

Willapa NWR – Lewis/Porter Point/Riekkola Units

Pacific County, Washington

7-10-04, Nancy Eid, K. Sayce

Row Codes Introduced species

Family	Scientific Name	Common Name	Notes
Ferns & Fern Allies			
Polypodiaceae	<i>Athyrium filix-femina</i>	lady fern	
	<i>Blechnum spicant</i>	deer fern	
	<i>Dryopteris expansa</i>	spreading wood fern	
	<i>Polystichum munitum</i>	sword fern	
	<i>Pteridium aquifolium</i>	bracken fern	
Salvinaceae	<i>Azolla mexicana</i>	Mexican waterfern	
Conifers			
Cupressaceae	<i>Thuja plicata</i>	western red cedar	marsh edge, upland
Pinaceae	<i>Picea sitchensis</i>	Sitka spruce	few trees, along dikes, slightly higher sites
	<i>Pseudotsuga menziesii</i>	Douglas-fir	planted on upland commercial timberland
	<i>Tsuga heterophylla</i>	western hemlock	upland tree, occasionally on loas in wetland
Monocots			
Cyperaceae	<i>Carex lenticularis</i> B52 <i>limnophila</i>	lenticular sedge	C. hindsii; salt marsh
	<i>Carex lyngbyei</i>	Lyngby's sedge	salt marsh
	<i>Carex obnupta</i>	slough sedge	freshwater marsh
	<i>Eleocharis palustris</i>	common spike-rush	E. macrostachya; freshwater marsh
	<i>Scirpus microcarpus</i>	small-fruited bulrush	freshwater marsh
Juncaceae	<i>Juncus acuminatus</i>	tapered rush	ditches
	<i>Juncus articus</i> var. <i>balticus</i>	Baltic rush	J. balticus; freshwater marsh
	<i>Juncus bufonius</i>	toad rush	roadways and dikes
	<i>Juncus effusus</i> var. <i>compactus</i>	soft rush	freshwater marsh
	<i>Juncus effusus</i> var. <i>effusus</i>	soft rush	freshwater marsh
	<i>Juncus effusus</i> var. <i>gracilis</i>	soft rush	freshwater marsh
	<i>Juncus tenuis</i>	slender rush	roadways
Juncaginaceae	<i>Triglochin concinnum</i>	graceful arrowgrass	salt marsh
	<i>Triglochin maritima</i>	seaside arrowgrass	salt marsh
Lemnaceae	<i>Lemna minor</i>	water lentil	freshwater marsh
Liliaceae	<i>Maianthemum dilatatum</i>	false lily-of-the-valley	dikes, shady areas
	<i>Narcissus pseudonarcissus</i>	daffodils	old farm yard, uphill
	<i>Prosartes smithii</i>	Smith's fairybells	Disporum smithii; dike, shady area; forest at east end
Poaceae	<i>Agrostis alba</i> var. <i>alba</i>	redtop	freshwater marsh
	<i>Aira caryophyllea</i>	silver hairgrass	dikes
	<i>Agrostis exrata</i>	spike bentgrass	salt marsh
	<i>Alopecurus pratensis</i>	meadow foxtail	freshwater marsh
	<i>Anthoxanthum odoratum</i>	sweet vernal grass	roadways, dikes

