

The Lichens of the Faroes

Vagn Alstrup, Steen N. Christensen, Eric Steen Hansen & Svanhildur Svane

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Abstract.

The collections of lichens from the Faroes in the Danish herbaria have been revised together with new collections. 471 species, subspecies and varieties of lichens and 50 species of lichenicolous fungi were found. Notes are given about the frequency, habitats and distribution of the species, and new collections are cited for the rarer species. References are made to the literature of the subject and the synonyms used in that literature are listed. New species and new com-

binations are: *Carbonea degelii* Alstrup sp. nov., *Cercidospora arthroraphidicola* Alstrup sp. nov., *Dactylospora rostrupii* Alstrup sp. nov., *Endococcus verrucosporus* Alstrup sp. nov., *Lasiosphaeriopsis cephalodiorum* (Rostrup) Alstrup comb. nov., *Micarea paratropa* (Nyl.) Alstrup comb. nov., *Micarea subconfusa* (Nyl.) Alstrup comb. nov. and *Roselliniopsis ventosa* (Rostrup) Alstrup comb. nov. Another 223 species are new to the area.

Dedication

This work is dedicated to Prof. emer. Gunnar Degelius, Göteborg, at the occasion of his 90 years in January 1993, and in recognition of his valuable contributions to the knowledge of the lichens of the Faroese.

Introduction

The Faroes (Føroyar) are a small group of islands situated in the North Atlantic Ocean around 62°N latitude and 7°W longitude. They consist of 18 inhabited islands and a great number of skerries. The total land

area is 1399 km². The islands are formed of lavas about 50-60 mill. years old. The relief is steep, the highest peaks reaching about 800 m a.s.l.

The climate is cold oceanic with monthly mean temperatures of 11°C in August and 4°C in February, and with a record maximum of almost 25°C. The precipitation amounts to 1200-2700 mm annually, or even more in the mountains, mostly as rain. Snow storms occur during winter, but a snow cover of a longer duration is found only in the mountains. Fog is very common, especially in summer.

The islands were perhaps totally covered by ice during the last glaciation. Nunataks may have been present on the highest parts of the northern islands, but this has not been proved. All life forms, or at least the majority of species, must therefore have invaded the area in postglacial time. The recent introduction of some epiphytic lichens and of *Xanthoria elegans* to the islands was discussed by Alstrup & Alstrup (10). Some genera are well represented and therefore supposed to spread easily. In contrast *Acarospora*, *Umbilicaria* and *Cetraria* e. g. are represented by only four, two and one species respectively. Common and widely distributed northern species as *Brodoa intestiniformis*, *Lecidoma demissum*, *Orphniospora moriopsis*, *Diploschistes scruposus* and *Icmadophila ericetorum* have not been found in the area.

The vegetation is superficially tundra-like, but according to Tuhkanen (57) it is a highly oceanic sector of the hemiboreal subzone with the alpine areas above 150 m belonging to the orohemiarctic zone.

The Faroes have been inhabited for almost 1.500 years, the present population amounts to c. 50.000 inhabitants. The economy is almost totally dependant on fishery and whaling; sheep-breeding is also important. (The indigenous name of the country "Føroyar" means Sheep Islands). In prehistoric time the islands probably had a low forest or scrub of birch and willow, with juniper in some places. Due to the sheep-breeding the scrub vegetation has almost disappeared, and the present vegetation is dominated by grasses and herbs, except for a few plantations of recent age. Rocks are totally covered in lichens and mosses. Lichens are also found on soil, moss, turf, building materials, bones etc.

The macrolichens of the Faroes are presently not well-developed in most places due to sheep-browsing. Sheep eat lichens rather indiscriminately, and they are good climbers. Good stands of macrolichens are therefore found only on steep cliffs and huge blocks where sheep cannot go. These places are also rather inaccessible to lichenologists. Collections of some species of *Lobaria*, *Sticta*, *Bryoria*, *Parmelia* s.l. and *Platismatia* are therefore rare in the herbaria, but the species probably still exist in such protected places. Soil-inhabiting lichens also suffer from trampling of the sheep (with the exception of *Gyalecta foveolaris*) and from a dense grasscover, but the epilithic microlichens are well-developed. During the last century small plantations have been established in many places. The plantations are fenced to keep the animals out, and macrolichens thrive well (10).

The lichen flora of the Faroes has been studied at several occasions. Rostrup 1870 (1) and Branth 1901 (2) gave the first overviews. Mayor works on the macrolichens are Degelius 1966 (5) and K. Hansen 1968 (6). The epiphytic lichens were treated by Alstrup & Alstrup 1989 (10). Other contributions are found in the list of literature. The reports of Ostenfeld 1901 (31) and Hansen 1967 (50) were repeated in Branth (2) and Hansen (6).

Materials

The present work includes all previous literature reports and new collections made by Alstrup in 1979 and 1985, previously unidentified microlichens collected by Degelius in 1956, collections of Hansen and Fosaa made in 1983 and of Svane in 1985. The collections in the Botanical Museum, Copenhagen (C) have been studied, mostly by Alstrup. This revealed many overlooked species and resulted in many new determinations. Christensen studied the material of Cladonia and Ramalina, Hansen contributed with Caloplaca and the material of Hansen and Fosaa, and Svane with her own collections. The collections of Degelius were studied partly by himself, partly by Hansen and Alstrup. A few collections in the Museum of Natural History, Tórshavn (NSF), among them some of Townrow's (4) collections, were studied by Alstrup.

The collections of Alstrup, Hansen and Fosaa are deposited in C together with the older Danish collections, Svane's material is found in AAU, while Degelius' collec-

tions are kept in his own herbarium. Some old material is probably kept in British museums, and that of Simmons (48) in Sweden, but it has not been studied again.

Geographical and altitudinal distribution of the lichen flora

Most of the lichen species are widespread, often of circumpolar distribution. All Faroese lichens except *Perhapsa subconfusa* are known from Europe, while 77% are known from North America, which has not, however, been so intensely studied as Europe. All the Faroese species known from North America are also known from Europe. The known occurrences of Faroese species in different regions of Europe are shown in Table 2 together with their eventual occurrence in North America. The closest relationship is found to Scandinavia with 96% of all species known from the boreal and alpine regions. The species which are not known from Scandinavia are mostly the newly described ones, and there is no reason to believe, that they will not eventually turn up in other regions. The distribution of some lichenicolous fungi and some rare lichens is also insufficiently known, and the percentages calculated in table 1 will probably become even higher, when more studies have been done in other areas.

The closest affinity is to the boreal zone of North Europe (82%) and the temperate zone (72%). The 73% found in C (Central Europe) includes both the montane and the alpine zone, as it was not possible to separate these reliable from the literature. As

72% is found in the temperate zone and only 66% in the arctic, it was expected that the flora could be characterised as boreal-temperate more than boreal-arctic, but on the contrary, the lastmentioned group amounts to 95%, while the boreal-temperate elements combined reach only 87%. This support Tuhkanen's (57) view that the lowland belongs to the hemiboreal zone and the mountains to the orohemiarctic.

12% of the species show distinct oceanic distribution, 11% is found only along the coasts of northern Europe and the arctic, while 3% are known also from more southern coasts of the Mediterranean or Macaronesian region.

The lowland has been most thoroughly investigated, as many highland areas are difficult to reach. 84% of the species are known from the lowland and only 39% from the highland, but more collecting at higher altitudes may change that somewhat. Apart from the strictly coastal species and a few species of a southern distribution most of the others may eventually also be found at high altitudes. But there seems to be a small group of species restricted to the highland. *Bryoria nitidula*, *B. tenuis*, *Catolechia wahlenbergii*, *Pyrenopsis pulvinata*, *Sagiolechia rhexoblephara*, *Schaereria cinereorufa*, *Solorina bispora* and *Stereocaulon capitellatum* have probably not been overlooked in the lowland.

There is hardly any difference in the lichen flora between the islands as the conditions including climate and substrate are very similar, except that some islands are higher than others.

In table 1 and 2 the following abbreviations are used:

- A: Arctic (Greenland, major parts of Iceland, Svalbard etc.);
- S: Alpine in Scandinavia and/or Scotland;
- C: Alpine/montane in Central Europe;
- B: Boreal (coniferous forest belt);
- T: Temperate (deciduous forest belt);
- M: Mediterranean, subtropical climate;
- NO: North oceanic-maritime (N Europe-Arctic);
- SO: South oceanic-maritime (S Scandinavia-Macaronesia);
- NA: North America (USA and Canada);
- L: Lowland (in the Faroes);
- H: Highland (in the Faroes).

Table 1. Percentage of occurrence of all Faroese species in different climatic zones.

Region	A	S	B	T	C	M	A+S	S+B	B+A	B+T	NO	SO	NO+SO	NA	L	H
Occurr.%	66	70	82	72	73	27	77	96	95	87	11	3	12	77	84	39

Table 2. The occurrences of Faroese lichens in different regions and at different altitudes in the Faroes. For abbreviations, see Table 1.

Species	A	S	C	B	T	M	NO	SO	NA	L	H
<i>Abrothallus parmeliacarum</i>	x	x	x	x	x	x			x	x	
<i>Acarospora cervina</i>		x		x	x	x				x	
<i>fuscata</i>	x	x	x	x	x		x	x			
<i>smaragdula</i>	x	x	x	x	x		x	x	x		
<i>veronensis</i>	x	x	x	x	x		x	x			
<i>Adelolechia pilat</i>		x	x	x	x				x	x	
<i>Alectoria nigricans</i>		x	x	x					x	x	x
<i>Amygdalaria pelobotryon</i>		x	x		x				x	x	x
<i>Anaptychia ciliaris</i> var. <i>melanosticta</i>				(x x)		x			x		
<i>runcinata</i>				(x x)		x			x		
<i>Arthonia fuscopurpurea</i>	x	x		x	x				x		
<i>intexta</i>			x	x	x		x		x	x	
<i>lapidicola</i>	x	x	x	x	x	x			x	x	
<i>phaeobaea</i>	(x x)		x		x	x	x				
<i>radiata</i>			x	x	x	x			x	x	
<i>Arthopyrenia bryospila</i>		x		x							x
<i>punctiformis</i>	x		x	x	x					x	
<i>sublitoralis</i>				(x x)			x	x	x		
<i>Arthothelium ruanum</i>			x	x		x	x		x	x	
<i>Arthroraphis alpina</i>	x	x	x						x	x	x
<i>citrinella</i>	x	x	x	x	x				x	x	x
<i>grisea</i>		x	x							x	
<i>Aspicilia alphoplaca</i>	x	x	x	x					x	x	
<i>caesiocinerea</i>			x	x	x	x	x		x	x	x
<i>calcarea</i>	x		x	x	x	x	x		x	x	
<i>ceracea</i>			x	x							x
<i>cinerea</i>	x	x	x	x	x	x	x		x	x	x
<i>elevata</i>	x	x							x	x	
<i>epiglypta</i>		x	x	x	x					x	

