

# APPENDIX E: SPECIES

The following species list is drawn largely from those likely to be encountered in the Strait of Georgia. If you are working in another area, contact the DFO representative to get additional species. Where different plants have the same common name be certain to record the Latin name, so as to indicate which of the species you have identified.

## INTERTIDAL PLANTS

### Brown Algae

COMMON NAME	LATIN NAME	TAXA LEVEL
Brown Algae	Phaeophyta	phylum
Sargassum/Japanese Weed	<i>Sargassum muticum</i>	species
Bladderwrack/Rock weed	<i>Fucus</i>	genus
Rock Weed	<i>Fucus gardneri</i>	species
Sea or Tan Cauliflower	<i>Leathesia difformis</i>	species
Ralfsia	<i>Ralfsia</i>	genus
Sausage Links	<i>Scytosiphon lomentaria</i>	species
Acid Kelp	<i>Desmarestia ligulata</i>	species
Bull Kelp	<i>Nereocystis luetkeana</i>	species
Sugar Kelp	<i>Laminaria saccharina</i>	species
One-Rib Ribbon Kelp or Alaria	<i>Alaria marginata</i>	species

### Red Algae

COMMON NAME	LATIN NAME	TAXA LEVEL
Red Algae	Rhodophyta	phylum
<i>Gracilaria</i>	<i>Gracilaria sjoestedtii</i>	species
Black Pine/Sea Pine	<i>Rhodomela larix</i>	species
Sea Brush	<i>Odonthalia floccosa</i>	species
Crisp Leather	<i>Mastocarpus papillata</i>	species
Shiny Blade	<i>Iridaea cordata</i>	species
Turkish Towel	<i>Gigartina exasperata</i>	species
<i>Plocamium</i>	<i>Plocamium</i>	genus
<i>Gelidium</i>	<i>Gelidium</i>	genus
<i>Petrocelis</i>	<i>Petrocelis franciscana</i>	species
Sea Sac	<i>Halosaccion glandiforme</i>	species
<i>Hildenbrandia</i>	<i>Hildenbrandia</i>	genus
Jointed Pink Weed	<i>Bossiella</i>	genus
Pink Crust	<i>Lithophyllum</i>	genus
Pink Crust	<i>Lithothamnium</i>	genus
Jointed Pink Weed	<i>Calliarthron</i>	genus

## Red Algae

COMMON NAME	LATIN NAME	TAXA LEVEL
Jointed Pink Weed	<i>Corallina</i>	genus
Red Tufted Algae	<i>Endocladia muricata</i>	species
Iodine Kelp/Railroad Strap	<i>Prionitis lanceolata</i>	species
Red Laver/Nori/Dulse	<i>Porphyra</i>	genus
Bald Sea Hair	<i>Bangia fuscopurpurea</i>	species

## Green Algae

COMMON NAME	LATIN NAME	TAXA LEVEL
Green Algae	Chlorophyta	phylum
Green Filament	<i>Ulothrix</i>	genus
Green Moss	<i>Cladophora</i>	genus
Sea Lettuce	<i>Ulva</i>	genus
Sea Lettuce	<i>Monostroma</i>	genus
Sea Hair/Sea Confetti	<i>Enteromorpha</i>	genus

## Submerged Flowering Plants

COMMON NAME	LATIN NAME	TAXA LEVEL
Surf Grass	<i>Phyllospadix</i>	genus
Eelgrass	<i>Zostera</i>	genus
Native Eelgrass	<i>Zostera marina</i>	species
Introduced Eelgrass	<i>Zostera japonica</i>	species
Common Mare's Tails	<i>Hippuris vulgaris</i>	species

## Spray Zone Flowering Plants

COMMON NAME	LATIN NAME	TAXA LEVEL
Sea Arrow-grass	<i>Triglochin maritimum</i>	species
Thrift	<i>Armeria maritima</i>	species
Seaside Plantain	<i>Plantago maritima</i>	species
Coastal Strawberry	<i>Fragaria chiloensis</i>	species
Orache	<i>Atriplex patula</i>	species
Pickleweed/American Glasswort	<i>Salicornia virginica</i>	species
Sea Milk-wort	<i>Glaux maritima</i>	species

