

WATERSHED

A Newsletter of the Wood-Pawcatuck Watershed Association

Volume 23 No. 2

SPRING 2006

Fish passage through Shannock Village focus of summer study

First public meeting May 11 at Carolina Fire Station

Wood-Pawcatuck Watershed Association has been awarded a total of \$75,000 to study the potential for restoring fish passage along the Pawcatuck River through Shannock Village. The grant funds include \$50,000 from the RI Coastal Resources Management Council for habitat restoration projects, and a \$25,000 award from the NOAA - American Rivers Community Based Restoration Program.

The purpose of the funding is to conduct a feasibility study of fish passage at the lower Shannock Falls, as well as the upper Horseshoe Falls, both located in the historic village of Shannock, in the towns of Richmond and Charlestown, Rhode Island. The dams are on the main stem of the Pawcatuck River, where they currently bar access to upstream spawning and nursery habitat.

The study is intended to assess the potential of restoring access to historic upstream spawning and rearing habitat for species includ-

ing American shad, river herring, sea-run brown trout and American eel -- important fishery resources that once flourished in the Pawcatuck River watershed, but now are declining regionally due to habitat loss and degradation, over-fishing, and other factors.



Lower Shannock Falls during low water conditions.

According to executive director Lori Urso, WPWA applied for funding in partnership with the Town of Richmond, and with the support of the Town of Charlestown. "We are grateful for the assistance provided by members of the Richmond Conservation Commission in preparing this application, and look forward to working with all of our project partners on exploring the potential for restoring fish passage to the Pawcatuck River system." In addition to the towns and funding agencies, partners in the study include the National Oceanic and Atmospheric Association (NOAA), US Fish and Wildlife Service, Narragansett Bay Estuaries Program, abutting property owners, and local village resi-

dents. WPWA has approached the historic preservation offices of the State of Rhode Island and the Narragansett Indian Tribe to consult on cultural and historic resources at the sites.

Lynn Tondat Ruggeri, Chair of the Richmond Conservation Commission, calls the project "an important regional conservation effort, and the necessary first step to restoring the local spawning and rearing habitats for these fish species, that historically have been part of our local ecology."

To conduct the study, WPWA will hire a qualified consultant to evaluate ecological, cultural, and other issues associated with fish passage alternatives at the site, including structural fishway, natural fishway, dam removal, no action, or other alternatives at the dams. The intent of the Feasibility Study is to assist WPWA, Partners, stakeholders, and community in selecting a preferred fish passage alternative at each of the dams.

WPWA will host the first of three public meetings on May 11th to discuss the study and solicit community feedback. For information call WPWA or visit www.wpwa.org.

From the Executive Director

Thank You to our generous members and donors

Our spring issue presents a list of the many good folks who have paid membership dues and made donations of cash and services to the Wood-Pawcatuck Watershed Association.

To all of you I offer my sincere thanks for these gifts and what they represent to the organization and its staff.

We are certainly proud of the work we have done here over the past year, and our growth in terms of capacity to do research and other things. This is largely due to the support of our members, who provide financial resources of their own, and who demonstrate to the larger funding agencies that there truly is grassroots support for WPWA's work.

Since 1983, WPWA has built a membership network of individuals, families, businesses, municipalities, and agencies throughout the watershed, and even beyond the state borders of RI and CT. All have pitched-in staff and resources to help steward the Wood-Pawcatuck watershed in some way.

This year we are working on a more sophisticated way to manage member data using the iMIS database, as part of the Infrastructure Collaborative project I described last newsletter.

In doing a list, we sometimes make errors and inadvertently delete or omit a donor's name, or misspell a name. If this happens to you please accept our apologies and allow us to correct it. Let us know by email or phone. We do appreciate your continued support.