Species	A	S	C	B	T	M	N	O	S	N	A	L	H
<i>Aspicilia lacustris</i>	x	x	x	x	x						x	x	x
<i>leproscescens</i>					(x)	(x)	x		x	x	x	x	x
<i>morioides</i>			x	x	x	x							x
<i>Bacidia arceutina</i>				x	x	x					x	x	
<i>cuprea</i>				x	x	x						x	
<i>igniarii</i>				x	x	x	x			x	x		
<i>inundata</i>			x	x	x	x				x	x		
<i>phacodes</i>	x	x	x			x	x						
<i>scopulicola</i>	(x)	x		x		x	x	x					
<i>subfuscula</i>	x	x								x	x		
<i>trachona</i>	(x)			x	x	x	x	x		x	x	x	x
<i>Baeomyces placophyllus</i>	x	x	x	x	x	x	x	x	x	x	x	x	x
<i>roseus</i>	x	x	x	x	x		x	x	x				
<i>rufus</i>				x	x	x	x	x	x	x	x	x	x
<i>Bellemerea alpina</i>	x	x	x	x	x					x	x		
<i>Belonia incarnata</i>	x	x	x	x	x					x	x		
<i>Biatora sphaeroides</i>	x	x	x	x	x	x				x	x	x	
<i>vernalis</i>	x	x	x	x	x		x	x	x				
<i>Brigantiae fuscolutea</i>				x	x					x	x		
<i>Bryoria bicolor</i>	x	x	x	x	x	x	x	(x)		x	x	x	
<i>capillaris</i>					x	x	x			x	x		
<i>chalybeiformis</i>	x	x	x	x	x				x	x	x		
<i>fuscescens</i>	x	x	x	x	x			x	x				
<i>nitidula</i>				x	x					x		x	
<i>tenuis</i>	x	x	x	x					x				
<i>Buellia adjuncta</i>				(x)		(x)		x			x		
<i>aethalea</i>	x	x	x	x	x	x	x			x	x		
<i>ambigua</i>					x	x	x		(x)	x	x		
<i>coniops</i>	(x)						x		x	x	x		
<i>disciformis</i>	x	x	x	x	x	x	x	x		x	x		
<i>hypopodiooides</i>				x	x						x		
<i>nivalis</i>	x	x	x	x	x	x	x	x		x	x		
<i>ocellata</i>						x	x	x		x	x		
<i>punctata</i>	x	x	x	x	x	x	x	x		x	x		
<i>sororia</i>				x	x	x	x				x		
<i>spuria</i>	x	x		x	x	x				x	x		
<i>Caloplaca castellana</i>	x	x	x	x	x					x	x		
<i>citrina</i>	x	x	x	x	x	x		x	x	x			

Species	A	S	C	B	T	M	N	O	S	NO	S	ON	A	L	H
<i>Caloplaca crenularia</i>	x	x	x	x	x	x				x	x	x			
<i>exsecuta</i>	x	x	x							x	x				
<i>ferruginea</i>				x	x	x	x			x	x				
<i>flavorubescens</i>				x	x	x				x	x				
<i>flavovirescens</i>	x	x	x	x	x	x	x			x	x	x			
<i>holocarpa</i>	x	x	x	x	x	x	x			x	x	x			
<i>marina</i>	(x)	x		x	x	x									
<i>nivalis</i>	x	x	x				x	x	x						
<i>scopularis</i>				(x)	x	x	x		x	x	x	x			
<i>soropelta</i>				x							x				
<i>thallincola</i>						(x)	x	x	x	x	x	x	x	x	x
<i>verruculifera</i>	(x)	x	x		x	x	x								
<i>Candelariella aurella</i>				x	x	x	x	x	x	x	x	x	x		
<i>coralliza</i>				x	x	x	x	x	x			x			
<i>vitellina</i>				x	x	x	x	x	x			x	x	x	
<i>xanthostigma</i>	x	x	x	x	x		x	x							
<i>Carbonea degelii</i>												x			
<i>vitellinaria</i>				x	x	x	x	x	x			x	x		
<i>Catapyrenium cinereum</i>				x	x	x	x					x	x	x	
<i>daedaleum</i>				x	x	x	x					x	x		
<i>lachneum</i>				x	x	x	x	x	x			x	x	x	
<i>Catillaria chalybeia</i>				x		x	x	x	x			x	x		
<i>contristans</i>	x	x		x						x					
<i>lenticularis</i>					x	x	x	x	x			x	x		
<i>Catolechia wahlenbergii</i>				x	x	x						x		x	
<i>Cercidospora arthroraphidicola</i>				x	x	x	x	x	x					x	
<i>epipolytropa</i>					x							x	x	x	
<i>pluriseptata</i>						x						x			
<i>stereocaulorum</i>				x	x	x						x			
<i>Cetraria islandica</i>				x	x	x	x	x	x			x	x	x	
<i>islandica</i> ssp. <i>crispiformis</i>				x	x	x	x	x	x			x	x	x	
<i>Chromatochlamys larbalestieri</i>							(x)			x		x			
<i>muscorum</i> var. <i>octosporum</i>	x	x		x	x			x	x	x					
<i>Cladonia acuminata</i>				x	x	x						x	x		
<i>arbuscula</i>	x	x	x	x	x			x	x	x					
<i>bellidiflora</i>				x	x	x	x	x	x			x	x	x	
<i>borealis</i>				x	x	x	x	x	x			x	x	x	
<i>carneola</i>				x	x	x	x	x	x			x	x		

Species	A	S	C	B	T	M	N	O	S	N	A	L	H
<i>Cladonia cervicornis</i>	x	x	x	x	x						x	x	x
chlorophaea	x	x	x	x	x						x	x	x
ciliata			x	x	x	x					x	x	
ciliata var. tenuis	x	x	x	x			x	x					
coccifera		x	x	x	x	x					x	x	x
coniocraea	x	x	x				x	x					
cornuta ssp. groenlandica	x			x	x	x					x	x	
crispata	x	x	x	x	x		x	x	x				
cyathomorpha		x	x		x	x					x		
decorticata		x	x	x							x	x	x
diversa					x	x					x	x	
firma			x	x					x				
floerkeana	x	x	x	x	x					x	x	x	
foliacea					x	x	x				x	x	
fragilissima					x			x					x
furcata	x	x	x	x	x	x				x	x	x	
gracilis	x	x	x	x	x				x	x	x		
gracilis ssp. nigripes	x	x					x	x					
luteoalba		x		x	x					x	x		
macilenta				x	x	x				x	x		
macrophyllodes	x	x	x				x	x	x				x
merochlorophaea				x	x	x				x	x	x	
var. novoclorophaea					x	x				x	x	x	
mitis			x	x	x	x	x			x	x	x	
ochrochlora	x		x	x	x		x	x					
pleurota		x		x	x	x	x			x	x	x	
pocillum		x		x	x	x	x			x	x		
portentosa	x	x		x	x		x	x	x				
pyxidata		x		x	x	x	x	x		x	x	x	
ramulosa		x		x	x		x	x					
rangiferina	x	x	x	x	x		x	x	x				
rangiformis					x	x	x	x			x	x	
squamosa		x		x	x	x	x			x	x		
var. subsquamosa			x	x	x	x				x	x		
strepsilis			x	x	x	(x)	x	x	x		x	x	
subcervicornis	x		x		(x)		x	x	x				
subulata		x		x	x	x				x	x		
sympycarpa	x		x	x	x					x	x		

Species	A	S	C	B	T	M	N	O	S	N	A	L	H
<i>Cladonia uncialis</i> ssp. <i>biuncia</i> .	x	x	x	x	x				x	x	x		
<i>Clauzadea monticola</i>	x	x	x	x	x	x			x	x			
<i>Coelocaulon aculeatum</i>	x	x		x	x	x			x	x	x		
<i>muricatum</i>	x	x	x	x	x		x	x	x				
<i>Collema bachmannianum</i>		x	x		x	x			x	x	x		
<i>crispum</i>					x	x	x	x		x	x	x	
<i>flaccidum</i>	x	x	x	x	x	x			x	x	x		
<i>glebulentum</i>	x	x	x	x			x	x	x				
<i>limosum</i>					x		x	x	x		x	x	
<i>tenax</i>		x	x	x	x	x	x	x		x	x		
var. <i>ceranoides</i>						x	x	x		x	x		
var. <i>crustatum</i>						x	x	x		x	x		
<i>undulatum</i> var. <i>granulosum</i>					x	x	x	x		x	x	x	
<i>Cornicularia normoerica</i>					(x	x	x	x	x)	x	x	x	
<i>Cystocoleus ebeneus</i>	x	x		x	x					x	x		
<i>Dactylospora attendenda</i>	x	x								x	x	x	
<i>parellaria</i>						x		x			x		
<i>parasitica</i>						x	x	x	x		x	x	
<i>purpurascens</i>		x	x	x	x					x	x		
<i>rimulicola</i>						x		x			x		
<i>rostrupii</i>											x		
<i>Dermatocarpon intestiniforme</i>		x	x	x	x						x	x	
<i>luridum</i>	x	x	x	x	x		x	x	x				
<i>miniatum</i>		x	x	x	x	x	x	x		x	x	x	
<i>Endococcus propinquus</i>		x	x	x	x	x				x	x	x	
<i>rugulosus</i>	x	x	x			x				x	x		
<i>stigma</i>	x	x	x								x		
<i>verrucosporus</i>											x		
<i>Ephebe hispidula</i>			x	x		x	x				x	x	x
<i>lanata</i>	x	x	x	x	x				x	x	x		
<i>Epilichen scabrosus</i>			x	x	x	x	x	x		x	x	x	
<i>Farnoldia jurana</i>			x	x	x	x	x	x		x	x		
<i>Fuscidea cyathoides</i>			x	x	x	x	x	x		x	x		
<i>gothoburgensis</i>	x	x	x						x				
<i>kochiana</i>						x	x	x	x		x	x	
<i>oculata</i>						x	x	x			x	x	
<i>tenebrica</i>						x	x		(x)		x		
<i>Guignaria psoromoides</i>					x	x					x		

Species	A	S	C	B	T	M	N	O	S	N	A	L	H
Gyalecta foveolaris	x	x	x	x							x	x	
jenensis		x	x	x	x						x	x	
Haematomma ochroleucum v. porphyrium				x	x	x					x	x	
Hypogymnia physodes	x	x	x	x	x	x					x	x	
tubulosa		x	x	x	x	x					x	x	
Ionaspis arctica		x	x								x	x	x
odora	x	x	x	x			x	x					
Koerberiella wimmeriana		x	x	x	x						x	x	
Lasiosphaeriopsis cephalodiorum											x		
salisburyi			x	x	x	x					x		
stereocaulicola	x	x	x								x	x	
Lecania aipospila		(x			x	x)		x				x	
baeomma					(x	x)					x		x
cyrtella				x	x	x					x	x	
erysibe	x	x		x	x						x	x	
rabenhorstii		(x	x	x)		x		x					
suavis		x		x	x						x		
Lecanora achariana					(x	x	x)	x				x	
actophila	(x		x	x)		x		x					
albescens		x	x	x	x	x	x	x			x	x	x
campestris	x	x	x	x			x	x					
carpinea		x	x	x	x		x		x				
cenisia		x	x	x	x	x	x				x	x	
chlarotera		x	x	x	x		x	x					
conizaeoides				x	x	x					x	x	
dispersa		x	x	x	x	x	x	x			x	x	x
epibryon	x	x	x	x			x	x					
frustulosa			x	x	x	x	x	x			x	x	
fuscescens		x	x	x	x						x	x	
hagenii		x	x	x	x	x	x	x			x	x	
helicopis	(x		x	x)		x		x					
intricata		x	x	x	x	x	x	x			x	x	x
intumescens	x	x	x	x			x	x					
jamesii			x			x	x				x		
poliophaea		(x			x	x)		x				x	
polytropa	x	x	x	x	x	x	x				x	x	x
salina		(x	x	x)	x		x	x					
saxorum		(x)		x			x						