## BACKSHORE

### Grasses, Rushes, and Sedges

COMMON NAME	LATIN NAME	TAXA LEVEL
Ditch-Grass	<i>Ruppia maritima</i>	species
Arctic Rush	<i>Juncus arcticus</i>	species
Toad Rush	<i>Juncus bufonius</i>	species
Common Rush	<i>Juncus effusus</i>	species
Sickle-leaved Rush	<i>Juncus falcatus</i>	species
Brewer's Rush	<i>Juncus leseuerii</i>	species
Lyngby's Sedge	<i>Carex lyngbyei</i>	species
Large-headed Sedge	<i>Carex macrocephala</i>	species
Spike Bentgrass	<i>Agrostis exarata</i>	species
European Beachgrass	<i>Ammophila arenaria</i>	species
Nootka Reedgrass	<i>Calamagrostis nutkaensis</i>	species
Seashore Saltgrass	<i>Distichlis spicata</i>	species
Dunegrass	<i>Elymus mollis</i>	species
Meadow Barley	<i>Hordeum brachyantherum</i>	species
Seacoast Bulrush	<i>Scirpus maritimus</i>	species
Tule	<i>Scirpus lacustris</i>	species

### Other Flowering Plants

COMMON NAME	LATIN NAME	TAXA LEVEL
California Poppy	<i>Eschscholzia californica</i>	species
Canadian Sand-spurry	<i>Spergularia canadensis</i>	species
Beach Sand-spurry	<i>Spergularia macrotheca</i>	species
Goosefoot Family	Chenopodiaceae	family
Knotweed Family	Polygonaceae	family
Black Knotweed	<i>Polygonum paronychia</i>	species
Willow Dock	<i>Rumex salicifolius</i>	species
Pea Family	Leguminosae	family
Beach Pea	<i>Lathyrus japonicus</i>	species
Gray Beach Peavine	<i>Lathyrus littoralis</i>	species
Nootka Lupine	<i>Lupinus nootkatensis</i>	species
Small-flowered Lotus	<i>Lotus microanthus</i>	species
Seashore Lupine	<i>Lupinus littoralis</i>	species
Salt Marsh Dodder	<i>Cuscuta salina</i>	species
Borage Family	Boraginaceae	family
Aster Family	Asteraceae	family
Silver Burweed	<i>Artemisia norvegica</i>	species
Fleshy Jaumea	<i>Jaumea carnosa</i>	species
Brass Buttons	<i>Cotula coronopifolia</i>	species

## Other Flowering Plants (continued)

COMMON NAME	LATIN NAME	TAXA LEVEL
Dune Tansy	<i>Tanacetum douglasi</i>	species
Contorted-pod Evening Primrose	<i>Camissonia contorta</i>	species
Carrot Family	Umbelliferae	family
Beach Carrot	<i>Glehnia littoralis</i>	species
American Searocket	<i>Cakile edentula</i>	species
Black Twinberry	<i>Lonicera involucrata</i>	species
Twinflower	<i>Linnaea borealis</i>	species
Scurvy Grass	<i>Cochlearia officinalis</i>	species

## Ferns & Horsetails

COMMON NAME	LATIN NAME	TAXA LEVEL
Scouring Rush	<i>Equisetum hyemale</i>	species
Bracken Fern	<i>Pteridium aquilinum</i>	species
Licorice Fern	<i>Polypodium glycyrrhiza</i>	species
Maidenhair Fern	<i>Adiantum pedatum</i>	species
Lady Fern	<i>Athyrium filix-femina</i>	species
Sword Fern	<i>Polystichum</i>	genus

## Coniferous Trees

COMMON NAME	LATIN NAME	TAXA LEVEL
Conifer	Coniferales	order
Spruce	<i>Picea</i>	genus
Pine	<i>Pinus</i>	genus
Western Hemlock	<i>Tsuga heterophylla</i>	species
Douglas-fir	<i>Pseudotsuga menziesii</i>	species
Grand Fir	<i>Abies grandis</i>	species
Sitka Spruce	<i>Picea sitchensis</i>	species
Shore Pine	<i>Pinus contorta</i>	species
Western White Pine	<i>Pinus monticola</i>	species
Western Yew	<i>Taxus brevifolia</i>	species
Western Redcedar	<i>Thuja plicata</i>	species

## Deciduous Trees

COMMON NAME	LATIN NAME	TAXA LEVEL
Garry Oak	<i>Quercus garryana</i>	species
Red Alder	<i>Alnus rubra</i>	species
Black Cottonwood	<i>Populus balsamifera</i>	species
Douglas Maple	<i>Acer glabrum</i>	species
Bigleaf Maple	<i>Acer macrophyllum</i>	species
Western Flowering Dogwood	<i>Cornus nuttallii</i>	species
Cascara	<i>Rhamnus purshiana</i>	species
Vine Maple	<i>Acer circinatum</i>	species
Arbutus	<i>Arbutus menziesii</i>	species