WPWA Memberships 2005 – 2006

Patrons (\$500)

David & Gerry Cunningham
Liepold Tool & Die Co.
Peter & Ann Rothschild
Harold R. Ward

Sponsors (\$250)

Bradford Dyeing Association
Pamela Crandall
Mal & Marilyn Grant
Kenyon Industries
Lathrop Insurance
The Moore Company
Mr. Thomas F. Moore
Kenneth Payne & Helen Drew
Burt Strom

Supporters (\$100)

John & Grania Ackley
Brian & Sally Allen
Joellen Anderson
Paul & Marylou Arakelian
Elaine Caldarone & William Keith
Mike & Susan Cerullo
John Colozzi
Ted & Mariette Dionne
Ellen Dodge
Mary Gordon & Arthur Cash
Robert Gormley, SCAT Fdn.
Myrna George
Bruce & Susan Guarino
Carl Hagenstein
Elwood & Cynthia Johnson
Joseph & Katherine Kirby
Peter & Marnie Lacouture
Jon Lallo
Gaytha Langlois
Kurt & Mary Lenzen
Fred & Barbara Leonard
William Meyer
Arthur & Martha Milot
Ruth Foster Morgan
Mount Tom Land Trust, Inc.
Henry & Susan Muller
Brian & Barbara Murphy
Ocean Pharmacy
Dr. & Mrs. Ralph O'Connell
Eric Orava
Robert & Gail Ornstein
Palmer Farm
Wayne & Mary Pescatello
Martin & Barbara Pierce
Bradford J. Preston
Douglas Randall, Randall Realtors
Tom & Helen Rowe-Drake
David Salomon & Allison Crump
Betty and Mitch Salomon
David A. Serra, VMD.

Jeffrey & Mary Shepherd
Thurman & Doris Silks
So. County Tourism Council
Stonington Conservation Comm.
Rick Urban
United Builders Supply
Howard and Michelle Walker
Bill and Peggy Warner
George Werrbach III
Ed and Linda Wood
Charles C. Wright

Contributors (\$50)

Bill & Chris Anderson
John Barney
Gail Bonner
Alan Buck, Technical Maintenance
Harvey Buford
Boone Lake Improvement Assoc.
Raymond Cherenzia
Robert Conrad, MD
Rebecca Corbett
Ernest and Jean Dion
Helen Drew & Ken Payne
Donald Forsyth
Donald & Jane Gest
Peter Gill
Paula & Frank Glista
Linda and Howland Green
Robert B. Hertling, Jr.
Mimi Johnson & John Karlsson
Deborah & Richard Latham
Thomas Lloyd
Patrick Manzi
Denis McAuliffe
John & Karin McCormick
Susan C. Moffett
Sanford Neuschatz
Charles Novitz &
Eve Krzyzanowski
Maurice Orlando
Alfred "Gus" Pagel
John & David Parker
Sandra M. Poirier
Mary Popiolek
Stewart Pucci
Mac & Beth Richardson
Bruce & Nancy Rollins
Thomas P. Sculco, MD
Henry & Peggy Sharpe
Gerald Sheperis
Janice & John Sieburth
Robert Swanson
James Tackach
Thomas Twyman
Joseph and Evelyn Ungaro
Lori Urso & Marty Richards
Westerly Savings Bank
Dr. Philo Willetts
Wincheck Pond Property Assoc.
Jake & Linda Wise
(cont'd next page)

WPWA Memberships 2005-06 (cont'd)

Family (\$40)

Richard & Marcie Albro
Rocco & Sally Andreozzi
Manfred & Dan Armbruster
Arthur & Julia Armstrong
Carol & Edward Baker
All Ball
Tim Barney
Ted & Jo-Ann Bates
Dr. & Mrs. Alexander Bearn
Chris Beck & Carolyn Ellis
Joseph Berardy
A. Curtis & Linda J. Bergaren
Michael & Rebecca Blatt
Eileen & Robert Bohler
Michael & Laura Bottaro
Frederick Bouldrey
James & Mary Boyer
James & Elizabeth Boylan
Julia Bradford
& Charles Warner
Efrem Bromberg
& Nancy Graham
Carole & David Brown
Marylou & Don Brown
Bob & Charlene Butler
Lawson & Gloria Cary
Richard Casten
Sarah Celone
Joseph & Joan Ceo
Marty & George Champlin, Jr.
Kin Fu Chan
Teres & Sheldon Charles
Alan & Deirdre Church
James & Bernice Clancy
Joyce & William Clark III
Leila Connolly
Mary Anne & Maury Connors
Peter & Karin Conopask
Sarah Conyngham
Charlotte & Arthur Cottrell III
David & Cassandra Crandall
Ann Crawford & Bill Bishop
David & Gerry Cunningham
Alan & Charlene Desbonnet
Judith & Karl Doerner
John & Constance Donahue
Tim & Brenda Drury
William Ehlert
& Lauryne Coleman
Dr. & Mrs. A. John Elliot
Adele & Robert Erisman
Clayton R. Eva
Cliff & Canna Falby
Michael & Cynthia Farrell
Carol & Ed Fazio
Shannon Ferraro

