Fly Fishers of Davis

http://www.FlyFishersofDavis.org

Volume 53 Issue 3

The Fisherman's Line

March Meeting, Tuesday March 26, 2024

7:30 pm @ Stonegate Country Club

Scholarship Winner Khiet Huynh Presents: Improving the Culture Condition of Delta Smelt larvae

his month, Tuesday March 26, 2024, scholarship winner Khiet Huynh will present Improving the Culture Condition of Delta Smelt larvae. The presentation will be a quick summary of Khiet's current research about the Delta Smelt. In this presentation, he will give a brief introduction about Delta Smelt, the overall objective of my research, and why it is beneficial to the conservation of fishes in the Delta. He will also discuss how he examines multiple biomarkers that could be used to assess the health condition of Delta Smelt larvae and the effect of salinity and temperature on the growth and survival of larvae. In addition, future research will be briefly described during the presentation as well.



My name is Khiet Huynh. I am a graduate student in the Animal

Biology graduate program. My research mainly focuses on improving the understanding about the biology of fish larvae and their interaction with the environment through laboratory experiments and field data. I am also interested in developing a method to assess the health condition of larvae both in the wild and aquaculture conditions.





THE PREZ SEZ

Howdy y'all,

What a fun Annual Dinner. It was great to see so many people again, and so many new folks. The state of the club is encouraging with so much new life.

It's finally spring and things are starting to happen. There have been quite a few of us going to Lake Berryessa fishing float n fly. The nicer days have been producing some good numbers and nice fish. The Smalley's are moving shallower. The Spot's are still pre-spawn.

Stripers are starting to move up the system. Folks have been getting fish in the deep-water channel. There are also fish in Liberty and sloughs that go up from there including the toe drain. I assume they are also in the river, but I haven't heard anything.

Still too early for shad...but it's coming!

The lower Sac should be starting to fish the first week of April for those who might want to take a trip with the fly shop or a guide of your choice.

I have heard Baum Lake is fishing great. This sounds great for the upcoming trip.

Get out there! Wet a line. Stick a lip. Grip and Grin. Get a Pic. Rinse and Repeat!

Andan

MEETING SCHEDULE

The meeting schedule has been tentatively set for the next few months. Peter Hawes is the program chair - let him know if you like the program speakers or if you have ideas for one at programs@flyfishersofdavis.org

| Fly Fishers of Davis 2023 Meeting Schedule | | | | | | |
|--|-------------|----------|---|--|--|--|
| MONTH | SPEAKER | DATE | TOPIC | | | |
| March | Khiet Huynh | March 26 | Improving the Culture Condition of Delta Smelt larvae | | | |

IT IS TIME TO RENEW YOUR MEMBERSHIP



IMPORTANT MEMBERSHIP RENEWAL DETAILS

Website Members: If you signed up for membership on the new FFD website, you will get an email in the late December/early January timeframe with your renewal details. No need to go to the website before that, so please wait for your renewal information email.

Website Non-members: If you're an FFD member, but you did not sign up on the website and you wish to renew your Membership, please stop by the membership table at our next in-person general meeting, and pay your dues with check, cash, or credit card for 2022. You can also send a renewal check to Fly Fishers of Davis, P.O. box 525, Davis, CA, 95617.

Note: our preferred method is for website non-members to become website members, by signing up on the website!

Dues for adults and families are still \$30/year, and the student rate is \$15/year. Your dues help to fund almost all club activities — including our superb array of guest speakers, outings, the annual picnic, fly casting and fly tying clinics, our amazing FFD 101 classes, Salmon in the Classroom, and best of all, our contributions to numerous outreach, education And conservation organizations.

