

VOICE OF THE RIVER

Fall Newsletter 2023

Henry's Fork 101: Trout,
Bugs, and Sediment

pg. 3

2023 Fishing Conditions
and River Health

pg. 5

Interns in the Field

pg. 6

THE VOICE OF THE RIVER
SINCE 1984

HENRY'S FORK
FOUNDATION

Board of Directors

Chair

Elena Gates Motlow
San Francisco, CA

Eric Baughman
Salt Lake City, UT

Vice Chair

Jack Coyle
Estero, FL

Robert Curtis
Idaho Falls, ID

Ralph Hamm
Littleton, CO

Finance Chair

Jesse Lowe
San Diego, CA

Jonathan Heames
West Yellowstone, MT

Andy Jenkins
Chester, ID

Secretary

Ron Miller
Swan Valley, ID

Bill Klyn
Jackson, WY

Governance Chair

Bruce Raskin
Palo Alto, CA

James K Pohl, MD
Austin, TX

Philip Sawyer
San Francisco, CA

Development Chair

Cliff Nowell
Englewood, FL

Allison Smoot
Heber City, UT

Executive Committee

At-Large
Shauna Williams, MD
Eagle, ID

Shane Wooten
Shelley, ID

Staff Members

Brandon Hoffner
Executive Director

Devan Ence
Membership and
Annual Fund Manager

Brady Taylor
Conservation Fund
Director

Kamberlee Allison
Outreach and Events
Manager

Rob Van Kirk
Science Program
Director

Daniel Wilcox
Farms and Fish
Program Manager

Jamie Powell
Communications and
Outreach Director

Amber Roseberry
Conservation
Technician

Julie Maurer
Membership and
Systems Coordinator

Christina Morrisett
Water Resources
Consultant

Matt Hively
Aquatic Resource
Coordinator

Jack McLaren
Aquatic Ecology
Program Manager

Darcy Janssen
Finance and Office
Administrator

Jasper Davis
Outreach and
Communications
Coordinator

Melissa Muradian
Water Quality Data
Consultant

Kathy Anderson
Campus Front Office
Coordinator

Paige Cahoon
Graphic Design and
Marketing Coordinator

Sarah Newcomb
Doctoral Research
Associate

Shawn Holwegner
Technical Coordinator

Dave Weskamp
South Fork Initiative
Restoration Manager

Get to Know Our Staff

Amber Roseberry, Conservation Technician

Amber joined the HFF team as the Don C. Byers Memorial Intern in 2019. Now, as HFF's Conservation Technician, she is out on the river weekly (and year-round) working on HFF's water quality monitoring network of sondes, taking water samples, measuring streamflow, maintaining HFF's livestock fencing, monitoring the Buffalo fish ladder, and deploying and monitoring equipment.





Photo credit: Brian O'Keefe

Henry's Fork 101: Trout, Bugs and Sediment Below Island Park Reservoir

What makes more fish from Island Park Dam to Riverside?

Below Island Park Dam, there is ample habitat and food for trout in spring and summer. However, decades of research have shown there is only so much winter habitat available. This means trout have to play a game of musical chairs. Whether you start with 100,000 or 300,000 newly hatched trout, winter flow sets the number of chairs, and determines how many trout will survive the winter.

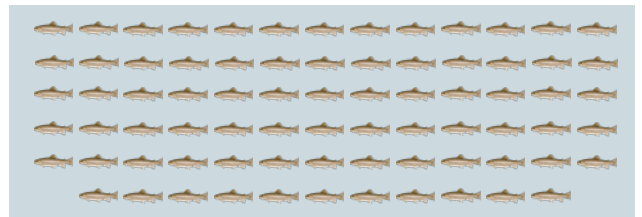
What Can We Do?

Make more chairs!
Conserving water, keeping more in Island Park Reservoir, increases our chances of higher winter flow, and more trout!