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	<i>Bromus hordeaceus</i>	soft cheat	Bromus mollis; dikes
	<i>Bromus japonicus</i>	hairy chess	Bromus commutatus; dikes
	<i>Bromus pacificus</i>	Pacific brome	outer edge of dikes
	<i>Calamagrostis nutkaensis</i>	Nootka reedgrass	marsh edge, forest edge
	<i>Dactylis glomerata</i>	orchard grass	dikes
	<i>Deschampsia caespitosa</i> var. <i>arctica</i>	tufted hairgrass	salt marsh
	<i>Distichlis spicata</i>	salt grass	salt marsh
	<i>Festuca arundinaceae</i>	tall fescue	dikes
	<i>Festuca rubra</i>	red fescue	salt marsh
	<i>Glyceria elata</i>	tall mannagrass	freshwater marsh
	<i>Holcus lanatus</i>	common velvet grass	dikes, roads
	<i>Hordeum brachyantherum</i>	meadow barley	salt marsh
	<i>Lolium perenne</i>	perennial ryegrass	dikes
	<i>Phalaris arundinacea</i>	reed canary grass	freshwater marsh
	<i>Poa annua</i>	annual bluegrass	dikes, roads
	<i>Poa pratensis</i> ssp. <i>pratensis</i>	Kentucky bluegrass	dikes, roads
check in flower	<i>Puccinellia</i> sp.	alkali grass	salt marsh
	<i>Spartina alterniflora</i>	smooth cordgrass	salt marsh
	<i>Trisetum cernuum</i>	nodding trisetum	dikes
	<i>Zizania palustris</i> var. <i>interior</i>	wild rice	Z. aquatica; freshwater marsh
Potamogetonaceae	<i>Potamogeton</i> sp.	pondweed	freshwater marsh
Sparganiaceae	<i>Sparganium emersum</i> ssp. <i>emersum</i>	simple-stem bur-reed	freshwater marsh
Typhaceae	<i>Typha latifolia</i>	broad-leaved cattail	freshwater marsh
Zosteraceae	<i>Zostera japonica</i>	dwarf eelgrass	Z. nana; upper tidelands
	<i>Zostera marina</i>	eelgrass	lower tidelands
Dicots			
Apiaceae	<i>Angelica lucida</i>	sea-watch	edge of salt marsh, dike
	<i>Heracleum lanatum</i>	cow-parsnip	dikes
	<i>Oenanthe sarmentosa</i>	Pacific water-parsley	freshwater marsh
Asteraceae	<i>Achillea millifolium</i>	common yarrow	dikes
	<i>Anaphalis margaritacea</i>	pearly-everlasting	dikes
	<i>Aster subspicatus</i>	Douglas' aster	freshwater marsh
	<i>Bidens cernua</i>	nodding bur-marigold	freshwater marsh
	<i>Cirsium edule</i>	edible thistle	edge of salt marsh, dike
	<i>Cirsium vulgare</i>	bull thistle	dikes, roads
	<i>Cotula coronopifolia</i>	brass buttons	freshwater marsh, brackish areas in salt marsh
	<i>Crepis capillaris</i>	smooth hawksbeard	dikes
	<i>Erechtites minima</i>	toothed coast burnweed	E. prenanthoides; dikes
	<i>Erechtites serratula</i>	serrate coast burnweed	dikes
	<i>Gnaphalium uliginosum</i>	marsh cudweed	freshwater marsh
	<i>Hypochaeris radicata</i>	hairy cat's ear	dikes
	<i>Jaumea carnosa</i>	fleshy jaumea	salt marsh
check in flower	<i>Lactuca</i> sp.	lettuce	s end east dike
	<i>Lapsana communis</i>	nipplewort	shade, s end, east dike
	<i>Leucanthemum vulgare</i>	ox-eye daisy	Chrysanthemum leucanthemum. dikes

