

Appendix E: Nisqually NWR Species Lists

E.1 PLANTS

Genus and Species	Family	Common Name	Wetland Status
Trees			
<i>Abies grandis</i>	Pinaceae	grand fir	FACU-
<i>Acer macrophyllum</i>	Aceraceae	big-leaf maple	FACU
* <i>Acer saccharum</i>	Aceraceae	sugar maple	
<i>Alnus rubra</i>	Betulaceae	red alder	FAC
<i>Amelanchier alnifolia</i>	Rosaceae	western serviceberry	FACU
<i>Arbutus menziesii</i>	Ericaceae	pacific madrone	
<i>Cornus nuttallii</i>	Cornaceae	pacific dogwood	
<i>Crataegus douglasii</i>	Rosaceae	Douglas's (black) hawthorn	FAC
* <i>Crataegus laevigata</i> cv.	Rosaceae	Paul's scarlet	
* <i>Crataegus x lavallei</i>	Rosaceae	hawthorn	
* <i>Crataegus monogyna</i>	Rosaceae	common hawthorn	
<i>Fraxinus latifolia</i>	Oleaceae	Oregon ash	FACW
* <i>Ilex aquifolium</i>	Aquifoliaceae	English holly	
<i>Malus fusca</i> [<i>Pyrus</i> f.]	Rosaceae	Oregon crab apple	FAC+
<i>Picea engelmannii</i>	Pinaceae	Engelmann spruce	
<i>Picea sitchensis</i>	Pinaceae	Sitka spruce	FAC
<i>Pinus contorta</i> var. <i>c.</i>	Pinaceae	shore pine	FAC-
* <i>Populus alba</i>	Salicaceae	white poplar	
<i>Populus balsamifera</i> <i>ssp. trichocarpa</i> [<i>P. t.</i>]	Salicaceae	black cottonwood	FAC
* <i>Populus nigra</i> var. <i>italica</i>	Salicaceae	Lombardy poplar	
<i>Populus tremuloides</i>	Salicaceae	quaking aspen	FAC+
* <i>Prunus avium</i>	Rosaceae	sweet cherry	
<i>Prunus emarginata</i> var. <i>mollis</i>	Rosaceae	bitter cherry	FACU
<i>Prunus virginiana</i> var. <i>demissa</i>	Rosaceae	choke cherry	FACU
<i>Pseudotsuga menziesii</i> var. <i>m.</i>	Pinaceae	Douglas-fir	
* <i>Pyrus communis</i>	Rosaceae	cultivated pear	
* <i>Pyrus malus</i>	Rosaceae	cultivated apple	
<i>Rhamnus purshiana</i> [<i>Frangula</i> p.]	Rhamnaceae	casacara	FAC-
<i>Salix scouleriana</i>	Salicaceae	Scouler's willow	FAC
* <i>Sorbus aucuparia</i>	Rosaceae	European mountain ash	
<i>Taxus brevifolia</i>	Taxaceae	pacific yew	FACU-
<i>Thuja plicata</i>	Cupressaceae	western redcedar	FAC
<i>Tsuga heterophylla</i>	Pinaceae	western hemlock	FACU-

* Note: * indicates non-native (introduced)

Genus and Species	Family	Common Name	Wetland Status
Shrubs, Brambles & Vines			
<i>Acer circinatum</i>	Aceraceae	vine maple	FACU+
<i>Arctostaphylos uva-ursi</i> var. <i>u.-u.</i>	Ericaceae	kinnikinnick	FACU-
<i>Berberis aquifolium</i> Pursh [<i>Mahonia a.</i>]	Berberidaceae	tall Oregon-grape	
<i>Berberis nervosa</i> Pursh [<i>Mahonia n.</i>]	Berberidaceae	dull Oregon-grape	FACU
<i>Ceanothus sanguineus</i>	Rhamnaceae	redstem ceanothos	NI
<i>Chaenomeles japonica</i>	Rosaceae	flowering quince	
<i>Chimaphila umbellata</i>	Ericaceae	prince's-pine	
<i>Clematis vitalba</i>	Ranunculaceae	travelers-joy	
<i>Cornus sericea</i>	Cornaceae	red-osier dogwood	FACW
<i>ssp. s.</i> [<i>C. stolonifera</i> var. <i>o.</i>]			
<i>Corylus cornuta</i> var. <i>californica</i>	Betulaceae	hazelnut	NI
* <i>Cotoneaster franchetii</i>	Rosaceae	cv. cotoneaster	
* <i>Cytisus scoparius</i> var. <i>s.</i>	Fabaceae	Scot's broom	
* <i>Euonymus fortunei</i>	Celastraceae	euonymus	
<i>Gaultheria shallon</i>	Ericaceae	salal	FACU
* <i>Hedera helix</i>	Araliaceae	English ivy	
<i>Holodiscus discolor</i> var. <i>d.</i>	Rosaceae	ocean-spray	
* <i>Humulus lupulus</i>	Cannabaceae	hops	NI
<i>Linnaea borealis</i> ssp. <i>longiflora</i>	Caprifoliaceae	western twinflower	FACU-
<i>Lonicera ciliosa.</i>	Caprifoliaceae	orange honeysuckle	
<i>Lonicera hispidula</i> var. <i>h.</i>	Caprifoliaceae	hairy honeysuckle	
<i>Lonicera involucrata</i>	Caprifoliaceae	bearberry honeysuckle	FAC
<i>Oemleria cerasiformis</i>	Rosaceae	Indian plum	FACU
<i>Oplopanax horridus</i>	Araliaceae	Devils'-club	FAC
<i>Philadelphus lewisii</i> var. <i>gordonianus</i>	Philadelphaceae	mock orange	
<i>Physocarpus capitatus</i>	Rosaceae	pacific ninebark	FAC+
* <i>Prunus laurocerasus</i>	Rosaceae	cherry laurel	
<i>Ribes divaricatum.</i> var. <i>d</i>	Grossulariaceae	straggly gooseberry	NI
<i>Ribes sanguineum</i> var. <i>s.</i>	Grossulariaceae	red-flowering current	NI
<i>Rosa gymnocarpa</i> var. <i>g.</i>	Rosaceae	baldhip rose	NI
<i>Rosa nutkana</i> var. <i>n.</i>	Rosaceae	Nootka rose	NI
<i>Rosa pisocarpa</i>	Rosaceae	clustered wild rose	FACU
* <i>Rubus discolor</i>	Rosaceae	Himalayan blackberry	NI
* <i>Rubus laciniatus</i>	Rosaceae	evergreen blackberry	FACU+
<i>Rubus leucodermis</i> var. <i>l.</i>	Rosaceae	blackcap	
<i>Rubus parviflorus</i> var. <i>p.</i>	Rosaceae	thimbleberry	FACU+
<i>Rubus spectabilis</i> var. <i>s.</i>	Rosaceae	salmonberry	FAC
<i>Rubus ursinus</i> ssp. <i>macropetalus</i>	Rosaceae	pacific blackberry	FACU
<i>Salix lucida</i> ssp. <i>lasiandra</i> [<i>S. lasiandra</i>]	Salicaceae	pacific willow	FACW+
<i>Salix sitchensis</i>	Salicaceae	Sitka willow	FACW
<i>Sambucus caerulea</i>	Caprifoliaceae	blue elderberry	FAC-
<i>Sambucus racemosa</i>	Caprifoliaceae	coast red elderberry	FACU
<i>ssp. pubens</i> var. <i>arborescens</i>			
* <i>Solanum dulcamara</i>	Solanaceae	bittersweet	FAC
* <i>Spiraea x vanhouttei</i>	Rosaceae	spirea	
<i>Spiraea douglasii</i> ssp. <i>d.</i>	Rosaceae	Douglas' spirea	FACW
<i>Symphoricarpos albus</i> var. <i>laevigatus</i>	Caprifoliaceae	common snowberry	FACU

