

**Chapter 5 Table A-2. Vascular and non-vascular plants found in *Sphagnum*-dominated peatlands in Olympic Peninsula and southwestern Washington<sup>1</sup>.**

**Community Types<sup>2</sup>**

A – *Carex livida*/*Sphagnum* spp.

B – *Carex utriculata*/*Sphagnum* spp.

C – *Carex utriculata* – *Carex aquatilis*/*Sphagnum* spp.

D – *Eriophorum chamissonis*/*Sphagnum* spp.

E – *Juncus supiniformis*/*Sphagnum* spp.

F – *Rhynchospora alba*/*Sphagnum* spp.

G – *Kalmia microphylla* -*Ledum groenlandicum*/*Carex utriculata*/*Sphagnum* spp.

H – *Kalmia microphylla* -*Ledum groenlandicum*/*Xerophyllum tenax*/*Sphagnum* spp.

I – *Kalmia microphylla* - *Ledum groenlandicum* - *Gaultheria shallon*/*Pteridium aquilinum*/*Sphagnum* spp.

J – *Kalmia microphylla* - *Ledum groenlandicum* –*Vaccinium oxycoccos*/*Sphagnum* spp.

K – *Ledum groenlandicum* – *Myrica gale*/*Sphagnum* spp.

L – *Myrica gale*/*Carex utriculata* – *Nephrophyllidium crista-galli* – *Sanguisorba officinalis*/*Sphagnum* spp.

M – *Myrica gale*/*Carex aquatilis* – *Sanguisorba officinalis*/*Sphagnum* spp.

N – *Myrica gale*/*Deschampsia cespitosa* – *Sanguisorba officinalis*/*Sphagnum* spp.







Life Form	Scientific Name <sup>3</sup>	Common Name	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	<i>Eriophorum chamissonis</i>	Chamisso's cotton-grass	x		x	X		x				x						x			
	<i>Rhynchospora alba</i>	white beakrush	x	x			x	X				x		x	x	x			x	x	
Herbs	<i>Angelica genuflexa</i>	kneeling angelica																			
	<i>Anemone oregana</i> var. <i>felix</i>	Oregon anemone	x	x								x						x		x	
	<i>Athyrium filix-femina</i>	lady fern																		x	
	<i>Blechnum spicant</i>	deer fern	x	x					x		X	x	x				x	x	x	X	x
	<i>Boykinia occidentalis</i> ( <i>B. elata</i> )	slender boykinia	x	x								x						x	x	x	
	<i>B. intermedia</i> ( <i>B. major</i> )	greater boykinia						x									x				
	<i>Camassia</i> spp.	camas	x	x																	
	<i>Cicuta douglasii</i>	Douglas' water-hemlock																			
	<i>Cornus unalaschensis</i> ( <i>C. canadensis</i> )	bunchberry							x	x	x	x	x					x	x	x	x
	<i>Dodecatheon jeffreyi</i>	Jeffrey's shooting star													x		x		x		
	<i>Drosera rotundifolia</i>	roundleaf sundew	x	x	x			x			x	x	x		x			x	x	x	x
	<i>Equisetum fluviatile</i>	water horsetail																			
	<i>Galium trifidum</i>	small bedstraw															x				
	<i>Gentiana douglasiana</i>	Douglas' gentian	x								x			x	x					x	
	<i>G. sceptrum</i>	king gentian	x	x	x			x	x	x	x	x	x	x		X	x	x	x	x	x
	<i>Hypericum anagaloides</i>	bog St. John's-wort	x	x			x				x	x		x			x	x		x	
	<i>Lycopus uniflorus</i>	northern bugleweed										x	x				x				

