

Nearshore Ecological Data Atlas: Dataset, Data Layer, Marxan Target Crosswalk Table

2/29/2012

This table relates Oregon Marine Map ecological data layers to the datasets or analyses from which they were derived, and to the targets used in the marxan analyses. The table also indicates which targets were used in each of the Marxan analysis types. The comprehensive Marxan analysis ("all targets" run) used all of the targets listed. This table is organized from the perspective of Marxan targets, not by the originating dataset layer.

SORT	Marine Map Category	Marxan ID	NEDA Unique ID	OMM Unique ID	Dataset or Analysis	Marine Map Layer Name	Marxan Target Name	Marxan Analysis	Marxan Analysis notes
1			HABITAT						
2	Physical	1	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mixed seafloor substrate between 0 - 30 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
3	Physical	2	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mixed seafloor substrate between 30 - 60 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
4	Physical	3	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mixed seafloor substrate between 60 - 200 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
5	Physical	4	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mixed seafloor substrate at depths greater than 700 meters	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
6	Physical	5	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mud seafloor substrate between 0 - 30 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
7	Physical	7	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mud seafloor substrate between 30-60 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
8	Physical	8	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mud seafloor substrate between 60-200 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
9	Physical	6	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Mud seafloor substrate between 200-700 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
10	Physical	14	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Sand seafloor substrate between 0 - 30 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
11	Physical	16	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Sand seafloor substrate between 30-60 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
12	Physical	17	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Sand seafloor substrate between 60-200 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
13	Physical	15	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Sand seafloor substrate between 200-700 meters of depth	Habitat	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
14	Physical	12	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 30 - 60 meters of depth (beyond TS)	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
15	Physical	13	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 60-200 meters of depth (beyond TS)	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
16	Physical	11	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 200 - 700 meters of depth (beyond TS)	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
17	Physical	9	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate at depths greater than 700 meters (beyond TS)	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
18	Physical	70	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 0 - 30 meters of depth, north coast	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
19	Physical	72	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 30 - 60 meters of depth, north coast	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
20	Physical	73	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 60 - 200 meters of depth, north coast	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
21	Physical	74	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 0 - 30 meters of depth, south coast	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
22	Physical	76	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 30 - 60 meters of depth, south coast	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
23	Physical	77	HA0300	1.010	OSU seafloor habitat map (v. 3.6.1)	Seafloor Habitat Classification (ATSML, 2011)	Rock seafloor substrate between 60 - 200 meters of depth, south coast	Habitat, Fish	v. 3.6 is shown in Marine Map; v. 3.6.1 was used in Marxan analysis