Genus and Species	Family	Common Name	Wetland Status
Shrubs, Brambles & Vines (continued)			
<i>Symphoricarpos hesperius</i> [<i>S. mollis</i>]	Caprifoliaceae	creeping snowberry	
<i>Toxicodendron diversilobum</i> [<i>Rhus diversiloba</i>]	Anacardiaceae	poison-oak	FACU
* <i>Ulex europaeus</i>	Fabaceae	gorse	
<i>Vaccinium ovatum</i>	Ericaceae	evergreen huckleberry	NI
<i>Vaccinium parvifolium</i>	Ericaceae	red huckleberry	NI
Grasses			
* <i>Agrostis capillaris</i> [<i>A. tenuis</i>]	Poaceae	colonial bentgrass	
<i>Agrostis exarata</i> var. <i>e.</i>	Poaceae	spike bentgrass	FACW
* <i>Agrostis gigantea</i> [<i>A. alba</i> var. <i>a.</i>]	Poaceae	redtop	FAC
<i>Agrostis scabra</i>	Poaceae	hair bentgrass	FAC
* <i>Agrostis stolonifera</i> [<i>A. alba</i> vars. <i>major</i> & <i>palustris</i>]	Poaceae	creeping bentgrass	FAC+
* <i>Aira caryophyllea</i>	Poaceae	silver hairgrass	
* <i>Aira praecox</i>	Poaceae	early hairgrass	
* <i>Alopecurus geniculatus</i> var. <i>g.</i>	Poaceae	water foxtail	OBL
* <i>Alopecurus pratensis</i>	Poaceae	meadow foxtail	FACW
* <i>Anthoxanthum odoratum</i>	Poaceae	sweet vernalgrass	FACU
* <i>Arrhenatherum elatius</i>	Poaceae	tall oatgrass	
* <i>Bromus hordeaceus</i> subsp. <i>h.</i> [<i>B. mollis</i>]	Poaceae	soft brome	
<i>Bromus pacificus</i>	Poaceae	pacific brome	
<i>Bromus sitchensis</i> var. <i>s.</i>	Poaceae	Alaska brome	
* <i>Bromus tectorum</i>	Poaceae	cheatgrass	
<i>Bromus vulgaris</i>	Poaceae	Columbia brome	UPL
<i>Cinna latifolia</i>	Poaceae	wood reedgrass	FACW
* <i>Cynosurus echinatus</i>	Poaceae	hedgehog dogtail	
* <i>Dactylis glomerata</i>	Poaceae	orchard grass	FACU
<i>Deschampsia cespitosa</i> ssp. <i>beringensis</i>	Poaceae	tufted hairgrass	FACW
<i>Deschampsia danthonioides</i>	Poaceae	annual hairgrass	FACW-
<i>Distichlis spicata</i> var. <i>s.</i>	Poaceae	seashore saltgrass	FACW
* <i>Echinochloa crusgalli</i>	Poaceae	large barnyard-grass	FACW
<i>Elymus glaucus</i>	Poaceae	blue wildrye	FACU
<i>Elymus mollis</i> ssp. <i>m.</i> [<i>Leymus m.</i>]	Poaceae	dune wildrye	FACU
<i>Elymus trachycaulus</i> ssp. <i>t.</i> [<i>Agropyron trachycaulum</i>]	Poaceae	awned wheatgrass	FAC-
* <i>Elytrigia repens</i> [<i>Agropyron r.</i>]	Poaceae	quackgrass	FACU
* <i>Festuca arundinacea</i>	Poaceae	tall fescue	FACU
<i>Festuca rubra</i>	Poaceae	red fescue	FAC
<i>Glyceria elata</i>	Poaceae	tall mannagrass	FACW+
<i>Glyceria leptostachya</i>	Poaceae	slender-spiked mannagrass	OBL
* <i>Holcus lanatus</i>	Poaceae	common velvet-grass	FAC
* <i>Holcus mollis</i>	Poaceae	creeping velvet-grass	
<i>Hordeum brachyantherum</i>	Poaceae	meadow barley	FACW
<i>Hordeum caespitosum</i> [<i>H. jubatum</i>]	Poaceae	foxtail barley	FAC
* <i>Hordeum murinum</i>	Poaceae	wall barley	
* <i>Hordeum vulgare</i>	Poaceae	common barley	
<i>Leersia oryzoides</i>	Poaceae	rice cutgrass	OBL

Genus and Species	Family	Common Name	Wetland Status
Grasses (continued)			
* <i>Lolium multiflorum</i>	Poaceae	Italian ryegrass	
* <i>Lolium perenne</i>	Poaceae	English ryegrass	FACU
<i>Melica subulata</i> var. <i>s.</i>	Poaceae	Alaska oniongrass	
<i>Panicum capillare</i>	Poaceae	common witchgrass	FAC
* <i>Panicum miliaceum</i>	Poaceae	broom corn millet	
* <i>Phalaris arundinacea</i>	Poaceae	reed canary grass	FACW
* <i>Phleum pratense</i> var. <i>p.</i>	Poaceae	common Timothy	FAC-
* <i>Phragmites australis</i>	Poaceae	Common reed	FACW+
* <i>Poa annua</i>	Poaceae	annual bluegrass	FAC-
<i>Poa compressa</i>	Poaceae	Canada bluegrass	FACU
* <i>Poa pratensis</i> ssp. <i>p.</i>	Poaceae	Kentucky bluegrass	FAC
* <i>Poa trivialis</i>	Poaceae	rough bluegrass	FACW
<i>Puccinellia nuttalliana</i> .	Poaceae	Nuttall's alkali grass	FACW+
* <i>Setaria glauca</i> . [<i>S. lutescens</i>]	Poaceae	yellow bristlegress	
<i>Torreyochloa pallida</i>	Poaceae	weak mannagrass	OBL
var. <i>pauciflora</i> [<i>Puccinella pauciflora</i>]			
<i>Trisetum cernuum</i>	Poaceae	nodding trisetum	
* <i>Vulpia bromoides</i> [<i>Festuca b.</i>]	Poaceae	barren fescue	
* <i>Vulpia myuros</i> var. <i>m.</i> [<i>Festuca m.</i>]	Poaceae	rat-tail vulpia	
Sedges and Rushes			
<i>Carex athrostachya</i>	Cyperaceae	slenderbeaked sedge	FACW
<i>Carex canescens</i>	Cyperaceae	grey sedge	FACW+
<i>Carex deweyana</i> . var. <i>d.</i>	Cyperaceae	Dewey's sedge	FACU
<i>Carex hendersonii</i>	Cyperaceae	Henderson's sedge	FAC
<i>Carex lyngbyei</i> var. <i>robusta</i>	Cyperaceae	Lyngby's sedge	OBL
<i>Carex obnupta</i>	Cyperaceae	slough sedge	OBL
<i>Carex stipata</i>	Cyperaceae	sawbeak sedge	OBL
<i>Eleocharis obtusa</i> var. <i>ovata</i> [<i>E. ovata</i>]	Cyperaceae	ovate spike-rush	OBL
<i>Eleocharis palustris</i>	Cyperaceae	creeping spike-rush	OBL
<i>Eleocharis parvula</i> var. <i>p.</i>	Cyperaceae	small spike-rush	OBL
<i>Juncus articulatus</i>	Juncaginaceae	jointed rush	OBL
<i>Juncus balticus</i> var. <i>b.</i>	Juncaginaceae	baltic rush	FACW+
<i>Juncus bolanderi</i>	Juncaginaceae	Bolander's rush	OBL
<i>Juncus bufonius</i>	Juncaginaceae	toad rush	FACW
<i>Juncus effusus</i> var. <i>gracilis</i>	Juncaginaceae	soft rush	FACW
<i>Juncus gerardii</i>	Juncaginaceae	mud rush	FACW+
<i>Juncus tenuis</i> var. <i>t.</i>	Juncaginaceae	slender rush	OBL
<i>Luzula multiflora</i> var. <i>m.</i> [<i>L. campestris</i>]	Juncaginaceae	many-flowered wood-rush	FACU
<i>Luzula parviflora</i> var. <i>fastigiata</i>	Juncaginaceae	small-flowered wood-rush	FAC-
<i>Scirpus americanus</i>	Cyperaceae	three-square bulrush	OBL
<i>Scirpus microcarpus</i>	Cyperaceae	small-flowered bulrush	OBL
<i>Scirpus tabernaemontanii</i> [<i>S. validus</i>]	Cyperaceae	soft-stemmed bulrush	OBL
Forbs			
<i>Achillea millefolium</i> var. <i>Lanulosa</i>	Asteraceae	common yarrow	FACU
<i>Achlys californica</i> [split from <i>A. triphylla</i>]	Berberidaceae	vanillaleaf	
<i>Actaea rubra</i> ssp. <i>arguta</i> .	Ranunculaceae	western red baneberry	

