



Research and Monitoring

MBNMS Site Characterization

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[Biological Communities: Kelp Forest and Rocky Subtidal Habitats](#)

Kelp Forest and Rocky Subtidal Habitats Table 1

Common species of MBNMS kelp forests.

Algae

Brown (Phaeophyta)	Red (Rhodophyta)	Green (Chlorophyta)
<i>Costaria costata</i>	<i>Bossiella californica</i>	<i>Cladophora microcladioides</i>
<i>Cystoseira osmundacea</i>	<i>Botryocladia pseudodichotoma</i>	<i>Derbesia marina</i>
<i>Desmarestia ligulata</i>	<i>Calliarthron</i> spp.	<i>Enteromorpha</i> spp.
<i>Dictyoneuropsis reticulata</i>	<i>Callophyllis</i> spp.	
<i>Dictyoneurum californicum</i>	<i>Corallina</i> spp.	
<i>Dictyota cribosea</i>	<i>Cryptopleura farlowiana</i>	
<i>Egregia menziesii</i>	<i>Faucheia laciniata</i>	
<i>Eisenia arborea</i>	<i>Fryeella gardneri</i>	
<i>Laminaria</i> spp.	<i>Gastroclonium coulteri</i>	
<i>Macrocystis pyrifera</i>	<i>Gelidium</i> spp.	
<i>Nereocystis leutkeana</i>	<i>Gigartina</i> spp.	
<i>Pterygophora californica</i>	<i>Halymenia</i> spp.	
	<i>Laurencia</i> spp.	
	<i>Lithophyllum</i> spp.	
	<i>Lithothamnion</i> spp.	
	<i>Opuntia californica</i>	
	<i>Pikea californica</i>	
	<i>Plocamium cartilagineum</i>	
	<i>Polysiphonia</i> spp.	
	<i>Prionitis lanceolata</i>	
	<i>Rhodomenia</i> spp.	
	<i>Weeksia reticulata</i>	

Invertebrates

Echinoderms	Molluscs	Crustaceans	Ascidians	Sponges	Cnidarians	Bryozoans
<i>Asterina miniata</i>	<i>Anisidoris nobilis</i>	<i>Balanus</i> spp.	<i>Aplidium californicum</i>	<i>Acarnus erithacus</i>	<i>Agalophenia</i> spp.	<i>Diaperoecia californica</i>
<i>Dermasterias imbricata</i>	<i>Aplysia californica</i>	<i>Cancer</i> spp.	<i>Clavelina huntsmani</i>	<i>Cliona</i> spp.	<i>Anthopleura</i> spp.	<i>Hippodiplosia insculpta</i>
<i>Henricia leviscula</i>	<i>Astrea gibberosa</i>	<i>Loxorhynchus crispatus</i>	<i>Styella montereyensis</i>	<i>Hymenamphistracanthocrypta</i>	<i>Astrangia lajollensis</i>	<i>Membranipora tuberculata</i>
<i>Mediaster aequalis</i>	<i>Calliostoma</i> spp.	<i>Pagurus hemphillii</i>	<i>Styletta clarella</i>		<i>Balanophyllia elegans</i>	<i>Phidolopora pacifica</i>
<i>Orthasterias koehleri</i>	<i>Cypraea spadicea</i>	<i>Pugettia richii</i>	<i>Tethya aurantia</i>		<i>Corynactis californica</i>	<i>Stylaster</i> spp.
<i>Pisaster</i> spp.	<i>Cryptochiton stelleri</i>	<i>Scyra acutifrons</i>			<i>Metridium senile</i>	<i>Thalamoporella californica</i>
<i>Pychnopodia helianthoides</i>	<i>Hermessenda (Phidiana)</i>				<i>Paracyathus stearnsi</i>	
<i>Strongylocentrotus</i> spp.	<i>Mitra idae</i>				<i>Stylaster californica</i>	
	<i>Navanax inermus</i>				<i>Urticina</i> spp.	
	<i>Octopus</i> spp.					
	<i>Navanax inermus</i>					

	<i>Tegula spp.</i>					
	<i>Tonicella lineata</i>					

Vertebrates

Fish	Mammals	Birds
<i>Brachyistius frenatus</i>	<i>Enhydra lutris</i>	<i>Aechmophorus occidentalis</i>
<i>Chromis punctipinnis</i>	<i>Phoca vitulina</i>	<i>Ardea herodias</i>
<i>Coryphopterus nicholsii</i>	<i>Eschrichtius robustus</i>	<i>Arenaria spp.</i>
<i>Embiotoca spp</i>	<i>Zalophus californianus</i>	<i>Calidris alba</i>
<i>Girella nigricans</i>		<i>Catoptrophorus semipalmatus</i>
<i>Heterostichus rostratus</i>		<i>Cephus columba</i>
<i>Hexagrammus decagrammus</i>		<i>Corvus brachyrhynchos</i>
<i>Hypsopus caryi</i>		<i>Dendrioca coronata</i>
<i>Myllobatis californica</i>		<i>Gavia immer</i>
<i>Ophiodon elongatus</i>		<i>Heteroscelus incanus</i>
<i>Orthanopias triacis</i>		<i>Larus spp.</i>
<i>Oxyjulis californica</i>		<i>Leucophoyx thula</i>
<i>Rhacochilus toxotes</i>		<i>Lobipes lobatus</i>
<i>Scorpaenichthys marmoratus</i>		<i>Melanitta perspicillata</i>
<i>Sebastes spp.</i>		<i>Pelicanus occidentalis</i>
<i>Semicossyphus pulcher</i>		<i>Phalacrocorax spp.</i>
		<i>Phalaropus fulicarius</i>
		<i>Podiceps spp.</i>
		<i>Sayarnis nigricans</i>
		<i>Sturnus vulgaris</i>
		<i>Thalasseus elegans</i>
		<i>Uria aalge</i>

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