Species	A	S	C	B	T	M	N	O	S	ON	A	L	H	
<i>Lecanora straminea</i>	(x)			x			x		x	x				
<i>subcarnea</i>				x	x	x	x	x		x	x	x		
<i>sulphurea</i>				x	x	x				x	x	x		
<i>symmicta</i>	x	x	x	x	x					x	x			
<i>umbrina</i>			x	x	x	x				x	x			
<i>varia</i>	x		x	x	x					x	x			
<i>Lecidea aglaea</i>	x	x	x	x						x	x			
<i>atrobrunnea</i>	x	x	x							x	x			
<i>brachyspora</i>	x	x	x	x	x					x	x			
<i>confluens</i>	x	x	x	x						x	x	x		
<i>hypopta</i>	x	x	x				x	x						
<i>lactea</i>	x	x	x	x	x					x	x	x		
<i>lapicida</i>	x	x	x	x	x					x	x	x		
<i>leucothallina</i>	x	x	x							x	x			
<i>lithophila</i>	x	x	x	x	x					x	x			
<i>lithophiloides</i>		x	x	x						x				
<i>marginata</i>	x	x	x	x						x		x		
<i>paupercula</i>	x	x	x	x						x	x	x		
<i>phaeops</i>		x		x	x					x	x			
<i>sarcogynoides</i>			x		x					x				
<i>Lecidella achristotera</i>			x	x	x	x	x			x				
<i>carpathica</i>	x	x	x	x	x	x	x			x	x	x		
<i>elaeochroma</i>	x	x	x	x	x	x	x			x	x	x		
<i>euphorea</i>	x	x	x	x	x	x	x			x	x			
<i>scabra</i>				x	x	x	x			x	x	x		
<i>stigmataea</i>	x	x	x	x	x	x	x			x	x	x		
<i>subincongrua</i>			x	x	x	x	x			x	x			
<i>Lempholemma myriococcum</i>	x	x	x	x	x	x	x			x	x			
<i>Lepraria incana</i>			x	x	x	x	x			x	x	x		
<i>neglecta</i>	x	x	x	x	x	x	x	x	x	x	x			
<i>Leproloma membranacea</i>			x	x	x	x				x	x			
<i>vouauxii</i>	x	x	x	x	x					x	x			
<i>Leptogium cyanescens</i>			(x	x	x	x)	x	x	x	x	x	x	x	x
<i>gelatinosum</i>	x	x	x	x	x	x	x			x	x			
<i>lichenoides</i>	x	x	x	x	x	x	x			x	x	x		
<i>saturninum</i>	x	x	x	x	x					x	x			
<i>tenuissimum</i>	x	x		x	x	x	x			x	x			
<i>Lichenoconium usneae</i>	x	x		x	x	x	x			x	x			

Species	A	S	C	B	T	M	N	O	S	N	A	L	H
				(x)	x		x		x	x	x		
<i>Lichina confinis</i>													
<i>Lichenodium sirosiphoides</i>	x	x		x	x							x	
<i>Lobaria amplissima</i>				(x)	x	x	x	x		x		x	
<i>pulmonaria</i>				x	x	x	x				x	x	
<i>virens</i>		(x)	x	x	x	x	x			x			
<i>Loxospora elatina</i>					x	x	x	x			x		
<i>Massalongia carnosa</i>	x	x	x	x	x	x				x	x	x	
<i>Melanelia fuliginosa</i>					x	x	x			x	x		
<i>glabratula</i>	x	x	x					x					
<i>subaurifera</i>		x		x	x	x	x			x	x		
<i>Melaspilea subarenacea</i>						x	x				x		
<i>Micarea botryoides</i>						x	x		(x)			x	
<i>incrassata</i>	x	x	x	x								x	
<i>lignaria</i>	x	x	x	x	x	x				x	x	x	
<i>melaena</i>		x	x	x	x					x	x		
<i>nitschkeana</i>		x	x	x	x					x	x		
<i>paratropa</i>					(x)			x			x		
<i>prasina</i>				x	x	x				x	x		
<i>sunconfusa</i>											x		
<i>ternaria</i>		x	x	x						x	x		
<i>viridiatra</i>			x								x		
<i>Moelleropsis nebulosa</i>	x	x	x	x	x	x	x				x		
<i>Muellerella lichenicola</i>	x	x	x	x	x	x				x	x		
<i>pygmaea</i>	x	x	x	x	x	x				x	x	x	
<i>Mycobilimbia berengeriana</i>	x	x	x	x	x	x				x	x	x	
<i>hypnorum</i>	x	x	x	x	x			x	x				
<i>lobulata</i>	x	x	x	x	x			x	x				
<i>sabuletorum</i>		x	x	x	x	x				x	x		
<i>Mycoblastus alpinus</i>	x	x								x	x		
<i>Neofuscelia pulla</i>	x	x	x	x	x	x				x	x		
<i>Nephroma laevigatum</i>	(x)			x	x	x	x	x	x	x	x	x	
<i>resupinatum</i>	x	x	x	x	x	x				x	x		
<i>Ochrolechia androgynae</i>	x	x	x	x	x	x				x	x	x	
<i>arborea</i>					x	x				x	x		
<i>frigida</i>	x	x	x	x	x	x				x	x	x	
<i>pallescens</i>					x	x	x			x	x		
<i>parella</i>	x	x	x	x	x	x	x	x		x	x	x	
<i>tartarea</i>	x	x	x	x	(x)					x	x	x	

Species	A	S	C	B	T	M	N	O	S	NA	L	H
<i>Omphalina alpina</i>	x	x									x	x
<i>hudsoniana</i>	x	x		x	x						x	x
<i>umbellifera</i>	x	x	x	x	x						x	x
<i>Opegrapha abscondita</i>			x	x	x							x
<i>atra</i>				x	x	x	x				x	x
<i>calcarea</i>					x	x	x				x	x
<i>gyrocarpa</i>	x	x	x									x
<i>lithyrga</i>				x	x	x					x	x
<i>multipuncta</i>					(x)			x			x	x
<i>Ophioparma ventosa</i>			x	x	x	(x)					x	x
<i>Pannaria hookeri</i>	x	x	x								x	x
<i>leucophaea</i>	x	x	x	x	x	(x)					x	x
<i>pezizoides</i>	x	x	x	x	x						x	x
<i>Parmelia omphalodes</i>	x	x	x	x	x						x	x
ssp. <i>pinnatifida</i>	x	x				x	x					
<i>saxatilis</i>		x	x	x	x	x	x				x	x
<i>sulcata</i>		x	x	x	x	x	x				x	x
<i>Parmotrema crinitum</i>				(x	x	x)		x	x	x	x	x
<i>Peltigera aphthosa</i>	x	x	x	x	x						x	x
<i>britannica</i>				(x	x)			x			x	x
<i>canina</i>	x	x	x	x	x	x	x			x	x	
<i>elizabethae</i>				x	x						x	x
<i>lactucifolia</i>	x				x	x					x	x
<i>leucophlebia</i>	x	x	x	x	x						x	x
<i>malacea</i>	x	x	x	x	x						x	x
<i>membranacea</i>	x	x	x	x	x						x	x
<i>necker</i>	x	x	x	x	x						x	x
<i>polydactyla</i>	x	x	x	x	x	x					x	x
<i>praetextata</i>				x	x	x	x				x	x
<i>rufescens</i>	x	x	x	x	x	x					x	x
<i>venosa</i>	x	x	x	x		x	x					
<i>Pertusaria chiodectonoides</i>				x	x	x	x				x	x
<i>corallina</i>	x	x	x	x	x						x	x
<i>dactylina</i>	x	x	x	x							x	x
<i>dealbescens</i>					x	x	x				x	
<i>flavicans</i>					x	x	x	x			x	
<i>lactea</i>	x	x	x	x	x	x	x				x	x
<i>leucosora</i>					x		x				x	x

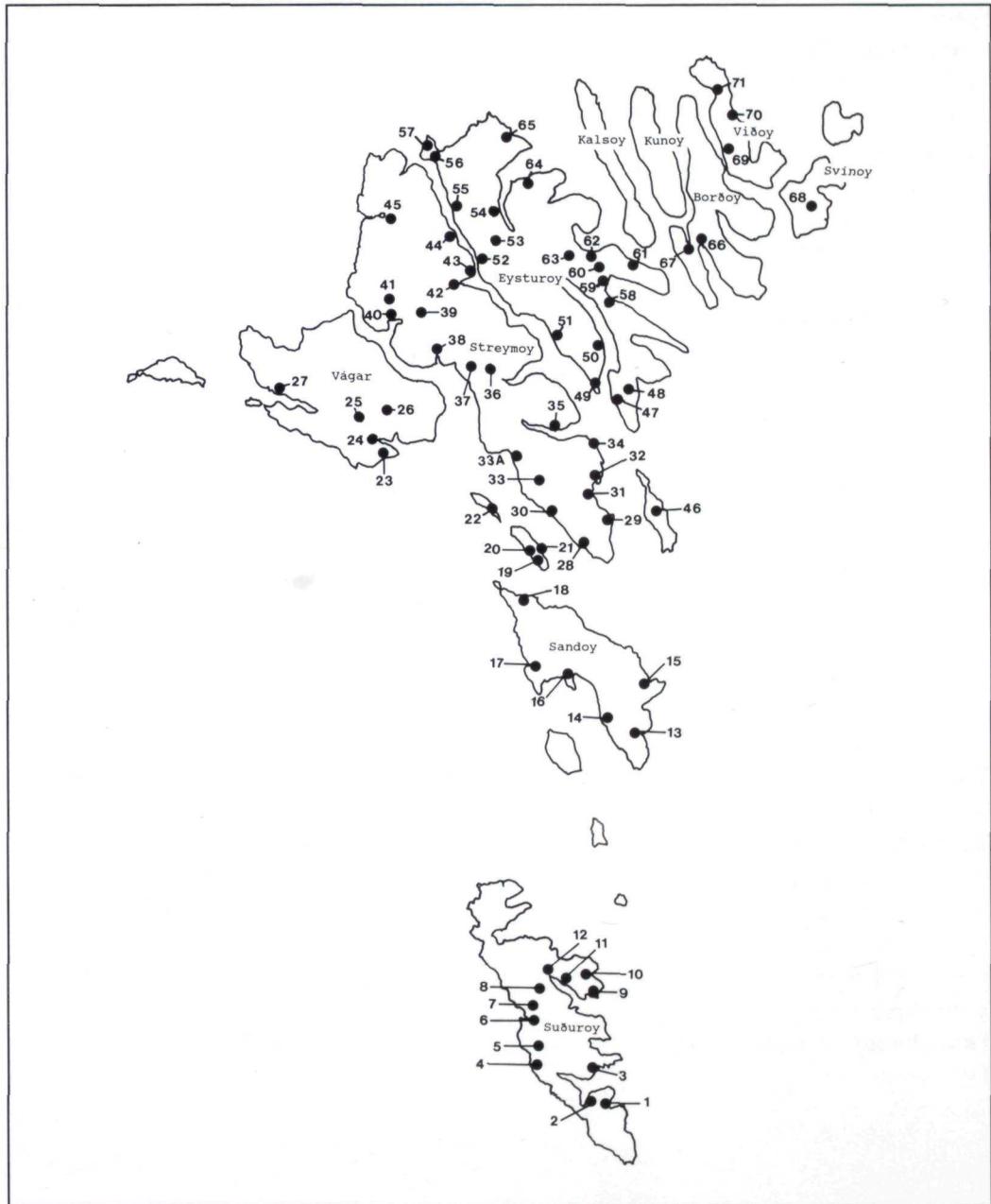
Species	A	S	C	B	T	M	N	O	S	N	A	L	H
Pertusaria oculata	x	x	x	x							x	x	x
<i>pseudocorallina</i>				x	x	x							x
<i>xanthostoma</i>	x	x									x	x	
Phaeophyscia orbicularis			x	x	x	x	x	x			x	x	
<i>sciastra</i>	x	x	x	x	x	x	x	x			x	x	
Phaeospora rimusicola	x		x								x		x
Pharcidia epiramalina										x		x	
<i>rivilorum</i>	x												
Physcia adscendens		x	x	x	x	x	x	x			x	x	
<i>aipolia</i>	x	x	x	x	x	x	x	x			x	x	
<i>caesia</i>	x	x	x	x	x	x	x	x			x	x	x
<i>dubia</i>	x	x	x	x	x	x	x	x			x	x	
<i>tenella</i>		x	x	x	x	x	x	x			x	x	
<i>v. marina</i>	(x			x	x			x				x	
Physconia muscigena	x	x	x	x							x	x	
Pilophorus cereolus	x	x	x	x							x	x	x
<i>dovrensis</i>	x	x									x	x	x
<i>strumaticus</i>					(x	x)		x				x	
Placopsis gelida	(x	x	x	x				x	x	x	x	x	x
Placynthiella icmalea			x	x	x						x	x	
<i>uliginosa</i>	x	x	x	x	x						x	x	
Placynthium asperellum	x	x	x	x							x	x	x
<i>pannariellum</i>	x	x	x									x	
Platismatia glauca	x	x	x	x	x						x	x	
Plectocarpon lichenum	x	x	x	x	x						x	x	
Polyblastia cruenta	x	x	x	x							x	x	x
<i>cupularis</i>	x	x	x								x	x	
<i>helvetica</i>	x	x	x									x	
<i>melaspora</i>	x	x	x	x								x	
<i>terrestris</i>	x	x	x								x	x	
<i>theleodes</i>	x	x	x	x							x	x	x
Polychidium muscicola	x	x	x	x							x	x	
Polycoccum galligenum	x	x	x		x	x					x		
<i>gelidarium</i>	x	x									x	x	
<i>microsticticum</i>	x	x	x								x		x
<i>tryptothelioides</i>	x	x	x									x	
Polysporina laponica	x	x	x	x	x	x					x		x
Porina aenea			x	x	x	x					x	x	