Robert A. & Janice H. Fifer
Dennis & Marylou Fritz
Warren Fitzpatrick
& Chris Kelly
Andrea Gardiner
Paul & Christa Gardner
Bruce Gillard
& Cheryl Hollingworth
Dr. R. Bruce Gillie
Peter & Dawn Glinkoff
Roger & Linda Greenall
Jean & Stephen Grillo
Ron Harwood & Gail Fisher
Alexis, David & Renee Heitman
Peter Heywood & Nancy Jacobs
George & Frances Hinteregger
Thomas J. Hodgkinson
William & Annie Holland
Gerard & Margaret Houle
Kerv & Irene Hyland
Pat, Richard, Evan, CC
& Lily Isted
Allison & Phil Jennings
Harmon & Nancy Kelley
Richard L. Kenyon
Meg Kerr & Bob Vanderslice
Pierre Koussa
Randal C. Lamb
Deborah LaRosa
James Lauro & Family
William Leherissier
Thomas & Lynne Malone
Susan Masket & Marty Stilling
Claude & Lisa Masse
Bill & Kathy McKendree
Carol & Stephen McTaggart
David & Elizabeth McNab
Scott & Susan Millar
Bill & Maureen Mitchell
Merrill & Margaret Moone
Barbara Nichols
Thomas & Ruth O'Brien
John A. Palumbo
John R. Payne, Jr.
Harvey & Sarah Perry
Mike & Pam Perry
Jan & Anna Prager
Douglas and Eugenia Rayner
Ben & MaryLou Richmond
Tim & Marie Robertson
Noel Rowe & Abigail Barber
Saul & Jennifer Sails
Deborah Salomon
& Donald D'Avanzo
Judith Salomon & Jerry Weiss
Sandra Saunders
& Fred Griffith
Robert & Betty Schiedler
Carl & Shirley Schwaab
Susan Shaw & John Buscaglia
Gail Shea & Thomas Haggerty

Catherine Silks
& Jose delValle
Maryjane Spooner
& Tom Butler
Thomas St. Clair
Erika Steele & Peter Migliaccio
Michael & Bonnie Stewart
Leslie & Margaret Stone
Michael & Debbie Strawderman
Kristine & Everett Stuart
Andrew & Jennifer Tainsh
Eric & Catherine Taylor
Michael J. Taylor
Richard Torrey
Charles & Bette Toscano
Patricia & Richard Traynor
The Turano Family
Mike Urgo
George & Anne Utter
John & Elizabeth Varas
Anne Veeger
Michael & Ruth Waldman
David I. Wallis
Donna & Henry Walsh
Robert Ward
Bill & Peggy Warner
John & Doree Webster
Jane & Bob Whyte
Gary & Jean Williams
Ann & Walter Wojciechowski
William & Heidi Wright

Individual (\$25)

William Aldrich
Maria Aliberti
Priscilla Allen
Tilo R. Angiolilli
Kristy Armstrong
Peter W. Arnold
William F. Arnold
Karen J. Asher
Peter August
Clare Bailey
Alan Banister
Sandi Barber
Philip Barney
Kim Beam
Louis Belanger
Richard Bergeron
Ed Blamires
Sam Bliven
Bob Bolton
Michael Bontecou
George & Janice Boss
John Bouchard
Philip Bourque
David Brown
Erika Boyd
David Brown
Thomas Brown
Peter Brownell
Thomas Bryson
Don Buchanan
Alan W. Buck

