

Table S4. An overview of potentially pathogenic fungi found in the nine habitats from the Ny-Ålesund Region.

Fungal species	Soil	Seawater	Freshwater	Marine alga	Sediment	Vascular plant	Lichen	Moss	Dung	Total
<i>Alternaria tenuissima</i>	3	20	7	2	3	-	3	3	-	41
<i>Aspergillus caesiellus</i>	-	-	2	-	1	-	-	-	-	3
<i>Aspergillus fumigatus</i>	-	-	1	-	-	-	-	-	-	1
<i>Aspergillus penicillioides</i>	1	2	1	1	-	-	1	1	-	7
<i>Aspergillus restrictus</i>	-	-	-	1	-	-	-	-	-	1
<i>Aspergillus sydowii</i>	1	3	4	1	2	1	1	4	-	17
<i>Candida parapsilosis</i>	-	-	1	1	-	-	-	-	-	2
<i>Ceriporia lacerata</i>	-	1	-	-	-	-	-	-	-	1
<i>Cladosporium cladosporioides</i>	1	6	1	1	-	-	1	1	-	11
<i>Cladosporium sphaerospermum</i>	-	1	-	-	-	-	-	-	-	1
<i>Coprinellus radians</i>	-	1	-	-	-	-	-	-	-	1
<i>Curvularia lunata</i>	-	-	1	1	-	-	-	-	-	2
<i>Cystofilobasidium macerans</i>	-	-	-	-	-	-	1	-	-	1
<i>Didymella glomerata</i>	1	-	4	1	-	1	-	5	-	12
<i>Filobasidium magnum</i>	-	-	1	-	1	-	1	9	-	12
<i>Fusarium solani</i>	1	-	1	1	-	1	1	-	-	5
<i>Malassezia globosa</i>	-	2	1	-	-	-	-	-	-	3
<i>Malassezia restricta</i>	1	24	6	2	3	-	1	4	-	41
<i>Meyerozyma guilliermondii</i>	-	1	-	-	-	-	-	-	-	1
<i>Naganishia albida</i>	-	-	-	1	-	-	-	7	2	10
<i>Papiliotrema flavescens</i>	1	-	-	-	-	-	-	-	-	1
<i>Parengyodontium album</i>	-	-	1	-	-	-	-	-	-	1
<i>Penicillium aurantiogriseum</i>	1	-	-	-	-	-	-	-	-	1
<i>Penicillium citrinum</i>	-	-	-	-	-	-	-	1	-	1
<i>Penicillium oxalicum</i>	-	-	3	-	-	-	-	-	-	3
<i>Pseudogymnoascus destructans</i>	4	-	4	-	-	-	-	-	-	8
<i>Rhizopus arrhizus</i>	-	-	1	-	-	-	-	-	-	1
<i>Rhodotorula mucilaginosa</i>	-	1	1	-	1	-	-	-	-	3
<i>Sarocladium kiliense</i>	-	-	2	2	1	-	-	-	-	5
<i>Trichosporon asahii</i>	-	-	-	-	1	-	-	-	-	1
<i>Wickerhamomyces anomalus</i>	-	1	-	-	-	-	-	-	-	1

The number in columns indicate the number of samples in which fungal species was detected.