Species	A	S	C	B	T	M	N	O	S	NO	SONA	L	H
<i>Porina chlorotica</i>		x	x	x	x					x	x		
<i>grandis</i>		x	x	x	x						x		
<i>guentheri</i>					x						x		
<i>lectissima</i>		x	x	x	x						x	x	
<i>Porpidia cinereoatra</i>	x	x	x	x	x					x	x	x	
<i>crustulata</i>	x	x	x	x	x					x	x	x	
<i>flavocaerulescens</i>	x	x	x	x						x	x	x	
<i>glaucomphaea</i>	x	x	x	x	x					x	x	x	
<i>hydrophila</i>		x	x	x						x	x		
<i>macrocarpa</i>	x	x	x	x	x					x	x	x	
<i>nigrocruenta</i>		x	x	x	x					x	x		
<i>pseudomelinodes</i>	x	x	x	x						x		x	
<i>soredizodes</i>	x	x	x	x	x						x	x	
<i>speirea</i>	x	x	x	x	x					x	x		
<i>superba</i>	x	x	x	x	x					x		x	
<i>tuberculosa</i>	x	x	x	x	x					x	x	x	
<i>zeoroides</i>		x	x							x	x		
<i>Protoblastenia siebenhaariana</i>	x	x	x								x		
<i>Protoparmelia badia</i>	x	x	x	x	x	x				x	x	x	
<i>Protoparmelopsis muralis</i>	x	x	x	x	x	x				x	x	x	
<i>Protothelenella sphinctrinoides</i>	x	x	x	x	(x)					x		x	
<i>Pseudephebe minuscula</i>	x	x	x	x						x	x	x	
<i>pubescens</i>	x	x	x	x						x	x	x	
<i>Pseudevernia furfuracea</i>		x	x	x							x		
<i>Pseudocyphellaria intricata</i>				(x	x	x)				x		x	
<i>Psoroma hypnorum</i>	x	x	x	x	x					x	x	x	
<i>Pyrenidium actinellum</i>	x	x	x	x						x	x	x	
<i>Pyrenocollema halodytes</i>	(x			x	x	x)	x	x	x	x	x	x	
<i>Pyrenopsis granatina</i>	x	x	x	x						x		x	
<i>pulvinata</i>	x	x	x	x						x		x	
<i>Ramalina cuspidata</i>				(x	x)		x				x		
<i>farinacea</i>				x	x	x				x	x		
<i>obtusata</i>				x	x					x	x		
<i>pollinaria</i>	x	x	x	x						x	x		
<i>polymorpha</i>		x	x	x		(x)					x		
<i>siliquosa</i>				(x	x)		x				x		
<i>subfarinacea</i>	(x			x	x	x)	x	x	x		x		
<i>Refractohilum peltigerae</i>	x	x	x	x						x	x		

Species	A	S	C	B	T	M	N	O	S	ON	A	L	H
<i>Rhagadostoma lichenicola</i>	x	x	x								x		
<i>Rhizocarpon badioatrum</i>	x	x	x	x	x						x	x	
<i>concentricum</i>		x	x	x	x						x	x	x
<i>expallescens</i>	x	x									x	x	x
<i>ferax</i>	x	x	x								x	x	
<i>geographicum</i>	x	x	x	x	x						x	x	x
<i>hochstetteri</i>	x	x	x	x	x	x					x	x	x
<i>intermediellum</i>	x	x	x								x		x
<i>lavatum</i>	x	x	x	x	x						x	x	x
<i>obscuratum</i>	x	x	x	x	x	x					x	x	x
<i>oederi</i>		x	x	x	x						x	x	
<i>polycarpum</i>	x	x	x	x	x	x					x	x	
<i>subgeminatum</i>		x	x	x							x	x	
<i>Rhopalospora lugubris</i>	x	x	x								x	x	
<i>Rinodina cacuminum</i>	x	x		x							x	x	
<i>exigua</i>	x		x	x	x						x	x	
<i>gennarii</i>			x	x	x	(x x)	x	x			x	x	
<i>luridescens</i>			(x x x)	x	x						x		
<i>olivaceobrunnea</i>	x	x	x								x		x
<i>turfacea</i>	x	x	x								x	x	x
<i>Roselliniopsis ventosa</i>											x		
<i>Sagiolechia rhexoblephara</i>	x	x	x								x		x
<i>Schaereria cinereorufa</i>	x	x	x	x	x						x		x
<i>tenebrosa</i>	x	x	x	x	x						x	x	
<i>Sclerococcum sphaerale</i>	x	x	x	x	x	x					x	x	x
<i>Scoliciosporum chlorococcum</i>			x	x	x						x	x	
<i>umbrinum</i>	x	x	x	x	x	x					x	x	
<i>Scutula stereocaulorum</i>	x	x	x	x	x						x	x	
<i>tuberculosa</i>	x	x	x	x	x						x	x	
<i>Solorina bispora</i>	x	x	x	x	(x)						x		x
var. <i>macrospora</i>	x		x								x		x
<i>crocea</i>	x	x	x								x	x	x
<i>saccata</i>	x	x	x	x	x						x	x	
<i>Sphaerellothecium araneosum</i>	x	x	x								x		
<i>Sphaerophorus fragilis</i>	x	x	x	x	x	x					x	x	x
<i>globosus</i>	x	x	x	x	x						x	x	x
<i>Sporastatia polyspora</i>	x	x	x								x		x
<i>Staurothele fissa</i>	x	x	x	x	(x)						x	x	

Species	A	S	C	B	T	M	N	O	S	N	A	L	H
<i>Stereocaulon alpinum</i>	x	x	x	x							x	x	
<i>arcticum</i>	x	x									x	x	x
<i>capitellatum</i>	x	x	x										x
<i>condensatum</i>	x	x		x	x						x	x	x
<i>dactylophyllum</i>	x	x	x	x	x						x	x	
<i>evolutum</i>				x	x	x					x	x	
<i>leucophaeopsis</i>	x	x									x	x	
<i>nanodes</i>	x	x	x	x	x						x		x
<i>pileatum</i>				x	x	x					x	x	
<i>rivulorum</i>	x	x	x								x	x	x
<i>subcoralloides</i>						x	x				x	x	
<i>vesuvianum</i>	x	x	x	x	x						x	x	x
<i>Sticta fuliginosa</i>					x	x	x				x	x	
<i>limbata</i>					x	x	x		(x)	x	x		
<i>Stigmadium peltideae</i>	x	x	x	x									x
<i>schaereri</i>	x	x	x	x	x	x					x	x	
<i>stygnospilum</i>	x	x	x								x	x	
<i>Tephromela atra</i>	x	x	x	x	x	x	x				x	x	x
<i>Thamnolia vermicularis</i>	x	x	x	x	x						x	x	x
var. <i>subuliformis</i>	x	x	x	x	x						x	x	x
<i>Thelidium aenovinosum</i>	x	x	x	x							x	x	x
<i>auruntii</i>			x	x	x	(x)						x	
<i>papulare</i>	x	x	x	x	x							x	
<i>Thelocarpon epibolum</i>	x	x	x	x	x						x	x	
<i>Toninia aromatica</i>	x	x	x	x	x	x	x				x	x	
<i>cumulata</i>	x	x									x	x	
<i>squalescens</i>	x	x	x									x	
<i>squalida</i>	x	x	x	x	x	x					x	x	
<i>thiopsora</i>						(x)					x	x	
<i>Trapelia coarctata</i>			x	x	x	x					x	x	x
<i>mooreana</i>			x	x							x	x	
<i>placodioides</i>	x	x					x	x					
<i>Trapeliopsis flexuosa</i>	x	x	x	x	x						x	x	
<i>granulosa</i>	x	x	x	x	x	x		x	x				
<i>pseudogranulosa</i>							x	x			x	x	
<i>wallrothii</i>				x	x	x	x				x	x	
<i>Tremolecia atrata</i>	x	x	x	x	(x)						x	x	x
<i>Tuckermannopsis chlorophylla</i>	x	x	x	x	x						x	x	

Species	A	S	C	B	T	M	N	O	S	N	A	L	H
<i>Umbilicaria cylindrica</i>	x	x	x	x	x						x	x	x
<i>proboscidea</i>	x	x	x	x	(x)						x	x	x
<i>Usnea subfloridana</i>				x	x	x					x	x	
<i>Verrucaria aethiobola</i>	x	x	x	x	x						x	x	
<i>ceuthocarpa</i>	(x)			x	x)		x	x	x	x	x	x	x
<i>ditmarsica</i>				(x	x)		x		x	x	x	x	x
<i>gudbrandsdalensis</i>	x	x										x	
<i>halizoa</i>					(x	x)	x		x	x	x	x	x
<i>margacea</i>	x	x	x	x	x					x	x	x	x
<i>maura</i>	(x			x	x)		x		x	x	x	x	x
<i>mucosa</i>	(x			x	x)		x		x	x	x	x	x
<i>muralis</i>		x	x	x	x	x	x			x	x		
<i>nigrescens</i>	x	x	x	x	x	x				x	x		
<i>papillosa</i>		x	x	x						x	x	x	x
<i>praetermissa</i>				x	x						x		
<i>prominula</i>				(x	x)		x				x	x	
<i>rupestris</i>	x	x	x	x	x					x	x		
<i>striatula</i>	(x			x	x)		x		x	x	x	x	x
<i>tectorum</i>				x						x	x		
<i>tristis</i>		x	x								x		
<i>umbrinula</i>		x	x	x	x					x	x		
<i>sp.</i>											x		
<i>Vestergrenopsis elaeina</i>	x	x								x	x	x	
<i>Wentomyces peltigericola</i>	x	x	x	x						x	x		
<i>Xanthoria calcicola</i>				x	x	x		(x)		x			
<i>candelaria</i>	x	x	x	x	x					x	x	x	
<i>elegans</i>	x	x	x	x	x					x		x	
<i>parietina</i>		x	x	x	x	x				x	x	x	
<i>polycarpa</i>	x		x	x	x					x	x		
<i>Xylographa trunciseda</i>				x	x						x		
<i>Zwachkiomyces martinianus</i>				x						x			



The localities

The localities mentioned in the text are arranged in alphabetical order and are given numbers. The locality numbers are arranged from south and west to north and east on the map, Fig. 1.

