

San Juan Island--Argyle Creek

Animals

Annelida

Genus	Species	Student	Date	Location	Abund.	Comments
Serpula	vermicularis	Holly Beimler	1-May-08	This was found on the shells of oysters.	Common	This was identified using the Sept guide, and I am reasonably confident in this observation.
Serpula	vermicularis	Lindsay McCormic	1-May-08	Underneath the rocks in zone 2	Uncommon	I only saw three, there may have been more

Arthropoda

Genus	Species	Student	Date	Location	Abund.	Comments
Balanus	glandula	Nina Volk	1-May-07	On larger rocks that were in the creek.	Common	
Balanus	glandula	Tim Dillavou	1-May-07	midintertidal	Common	
Balanus	glandula	Amanda Ruby	1-May-08	Zone1	Dominant	White-ish/ gray, cone shaped.
Balanus	glandula	Elishia Stefanowsk	1-May-08	attached to rocks in middle of stream	Common	
Balanus	glandula	Geoff King	1-May-08	Attached to rocks of all sizes underneath the water. Found in zones 1 and 2.	Common	Larger and different coloration than Chthamalus (Balanus is usually grey rather than the brown of chthamalus).
Balanus	glandula	Holly Beimler	1-May-08	This was observed in the Zone 1 area.	Common	This was identified using the Sept guide, and I am confident in this observation.
Chthamalus	dalli	Elishia Stefanowsk	1-May-08	attached to rocks through out stream	Abundant	
Chthamalus	dalli	Giovannina Souers	1-May-08	on the rocks in zone 1 and 2	Common	
Hemigrapsus	nudus	Lisa Hannon	1-May-07		Common	
Hemigrapsus	nudus	Elishia Stefanowsk	1-May-08	found under rocks through out stream	Common	
Hemigrapsus	nudus	Geoff King	1-May-08	Located near shore in very shallow water (roughly one inch deep). Zone 4.	Rare	The purple carapace and the white spots on the shell were used to identify this species.

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Arthropoda

Hemigrapsus	nudus	Giovannina Souers	1-May-08	under and in the rocks in zone 1 and 2	Uncommon	
Hemigrapsus	nudus	Holly Beimler	1-May-08	This was found in Zone 2 of the creek	Common	This was identified using the Sept guide, and I am confident in this observation.
Hemigrapsus	nudus	Lindsay McCormic	1-May-08	found in zone two beneath the rocks	Abundant	
Hemigrapsus	oregonensis	Amanda Ruby	1-May-08	Zone 2	Common	mottled white with fine hairs growing on the legs
Hemigrapsus	oregonensis	Elishia Stefanowsk	-May-08	under rocks through out stream	Common	
Pagurus	hirsutiussculus	Giovannina Souers	1-May-08	in the rocks in Zone 1	Uncommon	
Pagurus	sp	Nina Volk	1-May-07	In the creek that connects the bay and the lagoon.	Common	
Pagurus	sp	Elishia Stefanowsk	-May-08	Found under rocks and in tide pools, in mid and lower intertidal zones	Common	
Semibalanus	cariosus	Nina Volk	1-May-07	On larger rocks that were in the creek.	Common	
Semibalanus	cariosus	Amanda Ruby	1-May-08	Zone 2	Abundant	Many downward spines covering steep walls
Semibalanus	cariosus	Elishia Stefanowsk	-May-08	attached to rocks in middle of stream	Common	
Semibalanus	cariosus	Giovannina Souers	1-May-08	on the rocks in zone 2	Common	
Semibalanus	cariosus	Holly Beimler	1-May-08	This was found in Zone 1 of the creek	Common	This was identified using the Sept guide, and I am confident in this observation.
Semibalanus	cariosus	Lindsay McCormic	1-May-08	On the rocks in zone 3	Abundant	
Semibalanus	cariosus	Sarah Mangum	1-May-08	zone 1 and 2	Abundant	

