



# California Collaborative Fisheries Research Program

## Scripps Institution of Oceanography Volunteer Newsletter

### A Summary of the 2018 Sampling Season

Greetings CCFRP Volunteers,

Greatly owing to your valued participation, we completed our second year of CCFRP surveys! In 2018 we had 68 volunteer anglers (32 new) join us on 8 hook-and-line surveys conducted inside MPAs and nearby reference areas off San Diego County. Volunteers spent 289.9 angler hours catching and releasing 918 fish (698 of these were tagged) representing 33 different species and allowing us to gather important information on species composition, lengths, and catch rates! Take a look inside for some of the highlights!!



### Know someone interested in fishing with us in 2019?

Contact Erica Jarvis Mason at [catchreporter@gmail.com](mailto:catchreporter@gmail.com) for more information and to volunteer.



# Biggest Fishes Caught in 2018

Below are the top 10 largest species caught last season.  
Total lengths are listed along with angler, area, and site (MPA/REF).

**Common Thresher Shark** 150 cm (59 in)  
Bien Quinajon, Swami's REF

**California Halibut** 115 cm (45 in)  
Michelle Bowman, Swami's MPA

**Pacific Barracuda** 81 cm (31 in)  
Jon Dohner, South La Jolla MPA

**California Yellowtail** 70 cm (27 in)  
Emmer Trinidad, South La Jolla MPA

**Lingcod** 58 cm (22 in)  
Quincy Quinajon, South La Jolla MPA



**California Yellowtail**

**Kelp Bass** 57 cm (22 in)  
Howard Hada, Swami's MPA

**California Sheephead** 51 cm (20 in)  
Randall Toji, Swami's MPA

**Ocean Whitefish** 44 cm (17 in)  
Rich Landry, Swami's MPA

**White Seabass** 42 cm (17 in)  
Nick Nichols, Swami's MPA

**Vermilion Rockfish** 40 cm (16 in)  
Lori Barber, South La Jolla MPA  
Michael Maher, South La Jolla Ref



**California Halibut**



# 2018 Data Summary

(Revised January 31, 2019)

## Catch-Per-Unit-Effort (Fish/Angler Hour)

Area	CPUE	Most Frequently Caught Species
South La Jolla MPA	4.90	Kelp Bass, Kelp Rockfish, Ocean Whitefish
South La Jolla REF	3.31	
Swami's MPA	3.50	Kelp Bass, Ocean Whitefish, Pacific Mackerel, Treefish
Swami's REF	1.51	

## Species Spotlight: Kelp Rockfish (*Sebastes atrovirens*)



### Etymology and Colloquial Names:

*Atrovirens* is Latin for “black” and “green”, Sometimes referred to as “sugar bass”

**Geographic Range:** Fort Bragg (Northern California) to Bahia San Carlos, and Islas San Benito (central Baja California); 98 ft to 269 ft

**Maximum size:** 17 inches total length

Kelp Rockfish are often tan or brown, but you might see them in blackish, greenish, reddish, or even nearly white. This year on one of our Swami’s surveys we caught a Kelp Rockfish that was bright yellow and black (photo below).

CCFRP Stats:	2017	2018
Caught and released	79	117
Tagged	67	97
Recaptured	0	2
Max length (inches)	13.0	14.6



## 2018 Tag Returns

Tag returns are an exciting part of our program and one way that we learn about the movements and growth rates of the fish we catch and release on our surveys.

Anglers reported catching **23** of our tagged fish last year! One cool find was a Copper Rockfish originally tagged and released in the South La Jolla Reference Area on July 18, 2017 and recaptured near Marina Del Rey on December 24, 2018! As the crow flies, that's a distance of about 107 miles!

Species	Total	Max Days at Liberty	Max Distance (mi)
Copper Rockfish	1	525	106.6
Kelp Bass	10	423	5.5
Ocean Whitefish	6	454	7.5
Kelp Rockfish	2	488	3.6
Gopher Rockfish	1	171	2.2
CA Sheephead	2	156	0
Barred Sand Bass	1	Unk.	Unk.

*On your next fishing outing, be on the lookout for our tags -- they are white and about 2 inches long, typically inserted on the left side of the fish. One side of the tag has our phone number, the other has the Tag ID number. If tags have been out for quite some time they may be fouled with algae and not as readily noticeable.*



### What to do if you catch a tagged fish:

- Record the **Tag ID number** and **location** (length, depth if possible)
- call 858-534-2156 and leave us a detailed message
- Let us know if you kept or released the fish (with or without tag)

## Upcoming Surveys in 2019

Stay on the lookout for emails this spring from [catchreporter@gmail.com](mailto:catchreporter@gmail.com) with details on our schedule for the 2019 field season. Be sure to respond quickly to ensure you don't miss out on joining us for another exciting year of surveys!

If you are a member of a fishing club that is interested in participating, please let us know!

And we can always use more volunteers on our science team. Science team members help with rigging gear, shuttling fish, descending bloated rockfish, collecting data, and assisting anglers with their gear.



If you are interested in volunteering, please contact us at [catchreporter@gmail.com](mailto:catchreporter@gmail.com). Volunteers must be 18 years or older.



Please take a moment to follow "Coastal Angler Tagging Cooperative" on Facebook, as well as "CCFRP" on Facebook, Instagram, Twitter, and Youtube!







**Thank you for your  
support of CCFRP!**







Looking forward to another great season!

