincent Cerniglia
Mr. and Mrs. Charles Henderson
Robert Henshaw and Nancy Ross
Samuel G. Huber
Jack and Connie Hume
Andrea L. Johnson
Ned and Ferris Kelley
Peter R. Kellogg
Meg Kilgore
John and Susanne Manley
William Meier
Anne Todd Osborn and Frederick Osborn III
Marian Rose
Lisa R. Sarajian
Peter and Toshi Seeger
Lynn and Eric Sobel
Marjorie and Bernard Sunshine
Jean and Gerald Wexler
Sheila Kerrigan
Sligar Sattelbergar Family

Heartfelt thanks to the family and friends who gave in memory of:

Francis Bourne
Walter P. Bowers
Scott E. Butcher
Harvey Gawel
Angela Haines
Howard Hausman
Robert Joseph
Matthew Lacey
Dr. Richard Perzley
John Redmond
Barbara Steffens

We all join in extending a huge thank you to our 4,807 generous donors who gave between \$1 and \$999 in 2005. Together, these gifts totaled over \$326,029.20!

Yes, I want to help Clearwater in its efforts to reclaim and protect the Hudson River.

- | | |
|---|--|
| <input type="checkbox"/> \$5,000 Benefactor | <input type="checkbox"/> \$100 Contributor |
| <input type="checkbox"/> \$1,000 Sailing Master | <input type="checkbox"/> \$55 Family |
| <input type="checkbox"/> \$500 Mariner | <input type="checkbox"/> \$40 Individual |
| <input type="checkbox"/> \$200 Sponsor | <input type="checkbox"/> \$20 Limited Income |

Member Information

Name _____

Street _____

City _____ State _____ Zip _____

Daytime Phone _____

Email _____

Payment

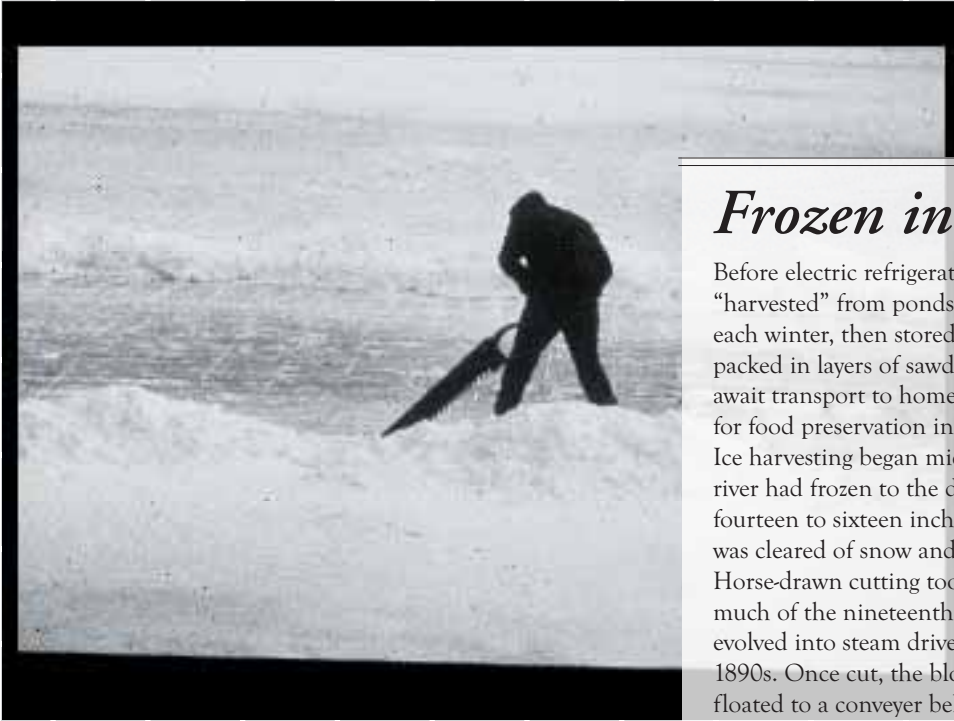
Check payable to Clearwater Check Number _____

Credit Card (circle): MC Visa Disc Amex

CC# _____ Exp Date _____

Signature _____

All membership contributions are tax-deductible.



Frozen in Time

Before electric refrigeration, ice was “harvested” from ponds, lakes, and rivers each winter, then stored in icehouses packed in layers of sawdust or straw to await transport to homes and businesses for food preservation in the warm months. Ice harvesting began mid-winter once the river had frozen to the desired thickness of fourteen to sixteen inches. Then the surface was cleared of snow and the ice was cut. Horse-drawn cutting tools were used for much of the nineteenth century, then evolved into steam driven cutters by the 1890s. Once cut, the blocks of ice were floated to a conveyer belt and loaded into insulated icehouses for storage until they were ready to be shipped. Icehouses became common sights along the banks of the Hudson River. Characteristically painted bright white to deflect solar heat, some were larger than a football field. During the one hundred years that the ice industry prospered in the region, the number of icehouses along the river numbered in the hundreds. Besides the major New York City market, ice was sold to domestic rail companies and internationally through southern US ports to places as far away as India. With the invention of modern refrigeration, the ice industry met its demise. By World War I, once ubiquitous Hudson River icehouses were nearly all destroyed or abandoned.

