

# San Juan Island--Cattle Point

## Animals

### Annelida

Genus	Species	Student	Date	Location	Abund.	Comments
Eudistylia	vancouveri	Lindsay France	1-May-07	lower intertidal attached to rocks.	Uncommon	
Eudistylia	vancouveri	Trisha O'Hearne	1-May-07	Attached to rocks in the low intertidal area	Uncommon	The tubes were the only things that were visible
Nereis	vexillosa	Nina Volk	1-May-07			
Nereis	vexillosa	Amanda Ruby	1-May-08	found under medium sized rock, near shoreline	Uncommon	
Nereis	vexillosa	Elishia Stefanowsk	1-May-08	found under rocks in lower intertidal zone	Common	
Nereis	vexillosa	Elishia Stefanowsk	1-Jun-08	In lower intertidal zone under medium sized rocks	Common	
Nereis	vexillosa	Giovannina Souers	1-May-08	found under a rock when turned over. At the beach in the little cove before we climbed back up the bluff.	Rare	
Nereis	vexillosa	Holly Beimler	1-May-08	This was found in a sandy area among the rocks.	Rare	This was identified using the Sept guide, and I am confident in this observation.
Serpula	vermicularis	Sarah Mangum	1-May-08	zone 1 & 2	Common	

### Arthropoda

Genus	Species	Student	Date	Location	Abund.	Comments
Balanus	glandula	Hannah Julich	1-May-07	In all zones	Abundant	Stay relatively small
Balanus	glandula	Lisa Hannon	1-May-07		Dominant	
Balanus	glandula	Nina Volk	1-May-07	Upper intertidal.	Common	They were on all the larger rocks as we were hiking across.
Balanus	glandula	Shawna Donley	1-May-07	High intertidal	Abundant	
Balanus	glandula	Giovannina Souers	1-May-08	on some of the rocks were there was not too much Rock weed	Abundant	

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## Arthropoda

Balanus	glandula	Sarah Mangum	1-May-08		Abundant	
Balanus	nubilis	Lindsay France	1-May-07	Found in very low intertidal attached to rocks.	Uncommon	
Balanus	nubilis	Shawna Donley	1-May-07	High intertidal	Uncommon	
Balanus	nubilis	Trisha O'Hearne	1-May-07	Mid intertidal on rocks	Common	
Balanus	nubilis	Amanda Ruby	1-May-08	found out of water on a large rock	Common	
Balanus	nubilis	Lindsay McCormic	1-May-08	On a rock closer to the open water edge	Uncommon	I only saw few on one rock, that was really large and closest to the open water
Cancer	magister	Giovannina Souers	1-May-08	found under a rock at the beach at the end	Uncommon	
Cancer	productus	Lindsay France	1-May-07	Under rock in mid intertidal zone.	Rare	
Cancer	productus	Lisa Hannon	1-May-07		Common	
Cancer	productus	Nina Volk	1-May-07	Low intertidal.	Uncommon	It was found under a rock.
Cancer	productus	Shawna Donley	1-May-07	mid intertidal	Common	
Cancer	productus	Tim Dillavou	1-May-07	lower intertidal	Uncommon	
Cancer	productus	Amanda Ruby	1-May-08	in smaller sized rock near shoreline	Common	
Cancer	productus	Holly Beimler	1-May-08	These were near some rocks and out of the water.	Uncommon	This was identified using the Sept guide, and I am confident in this observation.
Cancer	productus	Lindsay McCormic	1-May-08	In the tide pools hiding by the rocks	Common	
Chthamalus	dalli	Elishia Stefanowsk	1-Jun-08	Attahed to rocks in the upperand mid intertidal zones	Abundant	
Hemigrapsus	nudus	Jessica Pearson	1-May-07	Found in the rocky, mid-intertidal zone	Common	
Hemigrapsus	nudus	Lindsay France	1-May-07	Found in intertidal under rocks.	Abundant	
Hemigrapsus	nudus	Lisa Hannon	1-May-07		Common	

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## Arthropoda

Hemigrapsus	nudus	Trisha O'Hearne	1-May-07	In the mid intertidal area under rocks	Common	
Hemigrapsus	nudus	Holly Beimler	1-May-08	These were in the tide pools.	Common	This was identified using the Sept guide, and I am confident in this observation.
Hemigrapsus	nudus	Sarah Mangum	1-May-08		Common	
Hemigrapsus	oregonensis	Lisa Hannon	1-May-07		Common	
Hemigrapsus	oregonensis	Shawna Donley	1-May-07	Tide pools	Uncommon	
Hemigrapsus	oregonensis	Trisha O'Hearne	1-May-07	In the mid intertidal area under rocks	Uncommon	
Hemigrapsus	oregonensis	Giovannina Souers	1-May-08	in the tide pools and along the beach area	Uncommon	
Idotea	wosnesenskii	Nina Volk	1-May-07	Low intertidal.	Uncommon	It was found under a rock.
Idotea	wosnesenskii	Shawna Donley	1-May-07	Tide pools	Common	
Idotea	wosnesenskii	Amanda Ruby	1-May-08	Found crawling quickly away on a large rock	Rare	Bright green with a broad, flat body and rounded tip on the abdomen
Idotea	wosnesenskii	Elishia Stefanowsk	1-Jun-08			
Idotea	wosnesenskii	Elishia Stefanowsk	1-Jun-08	Under a rock in the lower intertidal zone	Uncommon	
Idotea	wosnesenskii	Holly Beimler	1-May-08	This was found in a tide pool.	Rare	This was identified using the Sept guide, and I am confident in this observation.
Idotea	wosnesenskii	Lindsay McCormic	1-May-08	Was seen in the tide pools at cattle point	Common	Was dark in color and usually found in the pooling waters between the rocks
Lophopanopeus	bellus	Lisa Hannon	1-May-07		Common	
Neomolgus	littoralis	Amanda Ruby	1-May-08	Found hopping very quickly from a large rock	Uncommon	Very small, but easy to see because of their bright red color
Oregonia	gracilis	Geoff King	1-May-08	Middle intertidal in a small tidepool. Other crabs and limpets were nearby along with various types of algae	Rare	This crab was completely covered in sediment and bits of seaweed attached to its body.
Oregonia	gracilis	Giovannina Souers	1-May-08	in tide pool in high up rocks	Uncommon	