## Shrubs and Woody Plants

COMMON NAME	LATIN NAME	TAXA LEVEL
Hooker's Willow	<i>Salix hookeriana</i>	species
Pacific Willow	<i>Salix lucida</i>	species
Hairy Manzanita	<i>Arctostaphylos columbiana</i>	species
Kinnikinnick	<i>Arctostaphylos ulva-ursi</i>	species
Evergreen Huckleberry	<i>Vaccinium ovatum</i>	species
Red Huckleberry	<i>Vaccinium parvifolium</i>	species
Salal	<i>Gaultheria shallon</i>	species
False Azalea	<i>Menziesia ferruginea</i>	species
Stink Currant	<i>Ribes bracteosum</i>	species
Black Hawthorn	<i>Crataegus douglasii</i>	species
Common Hawthorn	<i>Crataegus monogyna</i>	species
Bitter Cherry	<i>Prunus emarginata</i>	species
Baldhip Rose	<i>Rosa gymnocarpa</i>	species
Nootka Rose	<i>Rosa nutkana</i>	species
Himalayan Blackberry (Common Blackberry)	<i>Rubus discolor</i>	species
Evergreen Blackberry	<i>Rubus laciniatus</i>	species
Saskatoon	<i>Amelanchier alnifolia</i>	species
Oceanspray	<i>Holodiscus discolor</i>	species
Pacific Ninebark	<i>Physocarpus capitatus</i>	species
Introduced Mountain-ash	<i>Sorbus aucuparia</i>	species
Thimbleberry	<i>Rubus parviflorus</i>	species
Salmonberry	<i>Rubus spectabilis</i>	species
Trailing Blackberry	<i>Rubus ursinus</i>	species
Gorse	<i>Ulex europaeus</i>	species
Scotch Broom	<i>Cytiscus scoparius</i>	species
Red Elderberry	<i>Sambucus racemosa</i>	species
Common Snowberry	<i>Symphoricarpos albus</i>	species

## Shrubs and Woody Plants (continued)

COMMON NAME	LATIN NAME	TAXA LEVEL
Devil's Club	<i>Oplopanax horridus</i>	species
Oregon Grape	<i>Mahonia</i>	genus
Highbush-Cranberry	<i>Viburnum edule</i>	species
Western Trumpet Honeysuckle	<i>Lonicera ciliosa</i>	species

## Mosses

COMMON NAME	LATIN NAME	TAXA LEVEL
Mosses	Bryophyta	phylum

## INTERTIDAL INVERTEBRATES

### Amphipods

COMMON NAME	LATIN NAME	TAXA LEVEL
Small Beach Hopper	<i>Traskorchestia traskiana</i>	species
Kelp Flea (Gammarid amphipods)	Gammaridea	class

### Barnacles

COMMON NAME	LATIN NAME	TAXA LEVEL
Thatched Barnacle	<i>Semibalanus cariosus</i>	species
Brown Barnacle	<i>Chthamalus dalli</i>	species
Common Barnacle	<i>Balanus glandula</i>	species

### Bivalves

COMMON NAME	LATIN NAME	TAXA LEVEL
Butter Clam	<i>Saxidomus gigantea</i>	species
Pacific Littleneck Clam	<i>Protothaca staminea</i>	species
Japanese Littleneck Clam	<i>Venerupis philippinarum</i>	species
Green False-jingle	<i>Pododesmus cepio</i>	species
Dark Mahogany Clam	<i>Nuttallia obscurata</i>	species
Pacific Blue Mussel	<i>Mytilus edulis</i> complex	species
Softshell Clam	<i>Mya arenaria</i>	species

## Bivalves (continued)

COMMON NAME	LATIN NAME	TAXA LEVEL
Macoma Clam	<i>Macoma</i>	genus
Baltic Macoma	<i>Macoma balthica</i>	species
Bent-nose Macoma	<i>Macoma nasuta</i>	species
Pointed Macoma	<i>Macoma inquinata</i>	species
White Sand Macoma	<i>Macoma secta</i>	species
Plain Tellin	<i>Tellina modesta</i>	species
Heart Cockle	<i>Clinocardium nuttallii</i>	species
Olympia Oyster	<i>Ostrea conchaphila</i>	species
Pacific Oyster	<i>Crassostrea gigas</i>	species
Pacific Geoduck	<i>Panopea generosa</i>	species
Fat Gaper (Horse Clam)	<i>Tresus capax</i>	species
Pacific Gaper (Horse Clam)	<i>Tresus nuttallii</i>	species
Rock Entodesma	<i>Entodesma saxicola</i>	species
Arctic Hiatella	<i>Hiatella arctica</i>	species

