

COMPLETE LIST OF MARINE AND SHORELINE SPECIES 2012-2016 BIOBLITZ VASHON ISLAND

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Marine algae

Number	Scientific name	Common name	Notes	BB year	Location
1	<i>Laminaria saccharina</i>	sugar kelp			2013 SH
2	<i>Acrosiphonia</i> sp.	green rope			2015 M
3	<i>Alga</i> sp.	filamentous brown algae	unknown unique		2013 SH
4	<i>Callophyllis</i> spp.	beautiful leaf seaweeds			2012 NP
5	<i>Ceramium pacificum</i>	hairy pottery seaweed			2015 M
6	<i>Chondracanthus exasperatus</i>	turkish towel		2012, 2013, 2014	NP, SH, CH
7	<i>Colpomenia bullosa</i>	oyster thief			2012 NP
8	<i>Corallinales unknown</i> sp.	crustous coralline			2012 NP
9	<i>Costaria costata</i>	seersucker		2012, 2014, 2015	NP, CH, M
10	<i>Cyanoobacteria</i> sp.	black slime blue-green algae			2015 M
11	<i>Desmarestia ligulata</i>	broad acid weed			2012 NP
12	<i>Desmarestia ligulata</i>	flattened acid kelp			2015 M
13	<i>Desmarestia aculeata (viridis)</i>	witch's hair		2012, 2015, 2016	NP, M, J
14	<i>Endoclaydia muricata</i>	algae			2016 J
15	<i>Enteromorpha intestinalis</i>	gutweed			2016 J
16	<i>Fucus distichus</i>	rockweed		2014, 2016	CH, J
17	<i>Fucus gardneri</i>	rockweed		2012, 2015	NP, M
18	<i>Gracilaria/Gracilariopsis</i>	red spaghetti		2012, 2014, 2015	NP, CH, M
19	<i>Hildenbrandia</i> sp.	rusty rock red algae		2013, 2015	SH, M
20	<i>Laminaria saccharina</i>	sugar wrack kelp		2012, 2015	NP, M
21	<i>Laminaria stechelli</i>	sugar wrack kelp			2012 NP
22	<i>Mastocarpus papillatus</i>	Turkish washcloth		2012, 2013, 2014, 2015	NP, SH, CH, M
23	<i>Mazzaella splendens</i>	iridescent seaweed		2012, 2014	NP, CH
24	<i>Nereocystis luetkeana</i>	bull kelp		2012, 2014	NP, CH
25	<i>Polysiphonous</i> spp.	filamentous red			2015 M
26	<i>Porphyra</i> sp.	nori (laver)		2012, 2013, 2015	NP, SH, M
27	<i>Prionitis lyallii</i>	broad iodine seaweed			2015 M
28	<i>Saccharina latissima</i>	sugar kelp		2012, 2014	NP, CH
29	<i>Sarcodiotheca gaudichaudii</i>	sea noodles		2012, 2014, 2015, 2016	NP, CH, M, J
30	<i>Sargassum muticum</i>	sargassum		2012, 2014, 2015	NP, CH, M
31	<i>Sparlingia pertusa</i>	red eyelet silk			2013 SH
32	<i>Ulva intestinalis</i>	sea lettuce		2014, 2015, 2016	CH, M, J
33	<i>Ulva lactuca</i>	sea lettuce		2012-2016	ALL
34	<i>Ulva linza</i>	flat tube sea lettuce			2015 M
35	<i>Ulva</i> sp.	sea lettuce sp.	unique		2015 M
36	<i>Unknown</i> sp.	filamentous red seaweed sp.	unique		2012 NP

Sponges

Number	Scientific name	Common name	Notes	BB year	Location
36	<i>Halichondria panacea</i>	yellow green encrusting sponge			2012 NP
37	<i>Haliclona permollis</i>	purple sponge		2015, 2016	M, J
38	<i>Suberites</i> sp.	sea sponge			2016 J

