

Species present in at least one 1-m²-quadrat of 10 quadrats (in two communities) on Katahdin. Quadrats 1–5 are from the *Diapensia* heath community; 6–10 from snow bed community. Cover classes defined in Table 1. Averages for taxa by community are presented only in this table and were not used in analyses.

Cover recorded using the DOMIN Scale: 0.1 = trace, 1 = few, 2 = several, 3 = many but < 4%, 4 = 4-10%, 5 = 11-25%, 6 = 26-33%, 7 = 34-50%, 8 = 51-75%, 9 = 76-90%, 10 = 91-100%.

Taxon	Abbreviation in Fig. 6	<i>Diapensia</i> -heath					Snowbed					6-10 Ave.	
		1	2	3	4	5	1-5 Ave.	6	7	8	9		10
Crustose Lichens													
<i>Aspicilia</i> sp.	—	.	.	.	0.1	.	0.02	.	.	.	.	.	.
<i>Fuscidea lowensis</i>	Fus low	.	.	.	0.1	.	0.02	.	.	.	.	.	.
<i>Lecanora</i> sp.	Lec sp.	.	.	.	1	.	0.2	.	.	.	.	.	.
<i>Lecidea hypnorum</i>	Lec hyp.	.	1	.	.	.	0.2	.	.	.	.	.	.
<i>Micarea peliocarpa</i>	Mic pel	1	.	.	.	.	0.2	.	.	.	.	.	.
<i>Micarea</i> sp.	Mic sp	1	.	.	.	.	0.2	.	.	.	.	.	.
<i>Mycoblastus sanguinarius</i>	Myc san	.	.	.	1	.	0.2	.	.	.	.	.	.
<i>Ochrolechia frigida</i>	Och fri	.	1	1	1	1	0.8	.	.	.	.	.	.
<i>Ophioparma ventosa</i>	Oph ven	.	.	.	0.1	.	0.02	.	.	.	.	.	.
<i>Rhizocarpon geographicum</i>	Rhi geo	.	.	.	0.1	.	0.02	.	.	.	.	.	.
<i>Rhizocarpon</i> sp.	Rhi sp.	.	.	.	0.1	.	0.02	.	.	.	.	.	.
<i>Trapeliopsis granulosa</i>	Tra gra	.	.	1	.	.	0.2	.	.	.	.	.	.
Macrolichens													
<i>Arctoparmelia centrifuga</i>	Arc cen	1	.	.	.	.	0.2	.	.	.	.	.	.
<i>Cetraria laevigata</i>	Cet lae	4	4	4	3	3	3.6	4	1	.	3	1	1.8
<i>Cetrariella delisei</i>	Cet del	2	2	3	1	2	2	.	.	.	.	.	.
<i>Cladonia amaurocraea</i>	Cla ama	1	2	2	.	1	1.2	.	.	.	.	.	.
<i>Cladonia arbuscula</i>	Cla arb	1	1	1	2	3	1.6	.	1	.	.	1	0.4
<i>Cladonia boryi</i>	Cla bor	1	3	.	1	2	1.4	.	.	.	.	.	.
<i>Cladonia gracilis</i>	Cla gra	.	.	.	1	.	0.2	1	2	.	.	3	1.2

<i>Cladonia macilenta</i>	Cla mac	.	.	.	2	.	0.4	.	.	.	.	.	.
<i>Cladonia pleurota</i>	Cla ple	.	.	1	.	1	0.4	.	.	.	.	.	.
<i>Cladonia rangiferina</i>	Cla ran	4	2	.	1	1	1.6	1	2	.	.	2	1
<i>Cladonia (squamules)</i>	Cla squ	.	.	1	.	.	0.2	.	.	.	.	.	.
<i>Cladonia stellaris</i>	Cla ste	.	.	1	1	2	0.8	.	.	.	.	.	.
<i>Cladonia stygia</i>	Cla sty	1	1	4	4	4	2.8	5	.	.	.	.	1
<i>Cladonia uncialis</i>	Cla unc	2	3	2	4	2	2.6	.	1	.	.	.	0.2
<i>Flavocetraria cucullata</i>	Fla cuc	1	1	2	1	1	1.2	.	.	.	.	.	.
<i>Flavocetraria nivalis</i>	Fla niv	1	.	1	1	2	1	.	.	.	.	.	.
<i>Melanelia stygia</i>	Mel sty	.	.	.	1	.	0.2	.	.	.	.	.	.
<i>Stereocaulon alpinum</i>	Ste alp	.	1	1	1	.	0.6	.	.	.	.	.	.
<i>Thamnomia subuliformis</i>	Tha sub	3	3	3	3	3	3	.	.	.	.	.	.
<i>Umbilicaria hyperborea</i>	Umb hyp	.	.	.	1	.	0.2	.	.	.	.	.	.

