Form H1: MAPS Habitat Structure Assessment (HSA) form

Location code: _ _ _ _   Station code: _ _ _ _   Date: (m/d/y) __/__/ **2017** 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 *Estimated percentages must add up to 100%*				Main species *e.g. Vaccinium ovatum, Poa pratensis Quercus rubra, Q. alba, Pinus contorta*
				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	very small brook	small stream	large stream	river	
			canal	(<0.5m)	(0.5-2.0m)	(2.0-5.0m)	(>5m)	
Standing water	%		pond/lake <50m²	>50m²	for livestock <50m²	>50m²	marsh/bog <50m²	>50m²	seasonal	permanent	
						occasional	other	
Human-made Corridors	%		paved	gravel	dirt	mown	boardwalk	
			road	track	break	path	other	
Human-made Structure	%		building	fence	bridge	powerline	tower	
			culvert	dam	channel	wall	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
Number of snags (>1m tall, >10cm diam.): 0	<5	5-15	>15		Aspect:	none	N	E	S	W	All
Management / Disturbance history:	Year(s) occurred:	Logging:	clear-cut	selective	strip
	Year(s) occurred:	Disturbance:	fire	wind	flood	drained	icestorm
	Year(s) occurred:	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%