Genus and Species	Family	Common Name	Wetland Status
Forbs (continued)			
* <i>Adenocaulon bicolor</i>	Asteraceae	trail-plant	
* <i>Ajuga reptans</i>	Lamiaceae	common bugle	
<i>Alisma plantago-aquatica</i> var. <i>americanum</i>	Alismataceae	American waterplantain	OBL
<i>Allophyllum divaricatum</i>	Polemoniaceae	pink false gilia	
<i>Amaranthus powellii</i>	Amaranthaceae	Powell's amaranth	
<i>Ambrosia</i>	Asteraceae	heath burweed	
<i>Amsinckia menziesii</i>	Boraginaceae	small-flowered fiddleneck	
<i>Anaphalis margaritacea</i>	Asteraceae	pearly everlasting	
<i>Angelica genuflexa</i>	Apiaceae	kneeling angelica	FACW
<i>Angelica lucida</i>	Apiaceae	seacoast angelica	FAC
* <i>Anthemis cotula</i>	Asteraceae	mayweed	FACU
* <i>Anthriscus caucalis</i> var. <i>c.</i> [<i>A. scandicina</i>]	Apiaceae	burr chervil	
* <i>Arabidopsis thaliana</i>	Brassicaceae	thale cress	
* <i>Arctium minus</i>	Asteraceae	common burdock	
<i>Artemisia suksdorfii</i>	Asteraceae	coastal mugwort	
<i>Asarum caudatum</i>	Aristolochiaceae	wild ginger	FACU
<i>Aster subspicatus</i>	Asteraceae	Douglas aster	FAC+
<i>Atriplex patula</i>	Chenopodiaceae	spearscale	FACW
<i>Barbarea orthoceras</i>	Brassicaceae	American wintercress	FACW+
<i>Bidens cernua</i>	Asteraceae	nodding beggar-ticks	FACW+
<i>Bidens frondosa</i>	Asteraceae	leafy beggar-ticks	FACW+
* <i>Brassica rapa</i> [<i>B. campestris</i>]	Brassicaceae	field mustard rape	
<i>Callitriche heterophylla</i>	Callitrichaceae	diverse-leaved water-starwort	OBL
<i>Camassia quamash</i> ssp. <i>breviflora</i>	Liliaceae	common camas	FACW
<i>Campanula scouleri</i>	Campanulaceae	Scouler's harebell	
* <i>Capsella bursa-pastoris</i> var. <i>b.-p.</i>	Brassicaceae	shepherd's purse	FAC-
<i>Cardamine angulata</i>	Brassicaceae	angled bitter-cress	FACW
<i>Cardamine breweri</i> var. <i>orbicularis</i>	Brassicaceae	Brewer's bitter-cress	FACW+
<i>Cardamine nuttallii</i> var. <i>n</i> [<i>C. pulcherrima</i> var. <i>tenella</i>]	Brassicaceae	Nuttall's bitter-cress	
<i>Cardamine oligosperma</i> var. <i>o.</i>	Brassicaceae	little western bitter-cress	FACW
* <i>Centaureum erythraea</i> Raf. [<i>C. umbellatum</i>]	Gentianaceae	European centaury	FAC-
* <i>Cerastium fontanum</i> var. <i>triviale</i> [<i>C. viscosum</i>]	Caryophyllaceae	sticky chickweed	
* <i>Cerastium glomeratum</i> [<i>C. vulgatum</i>]	Caryophyllaceae	mouse-ear chickweed	
<i>Chamomilla suaveolens</i> [<i>Matricaria matricarioides</i>]	Asteraceae	pineapple weed	FACU
* <i>Chenopodium album</i> var. <i>a.</i>	Chenopodiaceae	lamb's quarters	FAC
<i>Chenopodium hybridum</i>	Chenopodiaceae	sowbane	
<i>Circaea alpina</i> ssp. <i>pacifica</i>	Onagraceae	enchanter's nightshade	FACW
* <i>Cirsium arvense</i> var. <i>horridum</i>	Asteraceae	Canada thistle	FACU+
* <i>Cirsium vulgare</i> (Savi) Tenore	Asteraceae	common thistle	FACU
<i>Claytonia perfoliata</i> ssp. <i>p.</i> [<i>Montia p.</i>]	Portulacaceae	miner's-lettuce	FAC
<i>Claytonia sibirica</i> var. <i>s.</i> [<i>Montia s.</i>]	Portulacaceae	Siberian miner's-lettuce	FACW
<i>Collomia grandiflora</i>	Polemoniaceae	large-flowered collomia	
<i>Collomia heterophylla</i>	Polemoniaceae	varied-leaf collomia	
* <i>Conium maculatum</i>	Apiaceae	poison-hemlock	FACW-
* <i>Conyza canadensis</i> [<i>Erigeron c.</i>]	Asteraceae	horseweed	FACU

Genus and Species	Family	Common Name	Wetland Status
Forbs (continued)			
<i>Corallorhiza maculata</i> ssp. <i>m.</i>	Orchidaceae	spotted coral-root	FAC-
<i>Corydalis scouleri</i>	Papaveraceae	Scouler's corydalis	FAC+
* <i>Cotula coronopifolia</i>	Asteraceae	brass-buttons	FACW+
* <i>Crepis capillaris</i>	Asteraceae	smooth hawksbeard	
<i>Cuscuta salina</i> var. <i>major</i>	Cuscutaceae	salt-marsh dodder	FACW
* <i>Daucus carota</i>	Apiaceae	Queen-Anne's-lace	
<i>Dicentra formosa</i> ssp. <i>f.</i>	Papaveraceae	pacific bleeding heart	
* <i>Digitalis purpurea</i> var. <i>p.</i>	Scrophulariaceae	foxglove	
* <i>Dipsacus fullonum</i> [<i>D. sylvestris</i>]	Dipsacaceae	teasel	NI
<i>Disporum hookeri</i> var. <i>oreganum</i>	Liliaceae	Hooker fairy-bell	
<i>Elodea canadensis</i>	Hydrocharitaceae	waterweed	OBL
<i>Epilobium angustifolium</i> ssp. <i>a.</i>	Onagraceae	fireweed	FACU+
<i>Epilobium brachycarpum</i> [<i>E. paniculatum</i>]	Onagraceae	autumn willow-herb	
<i>Epilobium ciliatum</i> ssp. <i>watsonii</i> [<i>E. watsonii</i>]	Onagraceae	hairy willow-herb	FACW-
* <i>Erodium cicutarium</i>	Geraniaceae	stork's-bill geranium	
<i>Erophila verna</i> [<i>Draba v.</i>]	Brassicaceae	vernal whitlow-grass	
<i>Erythronium oregonum</i> ssp. <i>o.</i>	Liliaceae	Oregon fawn lily	
* <i>Eschscholtzia californica</i> ssp. <i>c.</i>	Papaveraceae	California poppy	
<i>Fragaria vesca</i> ssp. <i>bracteata</i>	Rosaceae	woods strawberry	
* <i>Fragaria virginiana</i> ssp. <i>platyptela</i>	Rosaceae	blueleaf strawberry	
* <i>Galanthus nivalis</i>	Liliaceae	snowdrop	
<i>Galium aparine</i>	Rubiaceae	cleavers	FACU
<i>Galium trifidum</i> var. <i>pacificum</i>	Rubiaceae	small bedstraw	FACW+
<i>Galium triflorum</i>	Rubiaceae	sweetscented bedstraw	FACU
* <i>Geranium dissectum</i>	Geraniaceae	cut-leaved geranium	
* <i>Geranium molle</i>	Geraniaceae	dovefoot geranium	
* <i>Geranium robertianum</i>	Geraniaceae	Robert geranium	
<i>Geum macrophyllum</i> var. <i>m.</i>	Rosaceae	Oregon avens	FACW+
<i>Glaux maritima</i> ssp. <i>obtusifolia</i>	Primulaceae	saltwort	FACW+
* <i>Glechoma hederacea</i> var. <i>micrantha</i>	Lamiaceae	ground ivy	FACU+
<i>Gnaphalium canescens</i> ssp. <i>microcephalum</i> [<i>G. m.</i>]	Asteraceae	slender cudweed	
* <i>Gnaphalium uliginosum</i>	Asteraceae	marsh cudweed	FAC+
<i>Goodyera oblongifolia</i>	Orchidaceae	rattlesnake-plantain	FACU-
<i>Grindelia integrifolia</i> var. <i>macrophylla</i>	Asteraceae	Puget Sound gumweed	FACW
<i>Hackelia deflexa</i>	Boraginaceae	nodding stickseed	
<i>Heracleum lanatum</i>	Apiaceae	cow-parsnip	FAC
<i>Hieracium albiflorum</i>	Asteraceae	white-flowered hieracium	
<i>Hippuris vulgaris</i>	Hippuridaceae	common mare's-tail	OBL
<i>Hydrocotyle ranunculoides</i>	Apiaceae	marsh-pennywort	OBL
<i>Hydrophyllum tenuipes</i>	Hydrophyllaceae	pacific waterleaf	FAC
* <i>Hypericum perforatum</i>	Clusiaceae	common St. John's-wort	
* <i>Hypochaeris radicata</i>	Asteraceae	hairy [spotted] cat's-ear	
<i>Impatiens noli-tangere</i>	Balsaminaceae	touch-me-not	FACW
<i>Jaumea carnosa</i>	Asteraceae	fleshy Jaumea	OBL
* <i>Lactuca serriola</i>	Asteraceae	prickly lettuce	FAC-
* <i>Lamium hybridum</i>	Lamiaceae	hybrid dead-nettle	

