

Table 8. R4D permanent study plot vegetation data, species cover (percent), sorted by growth form

Plot No.	25B	26	27	28	29A	29B	30A	30B	31	32A	32B	33	34	35A	35B	36A	36B	37	38	39	40	41	42	43	44A	44B	45	46
<i>Carex rotundata</i>	02																											
<i>Carex rupestris</i>																							01					
<i>Carex saxatilis laxa</i>		+																										
<i>Carex scirpoidea</i>																												
<i>Carex vaginata</i>		+																										
<i>Eriophorum angustifolium</i> s.l.		+																							+			
<i>Eriophorum angustifolium subarcticum</i>													60	+	20	20	25											+
<i>Eriophorum russeolum</i>																												
<i>Eriophorum scheuchzeri scheuchzeri</i>	05																											
<i>Eriophorum vaginatum</i>									+																		02	+
<i>Festuca altaica</i>																												
<i>Festuca</i> sp.																												
<i>Hierochloa alpina</i>				+						+		05								01	20	05		++	01			
<i>Juncus biglumis</i>		+																										
<i>Kobresia myosuroides</i>																												
<i>Luzula arctica</i>						+		+			+															02		
<i>Luzula confusa</i>																						+						
<i>Luzula wahlenbergii</i>																												
<i>Poa arctica</i>		+							+					+	+								+	+				
<i>Poa glauca</i>																												
<i>Poa lanata</i>																												
<i>Poa pauspicula</i>																												
<i>Poa</i> sp.																												+
<i>Trisetum spicatum spicatum</i>																												
Unknown graminoid													+															
Forbs, Horsetails, Ferns, Clubmosses, Spikemosses																												
<i>Acomastylis rossii</i>																												
<i>Aconitum delphinifolium delphinifolium</i>																												
<i>Anemone drummondii</i>																												
<i>Anemone parviflora</i>			+																									
<i>Anemone</i> sp.																												
<i>Antennari alpina</i> var. <i>media</i>												01												+				
<i>Arnica frigida</i>		+	+							+		+											+					

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<i>Cirriphyllum cirrosum</i>									+																				
<i>Cynodontium</i> sp.																													
<i>Dicranella</i> sp.																													
<i>Dicranella varia</i>										+	+																		
<i>Dicranum acutifolium</i>		+							+	10	+	+								+	+	35	05			01			
<i>Dicranum angustum</i>		+							+				+	05	+													10	02
<i>Dicranum elongatum</i>		+		05					+										10	10	10	+	01	01				15	
<i>Dicranum groenlandicum</i>		+			+					25	+														10	02			
<i>Dicranum muhlenbeckii</i>			20		30		05																						
<i>Dicranum scoparium</i>																													
<i>Dicranum</i> sp.		15	05				20	01	40			01		+	+	02	+				+							05	
<i>Drepanocladus badius</i>	+		+																									+	
<i>Drepanocladus revolvens</i>	+																												
<i>Drepanocladus</i> sp.																													
<i>Drepanocladus uncinatus</i>													15	05	10	+	10											+	+
<i>Encalypta brevicolla</i>												+																	
<i>Encalypta raptocarpa</i>																													
<i>Hylocomium splendens obtusifolium</i>		02	35		10		05		20	01	+		+	10	+	15	+					25			02		20	50	
<i>Hypnum bambergi</i>		+	01						+					+															
<i>Hypnum</i> sp.																													
<i>Meesia</i> sp.																													
<i>Meesia uliginosa</i>																													
<i>Mnium</i> sp.																													
<i>Paludella squarrosa</i>														+		+	+												
<i>Plagiomnium medium</i>																+	+												
<i>Pleurozium schreberi</i>																													
<i>Pogonatum urnigerum</i>												+																	
<i>Pohlia andrewsii</i>													+																
<i>Pohlia crudoides</i>													+																
<i>Pohlia elongata</i>													+																
<i>Pohlia nutans</i>			+						+					+	+	+	+			+								+	
<i>Pohlia</i> sp.																													
<i>Politrichastrum alpinum</i>																												02	
<i>Polytrichaceae</i> family																													
<i>Polytrichum commune</i>																										05	+		
<i>Polytrichum hyperboreum</i>												+								05	+			02	+				

