

Intertidal and Upper Subtidal Marine Life

at

Sargeant Bay

DRAFT

(There will be an introduction here with a note:

Recommended reading: *The beachcomber's Guide to Seashore Life in the Pacific North West*
by J.Duane Sept)

Seaweeds in the Upper Subtidal Zone

Green algae	<i>Enteromorpha sp.</i>	Sea hair (Tube weed)
	<i>Ulva fenestrata</i>	Sea lettuce
	<i>Ulva taenjata</i>	Corkscrew sea lettuce
Brown algae	<i>Laminaria saccharina</i>	Sugar kelp
	<i>Fucus gardneri</i>	Rockweed
	<i>Sargassum muticum</i>	Sargassum
Red algae	<i>Mastocarpus papillatus</i>	Papillate seaweed (Sea tar)
	<i>Mazzaella splendens</i>	Iridescent seaweed
	<i>Neorhodomela larix</i>	Black pine
Flowering Plants	<i>Zostera marina</i>	Eelgrass
	<i>Zostera japonica</i>	Dwarf eelgrass

N.B. Bladder kelp (*Nereocystis luetkeana*) often washes up on the beach from deeper water where the bay meets Georgia Strait.

Invertebrates in the Upper Subtidal Zone

Latin name	English Name	8	8	8	9	9	9	9	9	9	9	9	9	9	0	0	0
		7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
<i>Hemigrapsus nudus</i>	Purple Shore Crab				a	l	l	w	a	y	s						
<i>Cancer productus</i>	Red Rock Crab						o	f	t	e	n						
<i>Cancer magister</i>	Dungeness Crab	d							d								
<i>Pugettia gracilis</i>	Decorator Crab								d								
<i>Pugettia producta</i>	Kelp Crab	d								d							
<i>Pagurus beringanus</i>	Bering Hermit Crab								d	d	d	d					
<i>Pagurus granosimanus</i>	Grainyhand Hermit Crab	d								d							
<i>Crangon stylirostris</i>	Smooth Bay Shrimp				a	l	l	w	a	y	s						
<i>Heptacarpus brevirostris</i>	Stout Shrimp				a	l	l	w	a	y	s						
<i>Heptacarpus sitchensis</i>	Sitka Shrimp				a	l	l	w	a	y	s						
<i>Idotea vosnesenskii</i>	Green Isopod ¹				a	l	l	w	a	y	s						
<i>Pasiphaea pacifica</i>	Glass Shrimp				a	l	l	w	a	y	s						
<i>Caprella sp.</i>	Skeleton Shrimp				a	l	l	w	a	y	s						
<i>Meganyctiphanes sp.</i>	Krill	d							d	d							
<i>Balanus glandula</i>	Acorn Barnacle								*								
<i>Chthamalus dalli</i>	Little Brown Barnacle								*								
<i>Anthopleura artemisia</i>	Green Burrowing Anemone				a	l	l	w	a	y	s						
<i>Panope abrupta</i>	Geoduck ²		x														
<i>Clinocardium nuttalli</i>	Nuttall's Cockle				a	l	l	w	a	y	s						
<i>Venerupis philippinarum</i>	Japanese Littleneck								*								
<i>Crassostrea gigas</i>	Japanese Oyster				a	l	l	w	a	y	s						
<i>Loligo opalescens</i>	Opalescent Squid								x ³	x ⁴							
<i>Polinices lewisii</i>	Lewis' Moon Snail									x ⁵							
<i>Littorina scutulata</i>	Checkered Periwinkle								*								
<i>Mopalia ciliata</i>	Hairy Chiton								*								
<i>Mopalia muscosa</i>	Mossy Chiton							d									
<i>Saxidomus gigantea</i>	Butter Clam				a	l	l	w	a	y	s						
<i>Nuttallia obscurata</i>	Dark Mahogany-clam								*								
<i>Siliqua patula</i>	Razor Clam													d			
<i>Mytilus trossulus</i>	Pacific Blue Mussel				a	l	l	w	a	y	s						
<i>Bankia setacea</i>	Shipworm								*								
<i>Tectura persona</i>	Mask Limpet								*								
<i>Haminoea vesicula</i>	White Bubble Shell							d									
<i>Eubranchius olivaceus</i>	Olive Aeolid									d							
<i>Hermisenda crassicornis</i>	Opalescent Nudibranch							d		d							
<i>Aeolidia papillosa</i>	Papillose Aeolid							d									
<i>Melibe leonina</i>	Hooded Nudibranch									d		d	d				
<i>Membranipora membranacea</i>	Kelp Encrusting Bryozoan																
<i>Neotrypaea californiensis</i>	Ghost Shrimp	d						d	d	d							
<i>Obelia sp.</i>	Wineglass Hydroid				a	l	l	w	a	y	s						
<i>Parastichopus californicus</i>	California Sea Cucumber										x ⁶						
<i>Pisaster ochraceus</i>	Purple Sea Star				a	l	l	w	a	y	s						
<i>Pycnopodia helianthoides</i>	Sunflower Star							o	f	t	e	n					
<i>Evasterias troschelii</i>	Mottled Star								*								
<i>Dermasterias imbricata</i>	Leather Star				s	o	m	e	t	i	m	e	s				
<i>Serpula vermicularis</i>	Calcareous Tube Worm				a	l	l	w	a	y	s						

1. Always on eelgrass
2. Commercially harvested by divers in 1988
3. One specimen found dead on beach.
4. A bunch of eggs on a crab trap.
5. 1 cm juv. Adults are common in the lower subtidal region.
6. 10 cm long juv. Adults are common on the rocky northeast shore of the bay.
- s. Caught in beach seine mostly in summer
- d. Caught in dipnet mostly in winter
- * Observed by Duane Sept