## Bryozoans

COMMON NAME	LATIN NAME	TAXA LEVEL
Marine Bryozoan	Marine bryozoan	class
Orange Bryozoan Crust	<i>Schizoporella unicornis</i>	species
Leafy Soft Bryozoans	<i>Dendrobeatia lichenoides</i>	species

## Chitons

COMMON NAME	LATIN NAME	TAXA LEVEL
Chiton	Polyplacophora	class
Woody Chiton	<i>Mopalia lignosa</i>	species
Lined Chiton	<i>Tonicella lineata</i>	species
Mossy Chiton	<i>Mopalia muscosa</i>	species
Black Katy Chiton	<i>Katharina tunicata</i>	species

## Crabs

COMMON NAME	LATIN NAME	TAXA LEVEL
Decorator Crab	<i>Oregonia gracilis</i>	species
Kelp Crab	<i>Pugettia producta</i>	species
Porcelain Crab	<i>Petrolisthes eriomerus</i>	species
Cancer Crab	<i>Cancer</i>	genus
Red Rock Crab	<i>Cancer productus</i>	species
Graceful Crab	<i>Cancer gracilis</i>	species

## Crabs (continued)

COMMON NAME	LATIN NAME	TAXA LEVEL
Dungeness Crab	<i>Cancer magister</i>	species
Shore Crab	<i>Hemigrapsus</i>	genus
Purple Shore Crab	<i>Hemigrapsus nudus</i>	species
Green Shore Crab	<i>Hemigrapsus oregonensis</i>	species
Black Clawed Crab	<i>Lophopanopeus bellus</i>	species
Hermit Crab	<i>Pagurus</i>	genus
Pea Crab	<i>Pinnixa faba</i>	species

## Diatoms

COMMON NAME	LATIN NAME	TAXA LEVEL
Brown Grunge	Bacillariophyta	phylum

## Snails, Nudibranchs, and Limpets

COMMON NAME	LATIN NAME	TAXA LEVEL
Keyhole Limpets	Fissurellacea	superfamily
True Limpets (no key holes)	Patellacea	superfamily
Ribbed Limpet	<i>Lottia digitalis</i>	species
Shield Limpet	<i>Lottia pelta</i>	species
Whitecap Limpet	<i>Acmaea mitra</i>	species
Plate Limpet	<i>Tectura scutum</i>	species
Mask Limpet	<i>Tectura persona</i>	species
Screw Shell	<i>Batillaria cumingi</i>	species
Dire Whelk	<i>Lirabuccinum dirum</i>	species
Frilled Dogwinkle	<i>Nucella lamellosa</i>	species
Striped Dogwinkle	<i>Nucella emarginata</i>	species
Periwinkle	<i>Littorina</i>	genus
Sitka Periwinkle	<i>Littorina sitkana</i>	species
Checkered Periwinkle	<i>Littorina scutulata</i>	species
Lewis's Moon Snail	<i>Polinices lewisii</i>	species
Green Bubble Shell	<i>Haminoea virescens</i>	species
Dove Shells	<i>Amphissa</i>	genus
Leafy Hornmouth	<i>Ceratostoma foliatum</i>	species
Northern Compact Worm Snail	<i>Petalochonchus compactus</i>	species
Blue-top Snail	<i>Calliostoma ligatum</i>	species
Ringed Nudibranch	<i>Discodoris sandiegensis</i>	species
Yellow Sea Slug	<i>Archidoris montereyensis</i>	species
Brown Sea Slug	<i>Onchidoris bilamellata</i>	species



## Isopods

COMMON NAME	LATIN NAME	TAXA LEVEL
Isopods	Isopoda	order
Sphere Pill Bug	<i>Gnorimosphaeroma</i>	genus
Seaweed Isopod	<i>Idotea</i>	genus
Eelgrass Isopod	<i>Idotea resicata</i>	species
Speckled Pill Bug	<i>Cirolana harfordi</i>	species