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## Arthropoda

Oregonia	gracilis	Sarah Mangum	1-May-08	in tide pools	Abundant	
Pagurus	granosimanus	Holly Beimler	1-May-08	These were abundant in the tidepools	Common	This was identified using the Sept guide, and I am confident in this observation.
Pagurus	hirsutiusculus	Elishia Stefanowsk	1-Jun-08	Under rocks and in tide pools in lower and mid intertidal zones	Common	
Pagurus	hirsutiusculus	Geoff King	1-May-08	Middle intertidal in small tidepools. Found with other crabs, limpets, and bits of algae.	Uncommon	Small white bands on the legs identified this species. If the legs are retracted, identification is very difficult as the shell resembles many similar types.
Pagurus	sp	Nina Volk	1-May-07	Mid to low intertidal.	Common	
Petrolisthes	cinctipes	Giovannina Souers	1-May-08	under a rock in the beach area	Uncommon	
Pollicipes	polymerus	Hannah Julich	1-May-07	mid to high intertidal in rock crevices	Uncommon	Fairly large colonies
Pollicipes	polymerus	Jessica Pearson	1-May-07	Found in the rocky, mid-intertidal zone	Uncommon	Identified and pointed out by Bonnie. Very distinctive plates. Witnessed growing in groups.
Pollicipes	polymerus	Lindsay France	1-May-07	Found in areas exposed to heavy wave action in low and mid intertidal regions.	Common	
Pollicipes	polymerus	Lisa Hannon	1-May-07		Common	
Pollicipes	polymerus	Nina Volk	1-May-07	Mid intertidal	Common	They were found in large clumps, and near <i>M. californianus</i> .
Pollicipes	polymerus	Shawna Donley	1-May-07	High-mid intertidal	Uncommon	
Pollicipes	polymerus	Tim Dillavou	1-May-07	midintertidal	Common	
Pollicipes	polymerus	Trisha O'Hearne	1-May-07	On rocks in the mid intertidal area	Dominant	White pointy barnacles
Pollicipes	polymerus	Holly Beimler	1-May-08	These were observed at one indent on the rock on site that probably gets higher velocity waves during high tide.	Rare	This was identified using the Sept guide, and I am confident in this observation.

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## Arthropoda

Pollicipes	polymerus	Lindsay McCormic	1-May-08	On the cliff like areas of the intertidal zone	Common	
Pugettia	gracilis	Lisa Hannon	1-May-07		Common	
Pugettia	gracilis	Giovannina Souers	1-May-08	under the rocks at the beach rocky area	Uncommon	
Pugettia	gracilis	Holly Beimler	1-May-08	This was found under a rock.	Uncommon	This was identified using the Sept guide, and I am confident in this observation.
Pugettia	producta	Lindsay France	1-May-07	Found under rocks and in tidepools covered with algae.	Common	varied in sizes.
Pugettia	producta	Shawna Donley	1-May-07	High-mid intertidal	Uncommon	
Pugettia	producta	Trisha O'Hearne	1-May-07	In the mid intertidal area under rocks	Rare	These were small juvenile crabs
Pugettia	producta	Geoff King	1-May-08	Middle intertidal in a small tide pool. Other crabs and limpets present along with a few samples of algae.	Uncommon	Dark red coloration. Distinctive shield-shaped carapace. Photo and description in Sept.
Semibalanus	cariosus	Nina Volk	1-May-07	Mid intertidal.	Common	They have ridges or streaks along their sides.
Semibalanus	cariosus	Amanda Ruby	1-May-08	attached to rock above and in tidepools	Abundant	
Semibalanus	cariosus	Elishia Stefanowsk	1-Jun-08	Attached to rocks in the lower intertidal area	Common	
Semibalanus	cariosus	Holly Beimler	1-May-08	These were found throughout the site on rocks.	Dominant	This was identified using the Sept guide, and I am confident in this observation.
Semibalanus	cariosus	Sarah Mangum	1-May-08		Abundant	
Telmessus	cheiragonus	Lisa Hannon	1-May-07		Rare	
Telmessus	cheiragonus	Nina Volk	1-May-07	Low intertidal.	Uncommon	It was found under a rock.
Traskorchestia	traskiana	Nina Volk	1-May-07			