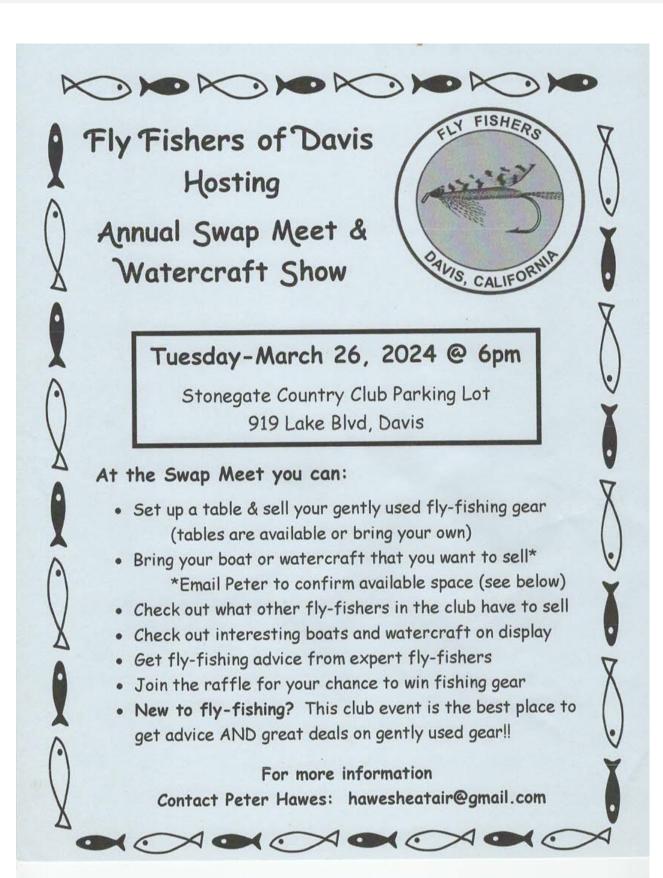
Thank you for your generosity and continuing support!



Fly Fishers of Davis is now on Facebook! Like Us and Follow Us to get the Latest updates on Club Events and other News.

Facebook.com/FlvFishersOfDavis





<u>CONSERVATION REPORT</u>

By Lowell Ashbaugh

<u>Conservation Mailing List</u> Want to keep up on conservation issues in between newsletters? Join the FFD Conservation Google Group list. Click <u>here</u> for instructions on how to join, and search for "FFD-Conservation". Or send an email to <u>Ashbaugh.lowell@gmail.com</u> with your request.

Note: If you'd like to try your hand at writing a conservation column, please let me know. I'd like to find someone to start taking over this role. I'll help get you started.

The California Department of Fish and Wildlife (CDFW) announced early this month that fall-run Chinook salmon fry released for the first time from its Fall Creek Fish Hatchery in Siskiyou County are presumed to have succumbed to gas bubble disease in the Klamath River.

On Monday, Feb. 26, CDFW released approximately 830,000 fall-run Chinook salmon fry into Fall Creek, a tributary of the Klamath River above Iron Gate Dam. The fish were hatched at CDFW's new, \$35 million, state-of-the-art Fall Creek Fish Hatchery, which represents California's long-term commitment to supporting and restoring both Chinook and coho salmon runs on an undammed Klamath River.

CDFW's Fall Creek Fish Hatchery continues to hold approximately 3.27 million healthy, fall-run Chinook salmon. Additional releases are planned later in the month.

The salmon fry experienced a large mortality based on monitoring data downstream. Indications are the cause of mortality is gas bubble disease that likely occurred as the fry migrated though the Iron Gate Dam tunnel, old infrastructure that is targeted for removal along with the Iron Gate Dam itself later this year. Gas bubble disease results from environmental or physical trauma often associated with severe pressure change.

There is no indication the mortality is associated with other Klamath River water quality conditions such as turbidity and dissolved oxygen, which were reading at suitable levels on Feb. 26 and the days prior

to release. The visual appearance of the dead fry detected by monitoring equipment points to gas bubble disease. Monitoring equipment documented other healthy yearling coho and Chinook salmon that came from downstream of the dam.

The problems associated with the Iron Gate Dam tunnel are temporary and yet another sad reminder of how the Klamath River dams have harmed salmon runs for generations. CDFW will plan all future salmon releases below Iron Gate Dam until this infrastructure is removed. Poor habitat conditions caused by the dams and other circumstances such as this are reasons why CDFW conducts releases of hatchery fish at various life stages.