Hepatics

<i>Barbilophozia kunzeana</i>	Bar kun	.	.	.	.	.	.	.	.	1	3	.	0.8
<i>Cephaloziella</i> sp.	Cep sp1	.	.	.	.	1	0.2	.	.	.	.	.	.
<i>Lophozia ventricosa</i>	Lop ven	.	.	.	.	.	.	.	.	.	2	.	0.4
<i>Ptilidium ciliare</i>	Pti cil	1	.	.	.	.	0.2	7	2	4	6	4	4.6

Mosses

<i>Aulacomnium palustre</i>	Aul pal	.	.	.	.	.	.	.	.	.	.	4	0.8
<i>Dicranum fuscescens</i>	Dic fus	.	.	.	.	.	.	.	3	4	8	10	5
<i>Dicranum polysetum</i>	Dic pol	.	.	.	.	.	.	4	2	.	.	1	1.4
<i>Dicranum scoparium</i>	Dic sco	.	.	.	.	.	.	.	2	.	.	.	0.4
<i>Dicranum</i> sp.	Dic sp	1	.	.	.	.	0.2	.	.	.	.	.	-
<i>Hylocomiastrum umbratum</i>	Hyl umb	.	.	.	.	.	.	.	.	3	.	.	0.6
<i>Hylocomium splendens</i>	Hyl spl	.	.	.	.	.	.	2	.	5	.	.	1.4
<i>Pleurozium schreberi</i>	Ple sch	.	.	.	.	.	.	3	6	4	.	3	3.2

<i>Pohlia nutans</i>	Poh nut	.	.	.	.	.	1	.	.	.	.	0.2	
<i>Polytrichum juniperinum</i>	Pol jun	1	.	1	1	.	0.6	.	.	8	4	4	3.2
<i>Ptilium crista-castrensis</i>	Pti-cr-ca	.	.	.	.	.	.	.	.	3	.	5	1.6
<i>Racomitrium lanuginosum</i>	Rac lan	1	.	.	.	.	0.2	.	.	.	.	.	.
<i>Racomitrium microcarpon</i>	Rac mic	.	.	.	.	1	0.2	.	2	.	3	.	1
<i>Sanionia uncinata</i>	San unc	.	.	.	.	.	.	.	.	.	3	.	0.6
<i>Sphagnum capillifolium</i>	Sph cap	.	.	.	.	.	.	.	.	.	.	7	1.4
<i>Straminergon stramineum</i>	Str str	.	.	.	.	.	.	.	.	.	3	.	0.6

Vascular Plants

<i>Agrostis mertensii</i>	Agr mer	.	.	.	.	1	0.2	.	.	.	.	.	.
<i>Arctostaphylos alpina</i>	Arc alp	7	.	5	5	6	4.6	.	.	.	.	.	.
<i>Aster macrophyllus</i>	Ast mac	.	.	.	.	.	.	.	3	.	.	.	0.6
<i>Carex bigelowii</i>	Car big	.	3	1	2	4	2	2	3	.	2	3	2
<i>Coptis trifolia</i> subsp. <i>groenlandicum</i>	Cop tri	.	.	.	.	.	.	3	.	3	.	4	2
<i>Cornus canadensis</i>	Cor can	.	.	.	.	.	.	2	.	3	.	3	1.6
<i>Deschampsia flexuosa</i>	Des flex	.	.	.	.	.	.	.	3	5	1	3	2.4
<i>Diapensia lapponica</i>	Dia lap	8	8	5	5	5	6.2	.	.	.	.	.	.
<i>Diphasiastrum sitchense</i>	Dip sit	.	.	.	.	.	.	1	.	3	.	1	1
<i>Empetrum nigrum</i>	Emp nig	.	.	5	3	.	1.6	8	5	6	4	7	6
<i>Harrimanella hypnoides</i>	Har hyp	.	.	.	.	.	.	.	2	.	3	.	1
<i>Juncus trifidus</i>	Jun tri	2	2	.	3	3	2	.	1	.	3	.	0.8
<i>Kalmia polifolia</i>	Kal pol	.	.	.	.	.	.	.	4	2	3	4	2.6
<i>Loiseleuria procumbens</i>	Loi pro	.	.	.	.	5	1.0.	.	.	.	.	.	-
<i>Maianthemum canadensis</i>	Mai can	.	.	.	.	.	.	2	.	1	1	4	1.6
<i>Phyllodoce caerulea</i>	Phy cae	.	.	.	.	.	.	.	5	2	.	3	2
<i>Rhododendron groenlandicum</i>	Rho gro	.	.	.	.	.	.	6	3	4	3	5	4.2
<i>Sibbaldiopsis tridentata</i>	Sib tri	.	.	.	.	.	.	.	3	.	.	1	0.8

<i>Vaccinium angustifolium</i>	Vac ang	.	.	.	.	.	.	6	5	4	.	4	3.8
<i>Vaccinium uliginosum</i>	Vac uli	7	7	7	7	6	6.8	6	7	6	9	7	7
<i>Vaccinium vitis-idaea</i> var. <i>minus</i>	Vac vit	.	.	.	1	3	0.8	4	1	.	.	.	1