24	Ocean		HA0400	1.03	bathymetry 100m	Depth contours at 25 meter intervals (ATSML, 2008)	not a Marxan target		
25	Ocean		HA0500	1.04	shaded relief of bathy 100m	not in marine map	not a Marxan target		
26	Physical	18	HA0600	1.050	Rocky intertidal shoreline	Rocky Shoreline (ODFW, 2005)	Rocky Shorezone, north coast	Habitat	
27	Physical	19	HA0600	1.050	Rocky intertidal shoreline	Rocky Shoreline (ODFW, 2005)	Rocky Shorezone, south coast	Habitat	
28	Physical	126	HA0700	1.060	Sandy intertidal shoreline	Sandy Shoreline (ODFW, 2005)	Sandy Shorezone	Habitat	
29	Biology		HA0903	1.08	HAPC seagrass	Seagrass (PSMFC, 2004)	not a Marxan target		

SORT	Marine Map Category	Marxan ID	NEDA Unique ID	OMM Unique ID	Dataset or Analysis	Marine Map Layer Name	Marxan Target Name	Marxan Analysis	Marxan Analysis notes
30			OCEANOGRAPHIC						
31	Ocean	129	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a,< 0-0.5 mg/m^3 (within TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
32	Ocean	130	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 0.5-2 mg/m^3 (within TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
33	Ocean	131	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 2-10 mg/m^3 (within TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
34	Ocean	132	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 10-20 mg/m^3 (within TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
35	Ocean	133	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 20-50+ mg/m^3 (within TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
36	Ocean	150	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 0.5-2 mg/m^3 (beyond TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
37	Ocean	151	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 2-10 mg/m^3 (beyond TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
38	Ocean	152	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 10-20 mg/m^3 (beyond TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
39	Ocean	153	OC0100	2.010	Chlorophyll-a concentration (Jun-Sep, 1988-2005) - binned	Chlorophyll a Concentration (TNC, 2011)	chlorophyll-a, 20-50+ mg/m^3 (beyond TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
40	Ocean		OC0200	2.02	Chlorophyll a concentration (Jun-Sep, 1988-2005)-floating point		not a Marxan target		
41	Ocean	134	OC0300	2.030	Persistent upwelling areas (Jun-Aug, 1984-2004) - binned	Upwelling Persistence (TNC, 2011)	Upwelling, high persistence (within TS)	Habitat	
42	Ocean	135	OC0300	2.030	Persistent upwelling areas (Jun-Aug, 1984-2004) - binned	Upwelling Persistence (TNC, 2011)	Upwelling, high persistence (beyond TS)	Habitat	
43	Ocean	136	OC0300	2.030	Persistent upwelling areas (Jun-Aug, 1984-2004) - binned	Upwelling Persistence (TNC, 2011)	Upwelling, low persistence (within TS)	Habitat	
44	Ocean	137	OC0300	2.030	Persistent upwelling areas (Jun-Aug, 1984-2004) - binned	Upwelling Persistence (TNC, 2011)	Upwelling, low persistence (beyond TS)	Habitat	
45	Ocean		OC0400	2.040	Persistent upwelling areas (Jun-Aug, 1984-2004) - floating point		not a Marxan target		
46		138	OC0500	2.050	Near-bottom Dissolved Oxygen (July-Sep, 1950-1980)-binned	not in Marine Map	Dissolved oxygen, 0.5 - 1.4 ml/L (beyond TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
47		139	OC0500	2.050	Near-bottom Dissolved Oxygen (July-Sep, 1950-1980)-binned	not in Marine Map	Dissolved oxygen, 1.4 - 2.5 ml/L (within TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
48		140	OC0500	2.050	Near-bottom Dissolved Oxygen (July-Sep, 1950-1980)-binned	not in Marine Map	Dissolved oxygen, 1.4 - 2.5 ml/L (beyond TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
49		141	OC0500	2.050	Near-bottom Dissolved Oxygen (July-Sep, 1950-1980)-binned	not in Marine Map	Dissolved oxygen, >= 2.5 ml/L (within TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
50		142	OC0500	2.050	Near-bottom Dissolved Oxygen (July-Sep, 1950-1980)-binned	not in Marine Map	Dissolved oxygen, >= 2.5 ml/L (beyond TS)	Habitat	Continuous data shown in Marine Map; Binned data used in Marxan
51	Ocean		OC0600	2.060	Near-bottom Dissolved Oxygen (July-Sep, 1950-1980) -floating point	Dissolved Oxygen (PISCO, 2011)	not a Marxan target		