The annual fall-run Chinook salmon production goal for the hatchery is to raise and release 3.25 million fish – 1.25 million released as fry, 1.75 million as smolts, and 250,000 as yearlings. The additional stock of fall-run Chinook salmon remaining in the hatchery exceeds the annual production goal and will help offset losses experienced with the initial release of fry.

From Dan Bacher: Representative Josh Harder (CA-9) has led a group of his Delta region colleagues urging the U.S. Army Corps of Engineers to deny a permit for the now-infamous Delta Tunnel, the zombie project that just keeps coming back.

"The State recently released an Environmental Impact Report (EIR) confirming that the project will threaten endangered fish populations, destroy farmland, and harm water quality," according to a press release from Harder's Office. "Harder is calling attention to the

deeply concerning long-term impacts that the Delta Tunnel project would have on the Delta itself, the local agriculture industry, and the environment."

"The Delta Tunnel water grab would be a disaster for our region. We've been saying it for years and Sacramento's own report shows the damage it would do, but they won't listen and they're steamrolling ahead," said Rep. Harder. "Delta communities are united in opposition to this boondoggle project because water is the lifeblood of our way of life. The Army Corps needs to do what's right, look at the real dangers this project will cause, and deny a permit."

Last month, Harder and his Delta region colleagues urged the US Bureau of Reclamation to deny Sacramento's requestfor federal participation in the Delta Tunnel project. "In December, Harder led his colleagues in demanding the California Natural Resources Agency halt all Delta Tunnel activity following the release of its own troubling Environmental Impact Report (EIR). The report acknowledges what Harder and other Delta Tunnel opponents have known for years: the project would be a disaster for waterways, farmers, and communities along the Delta. Harder hosted multiple town halls after the Army Corps of Engineers refused to host their own in-person town hall to discuss the Delta Tunnel project," Harder's Office wrote. Rep. Harder was joined by four other Delta region representatives: Reps. John Garamendi (CA-8), Mike Thompson (CA-4), Mark DeSaulnier (CA-10), and Doris

Read their full letter to the Assistant Secretary of the Army for Civil Works HERE.

of Engineers.

The Lookout Slough Tidal Habitat
Restoration and Flood Improvement
Project is part of the state's tidal wetland
restoration EcoRestore Program, a multi-agency
initiative launched in 2015 to advance at
least 30,000 acres of critical habitat
restoration and enhancement in California's

Matsui (CA-7) in their letter to the Army Corps

Central Valley. The Lookout Slough project is located in the Cache Slough region, one of the key areas in the Sacramento-San Joaquin Delta with elevations favorable for maintaining tidal habitats for the endangered Delta smelt. The proposed Project would restore approximately 3,000 acres of tidal wetland, creating habitat that is beneficial to native fish and wildlife. Lookout Slough is adjacent to additional tidal habitat restoration efforts being implemented by the Department of Water Resources (DWR), including Yolo Flyway Farms and Lower Yolo Ranch, to create a contiguous tidal wetland restoration complex spanning 16,000 acres in the Cache Slough region. Once completed, the proposed Project would be the Delta's largest single tidal habitat restoration project to date.

In addition to the restoration of important tidal wetland habitat, the proposed multibenefits of this Project will meet objectives of the Central Valley Flood Protection Plan to reduce flood risk. The proposed Project includes construction of a new setback levee along the west and north edges of the site to allow for breaching the existing Yolo Bypass West Levee along Shag Slough. The new setback levee will provide 100-year flood protection with additional height for climate change and sea level rise resiliency. Breaching and degrading the existing levees will restore historical tidal influence on the site, providing food web and other benefits to Delta smelt and increasing seasonal floodplain rearing habitat for salmonids. This effort is being implemented by DWR

through a partnership with Ecosystem Investment Partners (EIP) and Reclamation District 2098. Partnering with EIP and leveraging their unique expertise in planning, permitting and constructing large-scale restoration projects will allow DWR to implement this effort in a timely manner. The project is expected to be complete by 2022.

