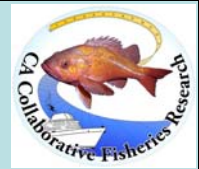




CA Collaborative Fisheries Research Program



2008 Trapping Project Overview

Summary

November 15th marked the end of the CA Collaborative Fisheries Research Program (CCFRP) commercial trapping study for the 2008 field season. Between July and November, 44 days were spent on the water, using fish traps to survey the Año Nuevo, Point Lobos, Piedras Blancas, and Cambria Marine Protected Areas (MPAs, established in September 2007), and corresponding reference sites. On a given survey day, two or three of the 500 meter-square sampling blocks that encompass rocky habitat were chosen at random. In each of these blocks, two lines of ten traps were set in water less than 60 feet deep and soaked for approximately one hour. One pint of squid bait was used in each trap. All of the caught fishes were identified to species, measured (total length), tagged, and released. All invertebrates were identified to species and released. A total (all areas combined) of 2,609 fishes and 2,937 invertebrates were caught.

The objective of this project is to collect baseline and monitoring information about the MPAs as part of the CA Collaborative Fisheries Research Program created by Rick Starr (CA Sea Grant) and Dean Wendt (Cal Poly San Luis Obispo, SLOSEA). This commercial project complements the rod-and-reel fishing research surveys that were conducted along the central California coast in 2007 and 2008.

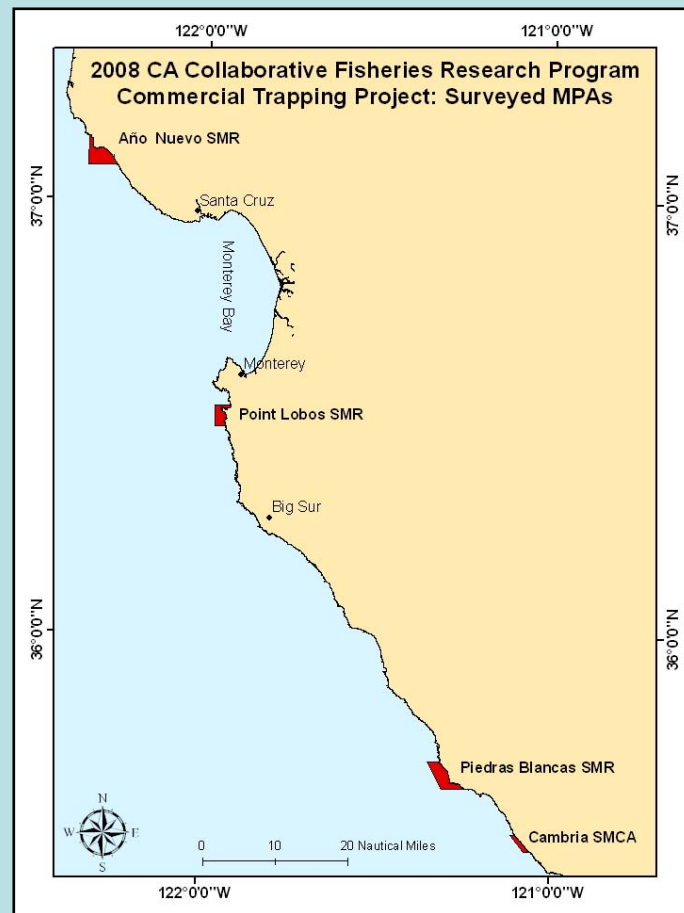
This project was conducted collaboratively by scientists and fishermen, whose hard work and expertise made this project successful.



To learn more about this and other CCFRP projects please visit our websites:

www.slosea.org/collaborative

<http://seagrant.mlml.calstate.edu/crmpamonitor.php>



Some of the Largest Fishes Caught:

Cabazon: 55 cm (22 in), caught August 7th in the Año Nuevo Reference site

Lingcod: 74 cm (29 in), caught August 4th in the Año Nuevo MPA

Wolf Eel: 124 cm (49 in), caught September 4th in the Año Nuevo MPA



Wolf Eel



Cabazon being tagged



Lingcod



The following are preliminary catch results for the 2008 CCFRP commercial trapping surveys conducted in the Marine Protected Areas (MPA) and corresponding reference sites (REF).



Date	Site	No. Fishes	No. Inverts	No. Traps
Año Nuevo				
7-Jul	REF	4	14	20
8-Jul	MPA	8	29	40
10-Jul	REF	1	37	58
11-Jul	MPA	17	82	64
July Total:		30	162	
4-Aug	MPA	12	57	59
5-Aug	REF	13	61	60
6-Aug	MPA	24	77	59
7-Aug	REF	8	60	59
August Total:		57	255	
1-Sep	REF	20	57	38
2-Sep	MPA	34	86	58
3-Sep	REF	25	64	60
4-Sep	MPA	29	110	60
September Total:		108	317	
Año Nuevo Total:		195	734	635
Point Lobos				
21-Jul	REF	94	145	40
22-Jul	MPA	31	67	18
23-Jul	REF	75	34	37
24-Jul	MPA	58	5	19
July Total:		258	251	
18-Aug	MPA	164	80	60
19-Aug	REF	58	92	59
20-Aug	MPA	116	59	60
21-Aug	REF	55	55	40
August Total:		393	286	
8-Sep	REF	47	55	40
9-Sep	MPA	45	50	38
10-Sep	REF	43	28	40
11-Sep	MPA	45	37	40
September Total:		180	170	
Point Lobos Total:		831	707	491

Date	Site	No. Fishes	No. Inverts.	No. Traps
Piedras Blancas				
11-Aug	MPA	53	31	60
11-Aug	REF	89	102	60
12-Aug	MPA	30	120	60
12-Aug	REF	56	114	60
August Total:		228	367	
14-Nov	MPA	49	98	60
14-Nov	REF	37	57	60
15-Nov	MPA	44	78	60
15-Nov	MPA	38	84	60
November Total:		168	317	
Piedras Blancas Total:		396	684	480
Cambria				
11-Jul	MPA	151	69	60
11-Jul	REF	94	60	60
12-Jul	MPA	44	40	60
12-Jul	REF	149	140	60
July Total:		438	309	
8-Sep	MPA	68	74	60
8-Sep	REF	101	24	60
9-Sep	MPA	174	98	60
9-Sep	REF	125	63	60
18-Sep	MPA	57	47	60
18-Sep	REF	33	76	40
19-Sep	MPA	116	67	60
20-Sep	REF	75	54	40
September Total:		749	503	
Cambria Total:		1187	812	680

Fish and Invertebrate Catch

Invertebrates:

Sea Stars: Blood, Bat, Giant Pink, Giant Spined, Leather, Short Spined, Sunflower

Crabs: Brown Rock, Cryptic Kelp, Dungeness, Northern Kelp, Red Rock, Slender, Sharpnose

Other: Snails, whelk, urchin



Bat Stars

Fishes:

Rockfishes: Black-and-Yellow, Blue, Brown, China, Copper, Gopher, Grass, Kelp, Treefish, Vermilion

Other: Cabezon, Kelp Greenling, Lingcod, Rainbow Seaperch, Striped Seaperch, Swell Shark, Wolf Eel



Black-and-Yellow Rockfish