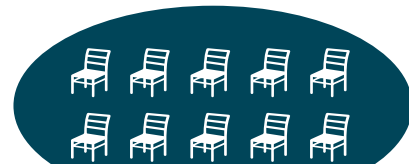


Musical Chairs

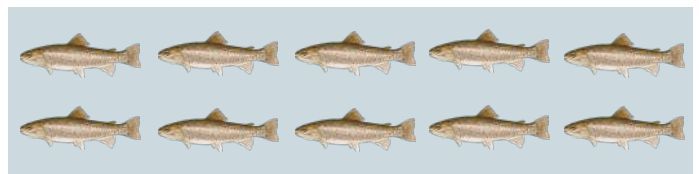
Number of newly hatched trout



Available winter habitat ("chairs")



Number of surviving young trout



~ continued from page 3

The Ranch's Insect Balancing Act

On the Harriman State Park, or “Ranch” reach, sediment is actually at the heart of a balancing act between more productivity (more insects total) and more favorable species composition (% of the population that is mayflies, caddisflies, and stoneflies).

More mayflies, stoneflies, and caddisflies with:

- Less fine sediment
- Lower summer flows from Island Park Reservoir
- Lower turbidity (sediment) —> less nutrients, lower productivity
- Better bug species composition, but lower abundance

**More Insects or
More Drakes?**


Check out a short, 5-minute
video to see how!

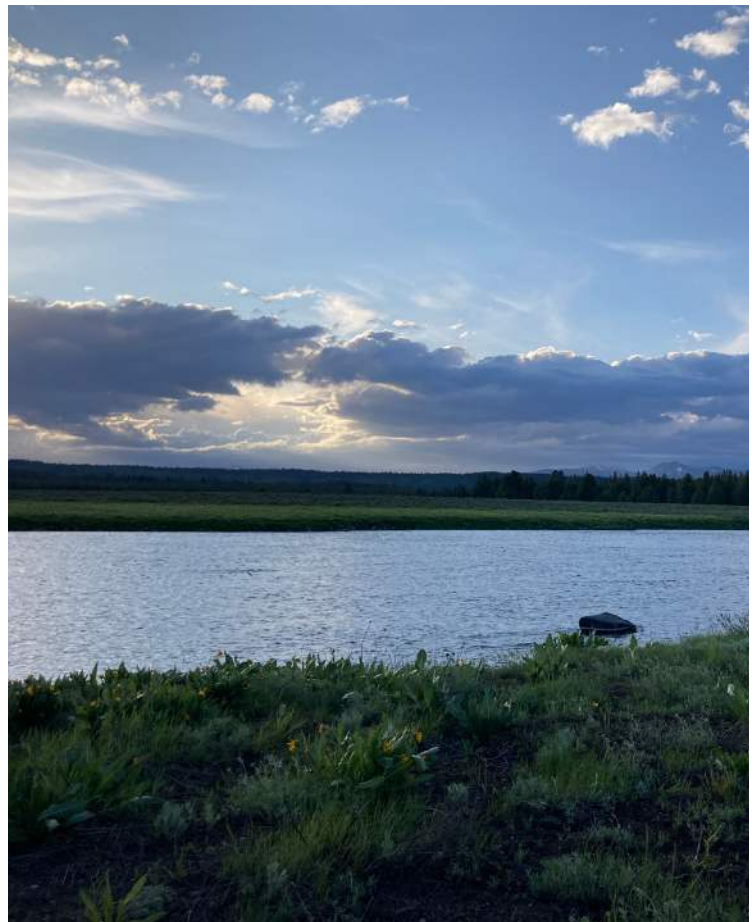
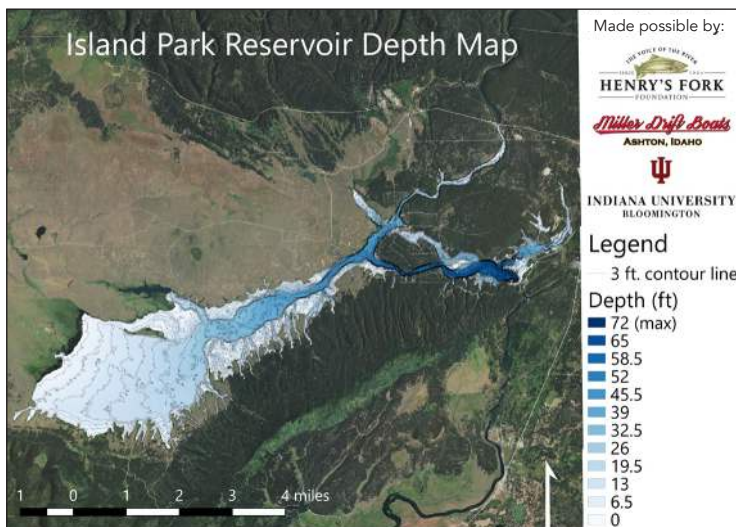