Brachiopoda

Genus	Species	Student	Date	Location	Abund.	Comments
Terebratalia	transversa	Elishia Stefanowsk	-May-08	attached to rocks through out stream	Common	

Chordata

Genus	Species	Student	Date	Location	Abund.	Comments
Cnemidocarpa	finmarkiensis	Shawna Donley	i-May-07	mid intertidal	Rare	
Cnemidocarpa	finmarkiensis	Elishia Stefanowsk	-May-08	on under side of rocks in stream	Uncommon	
Oligocottus	maculosus	Elishia Stefanowsk	-May-08	found in stream	Common	

Echinodermata

Genus	Species	Student	Date	Location	Abund.	Comments
Amphipholis	squamata	Elishia Stefanowsk	-May-08	under rock near edge of stream	Uncommon	

Ectoprocta

Genus	Species	Student	Date	Location	Abund.	Comments
Eurystomella	bilabiata	Elishia Stefanowsk	-May-08	on under side of rocks in stream	Common	
Membranipora	membranacea	Elishia Stefanowsk	-May-08	on under side of rocks in stream	Common	
Membranipora	membranacea	Giovannina Souers	i-May-08	on the rocks in zone 1	Uncommon	

Mollusca

Genus	Species	Student	Date	Location	Abund.	Comments
Acanthodoris	brunnea	Amanda Ruby	i-May-08	Zone 4- high velocity flow	Abundant	Smooth brown elongated shell with white checkered spots
Acanthodoris	brunnea	Elishia Stefanowsk	-May-08	found under rock in middle of stream, near fast flow part of stream	Rare	
Aeolidia	papillosa	Lisa Hannon	i-May-07		Uncommon	
Anisodoris	nobilisa	Lisa Hannon	i-May-07	Intertidal but underwater on top of substrate	Common	14 cm long. Gregarious congregation.
Anisodoris	nobilisa	Giovannina Souers	i-May-08	in the zone 1 pool	Rare	
Archidoris	montereyensis	Sarah Mangum	i-May-08	in zone 1	Common	
Batillaria	zonalis	Elishia Stefanowsk	-May-08	on under side of rocks in stream	Uncommon	
Ceratostoma	foliatum	Elishia Stefanowsk	-May-08	attached to rocks in middle of stream	Uncommon	

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Mollusca

Chlamys	rubida	Elishia Stefanowsk	-May-08	on and under rocks in stream	Uncommon	
Clinocardium	nuttalli	Sarah Mangum	1-May-08	zone 1	Common	
Crassostrea	gigas	Hannah Julich	1-May-07	Lagoon side	Dominant	Oysters were so thick they were nearly touching. Many were as large as my hand. BJB: Site changed to Argyle Creek from Salt Creek.
Crassostrea	gigas	Lindsay France	1-May-07	Created a flat.	Dominant	
Crassostrea	gigas	Lisa Hannon	1-May-07		Dominant	
Crassostrea	gigas	Amanda Ruby	1-May-08	Zone 1- lagoon	Abundant	gray to white shell. Irregular shape with fluted exterior edge.
Crassostrea	gigas	Elishia Stefanowsk	-May-08	found attached to rocks in middle of stream	Common	
Crassostrea	gigas	Holly Beimler	1-May-08	These were found in the zone 1 area of the creek.	Dominant	These were identified using the Sept guide, and I am confident in this observation.
Crassostrea	gigas	Lindsay McCormic	1-May-08	Found in zone 1 and 2, partially submerged in substrate	Common	
Crassostrea	gigas	Sarah Mangum	1-May-08	zone 1	Dominant	
Diaulula	sandiegensis	Lisa Hannon	1-May-07	Found in high intertidal	Rare	14 cm long. Very large dark brown morph. Dark brown (almost black) colored dorsum with numerous brown to black blotches or rings. Identified by Dr. Michael Behrens, PLU Biology professor.
Diodora	aspera	Tim Dillavou	1-May-07	lower intertidal	Common	
Katharina	tunicata	Lindsay France	1-May-07	found in pebble substrate, and large pools from the creek.	Abundant	
Katharina	tunicata	Tim Dillavou	1-May-07	lower intertidal	Common	
Katharina	tunicata	Elishia Stefanowsk	-May-08	found in stream in higher flow part of stream	Uncommon	
Katharina	tunicata	Lindsay McCormic	1-May-08	On the rocks throughout zone 1 and 2	Abundant	
Lirabuccinum	dirum	Elishia Stefanowsk	-May-08	attached to rocks in middle of stream	Uncommon	

