



The Tippet

January, 2020

Clearwater Fly Casters

www.clearwaterflycasters.com

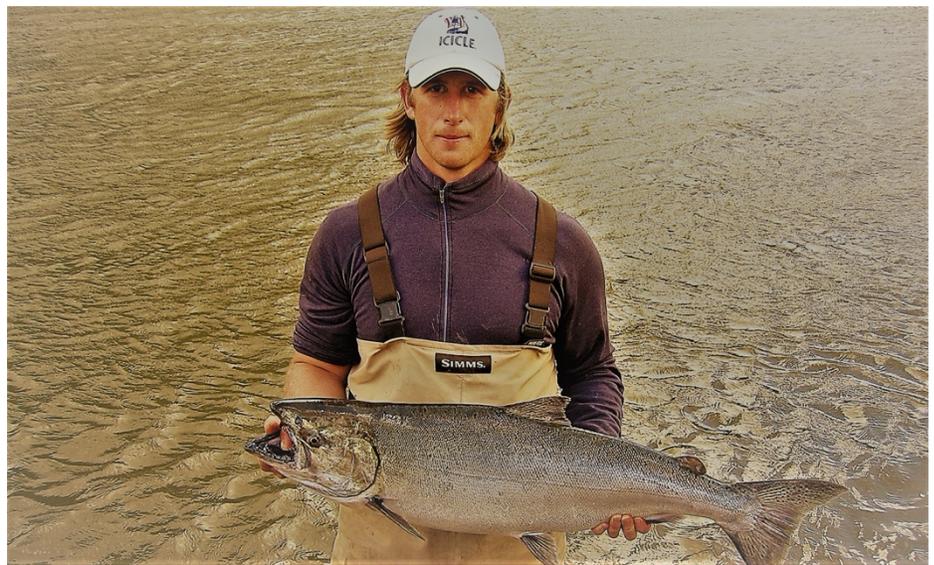
A Federation of Fly Fishers Club



January Program:

John Jorgensen PhD Student at Washington State University will present “Quantitative Food Web Analysis to Detangle Restoration Effectiveness in Co-limited Habitats”

John grew up fishing in the state of Washington and at a young age became aware of declining salmon and steelhead runs. As John got older he became increasingly concerned about the future of these runs, and about the larger ecological effects attributed to these run reductions. After getting an undergraduate degree in fisheries biology, John worked on numerous projects throughout the Columbia River Basin to recover endangered salmon and steelhead, utilizing a range of restoration prescriptions (stream channel/habitat restoration, hatchery supplementation, and reintroduction efforts), all with the hope of recovering imperiled runs. John developed a research project, which he is working in as part of his PhD, utilizing a large base of scientific literature and his personal background of in-stream experience to better understand how current natal riverine environments might limit production of salmonids.



Abstract: Quantifying carrying capacity in lotic ecosystems is central to identifying limiting factors and prioritizing restoration actions for native anadromous salmonid populations. Geomorphic and habitat-based monitoring metrics, models, and assessments are available to evaluate ongoing physical limitations in stream reaches. However, these approaches have inherently limited ability to resolve ongoing uncertainties of biologically mediated limitation, such as food preference, food availability and competition with non-native species. Further, biological assessment tools that use static metrics (abundance, biomass and diversity) cannot directly measure energetic limitations (food availability and trophic routing), and therefore remain inadequate for quantitatively defining biotic limitations, contributing to carrying capacity. Thus, alternative monitoring protocols and subsequent analytical procedures are needed to capture food web processes that directly affect energetic routing.

To understand the effectiveness of habitat restoration treatments designed to increase carrying capacity in co-limited streams, I measured food web responses within a spring creek (Hancock Springs) over multiple years in the Upper Columbia River Basin (WA). I used trophic basis of production and bioenergetic methods to identify and quantify co-limited drivers.

Here I present and discuss: 1) a quantitative food web approach and its associated advantages and disadvantages in the context of stream restoration, 2) initial project results using estimates of energy routing to evaluate habitat restoration and potential impacts of non-native fish, and 3) a new quantitative analysis tool (R Functions) and its application in a broader management context.