Higher total aquatic insect populations with:

- More fine sediment
- Higher summer flows from Island Park Reservoir
- Higher turbidity (sediment) —> more nutrients, plants, and productivity
- Less of our favorite bugs, but higher abundance

Where does sediment come from in Island Park Reservoir?

Data are now teaching us that sediment is not just building up due to an “aging reservoir”. Changing climatic conditions (new weather patterns of increased variability and extremes) seem to be allowing for sediment to be moved over from the shallow west end of the reservoir via “density currents”. The west end sits in a valley made of sediment, eroded off of the Centennial Mountains over geologic time. Learn more at henrysfork.org under “Sediment & Turbidity”. 



Fishing Conditions and River Health in 2023



On a river as storied as the Henry's Fork, the river's health and quality of fishing conditions are understandably top of mind for anglers. We know the Henry's Fork faces challenges. Even the strong snow year we had last winter couldn't counteract nearly three years of severe drought. That said, the Henry's Fork remains impressively resilient among rivers in the west. The summer has brought great water quality, consistently better than last year, and anglers have reported good fishing. A cold, wet start to the summer brought fishing conditions more similar to the 1980s and 90s. While hatch and fishing timing didn't line up with the previous five years or so, maybe that's a good thing. This spring and early summer gave us a peek at what things used to be like before this most recent run of drought and warming conditions.

As seen even in recent drought years, there are aspects of the



fishing day HFF can impact for the good. A planned spring freshet cleared 320 tons of sediment out of the Island Park to Pinehaven reach and will benefit insect communities next year. Precision water management, working with partners, irrigators, and water managers by sharing data and models, has saved record amounts of water, avoiding some of the highest ranges of irrigation season flows, saving water in Island Park Reservoir, increasing trout populations over what would be expected, reducing turbidity (sediment that comes out of the reservoir), and ensuring cooler water in reservoir outflow for longer. All of these actions improve the health of the fishery, the fishing experience, or both.

Overall, we are incredibly lucky to have a river as resilient and varied as the Henry's Fork, as well as the capacity, knowledge, and support to meaningfully adapt to changing conditions and drought. 🐟

Intern's Summer Projects

To read more about their work, visit henrysfork.org/blog and click "Intern".



Michael Hensley
University of Wisconsin-Madison

Harriman Water Temperature Project

Mike installed and monitored 17 temperature sensors in the Harriman State Park reach to get a better sense of temperature differences within the Ranch.



Taya Brewer
University of Montana Western

Don C. Byers Memorial Intern

Taya helped run HFF's new summer outreach program, Morning Bites, maintained livestock fencing, and assisted staff in planning events.



Sophie Pedzich
Colgate University

Communications and Outreach Intern

Sophie helped to create an educational cart for the Interpretive Center and assisted with outreach events like the Watershed Festival and Youth on the Fly.



Tanner Harron
Washington & Lee University

River Use Surveys Intern

Tanner conducted the river use assessment, which ran from Memorial to Labor Day, counting river users at Box Canyon, Stone Bridge, and Big Springs.



Eva Jones
Stanford University

Hydrology Intern

Eva worked with Graduate Associate, Sarah Newcomb, to assess and analyze watershed patterns to predict streamflow response.



Marlia Richer
St. Lawrence University

Field Work Intern

Marlia helped maintain HFF's water quality monitoring network of sondes, collected turbidity, water quality, and streamflow data, and participated in river cleanups.

MAKE A WILL MONTH

DO YOU HAVE A WILL?

Is it up-to-date? If you were to die today, would your property go to the people and charities for whom you want to provide and in the manner you would like to provide?

Do you have peace of mind that your plans are in order?

Despite the importance of having a will (or trust), many Americans never get around to drafting one. For those who do have a will, it was drawn up many years ago and hasn't been looked at since. Now may be the right time to review or create your will during National Make a Will Month.



