

CCFRP Volunteer Newsletter 2024



A Summary of the 2023 Sampling Season
California Collaborative Fisheries Research Program
Bodega Marine Lab – North-Central Coast



To our wonderful volunteers,

Another year of field sampling is officially under our belts, all thanks to your continued support and dedication. This marks our 6th season of data collection inside and outside our site's Marine Protected Areas (MPAs). This year, with the support of over 100 volunteers, we

completed **12** incredible trips. The collective efforts of **95** anglers and **35** science crewmembers allowed us to sample a grand total of **8,020** fish from **29** different species, tagging **629** of them along the way. Although we say it every day out on the water, it is worth repeating – this science truly could not be accomplished without each and every one of you championing our mission. Thank you all so much, and we hope to see you all out on the water with us this summer!



Bodega Head SMR
2050 Total

Stewart's Point SMR
5970 Total



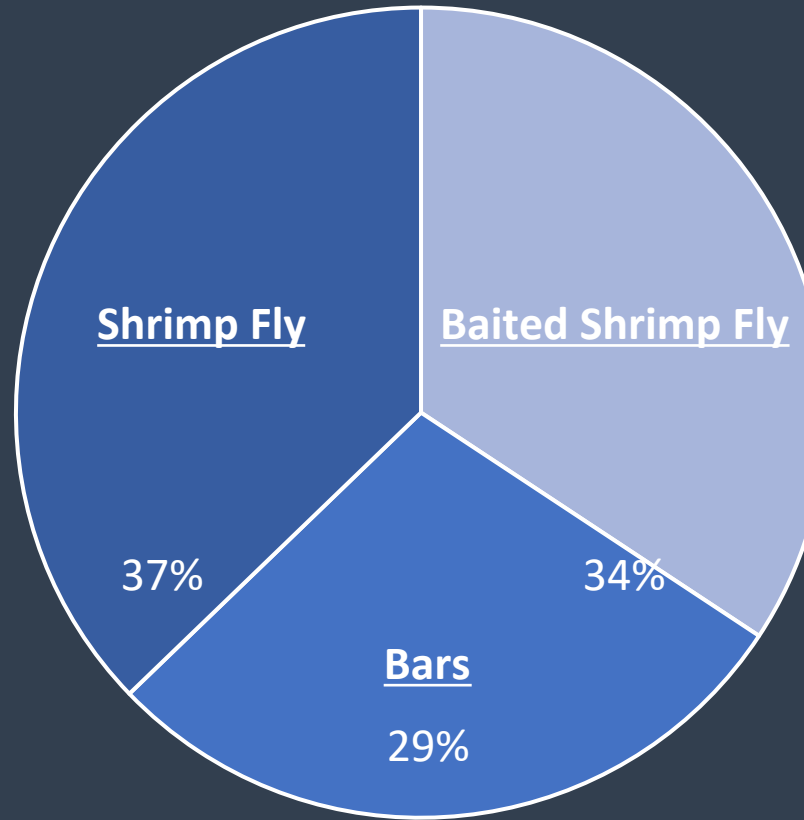
Yelloweye Recap! Tagged way back in 2017
Featuring Hattie H. and angler Shep H.



Copper rockfish, featuring Fran and angler Scotty

Catch Distribution

Gear Type	Total Fish Caught
Shrimp Fly	2984
Baited Shrimp Fly	2750
Bars	2286
TOTAL FISH CAUGHT:	8020



Fish Species	# Caught
Anchovy	2
Black & Yellow Rockfish	7
Black Rockfish	308
Blue Rockfish	3397
Buffalo Scuplin	7
Brown Rockfish	541
Cabazon	6
China Rockfish	151
Canary Rockfish	441
Copper Rockfish	215
Deacon Rockfish	877
Gopher Rockfish	1009
Jack Smelt	1
Kelp Greenling	44
Lingcod	153
Olive	112
Pacific Sanddab	2
Quillback Rockfish	84
Rock Sole	3
Rosy Rockfish	62
Sanddab	2
Sardine	1
Sand Sole	2
Treefish Rockfish	2
Topsmelt	1
Vermilion Rockfish	282
Yelloweye Rockfish	31
Yellowtail Rockfish	277

Largest fish of the season:

Species: Lingcod
Fork Length: 866 mm
Site: Stewart's Point
Gear Type: Shrimp Fly
Angler: Cole L.



Smallest fish of the season:

Species: Blue Rockfish
Fork Length: 32 mm
Site: Stewart's Point
Gear Type: Baited Fly
Angler: Jake T.



(photo of angler not smallest fish)
 Yelloweye and Vermilion DOUBLE!

The Season's Core Science Crew



Abby D.



Fiona H. and Dylan L.



Rachel L. with angler David K.



Hannah T.
with angler Joe M.



Hattie H. with angler Sam H.



Christina Pasparakis with angler Doug C.



Su C. with angler Isaac T.