- Akrar 2
 Borðoyarvík 66
 Bøur, W of 27
 Dalá 13
 Dalur 13
 Eiði 54
 Eiðsvík 70
 Elduvík 64
 Fámjin 6
 Froðba 10
 Gjógv 65
 Glyvursnes 29
 Gøta 58
 Gøtugjógv 59
 Hestur, central part 20
 Hestur, SE-coast 21
 Hestur, SW-coast 19
 Hoyvík 32
 Hvalvík 42
 Hvítanes 34
 Í Botni 4
 Kirkjubømúrurin 28
 Kirkjubøur 28
 Kirkjuvatn 7
 Klaksvík 67
 Kollafjørður 35
 Kollur 57
 Koltur 22
 Kvívík 38
 Langasandur 44
 Leirvík 61
 Leynar, E of 37
 Leynavatn 36
 Ljósá 50
 Lysaa (Eiði) 55
 Middagsfjall 23
 Miðvágur 24
 Nólsoy (Nolsø) 46
 Norðradalur 33a
 Nes 47
 Oknadalur 54
 Oyrnafjall 8
 Porkeri 3
 Raktangi 49
 Reynsatindur 26
 Ryskivatn 5
 Saksun 45
 Sandágerði 27
 Sandur 16
 Selatrað 51
 Sigatindur 61
 Skálavík 15
 Skarvanes 14
 Skarvatangi 9
 Skopun, W of 18
 Slættaratindur 53
 Søltuvík 17
 Sornfelli 33
 Streymnes 43
 Svínáir 52
 Svínoy 68
 Syðrugøta 58
 Tjørndalsá 25
 Toftavatn 48
 Tórshavn 31
 Trælavatn 63
 Trongisvágur 12
 Tvøroyri 11
 Vardebakken (Tórshavn) 31
 Varmakelda 62
 Velbastaður 30
 Vestmanna, at dam 39
 Vestmanna Gjógv 41
 Vestmannahavn 40
 Viðareiði 71
 Viðoy 69
 Víkarbyrgi 1

The species

The collectors are abbreviated as follows:

GD: Gunnar Degelius

ESH: Eric Steen Hansen

H&F: Eric Steen Hansen and Anna Maria Fosaa

SS: Svanhildur Svane

VA: Vagn Alstrup

The Faroese Museum of Natural History in Tórshavn is here abbreviated NSF (Føroya Náttúrugripasavn). Figures in brackets refer to numbers of the literature list containing records of the species from the Faroes; the names used in the cited papers are also given if different from the accepted name. Generally only new collections are cited in the list, and for the common species only the number of collections found in C and AAU is given.

**Abrothallus parmeliarum* (Sommerf.)

Arn. A lichenicolous fungus on *Parmelia omphalodes*. Hoyvík, VA 851526. Eiðsvík, H&F 83410.

**Acarospora cervina* Massal. On rock W of Skopun, VA 85755.

A. fuscata (Nyl.) Arn. On rocks. W of Skopun, VA 851359; Toftavatn, SS 6327-1. Syðrugóta, H&F 83331. (7).

A. smaragdula (Wahlenb.) Massal. Common on basalt, 18 coll. (1,2,33: *A. cervina* var./f. *smaragdula*).

***A. veronensis** Massal. On rock W of Bøur, VA 851400.

Adelolechia pilati (Hepp) Hertel & Hafellner. (2,4: *Lecidea p.*).

Alectoria nigricans (Ach.) Nyl. On shal-

low soil and moss over rocks in unaccessible places, SE-coast of Hestur, VA 85450. (1,2,6; 1: *A. jubata* f. *nitidula*).

Amygdalaria pelobotryon (Wahlenb.) Norman. Very common on basalt, 22 coll. (4: *Lecidea pelobotrya*; 1,2: *Lecanora p.*, *Lecanora gibbosa*; 1: *Squamaria gelida* p.p.).

Anaptychia ciliaris (L.) Körber var. *melanosticta* (Ach.) Boistel. Common on coastal rocks, 6 coll. (48: f. *melanosticta*; 1,2: *Physcia ciliaris* var. *saxicola*; 32: *Parmelia ciliaris*).

A. runcinata (With.) Laundon. Common on coastal rocks, 18 coll. (4,5,6,9: *A. fusca*; 1,2,24,33: *Physcia aquila*).

Arthonia fuscopurpurea (Tul.) R. Sant. Lichenicolous fungus, parasitic on *Peltigera lactucifolia*, Leirvík, VA 69702. (1: *Celidium fuscopurpureum*).

A. intexta Almq. Lichenicolous fungus, parasitic on *Lecidella stigmata* (38; 1: *Bilimbia arthoniza*; 2: *Conida intexta*).

A. lapidicola (Taylor) Branth & Rostrup (1,2).

A. phaeobaea (Norman) Norman. On coastal rocks. Gjov, SS 6321-1; Toftavatn, SS 6342-1; Gjógv and Tórshavn, GD. (5; 1: *Arthonia* sp. nov.).

A. radiata (Pers.) Hook. (1,2,5,10).

***Arthopyrenia bryospila** (Nyl.) Arn. Sornfelli, 700 m, on moss, VA 85862. Acc. to Santesson 1984 (55) a parasitic fungus, referable to *Cercidospora*.

***A. punctiformis** Massal. On Sorbus and Laburnum in Tórshavn, Kirkjubøur and Vestmanna, GD.

***A. sublitoralis** (Leighton) Arn. Common

- on shells of *Balanus* etc. on coastal rocks, 6 coll.
- Arthothelium ruanum** (Massal.) Zwackh.
On *Calluna* twig, Toftavatn, VA 85822.
(10).
- ***Arthroraphis alpina** (Schaeerer) R. Sant.
Common on soil with turf, 8 coll.
- A. citrinella** (Ach.) Poelt. Common on soil with turf, 14 coll. (7).
- A. grisea** Th. Fr. Hoyvík, on *Baeomyces rufus*, VA 851440. (1,2: *A. vacillans*).
- ***Aspicilia** cfr. **alphoplaca** (Wahlenb.) Poelt & Leuckert (1,2: *Squamaria cartilaginea* p.p.; 4: *Squamaria circinata*; 33: *Placodium circinatum*).
- A. caesiocinerea** (Nyl. ex Malbr.) Arn.
Common on rocks, 7 coll. (7; 2: *Lecanora cinerea* p.p.).
- ***A. calcarea** (L.) Mudd. Kirkjubømúrurin, on mortar, GD.
- ***A. ceracea** Arn. S-end of Koltur, on rock, VA 85384.
- A. cinerea** (L.) Körber. On rocks. Slættaratindur, VA 851276. Kirkjubøur, Eiði, Borðoyarvík, GD. (2: *Lecanora c. p.p.*).
- ***A. elevata** (Lynge) Thomson. On rock. Ravine NW of Velbastaður, VA 85754. Tórshavn, GD.
- ***A. epiglypta** (Norrl. ex Nyl.) Hue. Tórshavn, on exposed rock, GD.
- A. lacustris** (With.) Th. Fr. Common on rocks, 20 coll. (33; 1,2,4,5: *Lecanora l.*).
- A. leproscescens** (Sandst.) Havaas. On coastal rocks. S end of Koltur, VA 851315. Tórshavn, GD. (5: *Lecanora l.*).
- ***A. morioides** Blomb. ex Arn. On rock, Sornfelli, 600 m, VA 851301.
- ***Bacidia arceutina** (Ach.) Rabenh. Eiði, H&F 83375.
- ***B. cuprea** (Massal.) Lettau. N-facing rock at tunnel E of Leynar, VA 85344.
- ***B. igniarii** (Nyl.) Oxner. Eiði, H&F 83383.
- B. inundata** (Fr.) Körber. (2).
- B. phacodes** Körber (1: *Bacidia arceutina* var. *chlorotica*)
- ***B. scopulicola** (Nyl.) A. L. Sm. Coastal rock S of Leirvík, VA 69706. On plant remains, Velbastaður, VA 851574x.
- B. subfuscula** (Nyl.) Th. Fr. (2).
- ***B. trachona** (Ach.) Lettau. On rock. Sornfelli, VA 851442. Slættaratindur 400 m, SS 6289-2. Tórshavn, GD.
- Baeomyces placophyllus** Ach. Very common on soil with turf, 27 coll. (4,6,7; 2: *Sphyridium placophyllum*).
- B. roseus** Pers. Common on soil, 8 coll. (42).
- B. rufus** (Huds.) Rebent. Very common on soil, turf, rocks and on basal parts of trees, 30 coll. (7,15; 4 incl. var. *subsquamulosus*; 1,2,33: *Sphyridium byssoides*).
- ***Bellemerea** cfr. **alpina** (Sommerf.) Clauz. & Roux. On humid, shaded rock at Raktangi, VA 85832. The disc is pale, the thallus is faintly K+ yellow, the ascospores halonate, J+. It is obviously a shade-form, and because of the K-reaction it is hesitatingly referred to *B. alpina*.
- ***Belonia incarnata** Th. Fr. & Graewe ex Th. Fr. Svínøy, on dying moss, VA 85609. W of Skopun, on decaying *Peltigera*, VA 851632.
- Biatora sphaeroides** (Dickson) Körber.

- Rather common on turf, 5 coll. (1,2: *Bilimbia sphaeroides*; 2: *Lecidea parasema* var. *pilaris*; 10: *Catillaria sphaeroides*).
- B. vernalis** (L.) Fr. Toftavatn, on moss, SS 6299-1. (2,33; 1: *Lecidea v.*).
- Brigantiaeа fuscolutea** (Dickson) R. Sant. Very common over moss at high altitudes, 12 coll. (1,2,17,33: *Lopadium f.*: 24: *Lecidea fuscolutea*).
- Bryoria bicolor** (Ehrh.) Brodo & D. Hawksw. On rocks in unaccessible places. Hestur, VA 85398, 85451, 851697. (1,2,5: *Alectoria bicolor*; 2: *A. jubata* p.p.).
- B. capillaris** (Ach.) Brodo & D. Hawksw. (1: *A. jubata* f. *cana*; 2: *A. jubata* var. *implexa*).
- B. chalybeiformis** auct. Over rocks in unaccessible places (1,6: *A. jubata* p.p., 2,24,33: *A. jubata* var. *chalybeiformis*; 6: *Alectoria c.*; 12: *Lichen c.*).
- B. fuscescens** (Gyelnik) Brodo & D. Hawksw. Plantation in Tórshavn, on *Pinus*, VA 85641. Kirkjubøur, SS 6344-1. (10; 5: *Alectoria jubata*).
- ***B. nitidula** (Th.Fr.) Brodo & D. Hawksw. Hestur, central island, between boulders, VA 85442.
- ***B. tenuis** (E. Dahl) Brodo & D. Hawksw. SE-coast of Hestur in inaccessible places on moss, VA 851698.
- ***Buellia adjuncta** Th. Fr. Lichenicolous fungus. Near Famievatn, parasite on *Lecanora straminea*, 22/7 1897, Hartz & Ostenfeld.
- ***B. aethalea** (Ach.) Th. Fr. On rock, Tórshavn, GD.
- ***B. ambigua** (Ach.) Malme. On rock, Tórshavn, SS 6342-2.
- B. coniops** (Wahlenb.) Th. Fr. On coastal rocks. Dalá, H&F 83259. Kollafjørður, SS 6274-1. Gjógv, SS 6324-1. (2,5).
- B. disciformis** (Fr.) Mudd. Svínoy, on *Acer*, VA 85739. (2,10).
- ***B. hypopodioides** (Nyl.) Arn. N of Streymnes, on overhang, VA 85593. Kirkjubøur, boulder by the road, GD.
- ***B. nivalis** (Bagl. & Car.) Hertel ex Hafellner. Kirkjubømúrurin, on mortar, VA 851410.
- ***B. ocellata** (Flotow) Körber. On rock. Elduvík, VA 851639. Tórshavn, GD. Viðareiði, Hartz & Ostenfeld 1879, det. H. Mayrhofer. (2: *Rinodina exigua* p. p.).
- B. punctata** (Hoffm.) Massal. Dalur, garden trees: *Larix*, *Betula* and *Sambucus*, VA 851552, 851554 and 851556. Coastal rock, Velbastaður, VA 851585. Eiðsvík, H&F 83050. (10; 1,2: *Buellia myriocarpa*).
- B. sororia** Th. Fr. (2).
- B. spuria** (Schaerer) Anzi (2).
- ***Caloplaca castellana** (Räs.) Poelt. Koltur, S-end, on *Placynthium asperellum*, VA 851318.
- ***C. citrina** (Hoffm.) Th. Fr. Common on calcareous materials such as concrete and mortar, 11 coll.
- C. crenularia** (With.) Laundon. Common on rocks, 21 coll. (4,7: *C. ferruginea* var. *festiva*; 1: *Placodium ferrugineum* var. *festiva*; 2: *Placodium pyraceum*; 33: *Caloplaca ferruginea*).
- ***C. exsecuta** (Nyl.) DT. & Sarnth. (2:

- Placodium cerinum*; 33: *Caloplaca cerina*).
- ***C. ferruginea** (Huds.) Th. Fr. Hvalvík, *Acer* in plantation, VA 85629.
- C. flavorubescens** (Huds.) Laundon. (10).
- C. flavovirescens** (Wulf.) DT. & Sarnth. Ryskivatn, on a concrete dam, VA 85704. Gjógv, SS 6323-5. (1,2: *Placodium aurantiacum* b. *flavovirescens*).
- C. holocarpa** (Hoffm.) Wade. Common on mortar and basalt, 21 coll. (2: *Placodium aurantiacum*, incl. var. *obliterata*; 1,2: *P. jungermanniae*; 33: *Caloplaca jungermanniae*).
- C. marina** (Wedd.) Zahlbr. Common on coastal rocks, 13 coll. (4,5,19,22; 1: *Placodium murorum* p.p.; 2: *Placodium murorum* var. *obliterans*).
- C. nivalis** (Körber) Th.Fr. Slættaratindur, SW-slope, 400 m, on moss, SS 62-79-1. (7).
- ***C. scopularis** (Nyl.) Lettau. Seashore rock, Koltur, VA 851317.
- ***C. soropelta** (E.S. Hansen, Poelt & Søchting) Søchting. Tórshavn, GD.
- C. thallincola** (Wedd.) Du Rietz. Common on coastal rocks, 10 coll. (5,19).
- ***C. verruculifera** (Vainio) Zahlbr. Common on coastal rocks, 8 coll.
- Candelariella aurella** (Hoffm.) Zahlbr. Frequent on calcareous materials, 5 coll. (2: *Placodium vitellinum* var. *octosporum*).
- ***C. coralliza** (Nyl.) H. Magn. On bird-stones. Leirvík, VA 69799. Toftavatn, SS 6297-2, 6327-2.
- C. vitellina** (Hoffm.) Müll. Arg. Common on rocks, 18 coll. (5,7; 1: *Placodium vitellinum*; 24: *Lecanora vitellina*; 33: *Caloplaca* v.).
- C. xanthostigma** (Ach.) Lettau. On *Acer* in Tórshavn, VA 85734. (10).
- Carbonea degelii** Alstrup sp. nov. Discomyces lichenicola. Apothecia dispersa vel congregata, initio plana, in thallum hospitis immersa, post emergentia, convexa, sessilia, nigra, nitida, ad 0.7 mm diam. Margo initio manifestus, niger, provecta aetate revolute tectus, inter epihymenium viridulum et hypothecium fuscum colore intermedius. Hymenium 65-75 µm altum, summa parte 10-15 µm alta dilute viridula, reliqua parte achroa. Hypothecium in apotheciis convexis 100 µm altum vel ultra, fuscum, KOH tractatum liquorem rubellum reddens. Paraphyses inter se liberae, sparse ramificatae nullis anastomosis visis, circiter 1 µm crassae, apicibus ad 2 µm incrassatae, calyptis obscuris nullis. Asci clavati vel late clavati, ascis Lecanorae similis, 35-45 x 13-16 µm magni, octospori. Ascospores non septatae, paene cylindricae, apicibus rotundatis, hyalinae, 11-13 x 3.5-4 µm magnae.
- Lichenicolous discomycete. Apothecia dispersed or aggregated, at first immersed in the host thallus and flat, later sitting and convex, black, shining, up to 0.7 mm diam. Margin at first distinct, black, in old stage excluded, in colour transitionary between the greenish epihymenium and darkbrown hypothecium. Hymenium 65-75 µm high, upper 10-15 µm dilute greenish, otherwise hyaline. Hypothecium at least to 100 µm

thick in convex apothecia, dark brown, giving a slight reddish solution in K. Paraphyses free, sparsely branched, anastomoses not seen, ca. 1 µm thick, slightly enlarged at top to 2 µm, without a dark cap. Ascii clavate to broadly clavate, of lecanora-type, 35-45 x 13-16 µm, 8-spored. Ascospores non-septate, almost cylindrical, with rounded ends, hyaline, 11-13 x 3.5-4 µm.

Holotype: Faroe Islands, Eysturoy, Gjógv, stone-wall at the grave-yard, on *Lecanora intricata*, 3 Sept. 1956, Degelius (herb. Degelius).

The new species is clearly parasitic, the host thallus and eventually the apothecia become decolorized and finally totally destroyed. It is known only from the holotype. The species is placed in *Carbonea* because of the lecanoralean ascii, the little-branched paraphyses and the dark hypothecium. *Lecidella* also has lecanoralean ascii and little-branched paraphyses, but these are distinctly swollen and mostly dark at the top, and the hypothecium is pale. *Geltingia* has free paraphyses but the ascii are narrowly ellipsoid or cylindrical and the hypothecium pale. *Nesolechia oxysporiza* is known from the closely related host *Lecanora polytropa*, but that species has agglutinated paraphyses and pale hypothecium. Three other lichenicolous species of *Carbonea* are known: *C. vitellinaria* (see below) and *C. supersparsa* (Nyl.) Hertel are smaller, with paler hypothecium and broader ascospores, while *C. halacsyi* (Steiner) Hafellner & Sancho on yellow *Rhizocarpon* species has dark hypothecium and bigger, ellipsoid ascospores.

****C. vitellinaria*** (Nyl.) Hertel. Lichenicolous fungus, on *Candelariella vitellina*. Víkarbyrgi, VA 851464; Gjógv, GD.

Catapyrenium cinereum (Pers.) Körber. On soil. Í Botni, VA 85696; Akrar, VA 85481. Eiði, GD. Gjógv, GD; SS 6323-2. (41; 1: *Verrucaria tephroides*; 2: *Endocarpon cinereum* p.p.; 1,2: *Dermatocarpon rufescens* p.p.).

C. daedaleum (Krempehl.) B. Stein. On soil. Maritime grassland, Koltur, VA 85387; Svínøy, VA 85604; Raktangi, VA 85826; river bed N of Leynavatn, VA 85325; Sornfelli, VA 851433; W of Leynavatn, VA 85336. (41; 2: *Endocarpon cinereum* p.p.).

C. lachneum (Ach.) R. Sant. Common on soil on sunny rocks. (7; 5: *Dermatocarpon* 1.; 1,2: *D. rufescens* p.p.; *D. hepaticum*).

Catillaria chalybeia (Borrer) Massal. Common on rocks, mostly at the coast, 6 coll. (5; 1: *Lecanora erysibe* * *alborielia*; 2: *Lecidea sylvicola*).

****C. contristans*** (Nyl.) Zahlbr. Mountain NE of Leynavatn, S-facing, VA 85316. Slættaratindur, SW-slope, 400 m, SS 6279-2.

C. lenticularis (Ach.) Th. Fr. Ryskivatn, VA 85472. (2: *Bilimbia l.*).

****Catolechia wahlenbergii*** (Ach.) Körber. On vertical rock. Mountain NE of Leynavatn, c. 600 m, VA 85761 (a small specimen).

Cercidospora arthroraphidicola Alstrup sp. nov.

Pyrenomyces lichenicola. Ascomata ad circiter 100 µm diam., in thallum hospitis

omnino immersa vel regionibus ostilaribus protrudentibus. Excipulum circiter 20 µm crassum, ex cellulis isodiametricis vel secundum superficiem elongatis, 2-4 x 3-6 µm magnis compositum, in parte libera viridulum, in partibus immersis pallide viridulum vel colore nullo. Asci cylindrici, circiter 80-100 x 7.5-8.5 µm magni, octospori. Ascospores ellipsoides, septo unico divisae, cellula superiore inferiorum diametro superante, hyalinae, 13-16 x 4.5-5.5 µm magnae.

Lichenicolous pyrenomycete. Ascomata up to c. 100 µm diam., immersed in the host thallus or with protruding ostiolar region. Excipulum c. 20 µm thick, composed of isodiametric or tangentially elongated cells 2-4 x 3-6 µm, free parts greenish, immersed parts pale greenish to uncoloured. Asci cylindrical, c. 80-100 x 7.5-8.5 µm, 8-spored. Ascospores ellipsoid, 1-septate, the lower cell narrower than the upper one, hyaline, 13-16 x 4.5-5.5 µm.

Holotype: Faroe Islands, Streymoy, Sornfelli, alt. c. 700 m, on *Arthroraphis alpina* (Schaerer) R. Sant., 7 June 1985, Alstrup 85868 (C).

The new species will key out close to *C. epipolytropa* (Mudd) Arnold, which occurs in the hymenia of the *Lecanora polytropa* group. Yet, it has slightly smaller ascospores and the excipulum is greenish, not olivaceous turning greenish with K. Furthermore, the lichenicolous species of *Cercidospora* are normally restricted to one host or to closely related hosts. The present species is a weak parasite forming small cavities in the host thallus, so that old perithecia are sunken below the surround-

ing lichen thallus. When the perithecia fall off, the bark of the cavities are of normal host colour. Even up to 10 perithecia in one areole does not kill the host.

****Cercidospora epipolytropa* (Mudd) Arn.**

Lichenicolous fungus. On *Lecanora polytropa*, Sornfelli, VA 851427 and 851338; Elduvík, VA 851642; Slættaratindur, VA 851272. On *L. intricata*, N of Streymnes, VA 85596, 851338.

****C. cfr. pluriseptata* (Nyl.) Zopf.**

Lichenicolous fungus. Hestur, SW-coast, on unidentified crustose lichen on rock, VA 85401ex. The species is insufficiently known (Keissler 1930 (52), as *Metasphaeria pluriseptata*) as the diagnosis was short. The type specimen (H-NYL) was not available for loan. The species was not included in Hafellner's 1987 treatment of *Cercidospora* (49). The Faroese specimen has brown excipulum, cylindrical, thin-walled asci c. 70 x 10 µm surrounded by a thin gelatinous sheath. The 8 ascospores are bi-seriate, 3-7-septate, gelatinous sheath not seen. The 3-septate ascospores measure 19-22 x 4.5-5 µm, the 5-7-septate are up to 29 µm long. They are slightly narrower at the lower end. The type specimen was found on *Protoparmeliopsis muralis* in France. The Faroese host can well be a *Lecanora* s.l., but apothecia are not present.

****C. stereocaulorum* (Arn.) Hafellner.**

Lichenicolous fungus, on *Stereocaulon evolutum*, Vágur, Feilberg 1867, with *Scutula stereocaulorum*.

