



Annapolis Settlement and Abundance Report

Common name	Scientific name	2015-05	2015-07	2015-09	2015-11	2016-01	2016-02	2016-03	2016-05	2016-06	2016-08	2016-09	2016-10	2017-01	2017-02	2017-04	2017-05	2017-06	2017-10	2017-11	Lamb/Hanby	Notes	Comments	
Brown algae	Ochrophyta																							
sugar wrack kelp	<i>Saccharina latissima</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	1	SW042			
diatom	undetermined diatom	.	.	13	25	.	25	500	.	.	.	.	.	.	.	.	.	.	.	.	SW064			
Red algae	Rhodophyta																							
filamentous red algae	filamentous red algae	.	.	.	25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	SW081			
crustose corallines	<i>Clathromorphum</i> etc.	.	.	.	25	25	.	.	.	.	.	10	3	.	.	.	25	.	10	.	SW086			
bladed red algae	undetermined bladed red algae	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	10	.	SW093			
beautiful leaf seaweed	<i>Callophyllis</i> spp.	.	.	.	.	.	.	.	.	.	25	.	.	.	.	.	.	.	.	.	SW103			
blade red seaweed	undetermined blade red seaweed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	SW150			
branching red seaweed	undetermined branching red seaweed	.	.	.	25	.	10	.	.	.	.	.	.	.	.	1	2	.	.	.	SW151			
Sponges	Porifera																							
sponge	<i>Haliclona</i> sp.?	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	none	new	first sponge
Cnidarians	Cnidaria																							
giant plumose anemone	<i>Metridium farcimen</i>	1	.	13	1	100	.	25	.	10	2	25	35	1000	25	513	50	27	100	1000	CN002			
swimming anemone	<i>Stomphia didemon</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	CN011	new	
coarse sea fir hydroids	<i>Abietinaria</i> spp.	.	.	.	.	.	.	.	.	.	.	.	.	10	.	.	.	.	.	.	.	CN054		
wine-glass hydroids	<i>Obelia</i> spp.	.	.	5	25	.	25	.	.	25	.	.	.	10	.	.	.	.	100	25	.	CN063		
spider web hydroid	<i>Orthopyxis</i> sp.	.	.	.	25	.	10	50	.	.	.	.	.	.	.	.	.	.	.	.	10	CN075		
tunicate siphon hydroid	<i>Bythotaria huntsmani</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10	CN081	new	
hydroid	undetermined hydroid	.	100	25	1000	3000	3000	50	.	.	.	.	.	25	.	.	.	.	.	.	.	none		always there, not always recorded
lion's mane	<i>Cyanea capillata</i>	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	CN089		
fried egg jellyfish	<i>Phacellophora camtschatica</i>	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	CN090		
moon jelly	<i>Aurelia labiata</i>	.	.	.	.	.	.	.	10	1	.	.	.	.	.	.	.	.	.	.	.	CN092		
cross jellyfish	<i>Mitrocoma cellularia</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10	.	.	.	.	CN093		
water jellies	<i>Aequorea</i> spp.	.	.	.	.	.	.	.	50	.	.	.	.	.	.	.	10	.	.	.	.	CN095		
gregarious jellyfish	<i>Clytia gregaria</i>	.	.	.	.	.	.	.	1	.	.	.	.	.	.	5	1	.	.	.	.	CN098		
blob-top jelly	<i>Neoturris brevicornis</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	CN101		
tailed jelly	<i>Nanomia bijuga</i>	.	.	.	.	.	.	.	.	.	.	.	*	.	.	.	25	.	.	.	.	CN109		
Ctenophores	Ctenophora																							
sea gooseberry	<i>Pleurobrachia bachei</i>	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	.	CT001		
lobed sea gooseberry	<i>Bolinopsis infundibulum</i>	.	.	.	.	.	.	.	10	.	.	.	.	.	.	1	1	.	.	.	.	CT003		
translucent comb jelly	<i>Beroe</i> spp.	1	CT005		
Arrow worms	Chaetognatha																							
arrow worm	<i>Parasagitta elegans</i>	*	CH001		



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Segmented worms	Annelida																							
white-crown calcareous tubeworm	<i>Protula pacifica</i>	3	2	.	50	2	AN051			
red-trumpet calcareous tubeworm	<i>Serpula columbiana</i>	.	10	5	10	1000	25	25	.	.	.	.	1000	.	30	.	.	.	1000	1000	AN052		