Philip Budlong
Claire Card
Eugene Charrette
Barbara Chaves
Anna Coit
James A. Cole
Betty Connors
Marie (Mimi) Corey
Gloria Courtois
Mrs. Philip B. Cowles
Carol Craig
Wayland Currie
Joseph Czerwinski
Paul Dauk
Barbara Davis
Marc Davis
Joseph De Angelis
Alan C. DeBeaulieu
Deb Dembo
Liz Diaz
J. Michael Divney
Nathaniel P. Dodge
Jeannine Dougherty
James & Anna Downs
Sharon Dragon
John Drew
Judy Dobbrow
Rev. Dr. David Eaton
Don Elliott
Rosann B. Evans
Virginia F. Farquhar
Paul Follett
Fred Furlong
Jordan Galetti, Jr.
Thomas Ginnerty
Thomas Ginty Jr.
Karen Girouard
Thomas Godbout
Paul Goscinski
Lisa Gould
Neil Gouvin
Earl P. Grant
Tom Green
Karen Greene
Christopher Hawver
Larry Hayden
James H. Heim
Todd Hellewell
Mabel S. Hempstead
Nancy Hess
Elly Heyder
Richard C. Holliday
Kevin Horrigan
Michael Hoxsie
Tony Imbriglio
Peter Innis
Lawrence Jacobson
Alan Jaffa
James Jager
(cont'd next page)

WPWA Memberships

2005-06 (*cont'd*)

Barry Jensen
 Howard Johnson
 Ed Kane
 Judy Keller
 Joseph R. Kenyon
 Frederick S. Kenney
 Brother Kevin Kiernan
 James Knapp
 Diana Kushner
 David Kuylen
 Robert C. Lawrence
 John C. Levanti, Esq.
 Dorothy L. Lewis
 Agatha Littlefield
 Dennis M. Loudon
 John Lowe III
 Paul D. Lynch
 William F. MacLean
 Suzanne MacLear
 Doug & Joan MacPherson
 Michelle Madden
 Jennifer Maini
 Joanne Malise
 Eileen Malsick
 Paola Mangiacapra
 Angelo Mangili
 Nancy & Thomas Mann
 Barry & Michelle Marland
 Paul Martin
 Ronald Mayer
 Donald McGovern
 Joan McGrath
 Robert McRoberts
 Mike Merner
 William D. Metz
 Peter Meyer
 John & Emily Miller
 Steven Miller
 Jeanette C. Misuraca
 Wayne Mollohan
 Richard W. Nagle
 Anne Nalwalk
 Patty & Ray Norcia
 Noel Nutini
 James O'Brien
 Brian O'Connor
 Deirdre O'Connor
 Candace Oviatt
 Phillip Owen
 Donald Packer
 Mary Padbury
 Richard A. Paliotte
 Robert E. Palme
 Sara Panciera
 Marlies Parent
 James Patton, Jr.
 Ralph Perri
 Robert Perry Jr.
 Paul Pezza

Robert Pietrusza
 Nancy Potter
 David Pugh
 Christopher A. Quinn
 Richard Quinn
 Douglas Rhodes
 Sylvia Rice
 Mal Rochford
 Robert Rohm
 Jim Rubovitz
 Roy Rushford
 Christy Russell
 Stanley Rybka
 George J. Sadue
 Francis Sargent, Jr.
 George F. Scheck
 Chris Schuh
 Cathy Sharkey
 Chris Sheldon
 Daniel Shults
 Dr. Richard Slimak
 Elizabeth Smith
 Henry Snow
 Louis P. Sposato
 Charlie Squillante
 Sara Stelzner
 St. Leo's Boy Scout Troop 18
 Edward P. Storti
 Duane Taylor
 Lyn Thomas
 Pat & Bob Thompson
 Robert Thompson
 Barbara B. Tobin
 John Topping
 Arthur Viens
 Fred Vocatura
 Elizabeth Walsh
 Nancy R. Weissmuller
 Gary Whitney
 Robert Williams
 Peter Winne
 Richard Wood
 Helen Wood
 Robert Woods
 Virginia Wootten

Life Members

Daniel Farrell
 Robert Goodwin
 Barton C. Hurley
 Peter Lisle
 James Mancini, M.D.
 Robert Mancini
 Brian & Kathy McCuin
 Hatsy Moore
 C.D. Putnam, Jr.
 John and Lois Quinn
 Henry Sharp III
 & Julia Randall
 Susan & Carl Rosen
 Raymond Schwab
 Susan & Geoffrey Sewell

Joseph Zegarzewski

Annual Appeal & Individual Gifts 2005-06

Leadership Giving (\$1000 and above)

Richard & Ardis Holliday
 URE Outfitters

Major Donor (\$500 to \$999)

Ashaway Line & Twine
 David & Gerry Cunningham
 Eric Bibler & Chris Morrow
 Harold R. Ward