Genus and Species	Family	Common Name	Wetland Status
Forbs (continued)			
* <i>Lamium purpureum</i>	Lamiaceae	red dead-nettle	
* <i>Lapsana communis</i>	Asteraceae	nipplewort	
* <i>Lathyrus latifolius</i>	Fabaceae	everlasting pea	
<i>Lathyrus polyphyllus</i>	Fabaceae	leafy peavine	
<i>Lemna minor</i>	Lemnaceae	small duckweed	OBL
<i>Lepidium virginicum</i> var. <i>pubescens</i>	Brassicaceae	Virginia pepperweed	FACU
* <i>Leucanthemum vulgare</i> [<i>Chrysanthemum l.</i>]	Asteraceae	oxeye-daisy	
<i>Lilium columbianum</i>	Liliaceae	columbia lily	FAC
<i>Lilaeopsis occidentalis</i>	Apiaceae	western lilaeopsis	OBL
<i>Listera cordata</i>	Orchidaceae	evergreen orchid	FACU
<i>Lotus micranthus</i> Benth.	Fabaceae	small-flowered deervetch	
* <i>Lotus uliginosus</i>	Fabaceae	big trefoil	
* <i>Ludwigia palustris</i> var. <i>americana</i>	Onagraceae	water purslane	OBL
<i>Lupinus bicolor</i> Lindl.	Fabaceae	two-color lupine	
<i>Lupinus rivularis</i>	Fabaceae	stream lupine	FAC
* <i>Lychnis coronaria</i>	Caryophyllaceae	rose campion	
<i>Lycopus uniflorus</i> Michx.	Lamiaceae	northern bugleweed	OBL
<i>Lysichiton americanum</i>	Araceae	yellow skunk-cabbage	OBL
<i>Madia madioides</i>	Asteraceae	woodland tarweed	
<i>Madia sativa</i> var. <i>s.</i>	Asteraceae	coast tarweed	
<i>Maianthemum dilatatum</i>	Liliaceae	false lily-of-the-valley	FACU-
<i>Maianthemum racemosum</i> ssp. <i>amplexicaule</i>	Liliaceae	western Solomon-plume	FAC-
<i>Maianthemum stellatum</i>	Liliaceae	starry Solomon-plume	FAC
* <i>Malva neglecta</i>	Malvaceae	dwarf mallow	
* <i>Medicago lupulina</i>	Fabaceae	black medic	
* <i>Melilotus alba</i>	Fabaceae	white sweet-clover	FACU
* <i>Melilotus officinalis</i>	Fabaceae	common yellow sweet-clover	FACU
<i>Mentha arvensis</i> var. <i>villosa</i>	Lamiaceae	field mint	FAC
* <i>Mentha piperita</i>	Lamiaceae	peppermint	FACW+
<i>Mertensia paniculata</i> var. <i>Borealis</i>	Boraginaceae	tall mertensia	FAC
<i>Mimulus guttatus</i>	Scrophulariaceae	yellow monkey-flower	OBL
<i>Mimulus moschatus</i> var. <i>sessifolius</i>	Scrophulariaceae	musk-flower	FACW+
<i>Mitella caulescens</i>	Saxifragaceae	leafy mitrewort	
<i>Moehringia macrophylla</i> [<i>Arenaria m.</i>]	Caryophyllaceae	big-leaved sandwort	
<i>Monotropa uniflora</i>	Ericaceae	Indian pipe	FACU
<i>Montia dichotoma</i>	Portulacaceae	dwarf montia	FAC
* <i>Muscari botryoides</i>	Liliaceae	grape hyacinth	
* <i>Mycelis muralis</i> [<i>Lactuca m.</i>]	Asteraceae	wall lettuce	
* <i>Myosotis discolor</i>	Boraginaceae	yellow & blue forget-me-not	FACW
<i>Myosotis laxa</i>	Boraginaceae	small-flowered forget-me-not	OBL
* <i>Myosotis scorpioides</i>	Boraginaceae	common forget-me-not	FACW
<i>Myosotis verna</i>	Boraginaceae	spring forget-me-not	FAC-
<i>Myriophyllum hippuroides</i>	Haloragaceae	western water-milfoil	OBL
* <i>Narcissus pseudonarcissus</i>	Amaryllidaceae	daffodil	
<i>Navarretia squarrosa</i>	Polemoniaceae	skunkweed	
<i>Nemophila parviflora</i> var. <i>p.</i>	Hydrophyllaceae	small-flowered nemophila	
<i>Oenanthe sarmentosa</i>	Apiaceae	pacific water-parsley	OBL
<i>Osmorhiza chilensis</i>	Apiaceae	mountain sweet-cicely	

Genus and Species	Family	Common Name	Wetland Status
Forbs (continued)			
* <i>Parentucellia viscosa</i>	Scrophulariaceae	yellow parentucellia	FAC-
<i>Petasites frigidus</i> var. <i>palmatum</i> [<i>P. p.</i>]	Asteraceae	sweet coltsfoot	FACU
<i>Phacelia nemoralis</i> ssp. <i>oregonensis</i>	Hydrophyllaceae	woodland phacelia	
<i>Piperia unalascensis</i> [<i>Habenaria u.</i>]	Orchidaceae	Unalaska rein-orchid	FAC
* <i>Plantago lanceolata</i>	Plantaginaceae	English plantain	FACU+
* <i>Plantago major</i> var. <i>m.</i>	Plantaginaceae	common plantain	FAC+
<i>Plantago maritima</i> var. <i>juncoides</i>	Plantaginaceae	maritime plantain	FACW+
* <i>Polygonum aviculare</i> var. <i>a.</i>	Polygonaceae	common knotweed	FACW-
* <i>Polygonum convolvulus</i> var. <i>c.</i>	Polygonaceae	climbing knotweed	FACU-
* <i>Polygonum cuspidatum</i>	Polygonaceae	Japanese knotweed	
<i>Polygonum hydropiperoides</i> var. <i>h.</i>	Polygonaceae	water-pepper	OBL
* <i>Polygonum lapathifolium</i> var. <i>l.</i>	Polygonaceae	dockleaf smartweed	FACW+
* <i>Polygonum persicaria</i>	Polygonaceae	spotted ladysthumb	FACW
* <i>Potamogeton crispus</i>	Potamogetonaceae	curled pondweed	OBL
<i>Potamogeton epihydrus</i>	Potamogetonaceae	ribbon-leaved pondweed	OBL
<i>Potamogeton foliosus</i>	Potamogetonaceae	close-leaved pondweed	OBL
<i>Potamogeton pectinatus</i>	Potamogetonaceae	sago pondweed	OBL
<i>Potentilla anserina</i> ssp. <i>pacifica</i> [<i>P. p.</i>]	Rosaceae	pacific silverweed	OBL
<i>Potentilla gracilis</i> var. <i>g.</i>	Rosaceae	graceful cinquefoil	FAC
<i>Prunella vulgaris</i> var. <i>elongata</i>	Lamiaceae	self-heal	FACU+
<i>Pyrola asarifolia</i>	Ericaceae	common pink wintergreen	FACU
* <i>Ranunculus acris</i>	Ranunculaceae	tall buttercup	FACW-
<i>Ranunculus occidentalis</i> var. <i>o.</i>	Ranunculaceae	western buttercup	FACW
* <i>Ranunculus repens</i> var. <i>r.</i>	Ranunculaceae	creeping buttercup	FACW
<i>Ranunculus sceleratus</i>	Ranunculaceae	celery-leaved buttercup	OBL
<i>Ranunculus uncinatus</i> var. <i>u.</i>	Ranunculaceae	small-flowered buttercup	FAC-
* <i>Raphanus sativas</i>	Brassicaceae	wild radish	
<i>Rorippa curvisiliqua</i> var. <i>a.</i>	Brassicaceae	western yellow cress	FACW+
<i>Rorippa palustris</i> [<i>R. islandica</i>]	Brassicaceae	marsh yellow cress	OBL
* <i>Rumex acetosella</i>	Polygonaceae	sheep sorrel	FACU+
* <i>Rumex crispus</i>	Polygonaceae	curly dock	FACW
<i>Rumex maritimus</i> var. <i>feuginus</i>	Polygonaceae	seaside dock	FACW+
* <i>Rumex obtusifolius</i> ssp. <i>agrestis</i>	Polygonaceae	bitter dock	FAC
<i>Rumex occidentalis</i>	Polygonaceae	western dock	FACW+
<i>Rupertia physodes</i> [<i>Psoralea p.</i>]	Fabaceae	Rupert's scurf-pea	
<i>Ruppia maritima</i>	Potamogetonaceae	ditch-grass	OBL
<i>Sagittaria latifolia</i>	Alismataceae	broadleaf arrowhead	OBL
<i>Salicornia virginica</i>	Chenopodiaceae	American glasswort	OBL
<i>Sanicula crassicaulis</i> var. <i>c.</i>	Apiaceae	pacific sanicle	
<i>Satureja douglasii</i>	Lamiaceae	yerba buena	
* <i>Scleranthus annuus</i>	Caryophyllaceae	annual knawel	
<i>Scutellaria lateriflora</i>	Lamiaceae	blue skullcap	FACW+
* <i>Senecio jacobaea</i>	Asteraceae	tansy ragwort	
* <i>Senecio sylvaticus</i>	Asteraceae	wood groundsel	
* <i>Senecio vulgaris</i>	Asteraceae	common groundsel	FACU
* <i>Silene latifolia</i> ssp. <i>alba</i> [<i>Lychnis a.</i>]	Caryophyllaceae	white campion	
* <i>Sisymbrium altissimum</i>	Brassicaceae	tall tumble-mustard	
* <i>Sisymbrium officinale</i>	Brassicaceae	hedge mustard	