western calcareous tubeworm	<i>Pseudochitinopoma occidentalis</i>	.	.	.	.	.	.	.	.	.	.	.	.	25	.	.	.	.	.	25	AN054		
yolk-bearer calcareous tubeworm	<i>Crucigera zygophora</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	50	3000	.	.	.	AN055		
pale calcareous tubeworm	<i>Crucigera</i> spp.	.	.	.	.	.	.	.	.	.	.	.	.	1000	1500	.	.	.	100	1000	none		
twin-eyed feather duster	<i>Megalomma</i> sp.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	AN067		
curly-head spaghetti-worm	<i>Thelepus crispus</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	AN074	new	
Bryozoans	Bryozoa																							
kelp-encrusting bryozoan	<i>Membranipora serrilamella</i>	.	3	.	.	.	1	BZ001		
coral bryozoans	<i>Lichenopora</i> spp.	.	.	.	.	.	.	13	.	.	.	10	.	.	.	.	.	.	.	.	BZ002		
orange encrusting bryozoan	<i>Schizoporella japonicus</i>	.	.	.	.	.	1	.	2	10	25	10	17	.	.	.	.	.	.	.	BZ007		
spiral bryozoan	<i>Bugula californica</i>	.	.	.	25	.	1	.	.	10	.	.	.	.	.	.	10	.	.	.	BZ010		
parasol bryozoan	<i>Caulibugula californica</i>	.	.	.	25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	BZ011		
Brachiopods	Brachiopoda																							
snake's head lamp shell	<i>Terebratulina unguicula</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	BR003	new	
Molluscs	Mollusca																							
giant Pacific chiton	<i>Cryptochiton stelleri</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	MC030	new	
Pacific blue mussel	<i>Mytilus trossulus</i>	.	.	500	25	3000	50	25	25	.	.	.	8	100	13	.	100	.	1000	100	MC031			
spiny pink scallop	<i>Chlamys hastata</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	100	.	.	.	MC043		
smooth pink scallop	<i>Chlamys rubida</i>	.	.	.	.	.	.	.	.	2	10	100	2	50	25	.	.	.	.	.	MC044		
pink scallop	<i>Chlamys</i> sp.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	50	.	100	1000	1000	none		
green false-jingle	<i>Pododesmus macrochisma</i>	.	.	.	.	.	25	.	10	.	.	.	8	100	5	5	50	.	1000	3000	MC054		
feathery shipworm	<i>Bankia setacea</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25	50	MC123		
wrinkled dogwinkle	<i>Nucella lamellosa</i>	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	.	MC167		
wrinkled amphissa	<i>Amphissa columbiana</i>	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	2	100	MC175		
blue topsnail	<i>Calliostoma ligatum</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	2	MC210		
checkered hairsnail	<i>Trichotroopsis cancellata</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	10	MC258		
winged sea slug	<i>Gastropteron pacificum</i>	.	.	.	.	1	.	.	.	.	.	.	*	.	.	.	.	.	.	.	MC281		
Nanaimo nudibranch	<i>Acanthodoris nanaimoensis</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	MC303		
barnacle-eating nudibranch	<i>Onchidoris bilamellata</i>	.	.	.	.	.	.	.	100	25	.	.	.	.	.	.	.	.	.	.	MC311		
giant nudibranch	<i>Dendronotus iris</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	MC331		
red dendronotid	<i>Dendronotus rufus</i>	.	.	.	.	.	.	.	.	.	.	.	*	.	.	.	.	.	.	.	MC332		
opalescent nudibranch	<i>Hermisenda crassicornis</i>	.	.	.	.	.	.	.	10	1	.	1	.	.	.	.	25	1	.	.	MC349		
red flabellina	<i>Flabellina triophina</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	MC350		
red-gilled nudibranch	<i>Flabellina verrucosa</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	MC351		
shag-rug nudibranch	<i>Aeolidia papillosa</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	2	MC366		
giant Pacific octopus	<i>Enteroctopus dofeini</i>	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	MC371		
Pacific red octopus	<i>Octopus rubescens</i>	1	.	.	1	.	.	.	MC372			
stubby squid	<i>Rossia pacifica</i>	1	1	MC374			