Cetraria islandica (L.) Ach. ssp. *islandica* and ssp. *crispiformis* (Räs.) Kärnef. are both common in heathlands (1,2,4,6,24,32,33,35,42,43; 1,2,25: *C. islandica* var. *crispa*; 25: *C. islandica* var. *platyna*; 12: *Lichen islandicus*; 5: *C. ericetorum*).

Chromatochlamys larbalestieri (A. L. Sm.) Mayrh. & Poelt. (2: *Microglaena corrosa*).

***C. muscorum** (Fr.) Mayrh. & Poelt var. *octosporum* (Nyl.) Mayrh. & Poelt. On moss. E of Vestmanna, VA 85360; Akrar, VA 85482; Ryskivatn, VA 85476; SE part of Hestur, 200 m, VA 85446; Sornfelli, VA 851424.

Cladonia acuminata (Ach.) Norrlin. Suðuroy, Hartz & Ostenfeld 1897 (2: *C. furcata*).

Cladonia arbuscula (Wallr.) Rabenh. Common in heathlands, 16 coll. (4,5,6: *C. sylvatica*; 6: *C. impexa* p.p.; 42,43: *C. sylvatica*; 1,2: *Cladonia rangiferina* var. *sylvatica*).

C. bellidiflora (Ach.) Schaeerer. (6).

***C. borealis** Stenroos. Common, 12 coll. (2: *C. pyxidata* p.p., 1,2: *C. cornucopio-oides* p.p.; 6: *C. coccifera* p.p.; 25: *C. coccifera* subvar. *cornucopio-oides*).

C. carneola (Fr.) Fr. Dalá, ESH 727 (7: *C. chlorophaea*).

C. cervicornis (Ach.) Flotow. ssp. *cervicornis*. Very common in heathlands, 18 coll. (1; 33: *C. verticillata* var. *cervicornis*; 2,4,10: *C. fimbriata* p.p.).

C. chlorophaea (Flörke ex Sommerf.) Sprengel. In heathlands. Syðrugøta, H&F. (4,6; 6: *C. coccifera* p.p.).

***C. ciliata** Stirton var. *ciliata*. Ryskivatn,

VA 85480. Dalá, H&F 83093. Toftavatn, SS 6335-2. (2: *C. rangiferina* p.p., Viðoy).

C. ciliata var. *tenuis* (Flörke) Ahti. Leirvík, VA 69701. (2: *C. rangiferina* var. *silvatica* p.p., Strømø; 4: *C. tenuis*). **C. coccifera** (L.) Willd. Rare in heathlands. (5,6 p.p., Norðradalur).

C. coniocraea auct. On base of Pinus, Selatrað, VA 85796, Tórshavn, VA 85631. (10).

***C. cornuta** (L.) Hoffm. ssp. *groenlandica* (E. Dahl) Ahti. (1: *C. fimbriata*, Strømø).

***C. crispata** (Ach.) Flotow. var. *cetrariiformis* (Del.) Vainio. In heathland. Toftavatn, SS 6332-1. (6: *C. gracilis* p.p., Sigatindur).

***C. cyathomorpha** Stirton ex W. Watson. Saksun, VA 85587; Viðareiði, VA 69833. (2,6: *C. pyxidata* p.p.). 4 collections out of 7 identified by T. Ahti.

***C. decorticata** (Flörke) Sprengel. 6 coll. (2; 1,5,6 p.p.: *C. squamosa*; 4: *C. alpico- la*).

***C. diversa** Asperges. Common in heathland, 17 coll. (1,2: *C. cornucopio-oides* p.p.; 2: *C. pyxidata* p.p.; 6: *C. coccifera* p.p.).

***C. firma** (Nyl.) Nyl. Sornfelli, VA 85865. (2: *C. cervicornis* p.p., Strømø).

C. floerkeana (Fr.) Flörke. Common in heathlands, 14 coll. 1 coll. with thamnolic acid in addition to barbatic acid (TLC). (2,6,7).

***C. foliacea** (Huds.) Willd. Í Botni, VA 85697; S-end of Sandoy, VA 851660; det. T. Ahti. Yellow basal squamules. TLC: unknown, usnic acid, zeorin,

- fumarprotocetraric acid. The two specimens represent a new chemical strain of *C. foliacea*, if not a new taxon.
- ***C. fragilissima** Østhagen & P. James. Toftavatn, VA 85841.
- C. furcata** (Huds.) Schrader. Common in heathlands, 23 coll. (1,2,4,5,6,25-, 47: incl. var. *pungens* p.p.; 1,2,25: *C. furcata* var. *subulata*).
- C. gracilis** (L.) Willd. ssp. **gracilis**. Very common in heathlands, 19 coll. (1,2,4,5,6,32,33,47,48; 6: *C. ecmocyna*).
- ***C. gracilis** ssp. **nigripes** (Nyl.) Ahti. SE-coast of Hestur, VA 851695. (2: *C. gracilis* p.p.).
- C. luteoalba** Wilson & Wheldon. (7).
- ***C. macilenta** Hoffm. W of Skopun, VA 85665 (2: *C. floerkeana*, Sandoy).
- ***C. macrophyllodes** Nyl. Common in heathlands, 7 coll. N of Skálavík a vagrant form was found, VA 851384. (2: *C. cervicornis* p.p.).
- ***C. merochlorophaea** Asah. var. **merochlorophaea**. 9 coll., all with fumarpro-tocetraric acid as well as the characteristic substances. (7; 6: *C. pyxidata* p.p.; 4,6 p.p.: *C. chlorophaea*).
- ***C. merochlorophaea** var. **novochlorophaea** Sipman. 5 coll., two with fumarprotocetraric acid as well as the characteristic substances, and three with only sekikaic acid and fumarprotocetraric acid,, conf. T. Ahti. (6: *C. pyxidata* p.p., Hvítanes and Miðvágur).
- C. mitis** Sandst. In heathland. (1 p.p., Strømø; 25: *C. rangiferina* p.p., 26: *Cladina mitis*).
- C. cfr. ochrochlora** Flörke. Tjørndalsá, ESH 366, det. Tønsberg 1984. (5).
- C. pleurota** (Flörke) Schaeerer. Trælavatn, VA 69755. (6: *C. coccifera* var. *pleurota*).
- ***C. pocillum** (Ach.) O.-J. Rich. (2: *C. cervicornis* p.p., Strømø and Kalsø).
- C. portentosa** (Dufour) Coem. Common in heathlands, 10 coll. (4,5,6,27,28,43: *C. impexa* p.p.; 26: *Cladina* p.; 2: *C. rangiferina* p.p., 1: *C. mitis* p.p.).
- C. pyxidata** (L.) Hoffm. Very common in heathlands, 26 coll., 2 with atrano-rin in addition to fumarprotocetraric acid and one with unknown substance in ref. 2 (tlc). (1,2,5,6,10; 25,47 p.p.: *C. cervicornis*, *C. macrophylla*).
- ***C. ramulosa** (With.) Laundon. Leynavatn, VA 85314. (1: *C. degenerans* var. *lepidota*).
- C. rangiferina** (L.) Weber. Common in heathlands, 8 coll. (5,6,25,32,33,42, 43,47; 12: *Lichen rangiferinus*).
- C. rangiformis** Hoffm. Common, 16 coll. (4,5,6,43; 1: *C. pungens*; 2: *C. furcata* var. *pungens* p.p.).
- C. squamosa** (Scop.) Hoffm. var. **squamosa**. Rare. Gøta, VA 69606; Viðareiði, VA 69820. (5,6,7,33 p. p.).
- C. squamosa** var. **subsquamosa** (Nyl. ex Leighton) Th. Fr. (5: *C. subsquamosa*; 1: *C. degenerans* var. *lepidota*, Sandágerði; 2: *C. decorticata* p.p.).
- ***C. strepsilis** (Ach.) Vainio. Toftavatn, VA 85835. (2: *C. alcicornis*, Nólsoy).
- C. subcervicornis** (Vainio) Du Rietz. Very common in heathlands, 38 coll. (4,5,6,7; 1,2 p.p.: *C. cervicornis*, *C. alcicornis*, *C. alcicornis* var. *firma*, *C. macrophyllodes*).
- C. cfr. subulata** (L.) Weber (7).

- ***C. symphycarpa** (Ach.) Fr. Koltur, VA 85390; NE of Leynavatn, VA 85312. (2: *C. alicornis*, Nólsoy).
- C. turgida** Hoffm. (48, not seen).
- C. uncialis** (L.) Wigg. ssp. **biuncialis** (Hoffm.) Choisy. Very common in heathlands, 17 coll. All having UV+ bluewhite medulla. (1,2,4,5,6,33,42,43, 47: *C. uncialis*; 12: *Lichen uncialis*).
- ***Clauzadea monticola** (Ach. ex Schaeerer) Hafellner & Bellem. Tvøroyri, on mortar at the bridge, GD. Leirvík, the old school, on mortar, VA 69806, det. H. Hertel.
- Coelocaulon aculeatum** (Schreber) Link. Very common in heathlands, 9 coll. (21; 4,24,33: *Cetraria* a.; 1,2,5,6: *Cornicularia* a.; perhaps mixed with the next species).
- C. muricatum** (Ach.) Laundon. Very common in heathlands, 13 coll. (21; 24: *Cetraria aculeata* var. *muricata*).
- Collema bachmannianum** (Fink) Degel. (5,17).
- C. crispum** (Huds.) Weber in Wigg. (1,2,5,37).
- C. flaccidum** (Ach.) Ach. Common on wet rocks, 7 coll. (1,2,5,24,37).
- C. glebulentum** (Crombie) Degel. Common, 6 coll. (5,17).
- C. limosum** (Ach.) Ach. (5).
- C. tenax** (Swartz) Ach. Leynavatn, VA 85339; Koltur, maritime grassland, VA 85389; Saksun, VA 85579. (37).
- ***C. tenax** var. **ceranoides** (Borrer) Degel. Í Botni, between grass, VA 86701.
- C. tenax** var. **crustaceum** (Krempehl.) Degel. (5; 2: *C. pulposum*).
- ***C. undulatum** Laurer var. **granulosum** Degel. 2 km N of Svínáir, SS 6320-4.
- Cornicularia normoerica** (Gunn.) Du Rietz. (21; 2: *C. tristis*).
- Cystocoleus ebeneus** (Dillw.) Thwaites. On rocks, Saksun, VA 85578; Hoyvík, VA 851531. Dalá, H&F 83189. Svínáir, SS 6318-4. (2: *Cystocoleus rupestris*).
- ***Dactylospora attendenda** (Nyl.) Arn. Lichenicolous fungus, on *Pilophorus dovrensis*, Sornfelli 675 m, VA 851434.
- ***D. parellaria** (Nyl.) Arn. Víkarbyrgi, lichenicolous fungus, on *Ochrolechia parella*, VA 851466.
- ***D. cfr. parasitica** (Flörke ex Sprengel) Zopf. On indet. host. (1: *Buellia sociella* p.p., Hvalba).
- ***D. purpurascens** Triebel. Lichenicolous fungus, on *Amygdalaria pelobotrya*. Hoyvík, VA 851523; Middagsfjall, N-side, 100-150 m, GD.
- ***D. rimulicola** (Müll. Arg.) Hafellner. Lichenicolous fungus. W of Skopun, on *Pertusaria* sp., VA 85680.
- Dactylospora rostrupii** Alstrup sp. nov.
Discomyces lichenicola. Apothecia dispersa, initio innata, post emergentia, sessilia, discis planis, nigris, circiter 0.6 mm diam. Excipulum persistens, circiter 50 µm crassum, in sectione fusco-nigrum, e cellulis paene isodiametris, 5-8 µm diam. formatum. Hymenium 100-110 µm altum, hyalinum. Paraphyses circiter 2 µm crassae, sparse ramificatae, septatae, cellulis terminali-bus fuscis, nigro-calypratis, circiter 6 µm crassis. Asci elongate clavati, 70-80 x 12-16 µm magni, octospori. Ascosporeae (2)-3-septatae, ellipsoïdes a-picibus rotundatis, ad septa media paulum constrictae,

19-22 x 8.5-10.5 µm magnae, membranis crassis, laevisbus, fuscis.