Genus and Species	Family	Common Name	Wetland Status
* <i>Solanum sarrachoides</i>	Solanaceae	hairy nightshade	
<i>Solidago canadensis</i> var. <i>salebrosa</i>	Asteraceae	Canada goldenrod	FACU
* <i>Sonchus arvensis</i>	Asteraceae	perennial sow-thistle	
* <i>Sonchus asper</i>	Asteraceae	prickly sow-thistle	FAC-
<i>Sparganium emersum</i> [<i>S. angustifolium</i>]	Typhaceae	narrow-leaved bur-reed	OBL
* <i>Spergularia arvensis</i>	Caryophyllaceae	spurry	
<i>Spergularia canadensis</i>	Caryophyllaceae	Canada sand-spurry	FACW
<i>Spergularia macrotheca</i>	Caryophyllaceae	beach sand-spurry	FAC
* <i>Spergularia rubra</i>	Caryophyllaceae	red sand-spurry	FAC-
<i>Spiranthes romanzoffiana</i> var. <i>r.</i>	Orchidaceae	hooded ladies'-tresses	OBL
<i>Spirodela polyrrhiza</i>	Lemnaceae	great duckweed	OBL
<i>Stachys cooleyae</i>	Lamiaceae	Cooley's hedge-nettle	FACW
* <i>Stellaria graminea</i>	Caryophyllaceae	lesser starwort	FAC-
<i>Stellaria humifusa</i>	Caryophyllaceae	spreading starwort	OBL
<i>Stellaria longipes</i>	Caryophyllaceae	longstalk starwort	FACW-
* <i>Stellaria media</i>	Caryophyllaceae	common chickweed	
<i>Streptopus amplexifolius</i>	Liliaceae	clasping-leaved twisted-stalk	FAC-
<i>Suaeda maritima</i> [<i>S. calceoliformis</i>]	Chenopodiaceae	herbaceous seablite	FACW+
<i>Synthyris reniformis</i> var. <i>r.</i>	Scrophulariaceae	spring queen	
* <i>Tanacetum vulgare</i>	Asteraceae	common tansy	
* <i>Taraxacum officinale</i>	Asteraceae	common dandelion	FACU
* <i>Teesdalia nudicaulis</i>	Brassicaceae	shepherd's cress	
<i>Tellima grandiflora.</i>	Saxifragaceae	fringecup	
<i>Tiarella trifoliata</i> var. <i>t.</i>	Saxifragaceae	trefoil foamflower	FAC
<i>Tolmiea menziesii</i>	Saxifragaceae	youth-on-age	FAC
* <i>Tragopogon dubius</i>	Asteraceae	yellow salsify	
<i>Trientalis borealis</i> ssp. <i>latifolia</i> [<i>T. l.</i>]	Primulaceae	western starflower	FAC
* <i>Trifolium arvense</i>	Fabaceae	hare's-foot	
* <i>Trifolium dubium.</i>	Fabaceae	least hop clover	
* <i>Trifolium hybridum</i>	Fabaceae	alsike clover	FACU+
* <i>Trifolium pratense</i>	Fabaceae	red clover	FACU
* <i>Trifolium repens</i>	Fabaceae	white clover	FACU+
* <i>Trifolium subterraneum</i>	Fabaceae	subterranean clover	
<i>Trifolium wormskjoldii.</i>	Fabaceae	springbank clover	FACW+
<i>Triglochin maritimum</i>	Juncaginaceae	seaside arrow-grass	OBL
<i>Trillium ovatum</i> ssp. <i>o.</i>	Liliaceae	western trillium	NI
<i>Triphysaria pusilla</i> [<i>Orthocarpus pusillus</i>]	Scrophulariaceae	dwarf owl-clover	
<i>Typha latifolia</i>	Typhaceae	common cat-tail	OBL
<i>Urtica dioica</i> ssp. <i>gracilis</i> var. <i>lyallii</i>	Urticaceae	stinging nettle	FAC+
* <i>Verbascum blattaria</i>	Scrophulariaceae	moth mullein	
* <i>Verbascum thapsus</i>	Scrophulariaceae	common mullein	
<i>Veronica beccabunga</i> ssp. <i>americana</i> [<i>V. a.</i>]	Scrophulariaceae	American brooklime	OBL
* <i>Veronica arvensis</i>	Scrophulariaceae	wall speedwell	NI
* <i>Veronica serpyllifolia</i> var. <i>s.</i>	Scrophulariaceae	thyme-leaved speedwell	FAC
<i>Vicia americana</i> ssp. <i>a.</i>	Fabaceae	American vetch	FAC+
* <i>Vicia cracca</i>	Fabaceae	bird vetch	
* <i>Vicia hirsuta</i>	Fabaceae	tiny vetch	
<i>Vicia nigricans</i> ssp. <i>gigantea</i> [<i>V. g.</i>]	Fabaceae	giant vetch	
* <i>Vicia sativa</i>	Fabaceae	common vetch	

Genus and Species	Family	Common Name	Wetland Status
Forbs (continued)			
* <i>Vicia villosa</i>	Fabaceae	hairy vetch	
* <i>Vinca major</i> cv.	Apocynaceae	periwinkle	
<i>Viola sempervirens</i>	Violaceae	evergreen violet	
<i>Wolffia borealis</i> [<i>W. punctata</i>]	Lemnaceae	dotted water-meal	OBL
<i>Zostera marina</i>	Zosteraceae	eel-grass	OBL
Ferns & Allies			
<i>Adiantum aleuticum</i> [<i>A. pedatum</i>]	Pteridaceae	maidenhair fern	FAC
<i>Athyrium filix-femina</i> var. <i>cyclosorum</i>	Dryopteridaceae	northern lady fern	FAC
<i>Azolla mexicana</i>	Azollaceae	Mexican mosquito fern	OBL
<i>Blechnum spicant</i>	Blechnaceae	deer fern	FAC+
<i>Dryopteris expansa</i> [<i>D. austriaca</i>]	Dryopteridaceae	spreading wood fern	
<i>Equisetum arvense</i>	Equisetaceae	field horsetail	FAC
<i>Equisetum hyemale</i> var. <i>affine</i>	Equisetaceae	scouring-rush	FACW
<i>Equisetum telmateia</i> var. <i>braunii</i>	Equisetaceae	giant horsetail	FACW
<i>Polypodium glycyrrhiza</i>	Polypodiaceae	licorice fern	
<i>Polystichum munitum</i>	Dryopteridaceae	sword fern	
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Dennstaedtiaceae	western bracken	FACU
Lichens			
<i>Botrydina vulgaris</i> [<i>B. botryoides</i>]. Lichenized with <i>Omphalina ericetorum</i> (lichen agaric), a Basidiomycete fungus.			
<i>Cladonia coniocraea</i>	Cladoniaceae	cup lichen	
<i>Evernia prunastri</i>	Parmeliaceae	antlered-perfume	
<i>Hypogymnia physodes</i>	Parmeliaceae	hooded-bone	
<i>Letharia vulpina</i>	Parmeliaceae	wolf lichen	
<i>Melanelia elegantula</i>	Parmeliaceae	elegant parmelia	
<i>Melanelia exasperatula</i>	Parmeliaceae	roughened parmelia	
<i>Parmelia sulcata</i>	Parmeliaceae	waxpaper-lichen	
<i>Peltigera canina</i>	Peltigeraceae	dog-lichen	
<i>Peltigera polydactylon</i>	Peltigeraceae	frog-pelt	
<i>Physcia</i> sp.	Physciaceae	lichen	
<i>Platismatia glauca</i>	Parmeliaceae	ragged lichen	
<i>Usnea subfloridana</i> [<i>U. comosa</i>]	Parmeliaceae	beard lichen	
<i>Xanthoria candelaria</i>	Teloschistaceae	orange wall lichen	
Mosses & Liverworts			
<i>Atrichum</i> sp.	Polytrichaceae	atrichum moss	
<i>Aulacomnium androgynum</i>	Aulacomniaceae	lover's-moss	
<i>Bryum capillare</i>	Bryaceae	capillary moss	
<i>Climacium dendroides</i>	Climaciaceae	tree moss	
<i>Conocephalum conicum</i>	Conocephalaceae	snake-liverwort	
<i>Dichodontium pellucidum</i>	Dicranaceae	wet-rock moss	
<i>Dicranoweisia cirrata</i>	Dicranaceae	curly-thatch moss\	
<i>Dicranum tauricum</i>	Dicranaceae	tauricum moss	
<i>Dicranum</i> sp.	Dicranaceae	bryoid fissidens moss	
<i>Drepanocladus uncinatus</i> var. <i>symmetricus</i>	Amblystegiaceae	hook-leaved moss	
<i>Fissidens adianthoides</i>	Fissidentaceae	adiantum moss	

Genus and Species	Family	Common Name	Wetland Status
Mosses & Liverworts (continued)			
<i>Fissidens bryoides</i>	Fissidentaceae	bryoides fissidens moss	
<i>Fontinalis antipyretica</i> var. <i>a.</i>	Fontinalaceae	common water moss	
<i>Funaria hygrometrica</i>	Funariaceae	cord-moss	
<i>Grimmia pulvinata</i>	Grimmiaceae	cushion moss	
<i>Homalothecium fulgescens</i>	Brachytheciaceae	yellow moss	
<i>Hylocomium splendens</i>	Hylocomiaceae	step-moss	
<i>Hypnum circinale</i>	Hypnaceae	coiled-leafmoss	
<i>Hypnum subimponens</i>	Hypnaceae	curly hypnum	
<i>Isothecium stoloniferum</i> [<i>I. spiculiferum</i>]	Brachytheciaceae	cat-tail moss	
<i>Kindbergia oregana</i> [<i>Eurhynchium oreganum</i>]	Brachytheciaceae	Oregon beaked moss	
<i>Leucolepis acanthoneuron</i> [<i>L. menziesii</i>]	Mniaceae	Menzies' tree moss	
<i>Marchantia polymorpha</i>	Marchantiaceae	lung-liverwort	
<i>Neckera douglasii</i>	Neckeraceae	Douglas' neckera	
<i>Orthotrichum consimile</i>	Orthotrichaceae	bristle moss	
<i>Orthotrichum lyellii</i>	Orthotrichaceae	Lyell's bristle moss	
<i>Orthotrichum</i> sp.	Orthotrichaceae	little bristle moss	
<i>Plagiomnium insigne</i> [<i>Mnium i.</i>]	Mniaceae	badge moss	
<i>Plagiomnium venustum</i>	Mniaceae	magnificent moss	
<i>Plagiothecium undulatum</i>	Plagiotheciaceae	wavy-leaved cotton moss	
<i>Polytrichum juniperinum</i>	Polytrichaceae	juniper moss	
<i>Racomitrium canescens</i>	Grimmiaceae	roadside rock moss	
<i>Rhizomnium glabrescens</i> [<i>Mnium g.</i>]	Mniaceae	fan-moss	
<i>Rhytidiadelphus loreus</i>	Hylocomiaceae	lanky-moss	
<i>Rhytidiadelphus triquetrus</i>	Hylocomiaceae	goose-necked moss	
<i>Riccia fluitans</i>	Ricciaceae	floating liverwort	
<i>Scleropodium cespitans</i> var. <i>c.</i>	Brachytheciaceae	flat-moss	
<i>Tortula princeps</i>	Pottiaceae	princely moss	

E.2 WILDLIFE

This list includes wildlife species that have been observed at least once on Nisqually NWR. The birds' common and scientific names and taxonomic order are categorized into family and subfamily groups in accordance with the 7th edition (1998) of the A. O. U. Checklist of North American Birds. * Indicates bird species known to nest on Nisqually delta.