The Project is intended to partially fulfill DWR's 8,000-acre tidal habitat restoration obligations pursuant to the 2008 U.S. Fish

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and Wildlife Service (USFWS) Delta Smelt Biological Opinion (BiOp) and is consistent with the 2009 National Marine Fisheries Service (NMFS) Salmonid BiOp for longterm coordinated operations of the State Water Project and the federal Central Valley Project.

It's not clear to me whether this is a good project or will further endanger native Delta

fish. CSPA has made some good arguments against it at

https://calsport.org/fisheriesblog/?p=4172, where they show data suggesting the water in these tidal areas warms too much during the summer months to support native fishes such as the Delta Smelt. I'll try to have more information on this in a future column. Thanks go to John Reynolds for getting this information

FFD EVENTS: 2024 FFD Annual Dinner

Photos by Tom Robinson and Summary by Andan Bailey

The Annual Dinner was the highlight of year as always. We had 130+ people participate. We shared good food, conversation, a bit of ribbing and a wonderful program 2023 a year in review. The raffle was tremendous with most people winning at least one prize. The silent auction had many great donated and hand made items.

This year we had Laura Fischer and Nancy Verghese join us from Casting for Recovery. Because of your generous support of the FFD we were able to increase our support from one to two sponsorships for the first time. This will allow two women to participate in this program that provides women such tremendous support in a difficult journey.

The Cary Boyden Fish Camp scholarship was awarded to two young people Andrew Lin and Matthew Swanstrom. I think Cary would be proud of his legacy for the future of the sport.

There are so many folks doing so much to make this dinner possible. To all those people who donated their time, items and effort to make this dinner such a great success. Thankyou!



Lyn Hooper is overseeing the table decorations



Part of the Annual Dinner setup crew



Getting the bucket items ready!



Dana Hooper getting the ticket items ready



What a great crowd we had this year



Working on the high roller items



Hickory Hank's BBQ is preparing dinner



Hickory Hank's BBQ dinner was fabulous



And they served chocolate brownies with ice cream



FishCamp winners- Andrew Lin and Matthew Swanstrom



Laura Fischer praised Paul Berliner for his service



The Bartenders – Gene Gantt and Peter Hawes



Laura Fischer and Nancy Verghese of Casting for Recovery



See you next year!

FFD TRAVELS: Pyramid Lake

Photos Shawn DeArmond and Summary by Eric Kapucinski

7 gentleman and a very successful Alaskan guide got served on this Pyramid outing. Although the fishing sucked, the camaraderie and a time away to decompress from the every day toils was much deserved. Nevertheless, you could buy intel from a local pusher, that in hindsight amounts to \$125 a fish. Once that figure is extrapolated to pound, you can get a much better deal at Safeway or Raleys! So, don't ask us for investment advice!

Even our own CA side Truckee river served up zero fish for the knowledgeable and experienced FFD anglers.

.... and as always the food, beverage and conversation was first class!!!'



Drone footage of Pyramid Lake



More drone footage



Dana Hooper has a nice Pyramid fish



Jacob Orton has a nice Pyramid fish



Fish On!



Jacob with another nice fish

FFD Website News

By Bob Beverlin and Paul Berliner

Classifieds Section Update

Classifieds Section Update

The website's **Classifieds** section is public. However, you must be a member to post, and the instructions are listed on the menu. You can find the page here:

https://flyfishersofdavis.org/resources/classifieds/

Price Reduction on all Reels!

Here's the status of all items:



Bass Boat
Contact Rick W.



Inflatable Contact Bob B.



Trailer GuidesContact Darryl D.



2 Ross Canyon Reels
Contact Bob Z.



Orvis Battenkill Reel Contact Bob Z.



2 Tioga Teton Reels Contact Bob Z.



Loon Outdoor Reel Contact Bob Z.



Humminbird Fish Finder Contact Paul B.

Full details are on the website. Check it out! Many thanks!