Benefits of a Will and Well-Constructed Estate Plan

A will and well-thought-out estate plan will...

- Afford you the opportunity to create a final legacy and testimony to share your core values and beliefs with your family and friends
- Provide an appropriate inheritance that meets the needs of family, individuals and charities important to you
- Ensure the transfer of your estate with the fewest delays
- Avoid unnecessary costs, estate taxes, taxes on retirement plans and other expenses
- Minimize interpersonal conflicts and maximize a positive impact on family and others
- Direct the selection of a guardian for your heirs who are minors
- Give you peace of mind



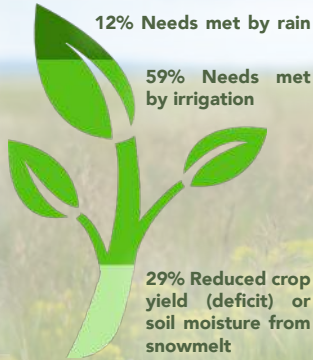
Henry's Fork Foundation
801 Main Street, Ashton, ID 83420

Gordon L. Nelson, CPA, CFP®, *Planned Giving Specialist*
legacy@henrysfork.org | 435-213-9986 | www.HFFLegacy.org

Did You Know?

Why are fields watered while it's raining?


- Only 12% of crop water needs are met by rain
- Both rain and irrigation water are stored in the soil and can be used days later
- Drought Management Planning Committee streamflow targets end up ensuring there is enough water in the river for fish habitat during irrigation season, no matter how much is being diverted (taken out)



Harriman “Ranch” Water Temperature Project



Earlier this summer, anglers helped select 17 locations in the Ranch to monitor for changes in water temperature, and data is now available. First, the Pinehaven location is essentially the warmest mainstem location in the Ranch, but many other locations are much cooler (e.g., Last Chance and the upper Ranch are 3-8 degrees cooler).

Second, data shows that groundwater inputs provide areas of cool refuge for fish. Fish choose locations that balance growth potential (greater when temperature is close to 68 degrees), food availability, dissolved oxygen needs, thermal stress, and security (cover). In many cases growth potential, food availability, and cover may outweigh the short-term metabolic costs of a few hours per day of water temperatures that exceed 68 degrees. 



FAQs: The South Fork Initiative

Doesn't the South Fork Initiative take away from the Henry's Fork?

If HFF's resources are like a pie, starting work on the South Fork must take a piece out of that pie, right? In this case, the South Fork Initiative was launched and is funded entirely by South Fork-only donors and grant sources, ensuring that all Henry's Fork funds and effort stayed (and even grew) on the Henry's Fork.

Current work on the South Fork includes:

- Grant funding to install temperature monitors in Third Creek
- Post-restoration measurements of Third Creek with Westminster College
- Rotary drum fish screen on Rainey Creek with Trout Unlimited
- Planting native trees along the banks of Rainey Creek with Trout Unlimited and local citizens
- Educational kiosk for Rainey Creek 🐟



Henry's Fork Days XXXIX

Thank you for making Henry's Fork Days XXXIX one to remember! Each year, Henry's Fork Days raises critical funds that make our work possible.

With over 30 projects on the Henry's Fork, we are improving fishing conditions, decreasing turbidity and water temperatures, and improving trout populations all thanks to your support. 🐟



Photo credit: Brian O'Keefe



Contributions: April 1, 2022 - June 30, 2023

\$10,000+

Kelly Barlow
Jackson Hole One Fly Foundation
Steven and Brenda Lowe
Jon Riche
Tom and Doris Squeri

\$5,000+

Ricardo J. Alfaro, II
Eric and Cynthia Baughman
Tom and Shelley Botts
Flat Rock Club
Bill and Debby Hackett
Scott Henson
Matt Knickrehm
Thomas Mcrae, Jr.
Tom and Beth McRae
Ron and Mary Miller
Ron Mittelstaedt
Eric and Natalie Pauly
Bernie Spriggs
Stephen G. and Susan E. Denkers
Family Foundation
Jason Tolliver
Jacob Turnbull
Peter Turnbull and Zoe Grusky
Brandon and Jill Warburton
Willard L. Eccles Charitable
Foundation