1983 Founders' Society (\$250 to \$499)

Philip E. Brencher
 Roger & Linda Greenall
 Michael Jordon
 Bob & Betty Schiedler

Trustees' Circle (\$100 to \$249)

Anonymous
 Manfred Armbruster
 Raymond Cherenzia
 Joanne d'Alcomo
 Ted & Mariette Dionne
 Joel Dirlam
 Richard M. Flynn
 Donald W. Forsyth
 John F. Hall, Jr.
 Dante G. & Angela B. Ionata
 Butch Jencks, Haul-Away Inc.
 Peter & Margaret Lacouture
 John H. Lathrop
 Bill & Kathy McKendree
 Mary Padbury
 Kenneth Payne & Helen Drew
 Stewart T. Pucci
 Lorraine & Doug Randall
 Bruce & Debbie Rogers
 Saul B. Saila
 Betty & Mitch Salomon
 David Salomon & Allison Crump
 Stonington Garden Club
 Thurman & Doris Silks
 Paul F. Singer
 Rick Urban
 Lori Urso
 Gabriel Warren & Ana Flores

Watershed Club (\$50 to \$99)

Anonymous
 Peter & Sandy Arnold
 Al Ball
 Alan Banister
 Fredericka Bettinger
 Gail Bonner

Alan J. Buck
 Philip Budlong
 Roberta M. Burkhardt
 Dr. John & Annette Coleman
 Dr. Robert L. Conrad
 Steve Crandall
 Ann Crawford & Bill Bishop
 Dr. & Mrs. A. John Elliot
 R. Bruce Gillie
 Francis & Susan Golet
 Neil Gouvin
 Ms. Mabel S. Hempstead
 Dr. Charles F. Hickox
 Frances & Georg Hinteregger
 Robert Hoffman
 John H. Howland
 Ronalee Johannsen
 Jon D. Lallo
 Rob & Peggy Leeson
 William & Doreen LeHerissier
 John C. Levanti, Esq.
 Ms. Agatha Littlefield
 Joseph D. Lombardo
 Dennis M. Loudon
 John & Rogean Makowski
 Joseph & Teresa Mellor
 Denis McAuliffe
 Susan C. Moffett
 Dr. & Mrs. Ralph O'Connell
 Gus Pagel
 John Parker
 Ms. Sandra Poirier
 Anna F. Prager
 John & Janice Sieburth
 Catherine Silks & Jose del Valle
 Dr. Richard Slimak
 Eric & Cathy Taylor
 Wescon Corp. of CT
 William Blunt White
 Jake and Linda Wise

Stream of Friends (Up to \$49)

Anonymous
 Michael Annarummo
 William F. Arnold
 Karen J. Asher
 Sam Bliven, A&B Oil, Inc.
 Roland A. Boisclair
 Arthur Cash & Mary Gordon
 Dr. & Mrs. Joseph Ceo
 Mr. & Mrs. James T. Clancy
 Arthur & Charlotte Cottrell
 Gloria Courtois
 Mrs. Philip B. Cowles, Jr.
 Wayland Currie
 Joe Czerwinski
 Barbara Hale Davis
 Alan C. Debeaulieu
 Martin Deede
 Charlene & Alan Desbonnet
 (*cont'd page 6*)

Stream Continuity Project identifies culvert barriers

Denise J. Poyer

In response to recommendations from a 2005 small dam study (see *Small Dams and Habitat Quality in Low Order Steams*, Sailsa et. al. 2005), WPWA partnered with Trout Unlimited Narragansett Chapter (TU), Natural Resource Conservation Service (NRCS), and the RI Resource Conservation and Development Area Council (RC&D) to conduct a Stream Continuity Project in the Wood River watershed area.

This careful evaluation of culverts that cross watershed streams in RI is modeled after a similar project conducted in Massachusetts. There a group of state agencies, academic institutions and environmental organizations developed protocols to evaluate and inventory culvert impacts to streams. Standards for river-friendly bridge and culvert designs were also developed.

Streams in their natural state are long, linear ecosystems that are very important for fish and wildlife movement. Low order streams are especially vulnerable to fragmentation from both natural and man-made obstacles. The most familiar human-caused barriers are dams. However, road crossings using culverts can also be disruptive.