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Anemones and jellies					
Number	Scientific name	Common name	Notes	BB year	Location
39	<i>Aequorea sp. 1</i>	water jelly		2014, 2015	CH, M
40	<i>Aequorea sp. 2</i>	many ribbed hydromedusa		2012	NP
41	<i>Aequorea victoria</i>	crystal jelly		2015	M
42	<i>Anthopleura elegantissima</i>	aggregating anemone		2012-2016	ALL
43	<i>Anthopleura artemisia</i>	moonglow anemone		2015	M
44	<i>Aurelia labiata</i>	moon jelly		2014, 2015	CH, M
45	<i>Beroe sp. 2</i>		originally thought Mnemiopsis spp. but expert ID of photo was Beroe	2015	M
46	<i>Beroe sp.1</i>	translucent comb jelly		2015	M
47	<i>Bolinopsis infundibulum</i>	lobed comb jelly		2015	M
48	<i>Clytia gregarium</i>	gregarious jelly		2015	M
49	<i>Comb jelly sp.-Ml</i>	comb jelly (big sp.)		2015	M
50	<i>Epiactis prolifera</i>	brooding anemone		2013, 2014	SH, CH
51	<i>Eutonina indicans</i>	bell jelly		2015	M
52	<i>Haliplanella lineata</i>	lined anemone		2015, 2016	M, J
53	<i>Metridium farcimen</i>	giant plumose anemone		2012, 2015	NP, M
54	<i>Metridium senile</i>	short plumose anemone		2012, 2014, 2015, 2016	NP, CH, M, J
55	<i>Mitrocoma cellularia</i>	cross jellyfish		2012, 2015	NP, M
56	<i>Obelia sp.</i>	hydroid colonies	wine-glass	2015	M
57	<i>Phacellophora camtschatica</i>	egg yolk jelly		2014, 2015, 2016	CH, M, J
58	<i>Pleurobrachia bachei</i>	sea gooseberry		2015	M
59	<i>Polyorchis penicallatus</i>	red-eye medusa	bell jelly type 2	2015	M
60	<i>Sarsia sp.-Ml</i>	rocketship jelly		2015	M
61	<i>Turritopsis dohrni</i>	hydrozoan jelly		2015	M

Worms					
Number	Scientific name	Common name	Notes	BB year	Location
61	<i>Abarenicola pacifica</i>	lugworm	castings	2013, 2014	SH, CH
62	<i>Arctonoe pulchra</i>	red commensal scaleworm		2012, 2014	NP, CH
63	<i>Bankia setacea</i>	feathery shipworm		2012	NP
64	<i>Chaetognath sp.</i>	arrow-worm	bristle jaws	2015	M
65	<i>Chaetopteridae sp. 1</i>			2012	NP
66	<i>Chaetopteridae sp. 2</i>	parchment tube worm sp.		2015	M
67	<i>Cirratulus sp.</i>	intertidal filament- worm		2015	M
68	<i>Dodecaceria fewkesi</i>	fringed filament-worm	tube honeycomb	2015	M
69	<i>Emplectonema gracile</i>	green ribbon worm		2015	M
70	<i>Eudistylia vancouveri</i>	Pacific feather duster worm		2012, 2013, 2016	NP, SH, J
71	<i>Eupolynia heterobranchia</i>	brown intertidal spaghetti worm		2012	NP
72	<i>flatworm sp 1</i>	flatworm sp.		2015	M
73	<i>Glyseridae sp.</i>	bloodworms		2015	M
74	<i>Halosydna brevisetosa</i>	eighteen-scaled worm		2015	M
75	<i>Hesionidae sp.</i>	Princess of Troy		2015	M
76	<i>Lumbrineridae sp.</i>	lumbrinerid		2015	M
77	<i>Maldanidae sp.</i>	bamboo worm tube		2012, 2015, 2016	NP, M, J
78	<i>Micrura verrilli</i>	purple ribbon worm		2014	CH
79	<i>Nematode sp A unknown</i>	unidentified nematode		2012	NP
80	<i>Nematode sp B unknown</i>	unidentified nematode		2012	NP