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Mollusca

Littorina	scutulata	Nina Volk	i-May-07			
Littorina	scutulata	Elishia Stefanowsk	-May-08	on rocks in stream	Common	
Littorina	scutulata	Giovannina Souers	i-May-08	all over the rocks in Zone 3	Abundant	
Lottia	asmi	Elishia Stefanowsk	-May-08	attached to rocks in stream	Common	
Lottia	pelta	Giovannina Souers	i-May-08	all over on the rocks in zone 1 and 2	Abundant	
Lottia	pelta	Sarah Mangum	i-May-08	zone 1	Abundant	
Mopalia	ciliata	Elishia Stefanowsk	-May-08	found in stream attached to rocks	Uncommon	
Mopalia	ciliata	Lindsay McCormic	i-May-08	On the rocks in zone two	Common	Not as abundant as the Katherina tunicata,
Mopalia	muscosa	Lindsay France	i-May-07	Found in creek bed and I pools.	Abundant	Many chiton species present.
Mopalia	muscosa	Lisa Hannon	i-May-07		Common	
Mopalia	muscosa	Nina Volk	i-May-07	In the creek that connects the bay and the lagoon.	Common	
Mopalia	muscosa	Tim Dillavou	i-May-07	lower intertidal	Common	
Mopalia	muscosa	Elishia Stefanowsk	-May-08	attached to rocks through out stream	Abundant	
Mopalia	muscosa	Holly Beimler	i-May-08	This was found in the Zone 1 area of the creek	Common	This was identified with the Sept guide, and I am confident in this observation.
Mopalia	muscosa	Sarah Mangum	i-May-08	zone 1 & 2	Abundant	
Mytilus	californianus	Hannah Julich	i-May-07	Mostly in creek portion	Dominant	Mussel beds very thick. BJB: Site changed from Salt Creek to Argyle Creek.
Mytilus	californianus	Lindsay France	i-May-07	Found on rocks in flowing creek water: exposed.	Common	
Mytilus	californianus	Nina Volk	i-May-07	On the edges of the creek.	Abundant	
Mytilus	californianus	Tim Dillavou	i-May-07	lower intertidal	Abundant	
Mytilus	californianus	Elishia Stefanowsk	-May-08	found wedged in rocks through out stream	Common	
Mytilus	californianus	Sarah Mangum	i-May-08	zone 2	Abundant	

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Mytilus	trossulus	Hannah Julich	1-May-07	All parts of the creek	Dominant	Mussels lived in thick colonies. BJB: Site changed from Salt Creek to Argyle Creek.
Mytilus	trossulus	Lindsay France	1-May-07	Created mussel beds on pebble sediment along side of creek. Pepered with mytilis californianus.	Dominant	
Mytilus	trossulus	Amanda Ruby	1-May-08	Zone 2	Common	blue-ish/ black shells with distictive smooth wedge-shaped shell.
Mytilus	trossulus	Elishia Stefanowsk	1-May-08	found allong stream eadge and through out stream, attached to rocks	Abundant	
Mytilus	trossulus	Geoff King	1-May-08	Found in large clusters in middle of creek across all four zones.	Abundant	Was found in all four zones but was most abundant in zones 3 and 4.
Mytilus	trossulus	Giovannina Souers	1-May-08	on the rocks in zone 1	Uncommon	
Mytilus	trossulus	Holly Beimler	1-May-08	This was found in Zone 1 of the creek.	Uncommon	This was identified using the Sept guide, and I am confident in this obseravation.
Mytilus	trossulus	Lindsay McCormic	1-May-08	On the surface in zone 2	Common	
Nucella	emarginata	Lisa Hannon	1-May-07		Common	
Nucella	emarginata	Elishia Stefanowsk	1-May-08	attached to rocks in stream	Common	
Nucella	emarginata	Geoff King	1-May-08	Attached to medium sized rocks underneath the water. Found in all four zones.	Common	Several examples of Nucella were found around the site. The identification of the one observed as N. emarginata represents a "best guess" as it was the one that closest matched the parameters in the Sept textbook.
Nucella	emarginata	Giovannina Souers	1-May-08	on the rocks in Zne 2 and 3	Uncommon	
Nucella	emarginata	Lindsay McCormic	1-May-08	On the rocks in zone two closer to the shore line	Common	
Nucella	lamellosa	Sarah Mangum	1-May-08	zone 2	Common	