Older culverts can have a great deal of erosion around them. This often diverts water from the stream so that the flow is drastically reduced, especially during dry periods. Erosion can also

cause the streambed to drop below the culvert, so that there is a gap between the bottom of the culvert and the stream bed. Even a gap of only a few inches can present a barrier to brook trout trying to migrate upstream. Another common problem is the blocking of culverts by sediment or debris.



TU volunteers measure culverts on Wood

Using Geographic Information Systems mapping, NRCS printed maps identifying 147 stream and road crossings for the watershed. RC&D trained volunteers, most from TU, to use the Road-Stream

Crossing Inventory field data forms. Armed with maps, measuring tapes, and digital cameras, the volunteers set out to find and evaluate every crossing.

Finding the sites at times proved challenging. According to Lawson Cary, who supervised the volunteers, 3 or 4 different maps were used. The maps were not always accurate with regard to street names, small streams, and culvert locations. To date, the project team has identified 150 road-stream crossings, with only two known sites remaining.

Project data will be stored in a database at the University of Massachusetts. While all the information has not been reviewed, Cary estimates that less than 10% of the sites have serious problems. Another 15% have moderate problems. Most of the problem culverts are older ones constructed of smooth round pipes. Some disruptions can be easily corrected by removing debris and sediment, or adding stones to raise the stream bed. Others will require improved culvert design. None of

the bridges pose any disruption to fish passage. However, some bridges require a method of passage for terrestrial wildlife.

Once the data analysis is complete, recommendations for site remediation will be documented and prioritized. Remediation projects could begin as early as summer of 2006. Others could take several years to prepare.

A proactive use of the database may be employed during planning for future road and culvert repairs. With proper design and installation, new culverts need not present barriers to wildlife and fish movements.

Lower Shannock Portage affected by demolition

ATTENTION PADDLERS: If you are paddling the Pawcatuck River through lower Shannock this summer, be prepared for a tricky exit above Lower Shannock Dam on the Richmond side of the river.

Access to the take-out on the right bank of the Pawcatuck River, just above the Lower Shannock Dam on Railroad Avenue, is being affected by the demolition of the former Knowles Mill building at the site.

During demolition, and for nine months after while an environmental assessment is conducted, temporary fencing will remain in place around the entire site. This will require paddlers to take their boats out into the bushes on the bank, which could make portage of some boats very difficult.

For the 2006 season, it is advisable for paddlers to avoid the section of the Pawcatuck River from Horseshoe Falls to Lower Shannock Dam. Call or email WPWA for alternate river routes.

Mastuxet Brook habitat assessment to begin in June

The Westerly Land Trust (WLT) Mastuxet Brook Greenway project is about to receive four properties, partly as the consequence of two cluster developments underway. The combined acreage will be approximately forty acres. Another ninety acres along the Brook are already protected by two landowners and the Town of Westerly.

WLT, which has been told that brook trout live in the stream, asked WPWA for advice on stewardship of the resource. WPWA will investigate fish assemblages in the stream this summer. Information on species in the stream will tell us what might be done to protect the streams and the fish.

One of the most important aspects to protecting a trout stream is to retain as much of a buffer with native vegetation as possible. Wetland regulations require 100-200 feet on both sides, depending on the width of the stream. Also, drainage from retention ponds should be directed away from a trout stream to allow groundwater infiltration instead.

Representatives of WLT and WPWA walked the site in March, and discussed the following tasks:

1. Determine habitat suitability through temperature study. Cold water is one of the most critical components for brook trout. WPWA will deploy four temperature loggers at strategic sites in the brook between June and September. The loggers will record date, hour, and temperature every hour for 3 months, providing a good profile of the temperature regime of the stream.

2. Establish that there are brook

trout in the stream. Sample two or three sections of the stream that are likely to support brook trout, using a backpack shocker to collect fish, followed by identification and release.

3. If it is determined that brook trout are present, then a comprehensive survey of the stream should be done to note any obstructions to fish passage and possible remediation actions. NRCS and US Fish and Wildlife Service are examples of agencies that support such projects.