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<i>Polytrichum longisetum</i>													03																
<i>Polytrichum piliferum</i>				02							+	01							+		+	+	+						
<i>Polytrichum sexangulare</i>																													
<i>Polytrichum sp.</i>					05	+	05	01												10									
<i>Polytrichum strictum</i>		01	02	+					02	02	+	01		05	+	+	+			+	05			05	10	02	+	01	
<i>Polytrichum swartzii</i>																													
<i>Pseudobryum cinclidioides</i>																													
<i>Prilium cristum-castrensis</i>																													
<i>Racomitrium lanuginosum</i>		+		01			+	01		05	+	01								+	01				10	05			
<i>Rhizomnium andrewsianum</i>																													
<i>Rhytidium rugosum</i>												+																	
<i>Sphagnum angustifolium</i>									05					20	10	10	05												
<i>Sphagnum aongstroemii</i>																													
<i>Sphagnum balticum</i>																												01	
<i>Sphagnum compactum</i>																													
<i>Sphagnum fimbriatum</i>	+																												
<i>Sphagnum girgensohnii</i>			+										15																
<i>Sphagnum imbricatum</i>	05																												
<i>Sphagnum lenense</i>									05																				
<i>Sphagnum lindbergii</i>	20																				05								
<i>Sphagnum magellanicum</i>																													
<i>Sphagnum nemoreum</i>																													
<i>Sphagnum obtusum</i>																													
<i>Sphagnum orientale</i>																													
<i>Sphagnum rubellum</i>	+		01						05				02	10	35	10	05											10	20
<i>Sphagnum sp.</i>									05												05								
<i>Sphagnum squarrosum</i>																													
<i>Sphagnum subsecundum</i>																													
<i>Sphagnum teres</i>																												10	
<i>Sphagnum warnstorffii</i>																										+			
<i>Sphachnaceae</i>																													
<i>Splachnum sphaericum</i>	+																												
<i>Tetraplodon pallidus</i>																				-									
<i>Thuidium abietinum</i>		+																					02						
<i>Tomenthypnum nitens</i>		+	+									+	+		+								01				+	+	
<i>Tortula ruralis</i>		20																		01									
Unknown moss																				03		+						+	

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<i>Cornicularia divergens</i>				10								10							05	02			15	07	+			
<i>Dactylina arctica</i>		+	+		01		01	+	+	+	+	+							+	+			+	+	+	+	+	
<i>Dactylina beringica</i>																					++	-		+				
<i>Dactylina ramulosa</i>		+	+						+																			
<i>Lobaria linita</i>																							+					
<i>Pseudephebe pubescens</i>				15																								
<i>Sphaerophorus fragilis</i>				05																								
<i>Sphaerophorus globosus</i>		01			+		+	+		+		03							07	05			01	10	10	+		
<i>Stereocaulon paschale</i>							+																					
<i>Stereocaulon tomentosum</i>		+			+		+			+	+	+							+	+	01	01	01	01				
<i>Thamnomia spp.</i>		+	+	+	+	+	+	+		+	+	+							+	+	+	+	+	01	+	+	+	
Foliose																												
<i>Asahinea chrysantha</i>				+	+	+	+	+				01							+	+			02	+	+	+		
<i>Asahinea scholanderi</i>				+																								
<i>Hypogymnia subobscura</i>				05								+											01					
<i>Nephroma arcticum</i>					+		+	+	+												01							
<i>Nephroma expallidum</i>																							+					
<i>Ochrolechia upsaliensis</i>																												
<i>Parmelia omphalodes</i>				+															+									
<i>Parmelia septentrionalis</i>																												
<i>Parmelia stygia</i>																												
<i>Parmelia sulcata</i>																												
<i>Peltigera aphthosa</i>		+			+		+		+	+		+		+									+		+	+	+	
<i>Peltigera canina</i>																												
<i>Peltigera horizontalis</i>																												+
<i>Peltigera leucophlebia</i>																							-					
<i>Peltigera malacea</i>																												
<i>Peltigera polydactyla</i>																												
<i>Peltigera scabrosa</i>			+				+	+	+					+														
<i>Peltigera sp.</i>					+		+			+									+	+	+		+	+				
<i>Solorina bispora</i>																												
<i>Solorina crocea</i>					+																							
<i>Solorina saccata</i>																												
<i>Solorina sp.</i>				+								-																
<i>Umbilicaria caroliniana</i>																												
<i>Umbilicaria hyperborea</i>																			+		+							

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<i>Umbilicaria proboscidea</i>				+																								
<i>Umbilicaria</i> sp.												+																
Crustose																												
<i>Caloplaca jungermanniae</i>																												
<i>Caloplaca</i> sp.																												
<i>Candelariella</i> sp.																												
<i>Dermatocarpon lachneum</i>																												
<i>Haematomma lapponicum</i>																												
<i>Lecanora epibryon</i>																												
<i>Lecanora</i> sp.																												
<i>Lecidea demissa</i>																								+				
<i>Lecidea flavocaerulescens</i>												+										+						
<i>Lecidea</i> sp.																						+						
<i>Mycoblastis sanguinarius</i>																							+					
<i>Ochrolechia frigida</i>																												
<i>Ochrolechia</i> sp.																												
<i>Pertusaria bryontha</i>												+																
<i>Pertusaria dactylina</i>		+					+	+	+	+	+	+																
<i>Pertusaria panygra</i>				+						+	+																	
<i>Pertusaria</i> sp.																												
<i>Polyblastia gelatinosa</i>																												
<i>Psoroma hypnorum</i>												+											+	+				
<i>Rhizocarpon geographicum</i>				01								+																
<i>Rinodina turfacea</i>																												
Unknown crustose lichen												+												+	05			
<i>Xanthoria centrifuga</i>																												
<i>Xanthoria separata</i>				+								+												01				