## Chordata

Genus	Species	Student	Date	Location	Abund.	Comments
Branta	canadensis	Holly Beimler	1-May-08	These were heard more than seen, but they were on the island off shore.	Common	These were identified using "Birds of the Pacific Northwest Coast."
Dasycottus	setiger	Shawna Donley	1-May-07	Tide pools	Uncommon	
Dasycottus	setiger	Amanda Ruby	1-May-08	Attached to medium rock at shoreline	Abundant	
Gobiesox	maeandricus	Hannah Julich	1-May-07	Hiding under a rock	Rare	Probably common, but hard to find
Gobiesox	maeandricus	Lisa Hannon	1-May-07		Common	
Gobiesox	maeandricus	Nina Volk	1-May-07	Low intertidal.	Common	Found under a rock with water.
Histrionicus	histrionicus	Holly Beimler	1-May-08	These were floating in the water off the sandy part of the beach.	Uncommon	These were identified using "Birds of the Pacific Northwest Coast," and I am reasonably confident in this observation.
Larus	occidentalis	Holly Beimler	1-May-08	There were several of these on the beach, in the water and flying around the site.	Abundant	This was identified using "Birds of the Pacific Northwest Coast," and I am confident in this observation.
Melanitta	perspicillata	Holly Beimler	1-May-08	This bird was seen quite a way off shore.	Rare	This was identified using "Birds of the Pacific Northwest Coast." I am reasonably confident in this observation due to the distinctive white spot on the back of its head and the bill.
Nautichthys	oculofasciatus	Geoff King	1-May-08	Low intertidal in a small tidepool. Also present were limpets, hermit crabs, and various alga.	Rare	Known as the sailfin sculpin. The book "Pacific Reef and Shore" by Rick Harbo was used to identify this species.
Oligocottus	maculosus	Lisa Hannon	1-May-07		Common	
Oligocottus	maculosus	Amanda Ruby	1-May-08	Found swimming in a tidepool among many hermit crabs	Common	
Oligocottus	maculosus	Elishia Stefanowsk	1-Jun-08	In tide pools in the mid and lower intertidal zone	Abundant	

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Chordata

Oligocottus	maculosus	Holly Beimler	1-May-08	These were found throughout the site in tide pools and under small rocks.	Common	This was identified using the Sept guide, and I am confident in this observation.
Oligocottus	sp	Lindsay France	1-May-07	found in tide pools beneath large rocks in mid intertidal zone.	Uncommon	
Pholis	laeta	Hannah Julich	1-May-07	High intertidal, living under rocks	Uncommon	Probably more common, but hard to spot
Pholis	laeta	Lindsay France	1-May-07	Found under rocks and in shallow tide pools. Mid and low intertidal.	Uncommon	
Pholis	laeta	Shawna Donley	1-May-07	Tide pools	Uncommon	BJB: Site changed from Willapa Bay to Cattle Point
Pholis	laeta	Shawna Donley	1-May-07	Tide pools	Uncommon	
Pholis	laeta	Giovannina Souers	1-May-08	under the rocks at beach in the cove at end of the day	Uncommon	
Pholis	ornata	Amanda Ruby	1-May-08	under medium sized rock near shoreline	Uncommon	
Xiphister	atropurpureus	Lisa Hannon	1-May-07		Common	

Cnidaria

Genus	Species	Student	Date	Location	Abund.	Comments
Anthopleura	elegantissima	Hannah Julich	1-May-07	In all zones	Abundant	Grow in large colonies
Anthopleura	elegantissima	Jessica Pearson	1-May-07	Found in the mid-intertidal zone.	Uncommon	
Anthopleura	elegantissima	Leia Gartner	1-May-07	Found in cracks in between rocks throughout middle and lower intertidal region	Abundant	
Anthopleura	elegantissima	Lindsay France	1-May-07	Found in mid to low intertidal.	Abundant	

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Cnidaria

Anthopleura	elegantissima	Nina Volk	i-May-07	There would be a hundred tiny ones in a small tidepool on the upper intertidal.	Abundant	
Anthopleura	elegantissima	Shawna Donley	i-May-07	Mid intertidal	Uncommon	
Anthopleura	elegantissima	Amanda Ruby	i-May-08	Found in tidepool under overhanging rock	Abundant	Found in very large aggregations, sometimes hard to see because they blended in with the surrounding rock.
Anthopleura	elegantissima	Elishia Stefanowsk	1-Jun-08	in tide pools and attached to rocks in crevices	Abundant	
Anthopleura	elegantissima	Geoff King	i-May-08	Lower to middle intertidal. On sides and undersides of rocks. Found where there is no rockweed covering the sunstrate.	Common	Dark green body with darker green spots. If visible, tentacles have purple tips.
Anthopleura	elegantissima	Holly Beimler	i-May-08	These were all over the site on rocks, in tidepools and at the water's edge.	Dominant	This was identified using the Sept guide, and I am confident in this observation. At times, it was difficult to avoid stepping on these.
Anthopleura	elegantissima	Lindsay McCormic	i-May-08	On and in between the rocks	Abundant	Often seen in large colonies
Anthopleura	xanthogrammica	Trisha O'Hearne	i-May-07	In the tidepools in the mid intertidal area	Common	
Cyanea	capillata	Giovannina Souers	i-May-08	floating out from the intertidal rocks and two smaller ones washed up	Uncommon	
Urticina	crassicornis	Lindsay France	i-May-07	found under rock.	Rare	bleached coloration.
Urticina	crassicornis	Geoff King	i-May-08	Middle intertidal. Found in small tidepools.	Uncommon	Red and green coloration on side of body used to identify this species.
Urticina	crassicornis	Lindsay McCormic	i-May-08	Hanging of the larger rocks closer to the open water	Uncommon	saw two with a bright red solid base and one with the gren base and red spots
Urticina	lofotensis	Lisa Hannon	i-May-07		Uncommon	