52	Ocean			2.100	Average summer sea surface temperature (Jun-Aug, 1984-2004)	Sea Surface Temperature Average (TNC, 2011)	not a Marxan target		
53		18	AL0100	3.010	Maximum canopy extent from composite of ODFW kelp surveys (1990, 1996-99, 2010)	not in marine map	Canopy kelp, north coast	Habitat	2010 kelp not included in Marine Map
54		19	AL0100	3.010	Maximum canopy extent from composite of ODFW kelp surveys (1990, 1996-99, 2010)	not in marine map	Canopy kelp, south coast	Habitat	2010 kelp not included in Marine Map
55	Biology				Maximum canopy extent from composite of ODFW kelp surveys (1990, 1996-99)	Kelp Canopy (ODFW, 2010)	not a Marxan target		
56	Biology			3.020	Dataset compiled by Pacific States Marine Fisheries Commission (2004)	Seagrass (PSMFC, 2004)	not a Marxan target		
57			FISH						
58		68	IN0100	4.010	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Dungeness crab (within TS)	Fish	
59		69	IN0100	4.010	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Dungeness crab (beyond TS)	Fish	
60	Biology		FI0500	5.010	Sampling locations of the NMFS and ODFW trawl surveys used in NOAA fish modeling	Sampling locations (ODFW, NMFS, 2011)	not a Marxan target		

SORT	Marine Map Category	Marxan ID	NEDA Unique ID	OMM Unique ID	Dataset or Analysis	Marine Map Layer Name	Marxan Target Name	Marxan Analysis	Marxan Analysis notes
61	Biology	54	FI0601	5.050	NOAA fish model output using NMFS and ODFW trawl surveys	Abundance (NOAA, 2011)	Species Count (within TS)	Fish	
62	Biology	63	FI0601	5.050	NOAA fish model output using NMFS and ODFW trawl surveys	Abundance (NOAA, 2011)	Species Count (beyond TS)	Fish	
63	Biology	66	FI0602	5.060	NOAA fish model output using NMFS and ODFW trawl surveys	Biomass (NOAA, 2011)	Biomass of all species (within TS)	Fish	
64	Biology	67	FI0602	5.060	NOAA fish model output using NMFS and ODFW trawl surveys	Biomass (NOAA, 2011)	Biomass of all species (beyond TS)	Fish	
65	Biology	53	FI0603	5.070	NOAA fish model output using NMFS and ODFW trawl surveys	Species Richness (NOAA, 2011)	Species Richness (within TS)	Fish	
66	Biology	62	FI0603	5.070	NOAA fish model output using NMFS and ODFW trawl surveys	Species Richness (NOAA, 2011)	Species Richness (beyond TS)	Fish	
67	Biology	64	FI0604	5.080	NOAA fish model output using NMFS and ODFW trawl surveys	Biomass for Nearshore Flatfish Species (NOAA, 2011)	Nearshore group biomass (within TS)	Fish	
68		30	FI0700	5.090	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Petrale Sole (within TS)	Fish	
69		57	FI0700	5.090	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Petrale Sole (beyond TS)	Fish	
70		25	FI0800	5.100	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Sand Sole (within TS)	Fish	
71		58	FI0800	5.100	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Sand Sole (beyond TS)	Fish	
72		26	FI0900	5.110	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Dover Sole (within TS)	Fish	
73		55	FI0900	5.110	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Dover Sole (beyond TS)	Fish	
74		22	FI1000	5.120	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Starry Flounder (within TS)	Fish	
75		59	FI1000	5.120	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Starry Flounder (beyond TS)	Fish	
76		20	FI1101	5.130	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Lingcod (within TS)	Fish	
77		56	FI1101	5.130	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Lingcod (beyond TS)	Fish	
78		60	FI1200	5.140	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Pacific Sanddab (within TS)	Fish	
79		61	FI1200	5.140	Modeled fish (or crab) presence using commercial fishery logbook data (TNC, 2011)	not in marine map (confidential data)	Pacific Sanddab (beyond TS)	Fish	
80	Biology		FI1300	5.160	Green Sturgeon ESA Critical Habitat (NOAA, 2009)	Green Sturgeon ESA Critical Estuary Habitat (NOAA, 2009)	not a Marxan target		
81	Biology		FI1500	5.160	Green Sturgeon ESA Critical Habitat (NOAA, 2009)	Green Sturgeon ESA Critical Marine Habitat (NOAA, 2009)	not a Marxan target		
82		78	FI1801	5.190	Estuary nursery habitat (proxy)	inclusion in marine map pending	Estuary Nursery Score (Columbia River)	Fish	
83		79	FI1801	5.190	Estuary nursery habitat (proxy)	inclusion in marine map pending	Estuary Nursery Score (South of Columbia River)	Fish	

