

Land cover type	Areal cover (%)	Peak season vascular leaf area (km ²)		Peak season vascular shoot biomass (Gg)		Peak season moss biomass (Gg)		SOM in unfrozen soil (Gg)			
		Predicted	Adjusted	Predicted	Adjusted	Predicted	Adjusted	Early season		Late season	
								Predicted	Adjusted	Predicted	Adjusted
Shrub tundra	26.2	4.8 ± 0.7	4.9 ± 0.6	1.05 ± 0.13	0.87 ± 0.11	2.6 ± 0.6	3.9 ± 0.7	102 ± 13	121 ± 10	200 ± 13	241 ± 28
Wet Fen	15.6	4.8 ± 0.6	3.7 ± 0.5	0.48 ± 0.05	0.46 ± 0.06	0.5 ± 0.4	2.1 ± 0.4	107 ± 15	93 ± 7	189 ± 11	182 ± 21
Bare Soil	14.6	0.2 ± 0.1	0.8 ± 0.2	0.04 ± 0.01	0.14 ± 0.03	0 ± 0	0.2 ± 0.1	13 ± 2	22 ± 2	14 ± 2.0	24 ± 4
Dry fen	11.1	1.8 ± 0.2	2.1 ± 0.2	0.23 ± 0.02	0.30 ± 0.04	2.7 ± 0.3	2.3 ± 0.3	58 ± 6	58 ± 4	129 ± 5	126 ± 12
Lichen tundra	10.7	0.8 ± 0.1	1.1 ± 0.2	0.18 ± 0.03	0.23 ± 0.03	0.2 ± 0.1	0.6 ± 0.2	15 ± 4	30 ± 3	16 ± 2	38 ± 7
Bog	8.7	1.3 ± 0.1	1.6 ± 0.2	0.29 ± 0.06	0.27 ± 0.04	2.6 ± 0.3	1.9 ± 0.3	47 ± 5	46 ± 4	106 ± 5	99 ± 11
Graminoid tundra	3.2	0.7 ± 0.1	0.8 ± 0.1	0.09 ± 0.01	0.09 ± 0.01	0.6 ± 0.1	0.5 ± 0.1	18 ± 1	19 ± 1	40 ± 2	40 ± 4
Flood meadow	0.4	0.1 ± 0.1	0.1 ± 0.01	0.01 ± 0	0.01 ± 0	0.04 ± 0.01	0.03 ± 0.01	3 ± 0.4	2 ± 0.2	6 ± 0.3	4 ± 0.5
Landscape average (km ⁻²)		0.44 ± 0.06	0.46 ± 0.06	0.07 ± 0.01	0.07 ± 0.01	0.28 ± 0.06	0.35 ± 0.06	11 ± 2	12 ± 1	22 ± 1	23 ± 3
Landscape grand total		14.4 ± 2.0	15.1 ± 2.0	2.37 ± 0.32	2.38 ± 0.31	9.2 ± 1.8	11.4 ± 2.1	362 ± 47	391 ± 31	700 ± 40	754 ± 87