Number	Scientific name	Common name	Notes	BB year	Location
81	<i>Nemertean</i>	ribbon worm		2016	J
82	<i>Nephtyidae sp unknown</i>	worm unknown		2012	NP
83	<i>Nephtys sp.</i>	goddess-worm		2014	CH
84	<i>Nereididae sp.</i>	sea nymph sp.		2012, 2015, 2016	NP, M, J
85	<i>Notoplana sanguinea</i>	saddleback flatworm		2015	M
86	<i>Oweniidae sp.</i>	spindle-shaped tubeworm		2015	M
87	<i>Pectinaria granulata</i>	tusk coneworm		2014	CH
88	<i>Polychete worm sp. 1</i>		green polychete worm with egg mass	2012	NP
89	<i>Polynoidae sp.1</i>	scaleworm		2015	M
90	<i>Serpula columbiana</i>	red-trumpet calcareous tubeworm		2012, 2015	NP, M
91	<i>Spiochaetopterus costarum</i>	jointed three section tubeworm		2012, 2015	NP, M
92	<i>Stylochus californiensis</i>	California flatworm		2014	CH
93	<i>Terebellidae sp.</i>	spaghetti worm		2014	CH
94	<i>Tubulanus polymorphus</i>	orange ribbon worm		2014, 2015	CH, M
95		tubeworm sp unknown	unique	2012	NP

Molluscs

Number	Scientific name	Common name	Notes	BB year	Location
96	<i>Littorina scutulata</i>	checkered periwinkle			2013 SH
97	<i>Nassarius mendicus</i>	Western lean nassa			2014 CH
98	<i>Odostomia sp.</i>				2014 CH
99	<i>Symola sp.</i>				2014 CH
100	<i>Aglaja ocelligera</i>	spotted aglajid			2012 NP
101	<i>Alia carinata</i>	carinate dovesnail		2012, 2015	NP, M
102	<i>Anisadoris nobilis</i>	sea lemon			2012 NP
103	<i>Armina californica</i>	striped nudibranch			2014 CH
104	<i>Batillaria cuminga</i>	mudflat snail			2014 CH
105	<i>Bittium eschrichtii</i>	threaded bittium			2012 NP
106	<i>Calliostoma ligatum</i>	blue topsnail		2013, 2014	SH, CH
107	<i>Clinocardium nuttalli</i>	Nuttall's cockle		2012-2016	ALL
108	<i>Crassostrea gigas</i>	Pacific oyster		2014, 2016	CH, J
109	<i>Crepidula nummaria</i>	slipper snail	northern white?		2015 M
110	<i>Diplodonta orbellus</i>				2014 CH
111	<i>Eubbranchus rupium</i>	rocky aeolid			2015 M
112	<i>Euspira lewisii</i>	moonsnail		2012-2016	ALL
113	<i>Haminoea vesicular</i>	white bubble shell			2015 M
114	<i>Hermisrenda crassicornis</i>	opalescent nudibranch		2012, 2013, 2014, 2015	NP, SH, CH, M
115	<i>Hiatella arctica</i>	Arctic nestler		2012, 2015	NP, M
116	<i>Kurtziella crebricostata</i>				2014 CH
117	<i>Lacuna sp unknown</i>	different than wide lacuna			2012
118	<i>Lacuna vincta</i>	wide lacuna		2012, 2014, 2015	NP, CH, M
119	<i>Leukoma staminea</i>	native littleneck			2013 SH
120	<i>Lirabucchinum dirum</i>	dire whelk			2015 M
121	<i>Littorina scutulata</i>	checkered periwinkle		2012, 2014, 2015, 2016	NP, CH, M, J
122	<i>Littorina sitkana</i>	Sitka periwinkle		2013, 2014	SH, CH
123	<i>Loligo opalescens</i>	opalescent squid			2015 M
124	<i>Lottia digitalis</i>	finger limpet		2012, 2015, 2016	NP, M, J
125	<i>Lottia pelta</i>	sheild limpet		2012-2016	ALL

