

# Intertidal and Upper Subtidal Marine Life

## at Sargeant Bay

This list is based on the numerous beach seine events organised once a year from 1987 to 2003.

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 wosnesenskii</i>	Green Isopod <sup>1</sup>				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 <sup>2</sup>		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 <sup>3</sup>	x <sup>4</sup>							
<i>Polinices lewisii</i>	Lewis' Moon Snail									x <sup>5</sup>							
<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>Eubranchus 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 <sup>6</sup>							
<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

## Fish 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>Agonopsis vulsa</i>	Northern Spearnose Poacher													d	s		d
<i>Ammodytes hexapterus</i>	Pacific Sand Lance		s	e	e	n			s	w	i	m	m	i	n	g	
<i>Anoplarchus purpureus</i>	Cockscomb Prickleback	s						d	d						s		
<i>Xiphister atropurpureus</i>	Black Prickleback							d									
<i>Apodichthys flavidus</i>	Penpoint Gunnel						s										
<i>Xererpes fucorum</i>	Rockweed Gunnel	s	s				s										s
<i>Pholis laeta</i>	Crescent Gunnel									d				d	s	s	s
<i>Pholis ornata</i>	Saddleback Gunnel							s									
<i>Brachyistius frenatus</i>	Kelp Perch				o	c	c	a	s	i	o	n	a	l	l	y	
<i>Cymatogaster aggregata</i>	Yellow Shiner							a	l	l	w	a	y	s	*		
<i>Embiotoca lateralis</i>	Striped Seaperch																s
<i>Citharichthys sordidus</i>	Pacific Sanddab	s					s	s	d		s		d	s			
<i>Pleuronichthys coenosus</i>	C-O Sole			s			s				d	d			d		
<i>Platichthys stellatus</i>	Starry Flounder														d		
<i>Clevelandia ios</i>	Arrow Goby								d		s				s		
<i>Coryphopterus nichoisi</i>	Blackeye Goby							a	l	l	w	a	y	s			
<i>Clupea harengus pallasii</i>	Pacific Herring							s									
<i>Eumicrotremus orbis</i>	Pacific Spiny Lumpsucker							d	d								
<i>Liparis florae</i>	Tidepool Snailfish							d			d					d	
<i>Liparis callyodon</i>	Spotted Snailfish?																d
<i>Gasterosteus aculeatus</i>	Threespine Stickleback				u	s	u	a	l	l	y				l		s
<i>Hexagrammos stelleri</i>	White-spotted Greenling			s											d	d	
<i>Leptocottus armatus</i>	Staghorn Sculpin							o	f	t	e	n			s		s
<i>Oligocottus maculosus</i>	Tidepool Sculpin							a	l	l	w	a	y	s			
<i>Scorpaenichthys marmoratus</i>	Cabazon					s											s
<i>Oncorhynchus keta</i>	Chum Fry							s			2	s					
<i>Oncorhynchus kisutch</i>	Coho Fry							s	s			s					
<i>Oncorhynchus tshawytscha</i>	Chinook Fry						s										
<i>Porichthys notatus</i>	Plainfin Midshipsman					s								s	s		d
<i>Sebastes caurinus</i>	Copper Rockfish	s						s	d	d		d			d		s
<i>Syngnathus griseolineatus</i>	Pipefish							a	l	l	w	a	y	s			
<i>Aulorhynchus flavidus</i>	Tube-snout																d

\* N.B. No yellow shiners were caught on 6 occasions during the first half of 2002!

1. In large numbers, many fat with eggs.
  2. In an enormous shoal.
- s Caught with beach seine, in summer.  
d Caught with dipnet, mostly in winter.