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84		82	FI1802	5.200	Estuary watershed salmon importance ranking	inclusion in marine map pending	Salmon Rank 1	Fish	
85		83	FI1802	5.200	Estuary watershed salmon importance ranking	inclusion in marine map pending	Salmon Rank 2	Fish	
86		84	FI1802	5.200	Estuary watershed salmon importance ranking	inclusion in marine map pending	Salmon Rank 3	Fish	
87		85	FI1802	5.200	Estuary watershed salmon importance ranking	inclusion in marine map pending	Salmon Rank 4	Fish	
88		86	FI1802	5.200	Estuary watershed salmon importance ranking	inclusion in marine map pending	Salmon Rank 5	Fish	
89		80	FI1803	5.210	Estuary watershed non-salmonid fish ESA critical habitat score	inclusion in marine map pending	Estuary ESA Score (Columbia River)	Fish	
90		81	FI1803	5.210	Estuary watershed non-salmonid fish ESA critical habitat score	inclusion in marine map pending	Estuary ESA Score (South of Columbia River)	Fish	
91	Biology			5.220	Oregon Coast Coho Salmon ESA Critical Habitat	Oregon Coast Coho Salmon Critical Habitat (NMFS, 2008)	not a Marxan target		
92			SEABIRDS						
93	Biology		SE0200	6.010	Seabird nesting colony data	Oregon Seabird Colony Locations (USFWS, 2008)	not a Marxan target		
94	Biology	37	SE0300	6.020	USFWS Seabird nesting colony data	Colony Relative Importance (USFWS, 2011)	Seabird Nesting Colonies (Priority 1), north coast	Seabird	
95	Biology	38	SE0300	6.020	USFWS Seabird nesting colony data	Colony Relative Importance (USFWS, 2011)	Seabird Nesting Colonies (Priority 2), north coast	Seabird	
96	Biology	39	SE0300	6.020	USFWS Seabird nesting colony data	Colony Relative Importance (USFWS, 2011)	Seabird Nesting Colonies (Priority 3), north coast	Seabird	
97	Biology	123	SE0300	6.020	USFWS Seabird nesting colony data	Colony Relative Importance (USFWS, 2011)	Seabird Nesting Colonies (Priority 1), south coast	Seabird	
98	Biology	124	SE0300	6.020	USFWS Seabird nesting colony data	Colony Relative Importance (USFWS, 2011)	Seabird Nesting Colonies (Priority 2), south coast	Seabird	
99	Biology	125	SE0300	6.020	USFWS Seabird nesting colony data	Colony Relative Importance (USFWS, 2011)	Seabird Nesting Colonies (Priority 3), south coast	Seabird	
100	Biology		SE0400	6.06	Point Reyes Bird Observatory modeled seabird abundance - top 2.5%- binary	Standardized Abundance	not a Marxan target		Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
101	Biology		SE0600	6.07	Point Reyes Bird Observatory modeled seabird abundance - top 2.5%- binary	Persistence	not a Marxan target		Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
102	Biology		SE0800	6.08	Point Reyes Bird Observatory modeled seabird abundance - top 2.5%- binary	Importance	not a Marxan target		Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
103		50	SE0500	6.06	Point Reyes Bird Observatory modeled seabird abundance - continuous	Standardized Abundance	Seabird foraging abundance (beyond TS)	Seabird	Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
104		51	SE0700	6.07	Point Reyes Bird Observatory modeled seabird abundance - continuous	Persistence	Seabird foraging persistence (beyond TS)	Seabird	Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
105		52	SE0900	6.08	Point Reyes Bird Observatory modeled seabird abundance - continuous	Importance	Seabird foraging importance (beyond TS)	Seabird	Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
106		89	SE1000	6.09	Point Reyes Bird Observatory modeled seabird abundance	inclusion in marine map pending	Sooty Shearwater (beyond TS)	Seabird	Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
107		88	SE1100	6.1	Point Reyes Bird Observatory modeled seabird abundance	inclusion in marine map pending	Common Murre (beyond TS)	Seabird	Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
108		87	SE1200	6.11	Point Reyes Bird Observatory modeled seabird abundance	inclusion in marine map pending	Brandt's Cormorant (beyond TS)	Seabird	Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan
109		90	SE1300	6.12	Point Reyes Bird Observatory modeled seabird abundance	inclusion in marine map pending	Black-footed Albatross (beyond TS)	Seabird	Binned data (top 2.5% only) shown in Marine Map; Continuous data used in Marxan

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110	Biology	45	SE1901	6.130	Crescent Coastal Research nearshore seabird surveys	Seabird Abundance	Seabird Density, north coast	Seabird	