Appeal & Gifts 05-06 (cont'd)

Nathaniel P. Dodge
 Dawn Dove
 Sharon Dragon
 A. E. Frost
 Mr. Philip A. Gauvin
 Dawn & Peter Glankoff
 Robert A. Heberg
 Peter S. Innis
 James A. Jager
 James Kelley
 Brother Kevin J. Kiernan
 M. J. Malina
 James & Frances Mancini
 Paul Martin
 Ms. Elizabeth McClung
 Joan McGrath
 Dave & Elizabeth McNab
 William D. Metz
 Mr. Richard I. Millar
 Steven E. Miller
 David & Jill Moretti
 James L. O'Brien
 Candace A. Oviatt
 Donald J. Packer
 Ralph Perri
 Gladys J. Ponichtera
 Nancy Potter
 James Quinn
 Donald & Rose Robadue
 Christy G. Russell
 Elizabeth Scott & Patrick Quinn
 Geoff & Susan Sewall
 Chris Sheldon
 Charles S. Soloveitzik
 Peter & Virginia Stack
 Steven E. Stillson
 Mary Anne Sumner

John Topping
 Rob Woods

INDIVIDUAL GIFTS

\$ 100 to \$ 250

Stonington Conservation Comm.
 Douglas & Eugenia Rayner

\$ 50 to \$ 100

Manfred & Dan Armbruster
 Elaine Caldarone & William Keith
 James H. Heim
 Merrill & Margaret Moore
 Saul & Jennifer Saila
 Sandra Saunders & Fred Griffith
 Charles C. Wright

\$ 25 to \$ 50

George & Janice Boss
(In memory of Leroy Bitgood)
 Alan & Mary Dawley Buck
(In memory of Leroy Bitgood)
 Jim & Tesa Downs
(In memory of Leroy Bitgood)
 Karen A. Greene
(In memory of Leroy Bitgood)
 John C. Levanti, Esq.
 Thomas & Nancy Mann
 Susan Shaw & John Buscaglia
 Nancy R. Weissmuller

Up to \$ 25

Louis Belanger
 Marty & George Champlin Jr.
 Paul Dauk
 Barbara Davis
 Joseph DeAngelis
 Nathaniel P. Dodge
 Clayton R. Eva
 Canna & Cliff Falby
 Shannon Ferraro
 Bruce Gillard & Cheryl Hollingworth
 Thomas J. Hodgkinson
 Joseph Kenyon
 Richard L. Kenyon
 Pierre Koussa
 Dorothy L. Lewis
(In memory of Leroy Bitgood)
 Dennis Loudon
 William F. MacLean
 Doug & Joan MacPherson
 Jennifer Maini
 Paola Mangiacapra
 John & Emily Miller
 Jeannette Misuraca
 Noel Nutini
 Marianne & Jack Sumner
 Duane B. Taylor
 Heidi & William Wright

WPWA CANOE AND HIKING GUIDES

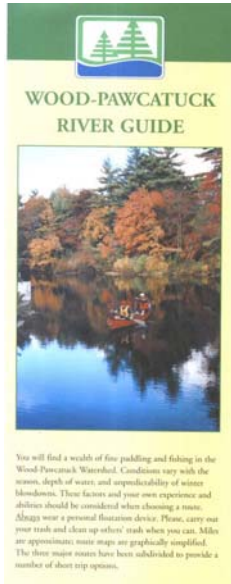
Order Form

Wood-Pawcatuck River Guide (2nd edition)

By Charlie Hickox and Elly Heyder

\$3.50 members (\$4.50 non-members)

Navigate the Wood and Pawcatuck Rivers from source to sea with this colorful folded map.

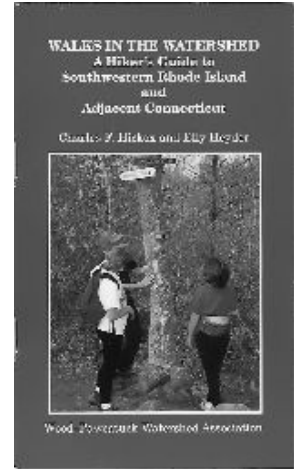


Walks in the Watershed

By Charlie Hickox and Elly Heyder

\$3.50 members (\$4.50 non-members)

Sixteen of the watershed's best loop hikes contained in a handy pocket-sized guide



Quantity:

_____ *Wood-Pawcatuck River Routes Map*

_____ *Walks in the Watershed*

_____ *Pawcatuck Watershed Report (free)*

Add \$1.50 postage and handling per item.