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Arthropods	Arthropoda																							
sea fleas	undetermined pelagic amphipods	1	.	.	.	AR013			
Alaskan skeleton shrimp	<i>Caprella alaskana</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	AR016		
shrimp parasitic isopod	<i>Bopyroides hippolytes</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	AR017		
horned shrimp	<i>Paracrangon echinata</i>	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1	.	.	.	.	AR045		
doll eualid	<i>Eualus pusiolus</i>	.	.	.	1	.	50	.	.	25	.	25	.	.	.	.	25	.	10	100	AR053a		
striped eualid	<i>Eualus lineatus</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	AR054		
stout shrimp	<i>Heptacarpus brevisrostris</i>	.	.	2	.	.	1	.	.	.	3	.	*	1	.	.	.	.	.	.	AR057		
Kincaid's shrimp	<i>Heptacarpus kincaidi</i>	.	.	.	.	.	25	.	.	.	.	.	.	.	.	.	.	.	.	.	AR059		
threespine shrimp	<i>Heptacarpus tridens</i>	.	.	.	.	.	.	.	.	10	25	10	1	2	1	13	25	.	10	1	AR060		
spiny lebbeid	<i>Lebbeus groenlandicus</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	2	.	1	1	AR071		
Dana's blade shrimp	<i>Spirontocaris lamellicornis</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	AR074		
coonstripe shrimp	<i>Pandalus danae</i>	.	.	1	25	25	1000	50	25	25	100	.	334	1000	13	27	25	2	50	10	AR077			
rough patch shrimp	<i>Pandalus stenolepis</i>	.	.	.	.	.	2	10	.	10	.	10	1	25	2	1	10	10	50	100	AR078		
Pacific prawn	<i>Pandalus platyceros</i>	.	.	1505	1000	25	1000	13	.	2	10	.	2	3000	5	5	.	.	.	.	AR083		
black-clawed crab	<i>Lophopanopeus bellus</i>	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	AR096		
pygmy rock crab	<i>Cancer oregonensis</i>	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	AR097		
red rock crab	<i>Cancer productus</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	AR098		
Dungeness crab	<i>Cancer magister</i>	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	AR101		
graceful decorator crab	<i>Oregonia gracilis</i>	.	.	.	.	.	.	.	.	.	1	3	*	.	.	.	.	.	.	.	AR113		
longhorn decorator crab	<i>Chorilla longipes</i>	.	.	.	.	.	.	1	.	.	.	1	.	1	.	.	.	.	.	.	AR114		
squat lobster or galatheid crab	<i>Munida quadrispina</i>	.	.	.	.	.	.	.	.	.	.	.	.	25	1	.	1	.	.	.	AR126		
common acorn barnacle	<i>Balanus glandula</i>	50	100	50	1000	25	1000	13	3000	3000	3000	.	33	.	.	1500	3000	10	.	.	AR165			
crenate barnacle	<i>Balanus crenatus</i>	AR166		
Echinoderms	Echinodermata																							
purple star or ochre star	<i>Pisaster ochraceus</i>	.	.	1	.	1	.	1	2	1	1	1	2	10	2	5	25	.	10	5	EC001			
giant pink star	<i>Pisaster brevispinus</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	EC002		
mottled star	<i>Evasterias troschelii</i>	.	.	1	4	1	25	1	25	25	25	2	8	10	1	6	10	.	10	10	EC003			
rainbow star	<i>Orthasterias koehleri</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	EC004		
velcro star	<i>Stylasterias forreri</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	1	1	1	EC006		
baby seastars	undetermined baby seastar	.	.	.	.	.	.	.	.	.	.	.	4	.	5	.	10	.	.	.	none		
sunflower star	<i>Pycnopodia helianthoides</i>	.	.	.	.	.	1	1	.	1	.	*	1	1	.	.	.	.	1	1	EC028		
feather star	<i>Florametra serratissima</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	10	.	EC047		
red sea urchin	<i>Mesocentrotus franciscanus</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	EC048		
green sea urchin	<i>Strongylocentrotus droebachiensis</i>	.	.	.	.	1	50	13	8	25	1000	3000	31	50	525	1501	3000	52	3000	.	EC050		
Urochordates	Urochordata																							
transparent tunicate	<i>Corella willmeriana</i>	.	.	.	.	.	1	.	10	25	1000	10	1	.	.	.	.	.	10	25	CH001		