\$2,500+

American Endowment
Foundation
Big Sky Anglers, LLC
Thomas and Joan Brown
Phil and Cynthia Cohen
Daniel and Amanda Conner
Toby and Leslie Cotton
Vini Cousins
Jack and Diana Coyle
Branch and Helen Craige
Friends of the Teton River
John and JoAnne Gaynor
Sallie Griffith
Jon and Karyn Hodge
Rich Humphrey
Will and Lillias Johnston
Lee and Phyllis King
Martin and Connie McLellan
Jerry Nielsen
Andrew Nowell
Cliff Nowell and Laura Anderson
Donald and Cathy Parker
Dr. Jim and Bonnie Pohl
Bill Rabon and Suzanne Landis
Bob and Susan Rosenberg
Ken and Mei-Ling Shiroishi
Patrick Shooltz
Steve and Renata Shore
Douglas and Lauri Siddoway

George and Leanne Sidney
Steven Simper
Allison Smoot
Shaun Sparkman
Chuck Sundry and Gloria Beattie
Rick and Shauna Williams
Matt and Debbie Woodard
Randy and D'Andrea Worrall

\$1,000+

John Banaugh
Reed and Susan Bender
Richard and Jill Bergquist
Sandra Birk
Kerry Buckheimer
Vincent Burke and
Corito Tolentino
Lyman and Carol Casey
Tony Cate and Erin Armstrong
William and Melissa Connelly
Allan Craig
Tom Curlin
Michael and Natalie Daines
Joe and Deborah DeSousa
David Dexter
Robert Ferlic
Joe Francis
John Garrett
David Grainger
Dick Greene and Barbara Klesel
Ralph and Meggan Hamm III
Tom and Jenifer Hansen
Brett and Suzy Hayes
Gregory and Martha Hein
Richard and Lynne Hodge
Tod and Ann Holmes
Mark Horowitz
Jack Thomas Financial
Earl and Jamie James
Gail Knight
Pierre Lemieux
David and Sally Long
Maher Family Charitable Fund
Tim and Alma Mansell
Hank Mckinnel
Peter McWeeny and
Linday Sowa
Rev. Peter and Wanda
Michaelson
Melissa Millican
Chris Moore
Stephen and Andrea Moss
Geoff Motlow and Elena Gates
Motlow
Mark and Mindy Odom
Robert Page
Renzetti
Tim Reynolds and Patty Isaef
Chris Richmond
Paul and Martha Schmidt

John and Leslie Soderquist
Larry and Dawn Stancil
Marcus and Amber McConnell
Dan and Jill Thompson
Gary and Susan Thurmond
Les and Jeanie Thurmond
Chris Vance
Lana Varney
David Voros
Andrew Zehrung

\$500+

Suann Adams
Ed and Teri Ahrens
Steven Banks
Al Blacklock
Barbara and Peter Bundy
Jim Carter and Jane Harrison
Jason Cheever
Ralph and Vera Conner
Bill Crabtree
Michael Deshazo
Henry and Flory Ellis
Mark and Jennifer Elzey
Andrew Galbraith
Patrick Gibbons
Ben H. Godfrey, M.D.
Dennis and Dannye Hanrahan
Ric and Janet Harnsberger
Brent Harris
Scott and Mimi Hayes
Jonathan Heames
Braden Hepner
C. Frederick and Karen Hollon
William B. Hurst
E. Frederick Hyde
Frank Johnson
Gred and Donna Jolly
Ryan Keller
Megdy Khoury
Ellen T. Kirch
Steve Lafflam
Jesse and Whitney Lowe
Scott Marboe
Robert Murdoch
Misty Nielsen
Chris and Judith Oakley
Nate and Shellie Oakley
John Okada
Tom and Kathy Old
Neal and Nancy Oldemeyer
Matt and Pamela Olson
Bruce Oshita
Jeff Pennecard
Perk Perkins and Laurie Andrews
Charley and Cynthia Pettigrew
Clay and Laura Pickard
Jerry and Cheri Poole
Don Pratten
Bill and Sue Ruppel

