



Form H1: MAPS Habitat Structure Assessment (HSA) form

Location code: ____ Station code: ____ Date: (m/d/y) ____/____/ **2020** Surveyed by: _____ Survey (circle one): single | consensus

Habitat dominance code (as shown on station map; circle one): A – dominant | B – sub-dominant | C – minor 1 | D – minor 2 | E – minor 3

Describe habitat type: _____

Successional stage of habitat type (circle one): L – late | M – mid | E – early National Vegetation Classification Standard Formation: _____

Percentage of station comprised of this habitat type (from station map): ____% National Vegetation Classification Standard Alliance: _____

Pattern code of this habitat type (1-12): _____ Average height of: Tree canopy ____m, Shrubs ____m, Herbaceous vegetation ____m

Vegetative Layers	Cover ¹ <5, 10, 20,...see below...90, >95	Pattern 1-12	Number of Species	Vegetation types within each layer <i>Estimated percentages must add up to 100%</i>				Main species e.g. <i>Vaccinium ovatum</i> , <i>Poa pretensis</i> <i>Quercus rubra</i> , <i>Q. alba</i> , <i>Pinus contorta</i>
				Conifer	Broad	Forbs & ferns	Grass-like	
Upperstory: >15m				%	%	%		
Midstory: 5 -15m				%	%	%		
Understory: 0.5 - 5m				%	%	%	%	
Ground cover*: <0.5m				Woody	Nonvascular	Forbs & ferns	Grass-like	
Live vegetation	%			%	%	%	%	
Dead vegetation	%		leaves	twigs	branches	old logs	recent treefall	
Total non-vegetative	%	NA see text p.13	rock	stones or gravel	dirt or sand	water	human-made	

Non-vegetative Features	Estimate %	Pattern 1-12	Circle one or more features of cover type					Comment
Running water	%		seep/trickle canal	very small brook (<0.5m)	small stream (0.5-2.0m)	large stream (2.0-5.0m)	river (>5m)	
Standing water	%		pond/lake <50m ² >50m ²	for livestock <50m ² >50m ²	marsh/bog <50m ² >50m ²	seasonal occasional	permanent other	
Human-made Corridors	%		paved road	gravel track	dirt break	mown path	boardwalk other	
Human-made Structure	%		building culvert	fence dam	bridge channel	powerline wall	tower other	

General description of habitat type including habitat age:					Feature	Options
					Drainage:	well-drained poorly-drained
					Slope:	flat gentle undulating steep
					Geography:	bottomland hillside ridgetop plain
					Ridges:	none single two >2
					Aspect:	none N E S W All
Number of snags (>1m tall, >10cm diam.): 0 <5 5-15 >15					Logging:	clear-cut selective strip
Management / Disturbance history:					Disturbance:	fire wind flood drained icestorm
					Other:	write here

Percentage cover midpoints	<5	10	20	30	40	50	60	70	80	90	>95
Percentage cover range	0----	5%-----	15%-----	25%-----	35%-----	45%-----	55%-----	65%-----	75%-----	85%-----	95%-----100%

* Ground Cover (Live vegetation, Dead vegetation, and Total non-vegetative) must total 100%