sea vase	<i>Ciona savignyi</i>	.	.	.	.	.	.	.	.	.	.	3	*	50	25	5	50	25	.	25	CH003		
sea blisters	<i>Ascidia columbiana / A. callosa</i>	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	1	1	CH005		
broadbase tunicate	<i>Cnemidocarpa finmarkiensis</i>	.	.	.	.	.	.	.	.	.	.	50	34	25	10	30	50	10	100	1000	CH007		
Pacific sea peach	<i>Halocynthia aurantium</i>	.	.	.	.	.	.	.	.	10	50	.	.	.	1	.	.	.	25	.	CH008		
bristly tunicate	<i>Halocynthia igaboja</i>	.	.	.	.	.	1	.	.	10	1	25	*	25	1	.	25	1	25	10	CH009		
brown tunicate	<i>Styela gibbsii</i>	.	.	.	.	.	.	.	5	10	.	25	5	10	1	25	25	1	10	25	CH012		
hairy tunicate	<i>Boltenia villosa</i>	1	10	10	25	12	10	5	5	50	.	1	.	.	CH015			
disc-top tunicate	<i>Chelyosoma productum</i>	*	CH016			



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Chordates	Chordata	2015-05	2015-07	2015-09	2015-11	2016-01	2016-02	2016-03	2016-05	2016-06	2016-08	2016-09	2016-10	2017-01	2017-02	2017-04	2017-05	2017-06	2017-10	2017-11	Lamb/Hanby	Notes	Comments	
fish	undetermined fish	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
northern anchovy	<i>Engraulis mordax</i>	1000	FAN01	new	
walleye pollock	<i>Theragra chalcogramma</i>	.	.	13	FCO03
blackeye goby	<i>Rhinogobio nichiolsii</i>	1	.	1	.	1	10	13	.	1	.	10	1	10	5	.	10	.	10	100	.	.	FGO01	
northern ronquil	<i>Ronquilus jordani</i>	1	FRO01
pile perch	<i>Damalichthys vacca</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	25	.	.	.	FSP02
striped seaperch	<i>Embiotoca lateralis</i>	1	10	FSP05
shiner perch	<i>Cymatogaster aggregata</i>	25	3000	1513	3000	25	1000	1000	3000	100	.	1	17	1000	500	1500	100	.	25	3000	.	.	FSP07	
copper rockfish	<i>Sebastes caurinus</i>	.	.	2	.	.	.	.	1	1	1	4	3	3	1	1	2	1	50	9	.	.	FRF01
quillback rockfish	<i>Sebastes maliger</i>	.	.	5	.	.	.	.	.	.	.	1	*	1	1	1	1	3	.	3	.	.	FRF02
yellowtail rockfish	<i>Sebastes flavidus</i>	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	2	2	10	10	.	.	FRF06
yelloweye rockfish	<i>Sebastes ruberrimus</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	1	.	.	.	.	FRF19
rockfish	<i>Sebastes sp.</i>	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	none
kelp greenling	<i>Hexagrammos decagrammus</i>	.	.	1	.	.	.	.	1	.	.	.	*	.	.	.	.	.	1	2	.	.	FGL02
lingcod	<i>Ophiodon elongatus</i>	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	1	.	.	.	.	FGL05
scalyhead sculpin	<i>Artedius harringtoni</i>	.	.	.	1	1	1	1	10	2	2	2	1	2	1	1	2	.	10	2	.	.	FSC04	
longfin sculpin	<i>Jordania zonope</i>	.	.	.	.	.	.	.	.	2	.	1	.	.	.	.	.	.	.	.	.	.	FSC15
roughback sculpin	<i>Chitonotus pugetensis</i>	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	FSC29
grunt sculpin	<i>Rhamphocottus richardsonii</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	FSC37
sailfin sculpin	<i>Nautichthys oculofasciatus</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	FSC36
sculpin	undetermined sculpin	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	none
speckled sanddab	<i>Citharichthys stigmæus</i>	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	FFL02
rock sole	<i>Lepidopsetta bilineata</i>	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	.	.	FRE08
English sole	<i>Parophrys vetulus</i>	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	FRE09

References:
 1. *Marine Life of the Pacific Northwest*, Lamb/Hanby (numbers refer to numbers that appear in their book);
 2. *World Registry of Marine Species* (www.marinespecies.org);
 3. Canadian vs American spelling shown here agree as much as possible with the DFO and COSEWIC accepted names;
 4. All information here is from SCUBA diving records;
 5. For abundance data contact the Vancouver Aquarium (Donna.Gibbs@ocean.org)