Echinodermata

Genus	Species	Student	Date	Location	Abund.	Comments
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## Echinodermata

Amphipholis	squamata	Shawna Donley	i-May-07	Low Intertidal	Uncommon	
Amphipholis	squamata	Trisha O'Hearne	i-May-07	Mid intertidal near rocks	Rare	
Cucumaria	miniata	Lindsay France	i-May-07	Found under rocks.	Common	
Cucumaria	miniata	Shawna Donley	i-May-07	Tide pools	Common	
Cucumaria	miniata	Trisha O'Hearne	i-May-07	In the tidepools in the mid intertidal area	Uncommon	
Cucumaria	miniata	Elishia Stefanowsk	1-Jun-08	in the lower intertidal zone in a rock crevice	Uncommon	
Cucumaria	miniata	Giovannina Souers	i-May-08	between the cracks of rocks in the beach area at the end	Rare	
Cucumaria	miniata	Lindsay McCormic	i-May-08	in the sandy substrate between the rocks	Common	Partially burrowed into the sand and hard to remove, usually seen close to the rocks
Evasterias	troschelli	Shawna Donley	i-May-07	low, mid intertidal	Uncommon	
Evasterias	troschelli	Lindsay McCormic	i-May-08	On the rocks	Uncommon	They were small about two inches long
Henricia	leviuscula	Hannah Julich	i-May-07	Low intertidal	Rare	In same small pool as Pisaster and Pycnopia
Henricia	leviuscula	Lindsay France	i-May-07	Found throughout the mid and lower rocky intertidal zones.	Common	Usually under rocks or in sea grass shaded tidepools.
Henricia	leviuscula	Trisha O'Hearne	i-May-07	In the mid intertidal near rocks	Rare	These are very orange
Henricia	leviuscula	Elishia Stefanowsk	1-Jun-08	Attached to a bolder in the lower intertidal zone	Rare	
Henricia	leviuscula	Sarah Mangum	i-May-08	in tide pool	Uncommon	
Leptasterias	hexactis	Lindsay France	i-May-07	Found under rock in mid intertidal zone.	Rare	Measured approx. 3cm from tip of arm to tip of arm.
Leptasterias	hexactis	Lisa Hannon	i-May-07		Common	
Leptasterias	hexactis	Shawna Donley	i-May-07	Mid intertidal	Uncommon	

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## Echinodermata

Leptasterias	hexactis	Trisha O'Hearne	i-May-07	Found in the mid intertidal area near rocks	Rare	This was a very small sea star with six legs and light pink in color
Leptasterias	hexactis	Amanda Ruby	i-May-08	found on the underside of a medium rock near the shoreline	Rare	brown 6 rayed star
Leptasterias	hexactis	Giovannina Souers	i-May-08	out on the top of a rock in the mix of rock weed	Rare	
Leptasterias	hexactis	Holly Beimler	i-May-08	These were on the rocks throughout the site.	Common	This was identified using the Sept guide, and I am confident in this observation.
Ophiopholis	aculeata	Lindsay France	i-May-07	Found under rock in mid intertidal zone.	Rare	
Ophiopholis	aculeata	Shawna Donley	i-May-07	Mid intertidal	Uncommon	
Pisaster	ochraceus	Hannah Julich	i-May-07	Low intertidal	Uncommon	Only purple Pisaster observed
Pisaster	ochraceus	Lindsay France	i-May-07	Found in lower rocky intertidal.	Common	
Pisaster	ochraceus	Lisa Hannon	i-May-07		Dominant	
Pisaster	ochraceus	Shawna Donley	i-May-07	Mid intertidal/low intertidal/high intertidal	Uncommon	
Pisaster	ochraceus	Trisha O'Hearne	i-May-07	Living on the sides of rocks in the low intertidal	Common	Purple in color
Pycnopodia	helianthoides	Hannah Julich	i-May-07	Low intertidal	Rare	Fairly small
Pycnopodia	helianthoides	Lisa Hannon	i-May-07		Common	
Strongylocentrotus	droebachiensis	Lisa Hannon	i-May-07		Uncommon	
Strongylocentrotus	purpuratus	Jessica Pearson	i-May-07	Found in the mid-intertidal zone.	Common	

## Ectoprocta

Genus	Species	Student	Date	Location	Abund.	Comments
Membranipora	membranacea	Shawna Donley	i-May-07	Low Intertidal	Uncommon	

## Mollusca

Genus	Species	Student	Date	Location	Abund.	Comments
Aeolidia	papillosa	Lindsay France	i-May-07	Found under sea grass in tide pool.	Rare	