Life Form	Scientific Name <sup>3</sup>	Common Name	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	<i>Lysichiton americanus</i> ( <i>Lysichitum americanum</i> )	skunk cabbage	x			x		x				x	x		x		x	x	X	X	
	<i>Maianthemum dilatatum</i>	false lily-of-the-valley							x	x	x	x	x					x	x	x	x
	<i>Mentha arvensis</i>	field mint																			
	<i>Menyanthes trifoliata</i>	buckbean	x										x								
	<i>Nephrophyllidium crista-galli</i>	deer cabbage	x	x	x			x				x		X		x		x			
	<i>Nuphar polysepalum</i>	spatterdock						x				x			x						
	<i>Oenanthe sarmentosa</i>	water parsley																	x	x	
	<i>Plantanthera dilatata</i> ( <i>Habenaria dilatata</i> )	bog-candle	x									x							x		
	<i>Plantago macrocarpa</i>	Alaska plaintain															x				
	<i>Polystichum munitum</i>	swordfern																			x
	<i>Potentilla anserina</i> ssp. <i>pacifica</i> ( <i>P. pacifica</i> )	silverweed															x				
	<i>P. palustris</i>	marsh cinquefoil										x	x				x				
	<i>Prunella vulgaris</i>	self-heal															x				
	<i>Pteridium aquilinum</i>	bracken fern		x						X	X	x	x					X			x
	<i>Ranunculus flammula</i>	lesser spearwort															x				
	<i>Rubus pedatus</i>	creeping raspberry or fiveleaved bramble											x	x				x	x	x	
	<i>Sanguisorba officinalis</i>	great burnet	X	x	X				X		x		x	X	X	X		x	x	x	
	<i>Senecio triangularis</i>	arrowleaf groundsel																	x		
	<i>Spiranthes romanzoffiana</i>	ladies-tresses	x									x									x
	<i>Tofieldia glutinosa</i>	tofieldia	x					x			x	x					x				



Life Form	Scientific Name <sup>3</sup>	Common Name	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	<i>Spiraea douglasii</i>	hardhack									x	x	x				X		x	x	x
	<i>Vaccinium oxycoccos</i>	bog cranberry	X	x	x	x		X	x	x	x	X	x		x			x	x	x	x
	<i>V. ovalifolium</i>	oval-leaved blueberry																	x		
	<i>V. ovatum</i>	evergreen huckleberry									x							x	x	x	x
	<i>V. parvifolium</i>	red huckleberry																	x	x	x
	<i>V. uliginosum</i>	bog blueberry										x									
Trees	<i>Abies amabilis</i>	silver fir																			x
	<i>Picea sitchensis</i>	Sitka spruce								x	x	x			x		x	x	x	x	x
	<i>Pinus contorta</i>	shore pine		x						x		x	x					X	X		
	<i>Pinus monticola</i>	western white pine		x								x	x					x			
	<i>Pseudotsuga menziesii</i>	Douglas fir																			x
	<i>Thuja plicata</i>	western red cedar		x				x			x	x		x	x			x	X	X	X
	<i>Tsuga heterophylla</i>	western hemlock								x	x	x	x					x	X	X	X

TABLE NOTES:

X Identifies dominant or indicator species.

x Identifies associated species that generally form very little areal cover and are not dominant or indicators of the community type.

FOOTNOTES:

1. Puget Trough province (Franklin and Dyrness 1988) includes the northern Puget Trough and Southern Puget Trough and Lower Columbia River regions defined by Kunze (1994). It coincides with the lowland areas around Puget Sound and west of the Cascade Mountains that were covered and formed by several glacial epochs, the last of which was the Vashon Stade of the Fraser glaciation.



2. Community types are as identified by Kunze 1994.
3. For vascular plants, nomenclature follows Hitchcock and Cronquist (1973) in most cases. Where nomenclature differs, the Hitchcock & Cronquist synonym is given in parenthesis.
4. Distribution of mosses is not identified by Kunze (1994) and has not been studied. Though mosses, especially *Sphagnum* species are sometimes dominant or indicators, only presence is indicated because only limited sampling has been conducted. More comprehensive and systematic surveys are required to identify dominant and associate species.
5. *Eurynchium praelongum* is identified as *Kindbergia praelonga* in W.B. Schofield, 1992, Common Mosses of British Columbia, Royal British Columbia Museum.

#### Table references for Chapter 5 appendices

Franklin, J.F. and C.T. Dyrness. 1973. Natural Vegetation of Oregon and Washington. USDA Forest Service General Technical Report PNW-8. US Department of Agriculture, Portland, Oregon.

Hitchcock, C.L. and A. Cronquist, 1973. Flora of the Pacific Northwest. University of Washington press. Seattle, WA and London.

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