111	Biology	148	SE1901	6.130	Crescent Coastal Research nearshore seabird surveys	Seabird Abundance	Seabird Density, south coast	Seabird	
112	Biology	46	SE1902	6.140	Crescent Coastal Research nearshore seabird surveys	Seabird Species Diversity	Seabird Diversity Index, north coast	Seabird	
113	Biology	149	SE1902	6.140	Crescent Coastal Research nearshore seabird surveys	Seabird Species Diversity	Seabird Diversity Index, south coast	Seabird	
114	Biology	41	SE1903	6.150	Crescent Coastal Research nearshore seabird surveys	Common Murre Abundance	Common Murre, north coast	Seabird	title should say DENSITY, not ABUNDANCE
115	Biology	144	SE1903	6.150	Crescent Coastal Research nearshore seabird surveys	Common Murre Abundance	Common Murre, south coast	Seabird	title should say DENSITY, not ABUNDANCE
116	Biology	40	SE1904	6.160	Crescent Coastal Research nearshore seabird surveys	Brandt's Cormorant Density	Brandt's Cormorant, north coast	Seabird	
114	Biology	143	SE1904	6.160	Crescent Coastal Research nearshore seabird surveys	Brandt's Cormorant Density	Brandt's Cormorant, south coast	Seabird	
118	Biology	43	SE1906	6.170	Crescent Coastal Research nearshore seabird surveys	Marbled Murrelet Abundance	Marbled Murrelet, north coast	Seabird	title should say DENSITY, not ABUNDANCE
119	Biology	146	SE1906	6.170	Crescent Coastal Research nearshore seabird surveys	Marbled Murrelet Abundance	Marbled Murrelet, south coast	Seabird	title should say DENSITY, not ABUNDANCE
120	Biology	42	SE1907	6.180	Crescent Coastal Research nearshore seabird surveys	Loons and Grebes Combined Abundance	Loons and Grebes, north coast	Seabird	title should say DENSITY, not ABUNDANCE
121	Biology	145	SE1907	6.180	Crescent Coastal Research nearshore seabird surveys	Loons and Grebes Combined Abundance	Loons and Grebes, south coast	Seabird	title should say DENSITY, not ABUNDANCE
122	Biology	21	SE2000	6.190	Western Snowy Plover ESA Critical Habitat (USFWS, 2005)	Western Snowy Plover ESA Critical Habitat (USFWS, 2005)	Western Snowy Plover, critical habitat	Seabird	
123	Biology			6.240	Marbled Murrelet ESA Critical Habitat	Marbled Murrelet ESA Critical Habitat (USFWS, 2006)	not a Marxan target		
124			MARINE MAMMALS						
125	Biology	111	MA0101	7.010	ODFW pinniped haulout locations and counts	Pacific Harbor Seal	Harbor Seal Haulout (<10 animals)	Mammals	
126	Biology	112	MA0101	7.010	ODFW pinniped haulout locations and counts	Pacific Harbor Seal	Harbor Seal Haulout (10 -100 animals)	Mammals	
127	Biology	113	MA0101	7.010	ODFW pinniped haulout locations and counts	Pacific Harbor Seal	Harbor Seal Haulout (100 - 500 animals)	Mammals	
128	Biology	114	MA0101	7.010	ODFW pinniped haulout locations and counts	Pacific Harbor Seal	Harbor Seal Haulout (> 500 animals)	Mammals	
129	Biology	122	MA0102	7.020	ODFW pinniped haulout locations and counts	Northern Elephant Seal	Northern Elephant Seal Haulout (10 -100 animals)	Mammals	
130	Biology	115	MA0103	7.030	ODFW pinniped haulout locations and counts	Steller sea lion	Steller Sea lion Haulout (10 -100 animals)	Mammals	
131	Biology	116	MA0103	7.030	ODFW pinniped haulout locations and counts	Steller sea lion	Steller Sea lion Haulout (100 - 500 animals)	Mammals	
132	Biology	117	MA0103	7.030	ODFW pinniped haulout locations and counts	Steller sea lion	Steller Sea lion Haulout (> 500 animals)	Mammals	
133	Biology	118	MA0105	7.040	ODFW pinniped haulout locations and counts	California sea lion	California Sea Lion Haulout (<10 animals)	Mammals	
134	Biology	119	MA0105	7.040	ODFW pinniped haulout locations and counts	California sea lion	California Sea Lion Haulout (10 -100 animals)	Mammals	
135	Biology	120	MA0105	7.040	ODFW pinniped haulout locations and counts	California sea lion	California Sea Lion Haulout (100 - 500 animals)	Mammals	
136	Biology	121	MA0105	7.040	ODFW pinniped haulout locations and counts	California sea lion	California Sea Lion Haulout (> 500 animals)	Mammals	
137	Biology	27	MA0200	7.050	Stellar Sea Lion ESA Critical Habitat (NOAA, 2008)	Stellar Sea Lion ESA Critical Habitat (NOAA, 2008)	Stellar Sea lion, critical habitat	Mammals	
138	Biology	92	MA0301	7.060	Crescent Coastal Research nearshore seabird surveys	Harbor Porpoise (relative abundance)	Harbor Porpoise (within TS)	Mammals	

