

These data were collected for SK Grant NA16NMF4270254 between June 26, 2017, and June 15, 2018. The data include fish sampling within enclosure and fyke nets deployed within the East Bay region of North Humboldt Bay, California. Note that there are various worksheets within this Excel Spreadsheet, which describe the various control and treatment sites associated with the fish sampling. The data collected at each site is consistent and described under the "Project Data" section.

**Disclaimer:** These data and related items of information have not been formally disseminated by NOAA, and do not represent any agency determination, view, or policy.

**WORKSHEETS:**

Sheet Label	Description
Eelgrass_Control	Fish sampling results from the enclosure net deployed within the eelgrass without
Eelgrass_Culture	Fish sampling results from the enclosure net deployed within the eelgrass with culture
Mudflat_Control	Fish sampling results from the enclosure net deployed within the mudflat without
Mudflat_Culture	Fish sampling results from the enclosure net deployed within the mudflat with culture
Eelgrass_Control_Fyke	Fish sampling results from the fyke net deployed within the eelgrass without culture
Eelgrass_Culture_Fyke	Fish sampling results from the fyke net deployed within the eelgrass with culture

**PROJECT DATA:**

Category	Description	
	Sampling Date	Date of net deployment
	Family	Family taxonomic level associated with fish identification
Species	Scientific Name	Scientific name of the fish species, identified to the lowest taxonomic level possible
	Common Name	Common name for the fish species identified
Count (#)	Dead	Fish was dead when collected/released
	Alive	Fish was alive when collected/released
	Total	Total fish collected/released
Fork Length Measurements	Fork Length (mm)	Length of the fish to the fork in the tail (if present)
	AVE	Average fork length
Tail Length Measurements	Tail Length (mm)	Length of the fish to the end of the tail
	AVE	Average tail length

**PROJECT CONTACTS:**

**Project Manager**  
**Data Collection**

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SK Grant Fish Sampling Data - Eelgrass Culture Site - Fyke (EB 6-2)

Sampling Date	Family	Species		Count (#)			Fork Length Measurements																					
		Scientific Name	Common Name	Dead	Alive	Total	Fork Length (mm)																					
22-Aug-2017	Atherinidae	<i>Atherinops affinis</i>	Topsmelt	0	36	36	74	67	47	90	73	36	32	33	77	90	70	67	71	69	73	87	70	71	71	70	66.9	
22-Aug-2017	Batrachoididae	<i>Porichthys notartus</i>	Plainfin midshipman			0																						
22-Aug-2017	Clupeidae	<i>Clupea pallasii</i>	Pacific herring			0																						
22-Aug-2017	Cottidae	<i>Leptocottus armoratus</i>	Staghorn sculpin	0	1	1	NA																					
22-Aug-2017	Embiotocidae	<i>Cymatogaster aggregata</i>	Shiner surfperch	0	8	8	68	68	85	68	46	47	51	49													60.3	
22-Aug-2017	Embiotocidae	<i>Hyperprosopon argenteum</i>	Walleye surfperch	0	1	1	97																				97.0	
22-Aug-2017	Embiotocidae	<i>Hyperprosopon ellipticum</i>	Silver surfperch			0																						
22-Aug-2017	Embiotocidae	<i>Phanerodon furcatus</i>	White surfperch	0	1	1	98																				98.0	
22-Aug-2017	Engraulidae	<i>Engraulis mordax</i>	Northern anchovy	0	5	5	38	55	34	29	NM																39.0	
22-Aug-2017	Gobiidae	<i>Lepidogobius lepidus</i>	Bay goby	0	1	1	NA																					
22-Aug-2017	Pholidae	<i>Pholis ornata</i>	Saddleback gunnel			0																						
22-Aug-2017	Pleuronectidae	<i>Pleuronectes vetulus</i>	English sole			0																						
22-Aug-2017	Syngnathidae	<i>Syngnathus leptorhynchus</i>	Bay pipefish			0																						
4-Dec-2017	Atherinidae	<i>Atherinops affinis</i>	Topsmelt			0																						
4-Dec-2017	Batrachoididae	<i>Porichthys notartus</i>	Plainfin midshipman			0																						
4-Dec-2017	Clupeidae	<i>Clupea pallasii</i>	Pacific herring			0																						
4-Dec-2017	Cottidae	<i>Leptocottus armoratus</i>	Staghorn sculpin			0																						
4-Dec-2017	Embiotocidae	<i>Cymatogaster aggregata</i>	Shiner surfperch			0																						
4-Dec-2017	Embiotocidae	<i>Hyperprosopon argenteum</i>	Walleye surfperch			0																						
4-Dec-2017	Embiotocidae	<i>Hyperprosopon ellipticum</i>	Silver surfperch			0																						
4-Dec-2017	Embiotocidae	<i>Phanerodon furcatus</i>	White surfperch			0																						
4-Dec-2017	Engraulidae	<i>Engraulis mordax</i>	Northern anchovy			0																						
4-Dec-2017	Gobiidae	<i>Lepidogobius lepidus</i>	Bay goby			0																						
4-Dec-2017	Pholidae	<i>Pholis ornata</i>	Saddleback gunnel			0																						
4-Dec-2017	Pleuronectidae	<i>Pleuronectes vetulus</i>	English sole			0																						
4-Dec-2017	Syngnathidae	<i>Syngnathus leptorhynchus</i>	Bay pipefish	0	1	1	NR																					

NM = not measured but counted

NA = not applicable



The map below provides the sampling locations for the enclosure net sampling in North Humboldt Bay. Note that the fyke nets were sampled within the same region as the enclosure nets. Minnow traps and PTU sampling is described in the field report.

