

Additional file 2 Common species (occurring in 50% or more of the 12 remeasured sites) encountered in 2005 and 2016. Species are presented in alphabetical order first as the species common in both years and then those common in just one year (below the line). See Additional file 4 for common names, growth types and author citation.

2005				2016			
Species common both years	Plots present (%)	Average cover (%)	Maximum cover (%)	Species common both years	Plots present (%)	Average cover (%)	Maximum cover (%)
<i>Chamerion angustifolium</i>	58	3.4	14.0	<i>C. angustifolium</i>	100	1.7	3.6
<i>Hylocomium splendens</i>	75	5.5	21.8	<i>H. splendens</i>	50	1.8	15.6
<i>Ledum groenlandicum</i>	75	2.1	8.0	<i>L. groenlandicum</i>	83	8.2	27.2
<i>Salix</i> spp.	58	1.5	9.3	<i>Salix</i> spp.	100	8.0	19.2
<i>Vaccinium uliginosum</i>	58	2.5	9.8	<i>V. uliginosum</i>	75	12.1	28.6
<i>Vaccinium vitis-idaea</i>	83	3.0	22.0	<i>V. vitis-idaea</i>	92	3.9	13.0
Species common one year				Species common one year			
<i>Equisetum arvense</i>	75	1.2	4.3	<i>Betula neoalaskana</i>	67	1.3	5.8
Unknown lichen	58	0.8	4.3	<i>Cladonia</i> spp.	92	1.0	2.6
				Unknown crust lichen	50	0.5	1.8
				<i>Dicranum</i> sp.	58	2.7	19.0
				<i>Equisetum scirpoides</i>	58	0.8	4.8
				Fungi	92	0.6	1.8
				<i>Petasites frigidus</i>	58	1.1	5.6
				<i>Peltigera</i> sp.	92	0.7	1.6
				<i>Picea glauca</i>	50	0.2	1.2
				<i>Picea mariana</i>	67	1.2	6.4
				<i>Polytrichum</i> sp.	100	14.1	35.6
				<i>Populus tremuloides</i>	58	1.5	11.4
				<i>Rosa acicularis</i>	67	3.1	22.2