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	<i>Matricaria matricarioides</i>	pineapple weed	dikes
	<i>Senecio jacobea</i>	tansy ragwort	dikes
	<i>Senecio vulgaris</i>	common groundsel	dikes
	<i>Sonchus arvensis</i>	perennial sow-thistle	dikes
	<i>Sonchus asper</i>	prickly sow-thistle	dikes
	<i>Sonchus oleraceus</i>	common sow-thistle	dikes
	<i>Taraxacum officinale</i>	common dandelion	T. laevigatum; dikes
Brassicaceae	<i>Barbarea orthoceras</i>	American wintercress	dikes, upper edge of marshes
	<i>Rorippa islandica</i> var. <i>islandica</i>	marsh yellow cress	edge of fresh marsh along dikes
Callitrichaceae	<i>Callitriche heterophylla</i> var. <i>bolanderi</i>	different-leaved water starwort	freshwater marsh
Caprifoliaceae	<i>Lonicera involucrata</i>	black twinberry	dikes
	<i>Sambucus racemosa</i> ssp. <i>pubens</i> var. <i>arborescens</i>	red elderberry	dikes
Caryophyllaceae	<i>Cerastium arvensis</i>	field chickweed	dikes
	<i>Cerastium fontanum</i> ssp. <i>vulgare</i>	common chickweed	C. vulgatum, dikes
	<i>Cerastium glomeratum</i>	sticky chickweed	dikes
	<i>Minuartia rubella</i>	boreal sandwort	Arenaria rubella, roadways
	<i>Spergularia marina</i> var. <i>marina</i>	saltmarsh sandspurry	salt marsh
	<i>Stellaria crispa</i>	crisped starwort	dikes
	<i>Stellaria longipes</i> var. <i>longipes</i>	long-stalk starwort	dikes, edge of marsh
Chenopodiaceae	<i>Chenopodium album</i>	lamb's quarter	salt marsh
	<i>Salicornia virginica</i>	pickleweed	salt marsh
Ericaceae	<i>Gaultheria shallon</i>	salal	dikes
Fabaceae	<i>Lotus corniculatus</i>	birds'foot trefoil	freshwater marsh
	<i>Trifolium procumbens</i>	hop clover	dikes, roads
	<i>Trifolium repens</i>	white clover	dikes, roads
	<i>Vicia disperma</i>	two-seeded vetch	dikes, roads
	<i>Vicia gigantea</i>	giant vetch	edge of salt marsh, dike
	<i>Vicia sativa</i> var. <i>angustifolius</i>	common vetch	dikes, roads
Lamiaceae	<i>Prunella vulgaris</i> var. <i>lanceolata</i>	self-heal, heal-all	in shady areas along dikes
	<i>Stachys ajugoides</i> var. <i>rigida</i>	Mexican hedge-nettle	S. mexicana, in shady areas along dikes
Nymphaeaceae	<i>Nuphar polysepalum</i> ssp. <i>luteum</i>	yellow water lily	freshwater marsh
Onagraceae	<i>Epilobium angustifolium</i>	fireweed	dikes
	<i>Epilobium paniculatum</i> ssp. <i>iucundum</i>	tall annual willowherb	dikes
Onagraceae	<i>Ludwigia palustris</i> var. <i>pacifica</i>	water-purslane	freshwater marsh
Plantaginaceae	<i>Plantago lanceolata</i>	ribwort	dikes, roads
	<i>Plantago major</i> var. <i>major</i>	common plantain	dikes, roads
	<i>Plantago maritima</i> ssp. <i>juncooides</i>	seaside plantain	salt marsh
Polygonaceae	<i>Polygonum lapathifolium</i>	willowweed	freshwater marsh; large plain leaves

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	<i>Polygonum persicaria</i>	lady's thumb	freshwater marsh, edges; large blotched leaves
	<i>Rumex acetosella</i>	sheep sorrel	dikes, roads
	<i>Rumex crispus</i>	curly dock	salt marsh
	<i>Rumex occidentalis</i> var. <i>procerus</i>	western dock	salt marsh
Portulacaceae	<i>Claytonia sibirica</i>	Siberian candyflower	Montia sibirica, upper edge of dike, in shade
Ranunculaceae	<i>Ranunculus repens</i>	creeping buttercup	freshwater marsh, dikes
Rhamnaceae	<i>Rhamnus purshiana</i>	cascara	dikes, shady areas
Rosaceae	<i>Arunucus dioica</i>	goatsbeard	forest shade
	<i>Fragaria chiloensis</i>	coast strawberry	dikes, roads
	<i>Geum macrophyllum</i>	large-leaved avens	shade, forest upland
	<i>Potentilla egedii</i>	Pacific silverweed	P. anserina, P. pacifica, marshes
	<i>Pyrus fusca</i>	western crabapple	Malus fusca, marshes
Rosaceae	<i>Rubus armeniacus</i>	Himalayan blackberry	R. discolor, R. procerus, along dikes
	<i>Rubus laciniatus</i>	evergreen blackberry	along dikes
	<i>Rubus parviflorus</i>	thimbleberry	forest, near dikes
	<i>Rubus spectabilis</i>	salmonberry	along dikes
	<i>Rubus ursinus</i>	dewberry, trailing blackberry	along dikes
Rubiaceae	<i>Galium aparine</i>	cleavers	freshwater marsh
	<i>Galium trifidum</i>	small bedstraw	freshwater marsh
Salicaceae	<i>Salix hookeriana</i>	coast willow, Hooker's willow	along dikes, white hairs
	<i>Salix scouleriana</i>	Scouler's willow	along dikes, rusty hairs
	<i>Salix sitchensis</i>	Sitka willow	upland, near road
Saxifragaceae	<i>Tellima grandiflora</i>	fringecup	forest, near dikes
Scrophulariaceae	<i>Parentucellia viscosa</i>	parentucellia	
	<i>Digitalis purpurea</i>	foxglove	
	<i>Triphysaria pusilla</i>	dwarf owl-clover	Orthocarpus pusillus
	<i>Veronica americana</i>	American brookline	
	<i>Veronica scutellata</i>	marsh speedwell	
Solanaceae	<i>Solanum dulcamara</i>	bittersweet	
Violaceae	<i>Viola glabella</i>	early yellow violet	forest areas