

Table 9.2. Species numbers in floristic provinces and subzones. Islands indicated by •.

1 Subzone constitutes < 20% of floristic province, 2 20-50% and 3 > 50%.

Floristic province	Mean number of vascular plant species	Total number of vascular plant species	Percentage of number of species/total species number (2,218)	Number of Arctic endemic species	Percentage of Arctic endemics in flora of floristic province/subzone	In total Arctic endemic species (106)	Number of Arctic species confined to one floristic province/subzone	Subzone									
								A	B	C	D	E					
European Russian-W Siberian																	
Kanin-Pechora		642	28.9	7	1.1	6.6	0					2	3				
Polar Ural-Novaya Zemlya	593	625	28.2	16	2.6	15.1	2	1	2	2	2	2	2	2	2	2	2
Yamal-Gydan		513	23.1	7	1.4	6.6	0		2	2	2	2	2	2	2	2	2
E Siberian																	
Taimyr-Severnaya Zemlya		645	29.1	16	2.5	15.1	4	2	2	2	2	2	2	2	2	2	2
Anabar-Olenyok	516	429	19.3	9	2.1	8.5	0				2	3	2	2	3	2	2
Kharaulakh		558	25.2	14	2.5	13.2	2					1	3	1	3	1	3
Yana-Kolyma		432	19.5	11	2.5	10.4	0		2	2	2	2	2	2	2	2	1
Beringian																	
W Chukotka		636	28.7	22	3.5	20.8	5					2	3	2	2	3	2
• Wrangel Island		315	14.2	35	11.1	33	10					3	1				
S Chukotka	621	549	24.8	4	0.7	3.8	0							2	3	2	3
E Chukotka		668	30.1	24	3.6	22.6	6							3	3	3	3
W Alaska		825	37.2	13	1.6	12.3	4							2	3	2	3
N Alaska-Yukon Territory		732	33	26	3.6	24.5	3					1	2	3	1	2	3
Canadian																	
Central Canada	536	640	28.9	34	5.3	32.1	2	1	2	2	2	2	2	2	2	2	2
Hudson Bay-Labrador		769	34.7	20	2.6	18.9	0					1	2	3	1	2	3
• Ellesmere Land-N Greenland		199	9	28	14.1	26.4	2	2	2	2	2	2	2	2	2	2	2
N Atlantic																	
• W Greenland		554	25	29	5.2	27.4	3					2	2	2	2	2	2
• E Greenland	449	391	17.6	28	7.2	26.4	1					2	2	2	2	2	2
• N Iceland-Jan Mayen		436	19.7	1	0.2	0.9	0							1	3	1	3
N Fennoscandia		649	29.3	1	0.2	0.9	0										
• Svalbard-Franz Joseph Land		215	9.7	22	10.2	20.8	3	2	2	2	2	2	2	2	2	2	2
Subzone																	
Arctic herb subzone		102	4.6	24	23.5	22.6	0										
N Arctic dwarf shrub subzone		220	9.9	34	15.5	32.1	0										
Middle Arctic dwarf shrub subzone		507	22.9	66	13	62.3	1										
S Arctic dwarf shrub subzone		980	44.2	76	7.8	71.7	4										
Arctic shrub subzone		2,180	98.3	71	3.3	67	24										
Non-Arctic - Boreal or Boreal-alpine		2,097															

at least three of the six provinces) and restricted to the Beringian region (i.e. the six Arctic Beringian floristic provinces plus adjacent Beringian areas to the south). These data clearly demonstrate the prominent position of Beringia in the Arctic flora when species richness is considered. However, in terms of species composition, this region also stands out with a much higher number of

species either confined to the Beringian floristic provinces or with their main distribution in the Beringian flora provinces, such as *Selaginella sibirica* (Siberian spike-moss), *Carex podocarpa* (graceful mountain sedge), *Ranunculus grayi*, *Salix phlebophylla* (skeleton-leaved willow), *Oxytropis czukotica*, *Potentilla elegans* (elegant cinquefoil), *Phlox pumila*, *Douglasia ochotensis* (Arctic montane dwarf