SORT	Marine Map Category	Marxan ID	NEDA Unique ID	OMM Unique ID	Dataset or Analysis	Marine Map Layer Name	Marxan Target Name	Marxan Analysis	Marxan Analysis notes
139	Biology	93	MA0502	7.070	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Blue whale	Blue Whales (within TS)	Mammals	
140	Biology	102	MA0502	7.070	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Blue whale	Blue Whales (beyond TS)	Mammals	
141	Biology	98	MA0502	7.080	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Humpback whale	Humpback Whale (within TS)	Mammals	
142	Biology	107	MA0502	7.080	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Humpback whale	Humpback Whale (beyond TS)	Mammals	
143	Biology	100	MA0502	7.090	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Sperm whale	Sperm Whale (within TS)	Mammals	
144	Biology	109	MA0502	7.090	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Sperm whale	Sperm Whale (beyond TS)	Mammals	
145	Biology	94	MA0502	7.100	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Fin whale	Fin Whale (within TS)	Mammals	
146	Biology	103	MA0502	7.100	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Fin whale	Fin Whale (beyond TS)	Mammals	
147	Biology	101	MA0502	7.110	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Berardius Whale	Berardius whales (within TS)	Mammals	
148	Biology	110	MA0502	7.110	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Berardius Whale	Berardius whales (beyond TS)	Mammals	
149	Biology	95	MA0502	7.130	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Risso's dolphin	Risso's Dolphin (within TS)	Mammals	
150	Biology	104	MA0502	7.130	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Risso's dolphin	Risso's Dolphin (beyond TS)	Mammals	
151	Biology	97	MA0502	7.140	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Pacific White-Sided Dolphin	Pacific White-sided Dolphin (within TS)	Mammals	
152	Biology	106	MA0502	7.140	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Pacific White-Sided Dolphin	Pacific White-sided Dolphin	Mammals	
153	Biology	96	MA0502	7.150	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Northern Right Whale Dolphin	Northern Right Whale Dolphin (within TS)	Mammals	
154	Biology	105	MA0502	7.150	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Northern Right Whale Dolphin	Northern Right Whale Dolphin (beyond TS)	Mammals	
155	Biology	99	MA0502	7.160	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Dall's porpoise	Dall's Porpoise (within TS)	Mammals	
156	Biology	108	MA0502	7.160	NOAA_SWFSC predictive model of cetacean densities in the eastern Pacific Ocean	Dall's porpoise	Dall's Porpoise (beyond TS)	Mammals	
157	Biology		MA0600	7.170	Gray Whale observation data developed by OSU Marine Mammal Institute	Gray Whale Migration Pathway (OSU/MMI, 2008)	not a Marxan target		
158	Biology	91	MA0700	7.180	Crescent Coastal Research nearshore seabird surveys	Gray Whale Pacific Coast Feeding Group (Summer Residents)	Gray Whale (within TS)	Mammals	
159			OTHER SPECIES						
160	Biology		OT0100	8.010	Leatherback Sea Turtle Proposed ESA Critical Habitat – Area 2 (NMFS, 2010)	Leatherback Sea Turtle Proposed ESA Critical Habitat – Area 2 (NMFS, 2010)	not a Marxan target		
161			MARXAN OUTPUTS						
162	Biology		MX0101	10.01	Marxan analysis results by ecological group: seabirds, fish, marine mammal, marine habitat and comprehensive	Ecological Analysis using Marxan (TNC, ODFW, 2011) Seabirds	Au_NEDA	Marxan Output	
163	Biology		MX0102	10.02	Marxan analysis results by ecological group: seabirds, fish, marine mammal, marine habitat and comprehensive	Ecological Analysis using Marxan (TNC, ODFW, 2011) Fish	Au_NEDA	Marxan Output	
164	Biology		MX0103	10.03	Marxan analysis results by ecological group: seabirds, fish, marine mammal, marine habitat and comprehensive	Ecological Analysis using Marxan (TNC, ODFW, 2011) Marine Mammals	Au_NEDA	Marxan Output	
165	Biology		MX0104	10.04	Marxan analysis results by ecological group: seabirds, fish, marine mammal, marine habitat and comprehensive	Ecological Analysis using Marxan (TNC, ODFW, 2011) Marine Habitat	Au_NEDA	Marxan Output	
166	Biology		MX0105	10.07	Marxan analysis results by ecological group: seabirds, fish, marine mammal, marine habitat and comprehensive	Ecological Analysis using Marxan (TNC, ODFW, 2011) Composite	Au_NEDA	Marxan Output	