## Worms and Worm-Like Animals

COMMON NAME	LATIN NAME	TAXA LEVEL
Free-swimming Flatworm	Turbellaria	class
Type of Flatworm	<i>Leptoplana</i>	genus
Type of Flatworm	<i>Notoplana</i>	genus
Ribbon Worms (Proboscis Worms)	Nemertea	phylum
Orange Nemertean	<i>Tubulanus polymorphus</i>	species
Mud Nemertean	<i>Paranemertes peregrina</i>	species
Green Ribbon Worm	<i>Emplectonema gracile</i>	species
Pale Ribbon Worm	<i>Amphiporus</i>	genus
Sand Worm/Mussel Worm	<i>Nereis vexillosa</i>	species
Lugworm	<i>Abarenicola pacifica</i>	species
Thread Worm	<i>Notomastus tenuis</i>	species
Sand Worm	<i>Nereis brandti</i>	species
Calcareous Tube Worm	<i>Serpula vermicularis</i>	species
Bamboo Worm	<i>Axiiothella rubrocincta</i>	species
Tiny Tube Worm	<i>Spirorbis</i>	genus
Leather Tubeworm	<i>Eudistylia vancouveri</i>	species
Scale Worm	Polynoidae	family
Peanut Worm*	<i>Phascolosoma agassizi</i>	species

\* belongs to phylum Sipuncula

## Sea Anemones

COMMON NAME	LATIN NAME	TAXA LEVEL
Anemones	Anthozoa	class
Burrowing Anemone	<i>Anthopleura artemisia</i>	species
Red Green Anemone	<i>Urticina crassicornis</i>	species
Aggregate Anemone/ Green Anemone	<i>Anthopleura elegantissima</i>	species
Plumose Or White/ Tan Anemone	<i>Metridium senile</i>	species
Hydroids	Hydrozoa	class
Beard Hydroid	<i>Obelia</i>	genus

## Sea Cucumbers

COMMON NAME	LATIN NAME	TAXA LEVEL
Sea Cucumbers	Holothuroidea	class
Burrowing Sea Cucumber	<i>Leptosynapta clarki</i>	species
Orange Sea Cucumber	<i>Cucumaria miniata</i>	species
Ivory Bristly Cucumber	<i>Eupentacta quinquesemita</i>	species
Orange Chiton Cucumber	<i>Psolus chitinoides</i>	species

## Ascidians/ Sea Squirts

COMMON NAME	LATIN NAME	TAXA LEVEL
Sea Squirts	Ascidacea	class
Red Sea Squirt	<i>Cnemidocarpa finmarkiensis</i>	species
Warty Sea Squirt	<i>Pyura haustor</i>	species

## Sea Stars

COMMON NAME	LATIN NAME	TAXA LEVEL
Sea Stars	Asteroidea	class
Leather Star	<i>Dermasterias imbricata</i>	species
Mottled Star	<i>Evasterias troschelii</i>	species
Purple Star	<i>Pisaster ochraceus</i>	species
Blood Star	<i>Henricia leviuscula</i>	species
Sunflower Star	<i>Pycnopodia helianthoides</i>	species
Six-Armed Star	<i>Leptasterias hexactis</i>	species
Brittle Stars	Ophuroidea	class
Daisy Brittle Star	<i>Ophiopholis aculeata</i>	species

## Sea Urchins & Sand Dollars

COMMON NAME	LATIN NAME	TAXA LEVEL
Red, Purple, or Green Urchins	<i>Strongylocentrotus</i>	genus
Green Urchin	<i>Strongylocentrotus droebachiensis</i>	species
Sand Dollar	<i>Dendaster excentricus</i>	species

## Shrimp

COMMON NAME	LATIN NAME	TAXA LEVEL
Crangon Shrimp	<i>Crangon</i>	genus
Broken Back Shrimp	<i>Heptacarpus</i>	genus
Mud Shrimp	<i>Upogebia pugettensis</i>	species
Ghost Shrimp	<i>Callinassa californiensis</i>	species

## Sponge

COMMON NAME	LATIN NAME	TAXA LEVEL
Sponges	Porifera	phylum
Yellow/Tan Sponge	<i>Halichondria</i>	genus
Red/Purple Sponge	<i>Haliclona</i>	genus
Purple Sponge	<i>Haliclona permollis</i>	species
Orange/Red Sponge	<i>Ophlitaspongia pennata</i>	species
Yellow Sponge	<i>Halichondria bowerbanki</i>	species

## VERTEBRATES

### Fish

COMMON NAME	LATIN NAME	TAXA LEVEL
Gunnel	Pholidae	family
Penpoint Gunnel	<i>Apodichthys flavidus</i>	species
Crescent Gunnel	<i>Pholis laeta</i>	species
High Cockscomb	<i>Anoplarchus purpurescens</i>	species
Sculpins	Cottidae	family
Staghorn Sculpin	<i>Leptocottus armatus</i>	species
Tidepool Sculpin	<i>Oligocottus maculosus</i>	species
Sand Sole	<i>Psettichthys melanostictus</i>	species
Northern Clingfish	<i>Gobiesox maeandricus</i>	species