Common Name	Scientific Name	Common Name	Scientific Name
Birds			
Red-throated Loon	<i>Gavia stellata</i>	Short-tailed Shearwater	<i>Puffinus tenuirostris</i>
Pacific Loon	<i>Gavia immer</i>	Leach's Storm-petrel	<i>Oceanodroma leucorhoa</i>
Common Loon	<i>Gavia immer</i>	American White Pelican	<i>Pelecanus erythrorhynchos</i>
Yellow-billed Loon	<i>Gavia adamsii</i>	Brown Pelican	<i>Pelecanus occidentalis</i>
Pied-billed Grebe*	<i>Podilymbus podiceps</i>	Brandt's Cormorant	<i>Phalacrocorax penicillatus</i>
Horned Grebe	<i>Podiceps auritus</i>	Double-crested Cormorant	<i>Phalacrocorax auritus</i>
Red-necked Grebe	<i>Podiceps grisegena</i>	Pelagic Cormorant	<i>Phalacrocorax pelagicus</i>
Eared Grebe	<i>Podiceps nigricollis</i>	American Bittern*	<i>Botaurus lentiginosus</i>
Western Grebe	<i>Aechmophorus occidentalis</i>	Great Blue Heron*	<i>Ardea herodias</i>
Laysan Albatross	<i>Phoebastria immutabilis</i>	Great Egret	<i>Ardea alba</i>
		Green Heron*	<i>Butorides virescens</i>

Common Name	Scientific Name	Common Name	Scientific Name
Birds (continued)			
Turkey Vulture	<i>Cathartes aura</i>	Sandhill Crane	<i>Grus canadensis</i>
Greater White-fronted Goose	<i>Anser albifrons</i>	Barrow's Goldeneye	<i>Bucephala islandica</i>
Snow Goose	<i>Chen caerulescens</i>	Black-bellied Plover	<i>Pluvialis squatarola</i>
Canada Goose*	<i>Branta canadensis</i>	American Golden Plover	<i>Pluvialis dominica</i>
Brant	<i>Branta bernicla</i>	Semipalmated Plover	<i>Charadrius semipalmatus</i>
Trumpeter Swan	<i>Cygnus buccinator</i>	Killdeer*	<i>Charadrius vociferus</i>
Tundra Swan	<i>Cygnus columbianus</i>	Black-necked Stilt	<i>Himantopus mexicanus</i>
Wood Duck*	<i>Aix sponsa</i>	American Avocet	<i>Recurvirostra americana</i>
Gadwall*	<i>Anas strepera</i>	Greater Yellowlegs	<i>Tringa melanoleuca</i>
Eurasian Wigeon	<i>Anas penelope</i>	Lesser Yellowlegs	<i>Tringa flavipes</i>
American Wigeon	<i>Anas americana</i>	Willet	<i>Catoptrophorus semipalmatus</i>
Mallard*	<i>Anas platyrhynchos</i>	Spotted Sandpiper*	<i>Actitis macularia</i>
Blue-winged Teal*	<i>Anas discors</i>	Whimbrel	<i>Numenius phaeopus</i>
Cinnamon Teal*	<i>Anas cyanoptera</i>	Red Knot	<i>Calidris canutus</i>
Northern Shoveler*	<i>Anas clypeata</i>	Sanderling	<i>Calidris alba</i>
Northern Pintail*	<i>Anas acute</i>	Western Sandpiper	<i>Calidris mauri</i>
Green-winged Teal*	<i>Anas crecca</i>	Least Sandpiper	<i>Calidris minutilla</i>
Canvasback	<i>Aythya valisineria</i>	Baird's Sandpiper	<i>Calidris bairdii</i>
Ring-necked Duck*	<i>Aythya collaris</i>	Pectoral Sandpiper	<i>Calidris melanotos</i>
Greater Scaup	<i>Aythya marila</i>	Sharp-tailed Sandpiper	<i>Calidris acuminata</i>
Surf Scoter	<i>Melanitta perspicillata</i>	Dunlin	<i>Calidris alpina</i>
White-winged Scoter	<i>Melanitta fusca</i>	Short-billed Dowitcher	<i>Limnodromus griseus</i>
Black Scoter	<i>Melanitta nigra</i>	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>
Long-tailed Duck	<i>Clangula hyemalis</i>	Common Snipe*	<i>Gallinago gallinago</i>
Bufflehead	<i>Bucephala albeola</i>	Wilson's Phalarope*	<i>Phalaropus tricolor</i>
Common Goldeneye	<i>Bucephala clangula</i>	Red-necked Phalarope	<i>Phalaropus lobatus</i>
Hooded Merganser*	<i>Lophodytes cucullatus</i>	Parasitic Jaeger	<i>Stercorarius parasiticus</i>
Common Merganser	<i>Mergus merganser</i>	Franklin's Gull	<i>Larus pipixcan</i>
Red-breasted Merganser	<i>Mergus serrator</i>	Black-headed Gull	<i>Larus ridibundus</i>
Ruddy Duck	<i>Oxyura jamaicensis</i>	Bonaparte's Gull	<i>Larus philadelphia</i>
Osprey	<i>Pandion haliaetus</i>	Heermann's Gull	<i>Larus heermanni</i>
White-tailed Kite	<i>Elanus leucurus</i>	Mew Gull	<i>Larus canus</i>
Bald Eagle*	<i>Haliaeetus leucocephalus</i>	Ring-billed Gull	<i>Larus delawarensis</i>
Northern Harrier*	<i>Circus cyaneus</i>	California Gull	<i>Larus californicus</i>
Sharp-shinned Hawk	<i>Accipiter striatus</i>	Herring Gull	<i>Larus argentatus</i>
Cooper's Hawk	<i>Accipiter cooperii</i>	Thayer's Gull	<i>Larus thayeri</i>
Northern Goshawk	<i>Accipiter gentilis</i>	Slaty-backed Gull	<i>Larus schistisagus</i>
Red-shouldered Hawk	<i>Buteo lineatus</i>	Western Gull	<i>Larus occidentalis</i>
Red-tailed Hawk*	<i>Buteo jamaicensis</i>	Glaucous-winged Gull	<i>Larus glaucescens</i>
Rough-legged Hawk	<i>Buteo lagopus</i>	Glaucous-winged/Western Hybrid	<i>Larus sp.</i>
American Kestrel*	<i>Falco sparverius</i>	Glaucous Gull	<i>Larus hyperboreus</i>
Merlin	<i>Falco columbarius</i>	Caspian Tern	<i>Sterna caspia</i>
Gyrfalcon	<i>Falco rusticolus</i>	Common Tern	<i>Sterna hirundo</i>
Peregrine Falcon	<i>Falco peregrinus</i>	Common Murre	<i>Uria aalge</i>
Prairie Falcon	<i>Falco mexicanus</i>	Pigeon Guillemot	<i>Cephus columba</i>
Ring-necked Pheasant*	<i>Phasianus colchicus</i>	Marbled Murrelet	<i>Brachyramphus marmoratus</i>
Ruffed Grouse	<i>Bonasa umbellus</i>	Ancient Murrelet	<i>Synthliboramphus antiquus</i>
Lesser Scaup	<i>Aythya affinis</i>	Rhinoceros Auklet	<i>Cerorhinca monocerata</i>
Mountain Quail	<i>Oreortyx pictus</i>	Rock Dove	<i>Columba livia</i>
California Quail*	<i>Callipepla californica</i>	Band-tailed Pigeon*	<i>Columba fasciata</i>
Northern Bobwhite	<i>Colinus virginianus</i>	Mourning Dove	<i>Zenaida macroura</i>
Virginia Rail*	<i>Rallus limicola</i>	Barn Owl*	<i>Tyto alba</i>
Sora*	<i>Porzana carolina</i>	Great Horned Owl*	<i>Bubo virginianus</i>
American Coot*	<i>Fulica americana</i>	Snowy Owl	<i>Nyctea scandiaca</i>