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## Mollusca

Anisodoris	nobilisa	Geoff King	1-May-08	Observed in open, subtidal water near shore at a depth of about two feet. Large amounts of green and red algae near by.	Rare	
Cryptochiton	stelleri	Lindsay France	1-May-07	Large, found in low intertidal.	Uncommon	
Diodora	aspera	Hannah Julich	1-May-07	In all zones	Abundant	Grow very large
Diodora	aspera	Lindsay France	1-May-07	Found throughout the intertidal zones, particularly in tide pools.	Abundant	
Diodora	aspera	Shawna Donley	1-May-07	mid, high intertidal	Common	
Katharina	tunicata	Hannah Julich	1-May-07	Mid to low intertidal	Abundant	Grow quite large here - a range of sizes lived in close proximity
Katharina	tunicata	Lindsay France	1-May-07	Found throughout the intertidal regions: under and on rocks, in shallow tidepools.	Abundant	significant algal cover in the lower intertidal region.
Katharina	tunicata	Lisa Hannon	1-May-07		Dominant	
Katharina	tunicata	Nina Volk	1-May-07	Low, mid, and upper intertidal.	Abundant	
Katharina	tunicata	Shawna Donley	1-May-07	Tide pools	Common	
Katharina	tunicata	Tim Dillavou	1-May-07	midintertidal	Common	
Katharina	tunicata	Trisha O'Hearne	1-May-07	Attached to rocks in the low intertidal area	Common	
Katharina	tunicata	Amanda Ruby	1-May-08	On overhanging rock above tidepool	Rare	black girde covering most of the animal, which a white stripe down it's dorsal side
Katharina	tunicata	Elishia Stefanowsk	1-Jun-08	attached to rocks in lower intertidal zone	Uncommon	
Katharina	tunicata	Giovannina Souers	1-May-08	in the tide pools and in the cracks and crevases of the rocks	Common	
Katharina	tunicata	Holly Beimler	1-May-08	These were found throughtout the site on rocks.	Common	This was identified using the Sept guide, and I am confident in this observation.

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## Mollusca

Katharina	tunicata	Lindsay McCormic	1-May-08	On the rocks	Abundant	
Lirabuccinum	dirum	Elishia Stefanowsk	1-Jun-08	attached to rocks in crevices in lower intertidal zone	Common	
Littorina	scutulata	Amanda Ruby	1-May-08	Found in a cluster living on the edge of a large rock	Abundant	Found very abundantly, mostly on rocks and in tidepools higher up from the shoreline
Littorina	sitkana	Elishia Stefanowsk	1-Jun-08	Attached to and under side of rocks in the lower intertidal zone	Common	
Littorina	sitkana	Geoff King	1-May-08	Middle intertidal. In a large crevice between two rocks. A large number of specimens were found in this area.	Common	Believed at first that this species was a Black Turban ( <i>T. funebris</i> ) but re-examination showed that the Black Turban is much larger than these specimens (1 inch compared to 1/4 inch). All of the specimens observed were very small in size leading to the
Lottia	digitalis	Elishia Stefanowsk	1-Jun-08	attached to rocks in the lower intertidal zone	Common	
Lottia	pelta	Lindsay France	1-May-07	Extremely abundant in high intertidal.	Common	
Lottia	pelta	Shawna Donley	1-May-07	mid, high intertidal	Common	
Lottia	pelta	Elishia Stefanowsk	1-Jun-08	Attached to rocks in the mid and lower intertidal zones	Common	
Modiolus	modiolus	Elishia Stefanowsk	1-Jun-08	attached to rocks in mid intertidal zone	Common	
Mopalia	ciliata	Lisa Hannon	1-May-07		Common	
Mopalia	muscosa	Hannah Julich	1-May-07	Primarily in mid to low intertidal	Common	Grow quite large
Mopalia	muscosa	Lisa Hannon	1-May-07		Common	
Mopalia	muscosa	Nina Volk	1-May-07	Low, mid, and upper intertidal.	Abundant	
Mopalia	muscosa	Shawna Donley	1-May-07	Tide pools	Abundant	
Mopalia	muscosa	Tim Dillavou	1-May-07	lower intertidal	Common	

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## Mollusca

Mopalia	muscosa	Trisha O'Hearne	i-May-07	On the rocks in tidepools in the mid intertidal area	Dominant	
Mopalia	muscosa	Amanda Ruby	i-May-08	hiding in the crevasse in between two large rocks	Uncommon	girdle covered in stiff hairs making it look fuzzy
Mopalia	muscosa	Geoff King	i-May-08	Middle intertidal. Found in tidepools and attached to large rocks and in crevices near the bottom.	Uncommon	The extremely "bushy" look and feel of the girdle was used to identify this species.
Mopalia	swanii	Holly Beimler	i-May-08	This was found under a rock.	Rare	This was identified using the Sept guide, and I am reasonably confident in this observation. We couldn't get it out from under the large rock to take a closer look.
Mytilus	californianus	Lindsay France	i-May-07	Mid intertidal, abundant of rock flats.	Dominant	Pisaster found around the base of covered rock.
Mytilus	californianus	Lisa Hannon	i-May-07		Common	
Mytilus	californianus	Nina Volk	i-May-07	Low, mid, and upper intertidal.	Abundant	They were found with the gooseneck barnacles.
Mytilus	californianus	Shawna Donley	i-May-07	High intertidal	Common	
Mytilus	californianus	Tim Dillavou	i-May-07	lower intertidal	Common	
Mytilus	californianus	Trisha O'Hearne	i-May-07	On top of rocks in creek	Dominant	They were all living together
Mytilus	californianus	Holly Beimler	i-May-08	These were observed on rocks throughout the site.	Common	This was identified using the Sept guide, and I am confident in this observation.
Mytilus	californianus	Sarah Mangum	i-May-08		Abundant	
Mytilus	trossulus	Lindsay France	i-May-07	Formed mussel flats on the top of rocks, sometimes covered with algae.	Common	
Nucella	lamellosa	Amanda Ruby	i-May-08	found living on the underside of a large rock	Common	
Nucella	lamellosa	Sarah Mangum	i-May-08	in tide pools and on rocks	Abundant	

