Oak Bay Islets

Sample Taken June 13/99

PAC 6671 file under Oak Bay Islets 87128-20/3094

BC Parks: Griffin Island Plant List
Brenda Beckwith
23 August 99

X = sampled in plot, hit at least once O = present in plot, not hit

		Plot ID: Transect A					B			C		Total
		1	2	3	4	5	1	2	3	1	2	Plots
1. Achillea millefolium	yarrow	X	X	X	X		X	X	X	X	X	9
2. Aira praecox	early hairgrass	X				X						2
3. Allium acuminatum	Hooker's onion				O			X	X		O	4
4. Armeria maritima	thrift	X										1
5. Brodiaea type						X		X	X		X	4
6. Bromus hordeaceus	soft chess					O				X		2
7. Bromus sterilis	barren brome	X	X					X		X		4
8. Camassia leichtlinii	great camas	X	X	X	X	X	X	X	X	X	X	10
9. Carex inops	long-stoloned sedge								O			1
10. Cerastium arvense	field chickweed				X	O	X	O	X			5
11. Cladonia lepidota	lichen					X						1
12. Cynosurus echinatus	hedgehog dogtail	X				X	X		O	O	O	6
13. Elymus glaucus	blue wildrye		X	X	X			X			X	5
14. Elymus mollis	dunegrass	X		X			X	X	X	X	X	7
15. Eurhynchium praelongum	slender beaked moss				X	O			X		X	4
16. Festuca idahoensis	Idaho fescue				X	X			X		X	4
17. Fritillaria lanceolata	chocolate lily		X	O	X		X	X		X	X	7
18. Galium aparine	cleavers			O		O	X				X	4
19. Geranium molle	dovefoot geranium							X			X	2
20. Grindelia integrifolia	gumweed	O										1
21. Holcus lanatus	velvet-grass	O	X	X	X	O	O			O		7
22. Hypochaeris radicata	hairy cat's-ear				X	O	X	X	X			5
23. Juncus balticus	Baltic rush	X	X	X	X		X					5
24. Lomatium nudicaule	Ind. con. plant	X										3
25. Luzula campestris	wood-rush								O			1
26. Plantago lanceolata	Eng. plantain				X				X			2
27. Poa palustris	bluegrass	X	X	X	X		X	X	X	X	X	9
28. Ranunculus californicus	California buttercup						X					1

B.R.Beckwith 23/8/99
Griffin Data - Word

29. Ranunculus occidentalis	Western buttercup	X			X	O	X	O	X			6
30. Rubus ursinus	trailing blackberry	X	X				X					3
31. Rumex acetosella	sheep sorrel	X	X			O	X	X	X	X	O	8
32. Sanicula arctopoides	footsteps of spring						X					1
33. Sanicula crassicaulis	Pacific sanicle	X	X		X	X	X	O	X	X	O	9
34. Stellaria media	chickweed				X		X	X		X	X	5
35. Taraxacum officinale	dandelion		X	X								2
36. Veronica arvensis	wall speedwell					O						1
37. Vicia americana	American vetch	X	X	X	X		X	X		X	X	8
38. Vicia sativa	common vetch		X	X	X		X	X		O	X	7
39. Vulpia bromoides	barren fescue	X										1
40. Zygadenus venenosus	death camas	X	O						O			3
41. Hooker's onion??	white onion										O	1
42. Duff		X	X	X	X	X	X	X	X	X	X	10
Total Species per Plot		21	16	13	20	16	20	19	19	15	20	
Additional Species in Area												
43. Allium cernuum	nodding onion											
44. Brodiaea hyacinthina	fool's onion											
45. Deschampsia cespitosa	tufted hairgrass											
46. Symphoricarpos albus	snowberry											
Percent of Total of Species in Area		45	36	28	43	36	43	40	40	32	43	

NOTES:

1. This plant list includes presence/absence data for each plot. The right-hand column represents the number of times a particular species was found within the each plot. Also included are the total number of plant species in each plot and the percentage of plants found in each plot compared to the total number of plants found overall.

2. Twenty-five pin drops were completed for each one square meter plot. These data were then multiplied by four to get percent cover for each species per plot. [e.g. duff (see Note 4) was hit 25 times out of 25 pin drops = 100% cover.] The attached document lists the percent cover data for all species.

3. Plants were only collected if not easily identified on site and if found outside the permanent plots.

4. "Duff" refers to the litter/leaf/dead plant material that has accumulated over time. This serves as a good indicator of past disturbance, or lack thereof, regimes.

5. "Brodiaea type" refers to the presence of a single Brodiaea-type leaf, usually round in cross section. I did not have time to return to Griffin to positively identify these species when they would be in a more mature stage of growth.

6. Mike Ryan, who was asked to give his best guess of the moss (without material present) thought it could be *Brachythecium albicans,* and not *Eurhynchium praelongum.*

7. The fescue appears to *F. idahoensis* and not *F. occidentalis.* Compares well with UVic herbarium specimens.

8. The Poas I found challenging and may have more than one present. Unfortunately, I only recorded one at the time of sampling. I listed *P. palustris,* but could also have *P. pratensis.* Still uncertain.

9. The buttercups were equally challenging. After comparing with the UVic herbarium and running through several keys, I think both *R. occidentalis* and *R. californicus* are found on Griffin. However, similar to the Poas, I assumed one species at the time of sampling.

10. The white onion is definitely an onion and looks like *A. acuminatum.* I did not collect it because there were few and probably only located within the plot. And I did not want to take if rare or endangered.