## Otolith Targets 3 Year Aggregate vs Just 2022

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Table 1: Suggested otolith collections for 2023 CCFRP by species and CCFRP partner- 3 year aggregate

Common.Name	BML	HSU	MLML	Cal Poly	UCSB	SIO	Total
Black Rockfish	10	11	30	0	0	0	51
Black-and-Yellow Rockfish	11	0	7	0	0	0	18
Blue Rockfish	10	3	23	15	50	0	101
Brown Rockfish	31	0	20	0	5	0	56
Calico Rockfish	0	0	0	4	0	16	20
Canary Rockfish	28	20	3	0	0	0	51
China Rockfish	19	9	23	0	0	0	51
Copper Rockfish	21	15	6	9	50	0	101
Deacon Rockfish	38	13	1	0	0	0	52
Gopher Rockfish	10	1	23	18	33	5	90
Kelp Rockfish	0	0	11	17	7	5	40
Olive Rockfish	7	3	21	21	4	5	61
Quillback Rockfish	4	13	0	0	0	0	17
Rosy Rockfish	13	17	14	7	8	5	64
Treefish	0	0	4	7	19	9	39
Vermilion Rockfish	11	9	14	18	18	14	84
Yellowtail Rockfish	20	14	12	6	0	0	52
Honeycomb Rockfish	0	0	0	0	0	45	45
Starry Rockfish	0	0	0	0	4	0	4

Table 2: Suggested otolith collections for 2023 CCFRP by species and CCFRP partner using 2022 data

Common.Name	BML	HSU	MLML	Cal Poly	UCSB	SIO	Total
Black Rockfish	2	15	34	0	0	0	51
Black-and-Yellow Rockfish	14	0	0	0	0	0	14
Blue Rockfish	10	8	26	7	50	0	101
Brown Rockfish	24	0	27	0	5	5	61
Calico Rockfish	0	0	0	5	0	19	24
Canary Rockfish	27	20	5	0	0	0	52
China Rockfish	8	9	34	0	0	0	51
Copper Rockfish	15	18	8	12	50	0	103
Deacon Rockfish	39	12	0	0	0	0	51
Gopher Rockfish	7	1	27	17	34	7	93
Kelp Rockfish	0	0	12	14	0	4	30
Olive Rockfish	7	3	24	17	5	5	61
Quillback Rockfish	7	12	0	0	0	0	19
Rosy Rockfish	20	9	16	7	15	9	76
Treefish	0	0	7	7	26	14	54
Vermilion Rockfish	10	7	19	16	26	26	104
Yellowtail Rockfish	14	12	20	7	0	0	53
Honeycomb Rockfish	0	0	0	0	0	50	50
Starry Rockfish	0	0	0	0	7	5	12