Ron Salazar
Tom and Becky Schell
Craig Scholnick and Rachel Otto
Charles and Judy Shepard
Nathan Stansfield
Roselyne C. Swig
Rob Toth
Upper Snake River Fly Fishers
Gerald and Diane Vidergar
Western Division American
Fisheries Soc.
Robert Wiebel
Bert Williams
Mark Yasuda

\$250+

Eric and Camie Adema
Jeffrey Anderson
Shannon Ansley
Tom Appleton
Stanley Backlund
Stacy Bennett
Tom and Patty Bithell
Kell Bodholt
Christine Brakel
Mike Brennan
Tom Brewer
Leonard Busby
Jim Busch
Tony Cerdan
Mark Chandler
Dan Coyne
Edward Craighill
Tim and Gina Crowley
Maji and Bradley Daines
Jim and Dana Dawson
Marty and Janet Downey
Julia Ellstade
Don Ercanbrack
Ronald and Laura Forsberg
Jimmy & Milli Gabettas
Greg and Kelly Golub
Mark Gurney
John and Kelsie Gwin
Eric and Corinne Hensley
Richard Hightower
Ed and Cindy Hikida
Jim and Margie Hill
Sterling Jensen
Scott Johnson
Darren Josephson
Amelie and Dan Kappes
Terry Keller
Kevin and Michele Moriarty
Karl Klein
Bill Klyn
Sue Lang
Mark Lanzl
Tim Lawson and Janet Baer
Duane D. Marler

Peter Martin
 Kelly McBryde
 Teresa McClendon
 Robert McQuade
 Duncan and Angie Moore
 Jason Munns
 Sarah Null
 John E. Oakason
 Richard Ono and Anne Wagner
 David Penrod
 Scott Petersen
 Bradley Peterson
 Kent and Carolyn Peterson
 Gene and Susan Quinn
 Bruce Raskin and Kathleen Boone
 Ted Rice
 Terrance and Heidi Scott
 Mark and Shauna Shaltry
 Terre and James Short
 Stephen and Rebecca Siddoway
 Gardner and Jeanette Skinner
 Jason Smith
 Jonathan and Jodi Stiehl
 Ed and Elizabeth Strickland
 Sumner and Carol Swaner
 Michael and Lenette Telles
 Thrivent
 Rob and Sheryl VanKirk
 Parmer and Mary Van Fleet
 Leilani Way
 Brad White
 Bob Wilske
 Jared Winkler
 Richard Wojahn

In Kind

511 Main
 Advanced Composites, Inc.
 Gary Aka
 All Valley Anglers
 Bonnie Altshuld
 Ameripack
 Andres Fly Fishing
 Anglers Fly Shop
 Bobbie Armor and James C. Poulton
 Artisans for Hope
 Alison Bailey
 Balieto Vineyards
 Barbacoa
 Brian and Gwen Benedict
 Donovan Best
 Big Sky Anglers
 Blixt and Co.
 Dave Brackett
 Jim and Glenda Bradley
 Brookings Anglers
 Brookings Fly Shop
 Philip Jay and Wesley Ann Brown
 Jan Brunvand
 Jay and Quinn Bueter
 Robert Bugden
 S.F. (Kerry) Burkheimer
 Jared Cady

Nicholas Calabro
 Campfire Lodge
 Jim Carter
 Cathy Munson Studio
 Chandlers Steakhouse
 Chocolate Lab Expeditions
 Vicki Conner
 Costco
 Marc Crapo
 Gina Dalton
 Chris Daniel
 Dave Brown Outfitters
 Jack Davis
 Mike Denkers
 Ray and Heidi Destefano
 Diamond D. Ranch
 Carroll and Ruth Dolson
 Robert and Kelli Dotson
 Doug and Lauri Siddoway
 Douglas Outdoors
 Janet and Marty Downey
 Dr. Slick
 Dragontail Tenkara
 DRAGONtail Tenkara
 Nichole Dye
 El Rinco'n
 Barry Endo
 Fish Partner Angling Tours
 Fishing Bear Lodge
 Fishpond
 Flat Rock Club
 Fox Briar Paper
 Frostop Drive-In
 Jimmy Gabettas
 Mike and Minet Gatt
 Golden Stone Inn
 Duane Grant
 Bill Hackett
 Dave Hall
 Kate Hall
 Kim Hall
 Jane Harrison
 Hatch Outdoors
 Mimi and Scott Hayes
 HeadHunters Fly Shop
 Jonathan Heames
 Henry's Fork Anglers
 Henry's Fork Lodge
 David Hilton
 Jonathan Hodge
 Gregg Hofland
 Joe R. Howry
 Hungry Trout Fly Shop
 Bill Hurst
 Steve and Susan Hyde
 Idaho2Fly
 Idaho Angler
 Indian River Anglers
 Ishiyama, Nelson
 Bob Jacklin
 Earl James
 JBT Floral
 JD Flies