2024 FFD 101/201 Classes

By Dana Hooper

Winter Class Dates Class Times are 7 pm – 9 pm at the UCD Horticulture Room

Fly Fisheres of Davis 101/201 Classes have started, but it is not too late to attend the remaining classes.

| 101 Topics | | | | |
|------------|----------------|---|--|--|
| Day 4 | Tues. March 26 | What Makes Up The Fly Rod and Reel Basics | | |
| Day 5 | Tues. April 2 | Bugs Versus Flies | | |
| Day 6 | Tues. April 9 | Knots and Rigging | | |
| Day 7 | Tues. April 16 | Locating Trout | | |
| | April/May | Casting Class With Bob Z and Company | | |

Please Sign up at the next meeting or email Dana Hooper at TroutHookup1@gmail.com or 916-343-9732

If you would like to learn how to catch fish like these.







To sign up for these classes, contact Dana Hooper at trouthookupl@gmail.com so that he can bring enough class materials for everyone.

Use this link for directions out to the classroom site:

 $\frac{https://www.google.com/maps/dir/Davis,+California/Straloch+Rd,+Davis,+CA+95616/@38.536}{6082,-121.7818551,14z/}$

Second Call for Fly Tiers!

By Paul Berliner

This year, **Duck Days** and **Picnic Day** are back, and our ace fly-tying team could use extra help at the FFD fly-tying tables. These are two great outreach events for our club. We meet folks of all ages, tie flies for the kids, hand out FFD brochures, and chat-up our great club!

Picnic Day

UC Davis **Picnic Day** is **Saturday, April 20**, and we'll be tying wooly buggers galore in the Entomology Department in Briggs Hall. You'll get to see the bugs in action, and help to tie the bugs!



Duck Days

This year, **Duck Days** is the very next week: <u>Saturday</u>, <u>April 27</u>, at the Yolo Bypass Wildlife Area Headquarters, 45211 County Road 32B in Davis. This year, our booth will be indoors, so that our feathers don't fly all over the bypass!



To help out with either (or both) events, please contact me at <u>paul@berlinerproductions.com</u>. And for an enjoyable day, regardless, please stop by our booth at both events, and enjoy.

Thanks in advance for your help!

FFD Fuller Lake Outing





Single-day outing to Fuller Lake located at about 5,500 feet near Emigrant Gap, about a 1:45 drive from Davis. Floatation device is pretty much required as shore fishing is very limited. Float tube, kayak, or pram work best. Trout are mostly small stocked rainbows with some larger resident rainbows and browns.

Date: 6/15/2024

Fishmeister: Shawn DeArmond Contact: dearmond@gmail.com

Comments: Day trip, Floatation device



Proposed FFD Outings & Events

| <u>Trip 2024</u> | <u>Fish</u> | | <u>Dates</u> | <u>Fishmeister</u> | Contact | <u>Comments</u> |
|---------------------------|-------------|-------|--------------|--------------------|--------------------------|-----------------------------|
| Pyramid Lake | Trout | | TBD | Dana Hooper | trouthookup1@gmail.com | Lodge/Hotel |
| Lower Yuba Walk Wade | Trout | | TBD Feb | Dana Hooper | trouthookup1@gmail.com | Day trip |
| Baum Lake | Trout | | TBD March | Dana Hooper | trouthookup1@gmail.com | |
| FFD Casting Clinic | | | TBD | Bob Zasoski | rjzasoski@sbcglobal.net | |
| Hat Creek 101 | Trout | | May 3,4 & 5 | Dana Hooper | trouthookup1@gmail.com | Camping |
| Lake Berryessa | Mult. Sp. | Boat | May TBD | Peter Hawes | hawsheatair@gmail.com | Boater pair with non boater |
| Putah Creek | Trout | | April/May | Son Chong | vsonkilchong@gmail.com | Day trip |
| Lake Berryessa | Mult. Sp. | Boat | May | Peter Hawes | hawsheatair@gmail.com | Boater pair with non boater |
| Delta Bass N Fly Tourn | Black Bass | Boat | TBD | Dana Hooper | trouthookup1@gmail.com | Boater pair with non boater |
| Lower Sac Float (Spring) | Trout | Guide | TBD | Dana Hooper | trouthookup1@gmail.com | Fee + Tip |
| Shad Sac or Feather River | Shad | Boat | May | Peter Hawes | hawsheatair@gmail.com | Boater pair with non boater |
| FFD Annual Picnic | | | June | | | |
| Fuller Lake | Trout | | 6/15 | Shawn DeArmond | dearmond@gmail.com | Floatation Device, Day trip |
| McCloud River | Trout | | TBD | Peter Hawes | hawsheatair@gmail.com | Camping |
| Umpqua River | Smallmouth | Guide | TBD | Gene Gantt | fishinggantt@comcast.net | Fee + Tip |
| Manzanita Lake Trip | Trout | | August | Dana Hooper | trouthookup1@gmail.com | Floatation Device / Camping |
| Lake Davis | Trout | Boat | TBD | Need Fishmeister | | Camping |
| Lewiston Lake | Trout | | TBD | Need Fishmeister | | Camping |
| Lower Sac Float (Fall) | Trout | Guide | TBD | Dana Hooper | trouthookup1@gmail.com | Fee + Tip |
| Delta Striper Fest 2023 | Stripers | Boat | Nov. 2 | Dana Hooper | trouthookup1@gmail.com | Boater pair with non boater |
| Luke Lake | Mult. Sp. | Boat | December | Dana Hooper | trouthookup1@gmail.com | Fee |