Presidents' Message (Karen Zacharisen)

I want to thank everyone for a great year! When I was asked to do the President's position, I was a little unsure if I was qualified enough being a new member myself at the time. I am so glad I did, because I learned so much more about what Clearwater Fly Casters was about. The passions of the people in the group, providing scholarships for furthering education to many talented individuals & learning about the environment and how everything effects what we do, was a huge eye opener for me. I feel so blessed that I was encouraged by Lynn & Kay Youngblood to do this.

We also had a great program with Eric Crawford regarding Steelhead & Salmon Recovery and learning about how the number of fish surviving the environment has changed through the years. I look forward to many more great programs in the future thanks to Joe Vaughan, who does an amazing job for the group. I also want to thank all the Executive Committee for all their support they have given me this past year. I hope everyone has a Merry Christmas and a safe New Year!

Back Cast:

Eric Crawford (pictured at the right) is the North Idaho Field Coordinator for Trout Unlimited, and Member of TU's Sportsmen Conservation Project. He presented: "Idaho's Salmon and Steelhead: The last best place for recovery." Eric reviewed the current status of Idaho steelhead, the issues affecting their recovery and discussed opportunities for engagement.

The Tippet is available as a PDF file on our web site:

www.clearwaterflycasters.com

Please submit information to the Newsletter Editor

Meetings 2nd Wednesday of the month (except June, July and Aug) University Best Western Inn, Moscow, ID

Wet Fly Hour: 5:30 pm

Buffet Dinner: 6:30 pm; \$16, students \$8

Menu: *Baked Potato, Soup, and Salad Bar: baked Idaho potatoes, butter, sour cream, jack and cheddar cheeses, bacon and green onions, Chef's soup of the day, grilled chicken breasts, rustic rolls, spring greens, chopped romaine hearts, served with assorted dressings, seven salad bar toppings, and assorted desserts, coffee/tea/soda*

Program: 7:30





Christine Plourde, Recreation Staff Officer with the U.S. Department of Agriculture, Forest Service and located at the St. Joe Ranger District Idaho Panhandle National Forests office in St. Maries. She attended our meeting to learn more about our activities and to provide us with information on her activities.

She indicated that management of a national forest as large as the Idaho Panhandle National Forests requires the efforts of not only dedicated employees, but a great many partners and volunteers.

“Our partners help maintain recreation sites and trails, reduce hazardous fuels, restore watersheds, monitor wildlife populations, improve wildlife and fisheries habitat, inventory and monitor archeological and historic sites, provide input to proposed management activities, conduct conservation education programs, and respond to emergency incidents.”

Steve Allured – Benton Collins Award

Established in 1989, the **Steve Allured – Benton Collins Memorial Award** is given in recognition of outstanding contributions to the activities of the Clearwater Fly Casters, conservation and the sport of fly fishing. 2019 award recipient, Doug Baldwin provides the club with outstanding leadership in fisheries resource conservation.



Forward Cast:

Important Dates and Events

January 8, 2020: CFC Club Meeting, University Inn Best Western, Moscow, ID Wet Fly Hour 5:30 pm, Dinner at 6:30 pm and Program at 7:30 pm. Bring a friend. Bring a student!

January 15, 2020: CFC Fly Tying group will meet at 6:30 pm at Steve Bush’s office

March 19-21, 2020: North Idaho Fly Fishing Expo sponsored by the Kelly Creek Flycasters will be held at the Red Lion in Lewiston, Idaho. (see below for details)

May 16, 2020: Amber Lake Fish Out

June 12-13, 2020: North Fork Coeur d’Alene Fish Out, Meet at Devils’ Elbow Campground.

July 10-11, 2020: St. Joe Fish Out, Fly Flat Campground

Moscow Elks Vets Fly Tying and Casting Program

The group is still looking for any used clothing or fly fishing gear you might want to donate. They are mainly in need of wading boots and waders for men and women. Even though this is an Elks program the majority of the helpers are members of Clearwater Fly Casters. If you have gear you are willing to part with, please

bring the items to the next meeting of the club. Cliff Swanson will be collecting the items and passing them on to the Elks program.