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126	<i>Lucinoma annulatum</i>	ringed lucine		2014	CH
127	<i>Lyonsia californica</i>	lyonsia		2014	CH
128	<i>Macoma balthica</i>	Baltic macoma		2013, 2014, 2015, 2016	SH, CH, M, J
129	<i>Macoma inquinata</i>	pointed macoma		2012, 2014, 2016	NP, CH, J
130	<i>Macoma nasuta</i>	bentnose macoma		2012-2016	ALL
131	<i>Macoma oblique</i>	oblique macoma		2014	CH
132	<i>Macoma secta</i>	white-sand macoma		2014	CH
133	<i>Mitrella gouldi</i>			2014	CH
134	<i>Mopalia lignosa</i>	woody chiton		2012, 2014, 2015	NP, CH, M
135	<i>Mopalia muscosa</i>	mossy chiton		2012, 2014	NP, CH
136	<i>Mya arenaia</i>	softshelled clam		2012, 2014, 2015, 2016	NP, CH, M, J
137	<i>Mytilus trossulus</i>	Pacific blue mussel		2012, 2014, 2015, 2016	NP, CH, M, J
138	<i>Nassarius mendicus</i>	Western lean nasa		2012, 2015, 2016	NP, M, J
139	<i>Nucella canaliculata</i>	channeled whelk		2012	NP
140	<i>Nucella lamellosa</i>	frilled dogwinkle		2012, 2014, 2015	NP, CH, M
141	<i>Nucella lima</i>	file dogwinkle		2012	NP
142	<i>Nucella ostrina</i>	striped dogwinkle		2014, 2015	CH, M
143	<i>Nuttallia obscurata</i>	purple varnish clam		2013, 2015, 2016	SH, M, J
144	<i>Octopus rubescens</i>	Pacific red octopus		2014	CH
145	<i>Odostomia sp unknown</i>	snail		2012	NP
146	<i>Olivella sp.</i>	olive sp.		2015	M
147	<i>Onchidoris bilamellata</i>	barnacle-eating dorids		2015	M
148	<i>Panopea abrupta</i>	Pacific geoduck		2012, 2013	NP, SH
149	<i>Pododesmus macrochisma</i>	green false-jingle		2012, 2015	NP, M
150	<i>Protothaca staminea</i>	Pacific littleneck		2012, 2014, 2015, 2016	NP, CH, M, J
151	<i>Saxidomus gigantea</i>	butter clam		2012, 2014, 2015, 2016	NP, CH, M, J
152	<i>Solen sicarius</i>	jackknife clam		2012, 2014, 2015	NP, CH, M
153	<i>Tectura persona</i>	mask limpet		2012-2016	ALL
154	<i>Tectura scutum</i>	plate limpet		2012, 2014, 2015	NP, CH, M
155	<i>Tegula funebris</i>	turbined snail		2013	SH
156	<i>Tellina carpenteri</i>	carpenter tellina		2014	CH
157	<i>Tellina modesta</i>	modest tellin		2012, 2014	NP, CH
158	<i>Tonicella lineata</i>	lined chiton		2012, 2014, 2015	NP, CH, M
159	<i>Tonicella undocaerulea</i>	blue-line chiton		2014	CH
160	<i>Tresus capax</i>	fat gaper clam		2012, 2014, 2015, 2016	NP, CH, M, J
161	<i>Tresus nuttalli</i>	Pacific gaper	horse clam	2015	M
162	<i>Turbonilla sp.</i>			2014	CH
163	<i>Venerupis philippinarum</i>	manila littleneck		2016	J
164	<i>Zirfaea pilsbryi</i>	rough piddock		2012	NP

Bryozoans and Brachiopods

Number	Scientific name	Common name	Notes	BB year	Location
165	Bryozoan sp. 1			2012	NP

Arachnids

Number	Scientific name	Common name	Notes	BB year	Location
166	<i>Neomulgus littoralis</i>	red velvet mite		2012, 2015	NP, M

