

UnID	SPlotNo	Latitude	Longitude	Genus	Species	PCover	SIndex	Wt_SIndex	MIndex	Wt_MInd	WIndex	Wt_WInd
1	24	45.461159	-122.642036	Fraxinus	latifolia	37.5						
2	24			Quercus	garryana	15						
3	24			Lathyrus	tingitanus	15						
4	24			Elymus	glaucus	15						
5	24			Holcus	lanatus	37.5						
6	24			Daucus	carota	15						
7	24			Sonchus	asper	37.5						
8	24			Acer	macrophyllum	15						
Sum												

Moisture Index	MIndex	Weed Index	WIndex	Structural Index	SIndex	Operations	Calculated Interim Data
OBL	1	Native	1	Herbs (Nonwoody)	3	PCover x MIndex =	Wt_MInd
FACW	2	Nonnative	3	Shrubs (Woody <= 20-feet)	5	PCover x WIndex =	Wt_WInd
FAC	3	Nonnative Invasive	5	Trees (Woody > 20-feet)	7	PCover x SIndex (H) =	Wt_SIndex (H)
FACU	4					PCover x SIndex (S) =	Wt_SIndex (S)
Upland	5					PCover x SIndex (T) =	Wt_SIndex (T)

1. Sample Plot Moisture Index (SPMInd) = $\text{Sum}(\text{Wt_MInd}) / \text{Sum}(\text{PCover})$:
2. Sample Plot Weed Index (SPWIndex) = $\text{Sum}(\text{Wt_WInd}) / \text{Sum}(\text{PCover})$:
3. a. Total Sample Plot Structure Index (TSPSIndex) = $\text{Sum}(\text{Wt_SIndex (H)}) + \text{Sum}(\text{Wt_SIndex (S)}) + \text{Sum}(\text{Wt_SIndex (T)})$: 540 (H) + 225 (S) + 0 (T)
 - Relative Sample Plot Structural Index Herbs (RSPSIndex (H)) = $\text{Sum}(\text{Wt_SIndex (H)}) / \text{TSPSIndex}$:
 - Relative Sample Plot Structural Index Shrubs (RSPSIndex (S)) = $\text{Sum}(\text{Wt_SIndex (S)}) / \text{TSPSIndex}$:
 - Relative Sample Plot Structural Index Trees (RSPSIndex (T)) = $\text{Sum}(\text{Wt_SIndex (T)}) / \text{TSPSIndex}$:

≥ 0.33 RSPSIndex: Dominant Structural Class / ≥ 0.14 RSPSIndex: Subordinate Structural Class

Analysis: Sample Unit = _____

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ID	Genus	Species	Pcode	Mindex	Windex
1	Abies	amabilis	ABIAMA	4	1
126	Abies	grandis	ABIGRA	4	1
2	Acer	macrophyllum	ACEMAC	4	1
5	Acer	pseudoplatanus	ACEPSE	3	5
4	Acer	circinatum	ACECIR	3	1
3	Acer	platanoides	ACEPLA	4	3
6	Achillea	millefolium	ACHMIL	4	3
158	Aesculus	hippocastanum	AESHIP	5	3
7	Agroelymus	adamsii	AGRADA	3	3
137	Agropyron	repens	AGRREP	3	3
8	Agrostis	alba	AGRALB	3	3
9	Agrostis	stolonifera	AGRSTO	3	3
160	Alliaria	petiolata	ALLPET	4	5
10	Alnus	rubra	ALNRUB	3	1
11	Amelanchier	alnifolia	AMEALN	4	1
12	Anaphalis	margaritacea	ANAMAR	4	1
13	Anthemis	cotula	ANTCOT	4	3
152	Anthoxanthum	odoratum	ANTODO	4	3
14	Arbutus	menziesii	ARBMEN	5	1
168	Arctium	lappa	ARCLAP	5	3
175	Aruncus	dioicus	ARUDIO	4	3
15	Athyrium	filix-femina	ATHFEM	3	1
194	Bambusa	spp	BAMSPP	5	5
182	Barbarea	orthoceras	BARORT	2	1
17	Berberis	aquifolium	BERAQU	4	1
16	Berberis	nervosa	BERNER	4	1
156	Betula	pendula	BETPEN	4	3
169	Brachypodium	sylvaticum	BRASYL	5	5
18	Bromus	spp	BROSPP	4	3
19	Bromus	sitchensis	BROSIT	5	1