Raffle Board

A large number of excellent small flies have been donated to the club for use in fund raising. A Raffle Board has been established with 50 squares. The choice of 50 squares commemorates the 50 years of Clearwater Fly Casters. When the 50 squares have been filled, there will be a drawing for the 50 flies. The Raffle Board will be available at the January meeting.

North Idaho Fly Fishing Expo

The North Idaho Fly Fishing Expo sponsored by the Kelly Creek Flycasters will be held March 19-21, 2020 at the Red Lion in Lewiston, Idaho.

Thursday, March 19, Fly Fishing Film night sponsored by the Lewiston Tribune

Friday and Saturday, March 20-21, Fly tying and educational sessions both days

Friday night, March 20, Banquet with Speakers Ladin Langman and Steve Ronholt of “Fishing with Ladin.” Ladin and Steve will also do a session on Saturday.

The 2020 Northwest Youth Conservation & Fly Fishing Academy:

Applications are being accepted until April 15th for the 2020 Northwest Youth Conservation and Fly Fishing Academy. To qualify for The Academy, the applicant, boy or girl, 12-16 years old, must write an essay explaining why “they” want to attend the Academy and a letter of recommendation is required from their school counselor or science teacher. The dates for the WCTU and WSCFFI supported event, are June 21-27, 2020. The last full week of June. The week long Academy will be held at The Gwinwood Conference Center on Hicks Lake in Lacey, WA. To learn more about “The Academy”, go to www.nwycffa.com. The application is available on the website or contact Mike Clancy @ nwycffa@comcast.net or Jim Brosio @ brosioj@q.com. This is a life rewarding experience for our youth to learn conservation and the basics of fly fishing. We are also on Facebook. No youth will be turned away because of funding.

Pullman Chamber of Commerce Membership:

The Executive Committee for the club has decided to join the Pullman Chamber of Commerce for one year in order to take advantage of advertising of club events and other activities in local publications. The cost is \$150 per year. After one year, the Executive Committee will evaluate any benefits to the club and make a decision on continuation as a chamber member.

Membership:

Dues for the current year, which coincides with the academic year, are overdue for some club members. Dues are \$25/yr. for individuals and \$35/yr. for families.

Fly of the Month: "Mosquito Klinkhammer"

This fly pattern is courtesy of Fly Fishers International. Details on tying this fly can be found on their website: <http://fedflyfishers.org/Tying/FlyoftheMonth.aspx>

I admire Dry Flies tied with a quill such as the Quill Gordon, and Red Quill. The body is slim and naturally segmented. I remember the first fly I ever saw when I was just a kid, around 10 years old, my father had a size 18 Mosquito Dry Fly in a 35 MM film canister, boy I remember how beautiful it looked and always wanted to know how that was done. Tying with 2 strands of anything takes practice, you need to tie both strands around the hook shank at the same time and not cross them, so they form a nice alternating wrapping. This fly was inspired by the Mosquito Dry Fly.



Materials:

Hook: Klinkhammer size 12 to 18 (Daiichi 1167)

Thread: Black 8/0

Abdomen: One Strand of White and One Strand of Black Moose Mane Hair. Body coated with Solarez

Thorax: Peacock Herl

Wing Post: White Calf Tail

Hackle: Ewing Grizzly Hackle

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Tier: Jerry Coviello

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Clearwater Fly Casters

January, 2020

Clearwater Fly Casters Officers & Committee Chairs 2020

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Vice President	Open	
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Membership and Monthly Meeting:

CFC membership dues are \$25/yr. for individuals, \$35/yr. for families, \$10/yr. for students, \$50/yr. sustaining, \$300/lifetime. Meetings are on the 2nd Wednesday, September through May, at the Best Western University Inn, 1516 Pullman Rd, Moscow, Idaho. Wet Fly Hour 5:30 PM, Dinner at 6:30 PM and Program at 7:30 PM.