San Juan Island--Cattle Point

Mollusca

Rostanga	pulchra	Amanda Ruby	1-May-08	Found living on a large rock in the rocky intertidal	Rare	small, bright red
Rostanga	pulchra	Giovannina Souers	1-May-08	on the red encrusting sponge under ledges and around the edges of tide pools	Uncommon	
Rostanga	pulchra	Sarah Mangum	1-May-08	on rock in mid to low intertidal	Rare	
Tectura	scutum	Elishia Stefanowsk	1-Jun-08	Attached to rocks in mid and lower intertidal zone	Abundant	
Tectura	scutum	Geoff King	1-May-08	In tidepools, crevices, and anywhere that was not covered by rockweed. Every large rock observed has some specimens on it somewhere.	Abundant	Believed at first that this was a Shield Limpet, but re-examination showed a different color pattern and lower peak than that described in the Sept book, causing the identification as T. scutum.
Tectura	scutum	Holly Beimler	1-May-08	These were throughout the site on rocks and in tidepools.	Dominant	This was identified using the Sept guide, and I am confident in this observation. At times, it was a challenge to avoid stepping on these.
Tegula	funerbralis	Lisa Hannon	1-May-07		Common	
Tegula	funerbralis	Elishia Stefanowsk	1-Jun-08	Attached to rocks in the lower and mid intertidal zone	Common	
Tonicella	lineata	Hannah Julich	1-May-07	Mid to low intertidal	Common	Not as common as Katy chitons
Tonicella	lineata	Lindsay France	1-May-07	Found under rock.	Rare	vibrant coloration.
Tonicella	lineata	Lisa Hannon	1-May-07		Common	
Tonicella	lineata	Tim Dillavou	1-May-07	midintertidal	Common	
Tonicella	lineata	Trisha O'Hearne	1-May-07	Attached to rocks in tidepools in the mid intertidal	Dominant	

Porifera

Genus	Species	Student	Date	Location	Abund.	Comments
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## San Juan Island--Cattle Point

Porifera

Halichondria	panicea	Lindsay France	i-May-07	Found under rocks.	Common
Halichondria	panicea	Lisa Hannon	i-May-07		Common
Halichondria	panicea	Shawna Donley	i-May-07	low, mid intertidal	Rare
Halichondria	panicea	Elishia Stefanowsk	1-Jun-08	attached to under side of large rocks	Common
Haliclona	permollis	Trisha O'Hearne	i-May-07	On a rock in the creek	Uncommon
Ophlitaspongia	pennata	Elishia Stefanowsk	1-Jun-08	Attached to underside of larger rocks and in tide pool crevices	Common
Ophlitaspongia	pennata	Sarah Mangum	i-May-08	low to mid intertidal	Uncommon

## Plants

## Chlorophyta

Genus	Species	Student	Date	Location	Abund.	Comments
Acrosiphonia	coalita	Amanda Ruby	i-May-08	attached to medium sized rock at water's edge	Common	In gametophyte stage: bright green with many filaments which become entangled to resemble rope.
Codium	fragile	Lindsay France	i-May-07	Mid and low intertidal zone. Peppered in fucus.	Common	
Enteromorpha	spp	Elishia Stefanowsk	1-Jun-08	attached to rocks in tide pools in the upper intertidal zone	Abundant	
Ulva	spp	Hannah Julich	i-May-07	Ulva prevalent on rocks	Abundant	Forms important microhabitats
Ulva	spp	Jessica Pearson	i-May-07	Found in the rocky, low intertidal zone.	Common	Recognized from previous sites.
Ulva	spp	Lindsay France	i-May-07	Found throughout the tidal flats, particularly in the high and mid tidal zones.	Common	alternates with fucus. High algal diversity throughout site.
Ulva	spp	Lisa Hannon	i-May-07		Dominant	
Ulva	spp	Shawna Donley	i-May-07	mid, high intertidal	Common	

San Juan Island--Cattle Point

Chlorophyta

Ulva	spp	Elishia Stefanowsk	1-Jun-08	Attached to rocks in lower and mid intertidal zones	Common	
Ulva	spp	Holly Beimler	1-May-08	This was seen throughout the site on the sandy beach and in the calmer rocky areas.	Abundant	This was identified using the Sept guide, and I am confident in this observation.
Ulva	spp	Sarah Mangum	1-May-08		Abundant	