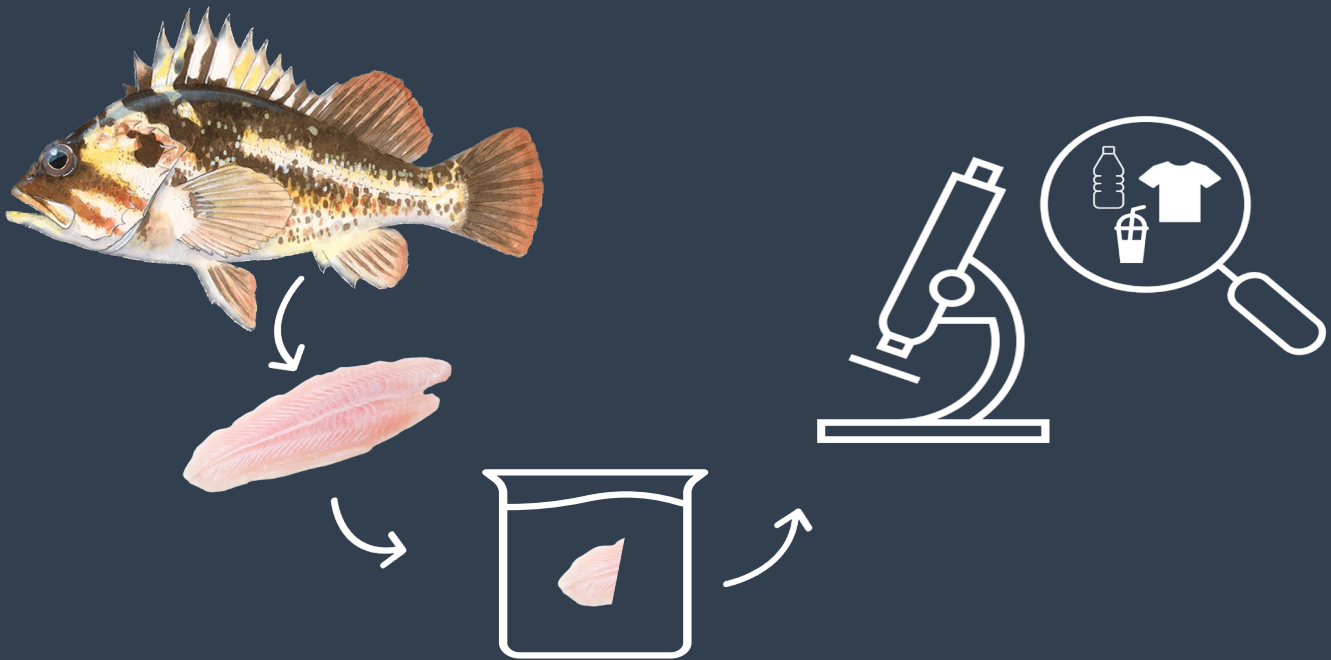
Yelloweye rockfish & Jordan



Buffalo sculpin & Francine

New Projects: Investigating Microplastics in Rockfish

Exciting research developments ahead! We are gearing up for an upcoming microplastic study, utilizing fish caught from 2023. Co-lead Jordan will spearhead the effort, sampling tissues from 85 fish for his planned microplastic analysis. The top three species selected for this analysis are Brown (*Sebastes auriculatus*), Yellowtail (*Sebastes flavidus*), and Copper Rockfish (*Sebastes caurinus*). Our study aims to investigate three tissue types- intestine, liver, and muscle- in an effort to broaden our understanding of plastic prevalence and distribution within fish and their environment. Stay tuned!



To extract microplastics from rockfish samples, we begin by removing a small plug of tissue from the muscle. The tissue is then dissolved in lab, leaving behind only the tiny microplastic particulates, which we catalogue using microscopy. Common microplastics in the environment can be traced back to single-use plastics and fibers from textiles!

2024 Fleet Updates



Captain Rick Powers and deckhand Dana Amundsen expertly guided us throughout our entire 2023 season. At the helm of the F/V **New Sea Angler**, a 65' Jones-Goodell, Captain Rick and Dana navigated through challenging conditions to ensure the smooth and successful progress of our research despite gray skies and rough seas.

We extend our heartfelt gratitude to the intrepid crew of the New Sea Angler and wish them continued success for the remainder of the season!

Let's catch some fish! Let's catch some *good* fish!



2024 Volunteer Appreciation Event

As a token of our appreciation, we are excited to invite you all to our annual volunteer angler appreciation event at the University of California Davis Bodega Marine Lab. All interested volunteers are welcome to attend! We look forward to presenting you with the data we collected this past season and providing updates on projects we've incorporated into our sampling protocols. If you are available to attend, we'd be thrilled to see you there.

University of California Davis - Bodega Marine Lab
2099 Westshore Rd, Bodega Bay, CA 94923

Saturday, March 23rd, 11AM – 2PM



Lunch is on us, so if you're able to make it, ***please RSVP to the form using the QR code or by following the link below.*** Your presence at this event would mean a lot to us, and we look forward to seeing you there!

<https://forms.gle/zUbe6NcNLCxz7LYR8>





For more awesome photos or to upload your own, follow this link!

<https://shorturl.at/gjz07>

