

Table S4. The mean coverage of plant species (SE) in the control and warmed plots in the light/dark experiment (n=4) on the low arctic Disko Island, mid-July 2013. Vegetation coverage was analyzed using the point-intercept method.

Vegetation type	Plant species	Percentage cover	
		Control	Warming
Deciduous shrubs			
	<i>Betula nana</i>	0	8.2 (-) ^a
	<i>Vaccinium uliginosum</i>	12.2 (4.2)	8.2 (3.1)
Evergreen shrubs			
	<i>Empetrum nigrum</i>	23.8 (5.5)	8.2 (-) ^a
	<i>Rhododendron tomentosum</i>	2.0 (-) ^a	6.1 (-) ^a
	<i>Cassiope tetragona, green</i>	12.2 (-) ^a	15.3 (6.6)
	<i>Cassiope tetragona, brown</i>	8.2 (-) ^a	7.7 (2.3)
	<i>Cassiope tetragona, grey</i>	16.3 (6.1)	32.7 (6.3)
	<i>Pyrola grandiflora</i>	6.1 (1.2)	5.1 (3.1)
Forbs			
	<i>Bistorta vivipara</i>	2.0 (0.0)	0
	<i>Tofieldia pusilla</i>	2.0 (-) ^a	0
Mosses			
	Mosses	4.1 (2.0)	17.9 (3.4)
Lichens			
	<i>Cetraria islandica</i>	16.3 (8.3)	8.2 (0.0)
	<i>Cetraria nivalis</i>	6.1 (-) ^a	18.4 (2.0)
	<i>Cladonia rangiferina</i>	2.0 (-) ^a	0
	<i>Stereocaulon paschale</i>	4.1 (0.0)	2.0 (-) ^a
	<i>Cetrariella delisei</i>	0	4.1 (-) ^a
Litter			
	Litter	18.4 (6.1)	19.9 (7)
	Standing litter	24.5 (9.0)	10.9 (4.8)
Cryptogamic crust			
	Cryptogamic crust	5.1 (1.0)	5.4 (1.8)

^a(-) the species was found in only one plot.