Crustaceans

Number	Scientific name	Common name	Notes	BB year	Location
167	Amphipod sp. 1	olive green amphipod	olive green	2016	J

Number	Scientific name	Common name	Notes	BB year	Location
168	<i>Amphipod sp. 2</i>	beach hopper		2014, 2015	CH, M
169	<i>Amphipoda sp. 3</i>	orange amphipod	orange		2013 SH
170	<i>Ampithoe lacertosa</i>	sea lettuce sea flea			2015 M
171	<i>Balanus crenatus</i>	crenate barnacle		2012, 2013, 2014, 2015	NP, SH, CH, M
172	<i>Balanus glandula</i>	acorn barnacle		2012-2016	ALL
173	<i>Cancer gracilis</i>	graceful crab		2012, 2014, 2015, 2016	NP, CH, M, J
174	<i>Cancer magister</i>	dungeness crab		2012, 2013, 2014, 2015	NP, SH, CH, M
175	<i>Cancer oregonensis</i>	pygmy rock crab			2015 M
176	<i>Cancer productus</i>	red rock crab		2012, 2014, 2015	NP, CH, M
177	<i>Caprella alaskana</i>	skeleton shrimp amphipod			2015 M
178	<i>Caprella sp.</i>	skeleton shrimp amphipod		2012, 2013, 2014	NP, SH, CH
179	<i>Chthamalus dalli</i>	little brown barnacle		2012-2016	ALL
180	<i>Crangon nigricauda</i>	blacktail shrimp		2012, 2015	NP, M
181	<i>Crangon sp. 1</i>	shrimp			2012 NP
182	<i>Crangon sp.2</i>	sand shrimp			2013 SH
183	<i>Crangon sp. 3</i>	shrimp	banded antennae		2012 NP
184	<i>Eurystomella bilabiata</i>	derby hat			2015 M
185	<i>Gammaridea sp.</i>		Small shrimp-like crustaceans		2015 M
186	Gammarids	amphipod			2016 J
187	<i>Gnorimosphaeroma oregonense</i>	pillbug isopod		2013, 2014, 2015	SH, CH, M
188	<i>Hemigrapsus nudus</i>	purple shore crab		2012, 2014, 2015, 2016	NP, CH, M, J
189	<i>Hemigrapsus oregonensis</i>	hairy shore crab		2012, 2014, 2015, 2016	NP, CH, M, J
190	<i>Heptacarpus brevisrostris</i>	stout shrimp		2012, 2015	NP, M
191	<i>Heptacarpus sp.</i>	broken-back shrimp			2015 M
192	<i>Idotea resecata</i>	eelgrass isopod			2014 CH
193	<i>Idotea wosnesenskii</i>	rockweed isopod		2012, 2014, 2015	NP, CH, M
194	<i>Ligia pallasi</i>	sea slater			2015 M
195	<i>Lophopanopeus bellus bellua</i>	black-clawed shore crab			2015 M
196	<i>Mesocrangon munitella</i>	miniature spinyhead shrimp			2012 NP
197	<i>Neotrypaea californiensis</i>	ghost shrimp			2013 SH
198	<i>Oregonia gracilis</i>	graceful decorator crab			2014 CH
199	<i>Pagarus hirsutiusculus</i>	hairy hermit crab		2012-2016	ALL
200	<i>Pagurus armatus</i>	black-eyed hermit crab			2013 SH
201	<i>Pagurus beringanus</i>	bering hermit crab			2013 SH
202	<i>Pagurus caurinus</i>	greenmark hermit			2012 NP
203	<i>Pagurus granosimanus</i>	grainyhand hermit		2014, 2015	CH, M
204	<i>Pandalopsis dispar</i>	side-striped shrimp			2012 NP
205	<i>Pentidotea wosnesenskii</i>	rockweed isopod			2013 SH
206	<i>Pinnixa sp unknown</i>	pea crab			2012 NP
207	<i>Pinnotheridae sp.</i>	pea crab	commensal on tunicates		2015 M
208	<i>Pugettia producta</i>	northern kelp crab		2012, 2014, 2015	NP, CH, M
209	<i>Semibalanus cariosus</i>	haystack barnacle		2012, 2013, 2015	NP, SH, M
210	<i>Telmessus cheiragonus</i>	helmet crab		2012, 2014, 2015	NP, CH, M
211	<i>Tracskorchestia traskiana</i>	splash zone beach hopper		2012, 2015, 2016	NP, M, J
212	<i>Paguroidea sp. 1</i>	hermit crab sp. unknown			2012 NP