Andy Jenkins
 Jimmy's All Seasons Angler
 Jackie Jolley
 Marshall Jones
 Amelie Kappes
 Kendra Scott Jewelry
 Larry and Susan Kenney
 Kerry Burkheimer Fly Rod
 Company
 Korkers
 Cal Kosberg
 Fanny Krieger
 Dick Landerman
 Bruce and Pam Leavitt
 Let's Roam
 Dexter Levandoski
 Sharon Livingston
 Mitchell & Marina Lowe
 Matt and Amanda Lucas
 April Mao
 Miles Marquez
 Marsh Dawn
 Peter Martin
 John Mauldin
 Beth and Tom McRae
 Ron Miller
 Sam Miller
 Erik Moncada LLC
 Moonlit Fly Fishing
 Cathy Munson
 Tano Niccolo
 Byron and Connie Nielsen
 Jerry Nielsen
 North Fork Native Plants
 NorthWest School of FlyFishing
 Cliff Nowell
 Orvis
 Bruce Oshita
 Outcast
 Pierce Overholt
 Rob and Pam Pannier
 Patagonia
 Greg Pearson
 TJ Powell
 Rapid River Rentals
 Bruce Raskin
 Rep Your Water
 Rio
 Rising
 Robert Dotson Photography
 Jack and Janet Roberts
 Jeff and Amy Roberts
 Karlie Roland
 Ron and Vanessa Sorensen
 Sage
 Matt and John Sanford
 Steve and Ann Schmidt
 Colton Schofield
 Scientific Anglers
 Terrance Scott
 Will Scott
 Seija Surr and Pam Davis
 Shoppe on Main

Siddoway Sheep Co.
 Simms
 Connor Simper
 Skwala
 Sleepy J Cabins
 Snake River RoadHouse
 Dr. Slick
 Slide Inn
 Smitty
 Snake River Net Co
 Snowden Vineyards
 Sportsmans Finest
 Cassie Spurling
 Stio
 Stone Meadow Ranch
 Stronks & Sons
 Mike Swick
 Target
 Pete Taylor
 Laura Tewes
 The Fishing Bear Lodge
 The Fly Rod Company
 The Links at Overlake
 The Lodge at Palisades Creek Inc.
 Three Rivers Ranch
 Tito's Vodka
 Heidi Titus
 Jason Tolliver
 Trader Joes
 Tyler Treece
 TroutHunter
 Troutmap, LLC
 Umpqua
 Neal Ward
 Water Time Outfitters
 Waterworks-Lamson
 Preston Wedel
 Dave WesKamp
 Pete Williams
 Rick and Shauna Williams
 Willie's Distillery
 Willow Creek
 Winston Rod Company
 Kuna Woods
 Mickey Wooten
 WorldCast Anglers
 James Wypijewski
 Yellow Sally
 Val Zupsan



PO Box 550
Ashton, ID 83420

www.henrysfork.org

WANT TO CELEBRATE THE RIVER WITH US?

Visit henrysfork.org/events-and-raffles or call
208.652.3567 for more information on our events!

801 Main Street
PO Box 550
Ashton, Idaho 83420
208.652.3567
hff@henrysfork.org

Connect with us online . . .



henrysfork.org



[instagram.com/henrysforkfoundation](https://www.instagram.com/henrysforkfoundation)



[youtube.com/@HFfoundation](https://www.youtube.com/@HFfoundation)



[facebook.com/henrysfork](https://www.facebook.com/henrysfork)