



FOREST BIODIVERSITY ASSESSMENT

Oak/Douglas-fir and Oak/pine woodlands - Pacific Northwest Version 1.0

Date: _____

Stand: _____

TOPOGRAPHY & SITE CHARACTERISTICS	O
1. Site on SE - SW facing slope steeper than 20 % (1:5)	
2. Site on NE - NW facing slope steeper than 20 % (1:5)	
3. Forested slope steeper than 60 % (3:5)	
4. Conspicuous gorge or ravine	<input type="radio"/>
5. Conspicuous cliff, scree or talus slope	<input type="radio"/>
6. Large boulder(s) or rocky outcrop(s)	<input type="radio"/>
FOREST DYNAMICS	
7. Small (< 0.25 ac) canopy gaps	
8. Medium (0.25-1 ac) canopy gap(s)	
9. Larger (1-5 ac) canopy opening(s) created by wind or fire	
10. Open or semi-open canopy**	<input type="radio"/>
11. Numerous naturally regenerating tree saplings**	<input type="radio"/>
12. Ground vegetation very patchy and heterogeneous	
13. Exotic shrubs and trees absent or nearly absent*	<input type="radio"/>
14. Trees with bark charred by recent fire	<input type="radio"/>
15. Living tree(s) with wounds or scars from fire	<input type="radio"/>
16. Living tree(s) with wounds or scars from more than one fire	<input type="radio"/>
17. Numerous trees or tree tops broken by ice or snow	
18. Tree(s) felled by beaver or areas inundated by beaver	<input type="radio"/>
HABITAT IN THE FOREST	
19. Conspicuous bald(s)	<input type="radio"/>
20. Open or semi-open prairie, native grassland or meadow area	
21. Forested wetland area	<input type="radio"/>
22. Open wetland area	<input type="radio"/>
23. Forested spring or seep area	<input type="radio"/>
24. Riparian forest*	<input type="radio"/>
25. Streambed with substantial amounts of large woody debris**	<input type="radio"/>
26. Stream with section(s) of cascades	<input type="radio"/>
27. Streambed with section(s) of cobble or gravel	<input type="radio"/>
28. Large hollow and internally decayed tree(s)	<input type="radio"/>
29. Tree(s) with twig nests	<input type="radio"/>
30. Nesting holes in trees or snags*	<input type="radio"/>
<i>Site total</i>	<input type="text"/>

Highest possible site total 21

TREES	O
31. Some (native) nut-, berry- or fleshy fruit trees or shrubs*	<input type="radio"/>
32. Numerous (native) nut-, berry- or fleshy fruit trees or shrubs*	<input type="radio"/>
33. Canopy composed of 3 or more tree species	
34. Canopy composed of 5 or more tree species	
35. Numerous hardwood trees > 10" dbh	
36. Some hardwood trees > 20" dbh	<input type="radio"/>
37. Numerous trees > 20" dbh	<input type="radio"/>
38. Some trees > 30" dbh	<input type="radio"/>
39. Numerous trees > 30" dbh	<input type="radio"/>
40. Some trees > 40" dbh	<input type="radio"/>
FOREST STRUCTURE	
41. Substantial amounts of understory and subcanopy trees	
42. Canopy and sub-canopy trees of different diameters	<input type="radio"/>
43. Some large (veteran) trees from previous forest generation(s)	
44. Numerous large (veteran) trees from previous forest generation(s)	<input type="radio"/>
45. Forest area(s) remaining or retained after fire, storm or logging	
46. Some trees with thick branches or stem forks	<input type="radio"/>
47. Some tree trunks and branches covered by mosses and lichens	
DEAD TREES, SNAGS AND DOWN LOGS	
48. Some standing dead or dying trees or snags > 10" dbh	
49. Some standing sun-exposed dead or dying trees or snags > 10" dbh**	<input type="radio"/>
50. Some standing dead or dying trees or snags > 20" dbh	
51. Numerous standing dead or dying trees or snags > 20" dbh	
52. Some standing dead or dying trees or snags > 30" dbh**	<input type="radio"/>
53. Some down logs > 20" diameter at mid-log**	<input type="radio"/>
54. Some sun-exposed down logs > 20" diameter at mid-log**	<input type="radio"/>
55. Some down logs > 30" diameter at mid-log**	
56. Some down logs > 40" diameter at mid-log**	<input type="radio"/>
57. Down logs in various different stages of decay	
58. Some down logs covered by mosses	<input type="radio"/>
59. Some trees, snags or logs with shelf fungi	<input type="radio"/>
60. Signs of woodpecker foraging on trees, snags or logs	<input type="radio"/>
<i>Stand total</i>	<input type="text"/>

SITE & STAND TOTAL

Highest possible stand total 18

Highest possible combined total 35

O = Oak/Douglas-fir - Oak/pine woodlands

* Indicates a biodiversity element that can be enhanced with technical/financial assistance provided by EQIP.

** Indicates a biodiversity element that can be enhanced through either commercial thinning or EQIP assistance.

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What Next?

If your forest scores 26 points or less, its biodiversity value has the potential to be enhanced through active management. Contact NNRG, or another natural resource professional, to schedule a site visit to discuss options for improving the biodiversity value of your forest.