Echinoderms

Number	Scientific name	Common name	Notes	BB year	Location
213	<i>Amphipholis squamata</i>	dwarf brittle star		2014	CH

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214	<i>Cucumaria miniata</i>	red sea cucumber		2012	NP
215	<i>Cucumaria piperata</i>	salt and pepper sea cucumber		2015	M
216	<i>Dendraster excentricus</i>	sand dollar		2013, 2015, 2016	SH,M,J
217	<i>Dermasterias imbricata</i>	leather star		2014, 2015	CH, M
218	<i>Eupentacta quinquesemita</i>	white sea cucumber		2012	NP
219	<i>Evasterias troschelli</i>	mottled star		2012, 2014, 2015	NP, CH, M
220	<i>Leptosynapta clarki</i>	burrowing sea cucumber		2014	CH
221	<i>Parastichopus californicus</i>	California sea cucumber		2012, 2014	NP, CH
222	<i>Pisaster brevispinus</i>	spiny pink sea star		2014	CH
223	<i>Pisaster ochraceus</i>	purple star		2012, 2014, 2015	NP, CH, M
224	<i>Pycnopodia helianthoides</i>	sunflower star		2012, 2013, 2014	NP, SH, CH
225	<i>Solaster stimpsoni</i>	striped sunstar		2012	NP
226	<i>Strongylocentrotus droebachiensis</i>	green sea urchin		2014, 2015	CH, M

Urochordates

Number	Scientific name	Common name	Notes	BB year	Location
227	<i>Styela plicata</i>	Wrinkled seasquirt		2015	M
228	<i>Didemnum vexillum</i>	Carpet seasquirt		2015	M
229	<i>Botrylloides violaceus</i>	colonial seasquirt		2015	M
230	<i>Distaplia occidentalis</i>	seasquirt		2015	M

Fishes

Number	Scientific name	Common name	Notes	BB year	Location
231	<i>Aulorhynchus flavidus</i>	tubesnout		2012, 2013	NP, SH
232	<i>Aulorhynchus flavidus</i>	tubesnout		2013	
233	<i>Citharichthys stigmaeus</i>	speckled sanddab		2016	J
234	<i>Clupea pallasii</i>	Pacific herring		2016	J
235	<i>Cottoidea sp.</i>	sculpin sp.		2012, 2016	NP, J
236	<i>Cymatogaster aggregate</i>	shiner perch		2015, 2016	M,J
237	<i>Anguilliformes sp.</i>	glass eel	juvenile eel	2013	SH
238	<i>Gasterosteus aculeatus</i>	three- spined stickleback		2014	CH
239	<i>Gobiesox maeandricus</i>	Northern clingfish		2014	CH
240	<i>Isopsetta isolepis</i>	butter sole		2013	SH
241	<i>Lepidopsetta bilineata</i>	rock sole		2012	NP
242	<i>Oligocottus maculosus</i>	tidepool sculpin		2015	M
243	<i>Oncorhynchus mykiss</i>	rainbow trout		2014	CH
244	<i>Oncorhynchus kisutch</i>	coho salmon juvenile		2013, 2016	SH, J
245	<i>Pholis ornata</i>	saddleback gunnel		2012, 2013, 2015	NP, SH, M
246	<i>Platichthys stellatus</i>	starry flounder		2013	SH
247	<i>Porichthys notatus</i>	plainfish midshipman		2012	NP
248	<i>Stichaeidae sp.</i>	prickleback sp.		2015	M
249	<i>Ruscarius meanyi</i>	Puget Sound sculpin		2015	J