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163	Bromus	rigidus	BRORIG	5	5
20	Cardamine	occidentalis	CAROCC	2	1
21	Carex	deweyana	CARDEW	3	1
22	Carex	obnupta	CAROBN	1	1
128	Carex	densa	CARDEN	1	1
149	Cedrus	deodara	CEDDEO	5	3
23	Chamerion	angustifolium	CHAANG	4	1
24	Cirsium	arvense	CIRARV	3	3
25	Claytonia	sibirica	CLASIB	3	1
26	Clematis	vitalba	CLEVIT	3	5
196	Conium	maculatum	CONMAC	3	3
164	Convolvulus	sepium	CONSEP	3	5
27	Cornus	sericea	CORSER	2	1
148	Cornus	nuttallii	CORNUT	4	1
28	Corylus	cornuta v californica	CORCOR	4	1
29	Cotula	spp	COTSPP	4	3
161	Crataegus	monogyna	CRAMON	3	5
30	Crataegus	douglasii	CRATDOU	3	1
31	Cytisus	scoparius	CYTSCO	5	5
32	Dactylis	glomerata	DACGLO	4	3
33	Daphne	laureola	DAPLAU	5	5
159	Daucus	carota	DAUCAR	4	3
34	Digitalis	purpurea	DIGPUR	4	1
190	Dipsacus	fullonum	DIPFUL	3	3
35	Dryopteris	expansa	DRYEXP	2	1
151	Elymus	glaucus	ELYGLA	4	1
139	Epilobium	ciliatum	EPICIL	2	1
118	Epilobium	angustifolium	EPIANG	4	1
37	Equisetum	telmateia	EQUTEL	2	1
36	Equisetum	arvense	EQUARV	3	1
38	Eschscholzia	californica	ESCCAL	5	1
39	Festuca	arundinaceae	FESARU	3	3

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138	Festuca	rubra	FESRUB	3	3
40	Frangula	purshiana	FRAPUR	3	1
178	Fraxinus	latifolia	FRALAT	2	1
41	Galium	aparine	GALAPE	4	1
125	Galium	spp	GALSPP	4	1
42	Gaultheria	shallon	GAUSHA	4	1
202	Geranium	bicknellii	GERBIC	5	3
43	Geranium	robertianum	GERROB	4	1
44	Geum	macrophyllum	GEUMAC	3	1
200	Gleditsia	triacanthos var. inermis	GLETRI	3	3
123	Glyceria	elata	GLYELA	2	1
45	Glyceria	occidentalis	GLYOCC	1	1
46	Hedera	helix	HEDHEL	4	5
47	Holcus	lanatus	HOLLAN	3	3
48	Holodiscus	discolor	HOLDIS	4	1
49	Hydrangea	arborescens	HYDARB	4	3
136	Hydrophyllum	tenuipes	HYDTEN	3	1
50	Hypochaeris	radicata	HYPRAD	4	5
51	Ilex	aquifolium	ILEAQU	4	3
183	Impatiens	capensis	IMPCAP	2	1
205	Impatiens	noli-tangere	IMPNOL	2	1
52	Iris	pseudacorus	IRIPSE	1	5
167	Juglans	cinerea	JUGCIN	4	3
121	Juncus	effusus	JUNEFF	2	1
133	Juniperus	spp	JUNSPP	4	3
53	Lamium	purpureum	LAMPUR	5	3
179	Lapsana	communis	LAPCOM	4	3
186	Lathyrus	tingitanus	LATTIN	5	5
131	Lathyrus	latifolia	LATLAT	5	3
195	Lathyrus	latifolius	LATLAT	5	3
56	Lonicera	hirsuta	LONHIR	5	3

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55	Lonicera	ciliosa	LONCIL	5	1
54	Lonicera	hispidula	LONHIS	4	1
181	Lonicera	involucrata	LONINV	3	1
191	Lotus	corniculatus	LOTCOR	3	3
57	Lupinus	rivularis	LUPRIV	3	1
141	Luzula	SPP	LUZSPP	3	1
58	Lysichiton	americanus	LYSAMER	1	1
132	Lysimachia	nummularia	LYSNUM	2	3
171	Lythrum	salicaria	LYTSAL	1	5
188	Magnolia	virginiana	MAGVIR	2	3
59	Maianthemum	dilatatum	MAIDIL	3	1
60	Malus	fusca	MALFUS	2	1
154	Malus	spp	MALSPP	2	1
193	Marah	oreganus	MARORE	5	1
199	Melissa	officinalis	MELOFF	4	3
180	Mentha	aquatica var citrata	MENAQU	2	1
61	Mitella	caulescens	MITCAU	3	1
62	Oemleria	cerasiformis	OEMCER	4	1
119	Oenanthe	sarmentosa	OENSAR	1	1
63	Oplopanax	horridus	OPLHOR	2	1
122	Osmorhiza	chilenses	OSMCHI	4	1
64	Phalaris	arrundinacea	PHAARU	2	5
173	Philadelphus	lewisii	PHILEW	2	1
65	Physocarpus	capitatus	PHYCAP	2	1
170	Phytolacca	americana	PHYAME	4	1
66	Pinus	ponderosa	PIPO	4	1
67	Pinus	contorta	PICO	3	1
146	Pinus	spp	PINSPP	4	3
68	Plantago	lanceolata	PLALAN	4	3
69	Plantago	major	PLAMAJ	3	3
129	Poa	spp	POASPP	4	3
70	Poa	pratensis	POAPRA	3	3