Name _____

Address _____

Mail form and payment to:
WPWA
203 Arcadia Road
Hope Valley, RI 02832

Mitch & Betty Salomon Fund

- Brightman Hill Charitable Trust \$ 15,000
- Community Foundation of SECT 2,000
- Helen Drew
- Selma Moss-Ward
- Linda & Ed Wood
- Louise S.K. Fair
- A. Bliss Hoffman
- Nod Meyer
- Linda Green
- Ardis Holliday
- Carolyn Moulthrop
- Lori Urso
- Peter & Marnie Lacouture
- Charles Novitz & Eve Krzyzanowski
- Helen Behrens
- George W. & Anne Lacouture Penniman
- Elizabeth Freeman
- Catherine King & Thomas Keefe
- Joyce & Jerry Fingerut
- Michelle Walker
- Susan Masket & Marty Stilling
- Ana Flores & Gabriel Warren
- Susan K. Vandervliet
- Paul Blakeslee
- Don Chace

Government Grants

RI Rivers Council \$ 5,000

RI General Assembly	\$ 5,000
Town of Richmond	800
Town of Charlestown	600
Town of Stonington	1000
Town of Hopkinton	600

Foundation Grants

Forrest & Frances Lattner Fdtn.	\$ 50,000
Brightman Hill Charitable Fdtn.	15,000
Horace & S. Ella Kimball Fdtn.	10,000
Trout Unlimited E-A-S	9,650
The Nature Conservancy	3,000
Miriam C. Horton Trust	2,000
John Wald Science Grants	3,000
Mitch & Betty Salomon Fund	701

In-Kind Services & Gifts

- To wn of Hopkinton - Prop. tax exemptions
- Cherenzia Engineering - Surveying & design
- Koch Eye Associates - Volunteer staff
- EZ Waste Systems - Earth day trash bin
- Coffee, products, & supplies—
- Tim Hortons of Richmond,
- Wyoming and Ashaway
- Mills Creek Natural Market
- The Fantastic Umbrella Factory
- Joe and Vera Lavin
- Stop & Shop of Richmond

Harvey Perry to receive Salomon Award on May 25

Westerly Land Trust president Harvey Perry is this year's recipient of the Salomon Award, presented in recognition of exemplary efforts to preserve, protect & conserve the resources of the Wood-Pawcatuck Watershed. It will be presented at our Annual Meeting on May 25 at Pinehurst Golf Club in Carolina, 6:00 P.M.. Look for a flyer in the mail coming soon.

We have also recently learned that Harvey will receive the Westerly Chamber of Commerce "Citizen of the Year" award—congratulations on this well-deserved recognition! It is good to see that Harvey's efforts to preserve the river corridor in Westerly have not gone unnoticed.

Best wishes to Harvey Perry on his selection for both honors.

Application for Membership

Name _____

Street _____

City _____ State _____ Zip _____

Phone _____ Email _____

- Individual \$25
- Family \$40
- Contributor \$50
- Corporate \$100
- Supporter \$100
- Sponsor \$250
- Patron \$500
- Benefactor \$1000

In addition to my dues, I am enclosing an additional contribution of \$ _____

Your contribution is tax deductible within the limits of the law.

Board of Trustees

Harold Ward (Woodville), President
 Robert Scheidler (Charlestown), 1st V.P.
 Anna F. Prager (Kingston), 2nd V.P.
 Richard C. Holliday (Westerly), Treas.
 Nancy Hess (Richmond)
 Dante Ionata (No. Providence)
 Gaytha Langlois (South Kingstown)
 Saul Saila (Richmond)
 Malcolm Grant (Hope Valley)
 Tom Boving (Richmond)

WPWA Staff

Lori Urso, Executive Director
 Denise J. Poyer, Program Director
 Danielle Aube, Program Asst.

WPWA Headquarters

203 Arcadia Road, Hope Valley
 at Barberville Dam
 401-539-9017
 Email: info@wpwa.org
 Website: www.wpwa.org



Wood-Pawcatuck Watershed Association



The main office at WPWA's Wood River campus.

Opinions expressed in *Watershed* are not necessarily those of WPWA, its Board of Trustees, or staff.

Bulk Rate
 US Postage
 PAID
 Non Profit
 Permit No. 9
 Hope Valley
 RI

Wood-Pawcatuck Watershed Association
 203-B Arcadia Road
 Hope Valley, RI 02832