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Mollusca

Rostanga	pulchra	Hannah Julich	i-May-07	Oyster lagoon not far from the creek	Uncommon	Three together with a frill of eggs. BJB: Changed to Argyle Creek from Fox Island.
Rostanga	pulchra	Lindsay France	i-May-07	Found in oyster (Crassostrea gigas) beds.	Common	Argyle Creek
Rostanga	pulchra	Shawna Donley	i-May-07	mid intertidal	Rare	
Saxidomus	gigantea	Sarah Mangum	i-May-08	zone 2	Common	
Tectura	persona	Elishia Stefanowsk	-May-08	attached to rocks in stream	Common	
Tectura	scutum	Amanda Ruby	i-May-08	Zone 2	Abundant	Gray in color with off white blotches; apex of shell relatively low
Tectura	scutum	Elishia Stefanowsk	-May-08	attached to rocks in stream	Common	
Tectura	scutum	Giovannina Souers	i-May-08	all over the rocks in zone 2	Abundant	
Tegula	funerbralis	Hannah Julich	i-May-07	All throughout creek	Abundant	Covered many surfaces, including mussels. BJB: Site changed to Argyle Creek from Salt Creek.
Tonicella	lineata	Lisa Hannon	i-May-07		Common	
Tonicella	lineata	Nina Volk	i-May-07	In the creek that connects the bay and the lagoon attached to a rock.	Common	
Tonicella	lineata	Lindsay McCormic	i-May-08	On the rocks in zone 2	Uncommon	Not seen as much as the Katherina tunicata

Sipuncula

Genus	Species	Student	Date	Location	Abund.	Comments
Phascolosoma	sp	Elishia Stefanowsk	-May-08	found in sediment in stream	Uncommon	

Plants

Chlorophyta

Genus	Species	Student	Date	Location	Abund.	Comments
Enteromorpha	sp	Elishia Stefanowsk	-May-08	attached to rocks in upper portion of stream	Uncommon	
Ulva	spp	Jessica Pearson	i-May-07	Found on shore on the rocks, near the creek bed.	Common	Recognized from previous sites.

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Chlorophyta

Ulva	spp	Amanda Ruby	1-May-08	Zone 2- creek opening, shallow water, along shoreline	Common	light green blade, smooth surface with ruffled edge
Ulva	spp	Elishia Stefanowsk	-May-08	attached to rocks near upper part of stream	Common	
Ulva	spp	Giovannina Souers	1-May-08	washed up on the beach and in the zone 1 pool	Common	
Ulva	spp	Holly Beimler	1-May-08	This was observed in Zone 1.	Abundant	This was identified using the Sept guide, and I am confident in this observation.

Magnoliophyta

Genus	Species	Student	Date	Location	Abund.	Comments
Zostera	marina	Giovannina Souers	1-May-08	in the softer substrate in Zone 1	Common	

Rhodophyta

Genus	Species	Student	Date	Location	Abund.	Comments
Porphyra	sp	Amanda Ruby	1-May-08	Zone 4- high velocity flow	Abundant	Purple, single broad blade, irregular in shape, with ruffled margins