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71	Polygonum	cuspidatum	POLCUS	4	5
143	Polypodium	glycyrrhiza	POLGLY	5	1
72	Polystichum	munitum	POLMUN	4	1
73	Populus	balsamifera	POPBAL	3	1
147	Populus	deltoides	POPDEL	3	1
75	Prunella	vulgaris	PRUVUL	4	3
74	Prunella	laciniata	PRULAC	5	3
206	Prunus	serotina	PRUSER	4	3
76	Prunus	laurocerasus	PRULAU	5	3
77	Prunus	lusitanica	PRULUS	5	3
78	Prunus	emarginata	PRUEMA	4	1
157	Prunus	avium	PRUAVI	4	3
79	Pseudotsuga	menziesii	PSEMEN	4	1
80	Pteridium	aquilinum	PTEAQU	4	1
81	Quercus	garryana	QUEGAR	4	1
185	Quercus	garryana	QUEGAR	4	1
187	Quercus	rubra	QERRUB	4	3
82	Ranunculus	repens	RANREP	3	3
83	Ribes	sanguineum	RIBSAN	4	1
172	Ribes	divaricatum	RIBDIV	3	1
142	Ribes	bracteosum	RIBBRA	3	1
84	Ribes	lacustre	RIBLAC	3	1
85	Robinia	pseudoacacia	ROBPSE	4	3
86	Rosa	gymnocarpa	ROSGYM	4	1
174	Rosa	nutkana	ROSNUT	3	1
124	Rosa	pisocarpa	ROSPIS	3	1
87	Rubus	ursinus	RUBURS	4	1
91	Rubus	spp	RUBSPP	4	3
134	Rubus	parviflorus	RUBPAR	4	1
90	Rubus	leucodermis	RUBLEU	4	3
88	Rubus	armeniacus	RUBARM	4	5
89	Rubus	spectabilis	RUBSPE	3	1

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92	Rumex	acetosella	RUMACE	4	3
127	Rumex	crispus	RUMCRI	3	3
95	Salix	scouleriana	SALSCO	3	1
130	Salix	lucida	SALLUC	2	1
94	Salix	sitchensis	SALSIT	2	1
184	Salix	rigida	SALRIG	2	1
192	Salix	lasiandra	SALLAS	2	1
93	Salix	spp	SALSPP	2	1
144	Salix	alba	SALALB	2	3
96	Sambucus	racemosa	SAMRAC	4	1
145	Schoenoplectus	acutus	SCHACU	1	1
97	Scilla	spp	SCISPP	5	3
140	Scirpus	microcarpus	SCIMIC	1	1
177	Senecio	jacobaea	SENJAC	4	5
201	Sequoiadendron	giganteum	SEQDEN	5	3
176	Sisymbrium	altissimum	SISALT	4	5
162	Solanum	dulcamara	SOLDUL	3	5
203	Solidago	lepida	SOLLEP	3	1
166	Sonchus	asper	SONASP	4	3
98	Sorbus	aucuparia	SORAUC	3	3
99	Spiraea	douglasii	SPIDOU	2	1
165	Stachys	cooleyae	STACOO	2	1
100	Stellaria	media	STEMED	4	3
101	Symphoricarpos	albus	SYMALB	4	1
204	Tanacetum	vulgare	TANVUL	4	5
102	Taraxacum	officinale	TAROFF	4	3
103	Taxus	brevifolia	TAXBRE	4	1
197	Tellima	grandiflora	TELGRA	4	1
117	Tellima	grandiflora	TELGRA	4	1
155	Thalictrum	occidentale	THAOCC	4	1
105	Thuja	occidentalis	THUOCC	5	3
104	Thuja	plicata	THUPLI	3	1

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198	Tiarella	trifoliata	TIATRI	3	1
106	Tolmiea	menziesii	TOLMEN	3	1
107	Trifolium	pratense	TRIPRA	4	3
108	Tsuga	heterophylla	TSUHET	4	1
120	Typha	latifolia	TYPLAT	1	1
109	Unknown	grass	UNKGRA	5	3
110	Unknown	moss	UNKMOS	5	3
111	Urtica	dioica	URTDIO	3	1
112	Vaccinium	parvifolium	VACPAR	4	1
113	Vaccinium	ovatum	VACOVA	4	1
189	Verbascum	thapsus	VERTHA	4	3
114	Veronica	americana	VERAME	1	1
150	Viburnum	rhytidophyllum	VIBRHY	5	3
115	Viburnum	edule	VIBSPP	2	1
116	Vicia	americana	VICAME	3	3
135	Viola	orbiculata	VIOORB	5	1