Common Name	Scientific Name	Common Name	Scientific Name
Birds (continued)		Northern Mockingbird	<i>Mimus polyglottos</i>
Northern Pygmy-Owl	<i>Glaucidium gnoma</i>	European Starling*	<i>Sturnus vulgaris</i>
Long-eared Owl	<i>Asio otus</i>	American Pipit	<i>Anthus rubescens</i>
Short-eared Owl*	<i>Asio flammeus</i>	Cedar Waxwing*	<i>Bombycilla cedrorum</i>
Common Nighthawk	<i>Chordeiles minor</i>	Orange-crowned Warbler*	<i>Vermivora celata</i>
Black Swift	<i>Cypseloides niger</i>	Nashville Warbler	<i>Vermivora ruficapilla</i>
Vaux's Swift	<i>Chaetura vauxi</i>	Yellow Warbler*	<i>Dendroica petechia</i>
Rufous Hummingbird*	<i>Selasphoras rufus</i>	Yellow-rumped Warbler*	<i>Dendroica coronata</i>
Belted Kingfisher	<i>Ceryle alcyon</i>	Black-throated Gray Warbler*	<i>Dendroica nigrescens</i>
Lewis' Woodpecker	<i>Melanerpes lewis</i>	Townsend's Warbler	<i>Dendroica townsendi</i>
Red-breasted Sapsucker*	<i>Sphyrapicus ruber</i>	MacGillivray's Warbler*	<i>Oporornis tolmiei</i>
Downy Woodpecker*	<i>Picoides pubescens</i>	Common Yellowthroat*	<i>Geothlypis trichas</i>
Hairy Woodpecker*	<i>Picoides villosus</i>	Wilson's Warbler*	<i>Wilsonia pusilla</i>
Northern Flicker*	<i>Colaptes auratus</i>	Western Tanager*	<i>Piranga ludoviciana</i>
Pileated Woodpecker*	<i>Dryocopus pileatus</i>	Spotted Towhee*	<i>Pipilo maculatus</i>
Olive-sided Flycatcher	<i>Contopus cooperi</i>	American Tree Sparrow	<i>Spizella arborea</i>
Western Wood-pewee*	<i>Contopus sordidulus</i>	Chipping Sparrow	<i>Spizella passerina</i>
Willow Flycatcher*	<i>Empidonax traillii</i>	Vesper Sparrow	<i>Pooecetes gramineus</i>
Pacific-slope Flycatcher*	<i>Empidonax difficilis</i>	Sage Sparrow	<i>Amphispiza belli</i>
Western Kingbird	<i>Tyrannus verticalis</i>	Savannah Sparrow*	<i>Passerculus sandwichensis</i>
Northern Shrike	<i>Lanius excubitor</i>	Fox Sparrow	<i>Passerella iliaca</i>
Cassin's Vireo*	<i>Vireo cassinii</i>	Song Sparrow*	<i>Melospiza melodia</i>
Hutton's Vireo*	<i>Vireo huttoni</i>	Lincoln's Sparrow	<i>Melospiza lincolni</i>
Warbling Vireo*	<i>Vireo gilvus</i>	White-throated Sparrow	<i>Zonotrichia albicollis</i>
Red-eyed Vireo*	<i>Vireo olivaceus</i>	Harris' Sparrow	<i>Zonotrichia querula</i>
Steller's Jay	<i>Cyanocitta stelleri</i>	White-crowned Sparrow*	<i>Zonotrichia leucophrys</i>
Western Scrub-Jay	<i>Aphelocoma californica</i>	Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>
Black-billed Magpie	<i>Pica hudsonia</i>	Dark-eyed Junco*	<i>Junco hyemalis</i>
American Crow*	<i>Corvus brachyrhynchos</i>	Snow Bunting	<i>Plectrophenax nivalis</i>
Horned Lark	<i>Eremophila alpestris</i>	Black-headed Grosbeak*	<i>Pheucticus melanocephalus</i>
Tree Swallow*	<i>Tachycineta bicolor</i>	Lazuli Bunting	<i>Passerina amoena</i>
Violet-green Swallow*	<i>Tachycineta thalassina</i>	Red-winged Blackbird*	<i>Agelaius phoeniceus</i>
Northern Rough-winged Swallow*	<i>Stelgidopteryx serripennis</i>	Western Meadowlark*	<i>Sturnella neglecta</i>
Bank Swallow	<i>Riparia riparia</i>	Yellow-headed Blackbird*	<i>Xanthocephalus</i>
Cliff Swallow*	<i>Petrochelidon pyrrhonota</i>	<i>xanthocephalus</i>	
Barn Swallow*	<i>Hirundo rustica</i>	Brewer's Blackbird*	<i>Euphagus cyanocephalus</i>
Black-capped Chickadee*	<i>Parus atricapillus</i>	Brown-headed Cowbird*	<i>Molothrus ater</i>
Chestnut-backed Chickadee*	<i>Parus rufescens</i>	Bullock's Oriole*	<i>Icterus bullockii</i>
Bushtit*	<i>Psaltriparus minimus</i>	Purple Finch*	<i>Carpodacus purpureus</i>
Red-breasted Nuthatch*	<i>Sitta canadensis</i>	House Finch*	<i>Carpodacus mexicanus</i>
Brown Creeper*	<i>Certhia americana</i>	Red Crossbill	<i>Loxia curvirostra</i>
Bewick's Wren*	<i>Thryomanes bewickii</i>	Pine Siskin*	<i>Carduelis pinus</i>
House Wren	<i>Troglodytes aedon</i>	American Goldfinch*	<i>Carduelis tristis</i>
Winter Wren*	<i>Troglodytes troglodytes</i>	Evening Grosbeak	<i>Coccothraustes vespertinus</i>
Marsh Wren*	<i>Cistothorus palustris</i>		
Golden-crowned Kinglet*	<i>Regulus satrapa</i>	Mammals	
Ruby-crowned Kinglet	<i>Regulus calendula</i>	Virginia Opossum	<i>Didelphis virginiana</i>
Western Bluebird	<i>Sialia mexicana</i>	Pacific Water Shrew	<i>Sorex bendirii</i>
Townsend's Solitaire	<i>Myadestes townsendi</i>	Trowbridge's Shrew	<i>Sorex trowbridgii</i>
Swainson's Thrush*	<i>Catharus ustulatus</i>	Vagrant Shrew	<i>Sorex vagrans</i>
Hermit Thrush	<i>Catharus guttatus</i>	Shrew-mole	<i>Neurotrichus gibbsii</i>
American Robin*	<i>Turdus migratorius</i>	Coast Mole	<i>Scapanus orarius</i>
Varied Thrush	<i>Ixoreus naevius</i>	Townsend's Mole	<i>Scapanus townsendii</i>
		Masked Shrew	<i>Sorex cinerus</i>

Common Name	Scientific Name	Common Name	Scientific Name
Mammals (continued)		Reptiles	
Long-eared Myotis	<i>Myotis evotis</i>	Northern Alligator Lizard	<i>Elegaria (Gerrhonotus) coeruleus</i>
Little Brown Myotis	<i>Myotis lucifugus</i>	Rubber Boa	<i>Charina bottae</i>
Yuma Myotis	<i>Myotis yumanensis</i>	Western Terrestrial Garter Snake	<i>Thamnophis elegans</i>
Hoary Bat	<i>Lasiurus cinereus</i>	Northwestern Garter Snake	<i>Thamnophis ordinoides</i>
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	Common Garter Snake	<i>Thamnophis sirtalis</i>
Townsend's Big-eared Bat	<i>Plecotus townsendii</i>	Amphibians	
Eastern Cottontail	<i>Sylvilagus floridanus</i>	Northwestern Salamander	<i>Ambystoma gracile</i>
Snowshoe Hare	<i>Lepus americanus</i>	Long-toed Salamander	<i>Ambystoma macrodactylum</i>
Mountain Beaver	<i>Aplodontia rufa</i>	Rough-skinned Newt	<i>Taricha granulosa</i>
Townsend's Chipmunk	<i>Tamias townsendii</i>	Western Red-backed Salamander	<i>Plethodon vehiculum</i>
Eastern Gray Squirrel	<i>Sciurus carolinensis</i>	Pacific Treefrog	<i>Hyla regilla</i>
Douglas' Squirrel	<i>Tamiasciurus douglasii</i>	Red-legged Frog	<i>Rana aurora</i>
Northern Flying Squirrel	<i>Glaucomys sabrinus</i>	Bullfrog	<i>Rana catesbeiana</i>
American Beaver	<i>Castor canadensis</i>	Fish	
Deer Mouse	<i>Peromyscus maniculatus</i>	River Lamprey	<i>Lampetra ayresi</i>
Columbian Mouse	<i>Peromyscus oreas</i>	Western Brook Lamprey	<i>Lampetra richardsoni</i>
Bushy-tailed Woodrat	<i>Neotoma cinerea</i>	Pacific Lamprey	<i>Lampetra tridentata</i>
Western Red-backed Vole	<i>Clethrionomys californicus</i>	Spotted Ratfish	<i>Hydrolagus colliciei</i>
Long-tailed Vole	<i>Microtus longicaudus</i>	Spiny Dogfish	<i>Squalus acanthias</i>
Creeping Vole	<i>Microtus oregoni</i>	American Shad	<i>Alosa sapidissima</i>
Townsend's Vole	<i>Microtus townsendii</i>	Pacific Herring	<i>Clupea harengus</i>
Common Muskrat	<i>Ondatra zibethicus</i>	Longnose Dace	<i>Rhinichthyus cataractae</i>
Norway Rat	<i>Rattus norvegicus</i>	Largescale Sucker	<i>Catostomus macrocheilus</i>
Black Rat	<i>Rattus rattus</i>	Brown Bullhead	<i>Ameiurus nebulosus</i>
House Mouse	<i>Mus musculus</i>	Surf Smelt	<i>Hypomesus pretiosus</i>
Pacific Jumping Mouse	<i>Zapus trinotatus</i>	Cutthroat Trout	<i>Oncorhynchus clarki</i>
Common Porcupine	<i>Erethizon dorsatum</i>	Pink Salmon	<i>Oncorhynchus gorbuscha</i>
False Killer Whale	<i>Pseudorca crassidens</i>	Chum Salmon	<i>Oncorhynchus keta</i>
Killer Whale	<i>Orcinus orca</i>	Coho Salmon	<i>Oncorhynchus kisutch</i>
Dall's Porpoise	<i>Phocoena dallii</i>	Steelhead (Rainbow Trout)	<i>Oncorhynchus mykiss</i>
Gray Whale	<i>Eschrichtius robustus</i>	Sockeye Salmon	<i>Oncorhynchus nerka</i>
Minke Whale	<i>Balaenoptera acutorostrata</i>	Chinook Salmon	<i>Oncorhynchus tshawytscha</i>
Coyote	<i>Canis latrans</i>	Mountain Whitefish	<i>Prosopium williamsoni</i>
Red Fox	<i>Vulpes vulpes</i>	Bull Trout	<i>Salvelinus confluentus</i>
Northern Sea Lion	<i>Eumetopias jubatus</i>	Dolly Varden	<i>Salvelinus malma</i>
California Sea Lion	<i>Zalophus californianus</i>	Pacific Cod	<i>Gadus macrocephalus</i>
Harbor Seal	<i>Phoca vitulina</i>	Pacific Hake	<i>Merluccius productus</i>
Raccoon	<i>Procyon lotor</i>	Pacific Tomcod	<i>Microgadus proximus</i>
Short-tailed Weasel	<i>Mustela erminea</i>	Walleye Pollock	<i>Theragra chalcogrammus</i>
Long-tailed Weasel	<i>Mustela frenata</i>	Plainfin Midshipman	<i>Porichthys notatus</i>
Mink	<i>Mustela vison</i>	Northern Clingfish	<i>Gobiesox meandricus</i>
Western Spotted Skunk	<i>Spilogale gracilis</i>	Tube-Snout	<i>Aulorhynchus flavidus</i>
Striped Skunk	<i>Mephitis mephitis</i>	Three Spine Stickleback	<i>Gasterosteus aculeatus</i>
Northern River Otter	<i>Lutra canadensis</i>	Bay Pipefish	<i>Syngnathus leptorhynchus</i>
Mountain Lion	<i>Felis concolor</i>		
Bobcat	<i>Lynx rufus</i>		
Mule Deer r aka "Black-tailed Dee	<i>Odocoileus hemionus</i>		
White-tailed Deer	<i>Odocoileus virginianus</i>		