Magnoliophyta

Genus	Species	Student	Date	Location	Abund.	Comments
Phyllospadix	scouleri	Jessica Pearson	1-May-07	Found in the rocky, low intertidal zone.	Common	Identified with the help of Whelks to Whales as well as by its bright green leaves.
Phyllospadix	scouleri	Leia Gartner	1-May-07	Lower rocky intertidal region attached to rocks, especially common around tide pools	Dominant	
Phyllospadix	scouleri	Shawna Donley	1-May-07	Low Intertidal	Uncommon	
Phyllospadix	scouleri	Amanda Ruby	1-May-08	attached to rock living in tidepool	Common	Commonly keyed as being eel grass, but a clue was that it was not rooted in the sand, but rather attached to rock.
Phyllospadix	scouleri	Elishia Stefanowsk	1-Jun-08	Attached to rocks in tidepools in the upper intertidal zone	Abundant	
Phyllospadix	scouleri	Holly Beimler	1-May-08	This was found throughout the site, especially in wet areas and in the water.	Dominant	This was identified using the Sept guide, and I am confident in this observation.
Zostera	marina	Lindsay France	1-May-07	found in lower intertidal levels.	Common	often covers tidepools, providing microhabitat. High algal diversity throughout the observation site.
Zostera	marina	Shawna Donley	1-May-07	Low Intertidal	Uncommon	
Zostera	marina	Sarah Mangum	1-May-08		Uncommon	

Phaeophyta

Genus	Species	Student	Date	Location	Abund.	Comments
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## San Juan Island--Cattle Point

## Phaeophyta

Alaria	marginata	Amanda Ruby	1-May-08	Shoreline	Common	olive brown with prominent linear blade on stipe.
Alaria	marginata	Elishia Stefanowsk	1-Jun-08	attached to rocks in lower and subtidal zones	Common	
Alaria	marginata	Giovannina Souers	1-May-08	on the rocks in intertidal area	Uncommon	
Egregia	menziesii	Hannah Julich	1-May-07	Low intertidal	Common	Created important microhabitats
Egregia	menziesii	Lindsay France	1-May-07	low intertidal and subtidal zones.	Dominant	
Egregia	menziesii	Shawna Donley	1-May-07	Low Intertidal	Uncommon	
Egregia	menziesii	Elishia Stefanowsk	1-Jun-08	Attached to rocks in the lower intertidal zone	Common	
Egregia	menziesii	Giovannina Souers	1-May-08	out near the edge of the big rocks low intertidal	Uncommon	
Egregia	menziesii	Sarah Mangum	1-May-08	in water	Uncommon	
Fucus	gardneri	Hannah Julich	1-May-07	High to mid intertidal rocky zone	Abundant	Large patches create microhabitats
Fucus	gardneri	Jessica Pearson	1-May-07	Found in the rocky, low intertidal zone.	Common	Identified with the help of Bonnie. Contain water filled sacs that squirt when stepped on.
Fucus	gardneri	Leia Gartner	1-May-07	Mid rocky intertidal covering large boulders	Dominant	
Fucus	gardneri	Lindsay France	1-May-07	Dominant mid to low intertidal habitat.	Dominant	
Fucus	gardneri	Lisa Hannon	1-May-07		Common	
Fucus	gardneri	Lisa Hannon	1-May-07		Dominant	
Fucus	gardneri	Nina Volk	1-May-07	Upper intertidal.	Common	
Fucus	gardneri	Shawna Donley	1-May-07	high intertidal	Common	
Fucus	gardneri	Tim Dillavou	1-May-07	mid intertidal	Abundant	
Fucus	gardneri	Elishia Stefanowsk	1-Jun-08	all over tops and sides of rocks through out intertidal	Dominant	

## San Juan Island--Cattle Point

## Phaeophyta

Fucus	gardneri	Giovannina Souers	1-May-08	all over the rocks in the intertidal area	Dominant	
Fucus	gardneri	Holly Beimler	1-May-08	This was all over the rocky part of the beach.	Dominant	This was identified using the Sept guide, and I am confident in this observation.
Fucus	gardneri	Sarah Mangum	1-May-08		Abundant	
Laminaria	saccharina	Lindsay France	1-May-07	Abundant in the lower and subtidal areas, also found in the mid intertidal regions.	Abundant	significantly larger than seen in south puget sound.
Leathesia	difformis	Amanda Ruby	1-May-08	found in tidepool among rockweed on large rocks	Common	
Leathesia	difformis	Elishia Stefanowsk	1-Jun-08	Attached to rocks in the lower intertidal zone	Common	
Leathesia	difformis	Giovannina Souers	1-May-08	on the rocks around the edges of the tide pools	Common	
Leathesia	difformis	Holly Beimler	1-May-08	This was seen on the rocks near the water's edge.	Uncommon	This was identified using the Sept guide, and I am confident in this observation.
Leathesia	difformis	Lindsay McCormic	1-May-08	On the rocks	Uncommon	was only observed a few times in between the Fucus
Nereocystis	luetkeana	Hannah Julich	1-May-07	Low intertidal to subtidal	Common	Kelp forests in subtidal zone
Nereocystis	luetkeana	Jessica Pearson	1-May-07	Found in the water and washed up on shore in the rocky, low intertidal zone.	Common	Identified using Whelks to Whales. Distinguishing characteristics: large sac like bulb filled with gas, large kelp forests spotted in water.
Nereocystis	luetkeana	Lindsay France	1-May-07	Found in very low intertidal and subtidal regions throughout the area of observation.	Abundant	High algal diversity.
Nereocystis	luetkeana	Lisa Hannon	1-May-07		Dominant	
Nereocystis	luetkeana	Nina Volk	1-May-07	Low intertidal	Abundant	They look like whips.
Nereocystis	luetkeana	Shawna Donley	1-May-07	Low Intertidal	Uncommon	
Nereocystis	luetkeana	Tim Dillavou	1-May-07	lower intertidal	Common	