Officers, Directors and Committees

| Officers, Directors and Committee | | | | | |
|-----------------------------------|-----------------|--|--|--|--|
| President: | Andan Bailey | | | | |
| Vice President | Jeff Williams | | | | |
| Treasurer | Tristan Leong | | | | |
| Secretary | Devin Bartley | | | | |
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| | Rick Kennedy | | | | |
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| 2024 | Jacob Orton | | | | |
| | Alicia Torres | | | | |
| | | | | | |
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| Conservation | Lowell Ashbaugh | | | | |
| Membership | Ryan Mitchell | | | | |
| Communication | Tom Robinson | | | | |
| Newsletter | Tom Robinson | | | | |
| NCCFFF | Lowell Ashbaugh | | | | |
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| Hospitality | Peter Hawes | | | | |
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| Fly Tying | Bob Zasoski | | | | |
| Picnic Chair | | | | | |
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| Youth FishCamp | Tom Robinson | | | | |
| Video Library | Eric Kapucinski | | | | |

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The Fly Fishers of Davis (FFD) is a non-Profit 501.C.4 charitable organization dedicated to the education, participation, conservation and enhancement of fly fishing. FFD meets monthly. Our regular monthly meetings are held the last Tuesday of each month except for December, and other exceptions are noted in our newsletter. December meetings are held the second Tuesday to accommodate holiday schedules.

FFD is an affiliate club of the Federation of Fly Fishers (FFF), an international nonprofit organization, and its Northern California Council (NCCFFF) affiliate. FFD meetings and membership are opened to the public. The Fly Fishers of Davis provide equal opportunity membership without discrimination on sex, race, origin, age or religious orientation.

E-Newsletter Policy

Each month, the e-newsletter will be posted to our website and emailed about one week before the meeting.

You may need to download Acrobat reader at:

https://get.adobe.com/reader/ to view our PDF newsletter.

Members are urged to maintain their current email address and other important personal data by logging in, and visiting:

https://flyfishersofdavis.org/account/. This ensures accurate communication and notification of our monthly newsletter, which is also downloadable at:

https://flyfishersofdavis.org/media/newsletters/.

How to become a member of the Fly Fishers of Davis

FFD collects annual dues for adults (\$30), students (\$15) and families (\$30). Family membership may include a spouse and children living with named member up to maximum age of 25. All family members will share one membership and username. Please be sure to provide a valid email address. For insurance reasons, you must be a current club member or registered family member to attend any of our fishing outings.

- <u>Membership Benefits:</u> For more information about the many benefits of FFD membership, please go to https://flyfishersofdavis.org/about/membership-benefits/
- New Members ONLY: To join FFD, please go to https://flyfishersofdavis.org/memberships/
- Existing Members, Login and Dues Assistance: email webmaster@flyfishersofdavis.org
- For Additional Information: or questions email membership@flyfishersofdavis.org