Common Name	Scientific Name	Common Name	Scientific Name
Fish (continued)		Arrow Goby	<i>Clevelandia ios</i>
Brown Rockfish	<i>Sebastes auriculatus</i>	Bay Goby	<i>Lepidogobius lepidus</i>
Copper Rockfish	<i>Sebastes caurinus</i>	Pacific Sanddab	<i>Citharichthys sordidus</i>
Quillback Rockfish	<i>Sebastes maliger</i>	Speckled Sanddab	<i>Citharichthys stigmaeus</i>
Sablefish	<i>Anoplopoma fimbria</i>	Rex Sole	<i>Errex zachirus</i>
Kelp Greenling	<i>Hexagrammos decagrammus</i>	Flathead Sole	<i>Hippoglossoides elassodon</i>
Rock Greenling	<i>Hexagrammos lagocephalus</i>	Dover Sole	<i>Microstomus pacificus</i>
White-spotted Greenling	<i>Hexagrammos stelleri</i>	Starry Flounder	<i>Platichthys stellatus</i>
Painted Greenling	<i>Oxylebius pictus</i>	Rock Sole	<i>Pleuronectes bilineata</i>
Padded Sculpin	<i>Artedius fenestralis</i>	Butter Sole	<i>Pleuronectes isolepsis</i>
Smoothhead Sculpin	<i>Artedius lateralis</i>	English Sole	<i>Pleuronectes vetulus</i>
Silverspotted Sculpin	<i>Blepsias cirrhosus</i>	C-O Sole	<i>Pleuronichthys coenosus</i>
Roughback Sculpin	<i>Chitonotus pugetensis</i>	Sand Sole	<i>Psettichthys melanostictus</i>
Sharpnose Sculpin	<i>Clinocottus acuticeps</i>	White Sturgeon	<i>Acipenser transmontanus</i>
Calico Sculpin	<i>Clinocottus embryum</i>		
Coastrange Sculpin	<i>Cottus aleuticus</i>	Insects	
Prickly Sculpin	<i>Cottus asper</i>	Common Name	Family Name
Shorthead Sculpin	<i>Cottus confusus</i>	Shield Bugs	Acanthosomatidae
Reticulate/Riffle Sculpin	<i>Cottus perplexus/gulosus</i>	Treehoppers	Aetalionidae
Torrent Sculpin	<i>Cottus rhotheus</i>	Mining Bees	Andrenidae
Buffalo Sculpin	<i>Enophrys bison</i>	Deathwatch Beetles	Anobiidae
Red Irish Lord	<i>Hemilepidotus hemilepidotus</i>	Anthomyiid Flies	Anthomyiidae
Pacific Staghorn Sculpin	<i>Leptocottus armatus</i>	Aphids	Aphididae
Great Sculpin	<i>Myoxocephalus</i>	Bees	Apidae
<i>polyacanthocephalus</i>		Weevils	Apionidae
Sailfin Sculpin	<i>Nautichthys oculofasciatus</i>	Stilt Bugs	Berytidae
Tidepool Sculpin	<i>Oligocottus maculosus</i>	March Flies	Bibionidae
Tadpole Sculpin	<i>Psychrolutes paradoxus</i>	Braconid Wasps	Braconidae
Soft Sculpin	<i>Psychrolutes sigalutes</i>	Moss Beetles	Byrrhidae
Grunt Sculpin	<i>Rhamphocottus richardsoni</i>	Soldier Beetles	Cantharidae
Cabezon	<i>Scorpaenichthys marmoratus</i>	Ground Beetles	Carabidae
Manacled Sculpin	<i>Synchirus gilli</i>	Spittlebugs	Cercopidae
Northern Spearnose Poacher	<i>Agonopsis vulsa</i>	Leaf Beetles	Chrysomelidae
Pygmy Poacher	<i>Odontopyxis trispinosa</i>	Green Lacewings	Chrysopidae
Tube-nose Poacher	<i>Pallasina barbata</i>	Leafhoppers	Cicadellidae
Sturgeon Poacher	<i>Agonus acipenserinus</i>	Tiger Beetles	Cicindellidae
Blacktip Poacher	<i>Xeneretmus latifrons</i>	Ladybug Beetles	Coccinellidae
Ringtail Snailfish	<i>Liparis rutteri</i>	Narrow-winged Damselflies	Coenagrionidae
Pumpkinseed	<i>Lepomis gibbosus</i>	Snout Beetles and Weevils	Curculionidae
Largemouth Bass	<i>Micropterus salmoides</i>	Click Beetles	Elateridae
Black Crappie	<i>Pomoxis nigromaculatus</i>	Balloon Flies	Empididae
Yellow Perch	<i>Perca flavescens</i>	Entomobryid Springtails	Entomobryidae
Shiner Perch	<i>Cymatogaster aggregata</i>	Ants	Formicidae
Striped Seaperch	<i>Embiotoca lateralis</i>	Earwigs	Forficulidae
Pile Perch	<i>Rhacochilus vacca</i>	Metallic Bees	Halictidae
Slender Cockscomb	<i>Anoplarchus insignis</i>	Heleomyzid Flies	Heleomyzidae
High Cockscomb	<i>Anoplarchus purpurescens</i>	Hypogastrurid Springtails	Hypogastruridae
Pacific Snake Prickleback	<i>Lumpenus sagitta</i>	Ichneumons (Parasitic Wasps)	Ichneumonidae
Penpoint Gunnel	<i>Apodichthys flavidus</i>	Isotomid Springtails	Isotomidae
Rockweed Gunnel	<i>Apodichthys fuorum</i>	Scavenger Beetles	Lathridiidae
Crescent Gunnel	<i>Pholis laeta</i>	Seed Bugs	Lygaeidae
Saddleback Gunnel	<i>Pholis ornata</i>	Plant Bugs	Miridae
Pacific Sand Lance	<i>Ammodytes hexapterus</i>	House Flies	Muscidae

Common Name	Family Name	Common Name	Family Name
Insects (continued)		Bark and Ambrosia Beetles	Scolytidae
Fungus Gnats	Mycetophilidae	Carrion Beetles	Silphidae
Pine Flower Snout Beetles	Nemonychidae	Globular Springtails	Sminthuridae
Onychiurid Springtails.	Onychiuridae	Rove Beetles	Staphylinidae
Stink Bugs	Pentatomidae	Hover Flies	Syrphidae
Humpbacked Flies	Phoridae	Tachinid Flies	Tachinidae
Large Caddis Flies	Phryganeidae	Darkling Beetles	Tenebrionidae
Parasitic Wasps	Proctotrupidae	Sawflies	Tenthredinidae
Barklice	Psocoptera*	Pygmy Grasshoppers	Tetrigidae
Psyllids	Psyllidae	Lace Bugs	Tingidae
Scentless Plant Bugs	Rhopalidae	Crane Flies	Tipulidae
Dung Flies	Scatophagidae	Xylophagid Flies	Xylophagidae
Dark-winged Fungus Gnats	Sciaridae		

*Order Name