## San Juan Island--Cattle Point

## Phaeophyta

Nereocystis	luetkeana	Trisha O'Hearne	1-May-07	Floating in the water in the low intertidal	Dominant	Has a bulb on the end that attaches to land
Nereocystis	luetkeana	Elishia Stefanowsk	1-Jun-08	in the subtidal zone	Abundant	
Nereocystis	luetkeana	Geoff King	1-May-08	Small isolated patch floating in the sub tidal region near the shore. Depth roughly four feet.	Uncommon	
Nereocystis	luetkeana	Giovannina Souers	1-May-08	out in the water past the rocky intertidal area	Abundant	
Sargassum	muticum	Giovannina Souers	1-May-08	floating in the water and washed up along the beach	Uncommon	

## Rhodophyta

Genus	Species	Student	Date	Location	Abund.	Comments
Chondracanthus	exasperatus	Jessica Pearson	1-May-07	Found in the low and mid-intertidal zones.	Common	Identified using Whelks to Whales by its iridescent appearance in the water.
Chondracanthus	exasperatus	Lindsay France	1-May-07	Found in low intertidal tide pools, subtidal.	Abundant	
Chondracanthus	exasperatus	Holly Beimler	1-May-08	This was observed in the water.	Uncommon	This was identified using the Sept guide, and I am confident in this observation.
Chondracanthus	exasperatus	Lindsay McCormic	1-May-08	On the rocks closer to waters edge	Uncommon	
Corallina	spp	Elishia Stefanowsk	1-Jun-08	Attached to rocks in the mid and lower intertidal zones	Abundant	
Corallina	spp	Giovannina Souers	1-May-08	in the tide pools and on moist or shaded rocks in the lower intertidal areas	Common	
Endocladia	muricata	Jessica Pearson	1-May-07	Found in the rocky, high intertidal zone	Common	Recognized from previous sites.
Endocladia	muricata	Lindsay France	1-May-07	low intertidal	Abundant	high algal diversity
Endocladia	muricata	Shawna Donley	1-May-07	Tide pools	Common	

## San Juan Island--Cattle Point

## Rhodophyta

Endocladia	muricata	Giovannina Souers	1-May-08	found on the rocky shelves in the mid intertidal areas, below the level of fucus but above the water line.	Common	
Halosaccion	glandiforme	Hannah Julich	1-May-07	Mid intertidal	Uncommon	Living attached to rocks
Halosaccion	glandiforme	Jessica Pearson	1-May-07	Found in the mid-intertidal zone.	Common	Identified using Whelks to Whales Distinguishing characteristics: green finger-like, fluid filled sacs. Common names: Dead man's fingers, condoms of the sea.
Halosaccion	glandiforme	Lindsay France	1-May-07	Found throughout the mid and lower intertidal.	Abundant	High algal diversity.
Halosaccion	glandiforme	Giovannina Souers	1-May-08	on the rocks interspersed with the rock weed	Uncommon	
Lithothamnion	sp	Holly Beimler	1-May-08	This was observed on the rocks that were closer to the water.	Common	This was identified using the Sept guide, and I am confident in this observation.
Mazzaella	spendens	Hannah Julich	1-May-07	Low intertidal	Uncommon	Looks like an oil slick on the water
Mazzaella	spendens	Lindsay France	1-May-07	Mostly found in low and subtidal zones. Some found in tidepools of mid tidal zone.	Common	
Mazzaella	spendens	Lisa Hannon	1-May-07		Dominant	
Mazzaella	spendens	Nina Volk	1-May-07	Mid to low intertidal.	Common	This looks purplish blue under water and out of the water looked burgandy.
Mazzaella	spendens	Shawna Donley	1-May-07	Low Intertidal	Common	
Mazzaella	spendens	Elishia Stefanowsk	1-Jun-08	Floating in the subtidal zone	Uncommon	
Mazzaella	spendens	Holly Beimler	1-May-08	This was found in the water.	Uncommon	This was identified using the Sept guide, and I am confident in this observation.
Mazzaella	spendens	Sarah Mangum	1-May-08	low to mid intertidal	Uncommon	
Neoptilota	asplenioides	Elishia Stefanowsk	1-Jun-08	attached to rocks in the lower intertidal zone	Common	

San Juan Island--Cattle Point

Rhodophyta

Odonthalia	floccosa	Giovannina Souers	1-May-08	on the rocks in the mid intertidal areas, in the tide pools and under ledges	Uncommon	
Porphyra	sp	Elishia Stefanowsk	1-Jun-08	layinf on top of rocks in the lower intertidal zone	Common	
Porphyra	sp	Geoff King	1-May-08	Sub tidal zone near waters edge. Depth roughly three feet. Mixed in with several other types of algae.	Common	Identified by another student.
Porphyra	sp	Giovannina Souers	1-May-08	on the rocks intermixed with the rock weed but not nearly as much	Uncommon	
Unidentified red al	sp	Lisa Hannon	1-May-07		Dominant	