Lichenicolous ascomycete. Ascomata apothecia, dispersed, at first innate, later sitting; disc flat, black, c. 0.6 mm diam. Excipulum persistent, c. 50 µm thick, brown-black in section, of almost isodiametric cells 5-8 µm. Hyme-nium 100-110 µm high, hyaline. Paraphyses c. 2 µm thick, sparsely branched, septate; endcells brown, with dark cap, 6 µm thick. Ascii elongate-clavate, 70-80 x 12-16 µm, 8-spored. Ascospores (2-)3-septate, ellipsoid, with round-ed ends, slightly constricted at the median septum, thick-walled, smooth, brown, 19-22 x 8.5-10.5 µm.

Holotype: Faroe Islands, Streymoy, Tórshavn, on *Pertusaria dactylina*, July 1867, Rostrup (C).

Rostrup studied the specimen and wrote *Leciographa parasitica* on the envelope, but stroke that name again, and the specimen is not included in his publication (1). *Dactylospora (Leciographa) parasitica* is also found on *Pertusaria*, but the hymenium is 50-65 µm high and the ascospores 3-5-septate, 12-19 x 5-8 µm. Another species known from *Pertusaria* is *D. pertusariicola*, which has multisporous ascii and ascospores 1(-3)-septate, 7-11 x 4-6 µm. On *Ochrolechia* two other species of *Dactylospora* occur. *D. glaucomariooides* has 3-5-septate ascospores, 12-19 x 5-8 µm, and hymenium 55-65 µm high. *D. parellaria* also has a low hymenium and ascospores 9-16 x 3-7 µm. The present species has the broadest ascospores known in the genus. It is only known from the holotype.

Sclerococcum sphaerale is found in the same collection

Dermatocarpon intestiniforme (Körber)

Hasse. Gjógv, SS 6322-2. (5; 1,2: *Dermatocarpon rufescens* p.p., Porkeri and Sandoy).

D. luridum (With.) Laundon (1,2: *D. fluviatile*; 33: *Endocarpon f.*).

D. miniatum (L.) Mann. Common on basalt rocks, 8 coll. (incl. var. *complicatum*). (1,2,5,6: all both varieties; 24,32,33: *Endocarpon minatum*).

Endococcus propinquus (Körber) D. Hawksw. Lichenicolous fungus. S-facing rock at Leynavatn, on indet. crustose lichen, VA 851366; Slættaratindur, on Porpidia, VA 851277; Hestur, on *P. soredizodes*, VA 85428; Gøta, on *Porpidia* sp., VA 69780; Kunoy 1897, on *P. cinereoatra*, Hartz & Ostenfeld. (1,2: *E. gemmifer*).

***E. rugulosus** Nyl. Lichenicolous fungus. On *Aspicilia lacustris*, Hoyvík, VA 851516. Indet. host, Víkarbyrgi, VA 851465.

***E. stigma** (Körber) Stizenb. Lichenicolous fungus. On *Acarospora smaragdula*, Gjov, GD.

Endococcus verrucosporus Alstrup sp. nov.

Pyrenomyces lichenicola. Perithecia immersa vel semi-immersa, dispersa, nigra, 100-150 µm diam. Excipulum circiter 15 µm crassum, pseudoparenchymati-cum, e circiter tribus stratis cellularum fuscarum formatum, circum ostiolum crassius.

Cavem interius pseudosclerenchymate pallido vestitum. Asci anguste clavati, 40 x 12 µm magni vel ultra (maturi nulli visi), octospori. Ascospores late ellipsoïdes, 1-septatae, 10-12 x 6.5-7.5 µm magnae, membranis cir-citer 0.5 µm crassis, verrucosis, fuscis.

Lichenicolous pyrenomycete. Perithecia immersed to semi-immersed, dispersed, black, 100-150 µm diam. Excipulum ca. 15 µm thick, of about 3 layers of pseudo-parenchymatic, brown cells, thicker around the ostiole. Cavity lined by pale pseudosclerenchymatic cells. Asci narrowly clavate, at least 40 x 12 µm (ripe asci not seen), 8-spored. Ascospores broadly ellipsoïd, 1-septate, with spore-wall c. 0.5 µm thick, verrucose, brown, 10-12 x 6.5-7.5 µm.

Holotypus: Faroe Islands, Suðuroy, lake Ryskivatn, SE-shore, on *Aspicilia lacustris*, 17 June 1985, Alstrup 851679 (C).

The present species differs from all other known species of *Endococcus* in having verrucose ascospores. The spore shape and size is close to *E. propinquus* (Triebel 1989, 56), a species not known on *Aspicilia*, but that species also has big-ger perithecia and thicker excipulum. The species is only known from the holotype.

****Ephebe hispidula*** (Ach.) Horwood. Common on rocks (5 coll.). (Probably included in *E. pubescens*: 1,2,33).

E. lanata (L.) Vainio. Common on moist rocks, 15 coll. (5; 11: *Bangia atrovirens*; 1,2,33; *E. pubescens* p.p.).

Epilichen scabrosus (Ach.) Clem. ex Hafellner. Very common on *Baeomyces*

rufus, 7 coll. (7; 2: *Karschia s.*).

****Farnoldia jurana*** (Schaerer) Hertel. Sandur, concrete, VA 851606.

****Fuscidea cyathoides*** (Ach.) V. Wirth & Vězda. Gjógv, on a boulder; Tórshavn, stone wall and exposed rocks, all GD.

F. gothoburgensis (H. Magn.) V. Wirth & Vězda. Hoyvík, VA 851522, 851527 (4: *Lecidea g.*).

****F. kochiana*** (Hepp) V. Wirth & Vězda. On rocks. Dam E of Vestmanna, VA 85-895; Hoyvík, VA 851308; Víkarbyrgi, VA 851469; riverbed N of Leynavatn, VA 851622.

****F. oculata*** Oberh. & V. Wirth. On rock. Slættaratindur, VA 851275. Tórshavn, GD.

****F. tenebrica*** (Nyl.) V. Wirth & Vězda. Hoyvík, on rock, VA 85718.

****Guignaria psoromoides*** (Borrer) Keissler. Lichenicolous fungus. On *Aspicilia lacustris*, Sandoy, 1867, Rostrup.

Gyalecta foveolaris (Ach.) Schaerer. In maritime grassland with *Silene acaulis*, *Thymus drucei*, *Plantago maritima*, *Armeria maritima*. S-end of Koltur, VA 85386; Í Botni, VA 85693. (1,2,33).

****G. jenensis*** (Batsch) Zahlbr. On tuff-layers in cliffs. At tunnel E of Leynavatn, VA 85337; at waterfall N of Leynavatn, VA 851565; Ljósá, at waterfall, VA 85612.

****Haematomma ochroleucum*** (Necker) Laundon var. *porphyrium* (Pers.) Laundon. On vertical, north-facing rocks and free-lying boulders. Toftavatn, VA 85824, 85843, GD.; W of Skopun, VA

851347, 851627. (2: *Haematomma ventosum*).

Hypogymnia physodes (L.) Nyl. Mostly on trees and lignum, 7 coll. Hvítanes, coastal rock, SS 6344-3. (10; 1,5,24,33,34: *Parmelia p.*; 12: *Lichen physodes*).

H. tubulosa (Schaerer) Havaas. On trees, more common than *H. physodes* in Tórshavn, and often fertile. The plantation in Tórshavn, VA 85638 and 85724, SS 6343-1; a grave-yard in Tórshavn, VA 85653. A street tree in Tórshavn, SS 6340-1. (10; 5: *Parmelia t.*; 32: *Parmelia physodes* var. *encausta*; 1,13,24: *P. encausta*; 33: *P. encausta* var. *multipuncta*).

***Ionaspis arctica** Lyngé. Akrar, at the coast, VA 85484; W of Gøta, VA 69780. (2: *Lecanora lacustris* p.p.).

***I. odora** (Schaerer) B. Stein. On rock, Ryskivatn, VA 85485.

***Koerberiella wimmeriana** (Körber) B. Stein. Common on moist rocks, mostly sterile, 12 coll.

Lasiosphaeriopsis cephalodiorum (Rostrup) Alstrup comb. nov.

Basionym: *Sphaeria cephalodiorum* Rostrup, Bot. Tidsskr. 4: 98, 1870. Holotype: Faroe Islands, Streymoy, Sandágerði, on *Amygdalaria pelobotryon!*, Aug. 1867, Rostrup (C). Rostrup gave the host as *Squamaria gelida*, and the identity of the species has been a mystery. Only a squash mounting with the name in Rostrup's handwriting was available, and it was not possible to find a fungus fitting the description on any specimen of *Placopsis*

gelida in C. However, some collections showed that Rostrup included *Amygdalaria pelobotryon* in *Placopsis gelida*, and the fungus was then found on a sample with both lichens present. The fungus is sitting on the cephalodia of the *Amygdalaria*, and it is without any doubt the holotype of *Sphaeria cephalodiorum* Rostrup. The perithecia are aggregated in a stroma, they are verruculose due to an uneven thickening of the excipulum, the ascii are cylindrical, 80-90 x 11-12 µm, 4-spored. The ascospores are uniseriate, 3-septate, each cell with a little pore, broadly ellipsoid, not constricted at septa, brown, 18-24 x (8-)9.5-10.5 µm.

Four other species of *Lasiosphaeriopsis* are known, three of them have much bigger spores, but *L. supersparsa* (Zopf) Triebel, known from *Porpidia zeoro-ides* in Italy, may be a synonym. However, both species are known only from the type collections, and it is not possible to settle the question before more collections have been studied. Zopf's species was published 1896, so in case of synonymy, Rostrup's name takes priority.

***L. salisburyi** D. Hawksw. & Sivan. A lichenicolous fungus on *Peltigera lactucifolia*, Hoyvík, VA 851335.

***L. stereocaulicola** (Lindsay) O. Eriksson & R. Sant. A lichenicolous fungus on *Stereocaulon vesuvianum*, Kunoy, Hartz & Ostenfeld 1897.

Lecania aipospila (Wahlenb.) Th. Fr. (2: *Lecanora aipospila*, *L. cyrtella* p. p.).

***L. baeomma** (Nyl.) P. James & Laundon. Syðrugøta, H&F 83336.

- L. cyrtella** (Ach.) Th. Fr. (10; 1: *Bilimbia cyrtella*; 2: *Lecanora c.* p.p.).
- ***L. erysibe** (Ach.) Mudd. On coastal rock, Velbastaður, VA 851592.ä Kirkjubømúrurin, on mortar, VA 851412. (2: *Lecanora cyrtella* p.p.).
- ***L. rabenhorstii** (Hepp) Arn. Stone fence, SE-coast of Hestur, VA 85427.
- ***L. suavis** (Müll. Arg.) Mig. On rock S of Dalur, VA 851489.
- ***Lecanora achariana** A. L. Sm. (1,2: *Squamaria cartilaginea* p.p.). Like many other species it does not belong in *Lecanora* s.s., its possible relationship to *Protoparmeliopsis* should be investigated.
- ***L. actophila** Wedd. Coastal rock, Velbastaður, VA 851582; Sandur, VA 851610. Dalá, H&F 83024. Skarvatangi, GD. (5; 2: *Lecanora subfusca* var. *atryna*, var. *lainea* p.p.; 1,2: *L. hageni* p.p.).
- ***L. albescens** (Hoffm.) Branth & Rostrup. Common on calcareous materials as concrete, 8 coll.
- ***L. campestris** (Schaerer) Hue. On rocks with calcareous materials. Koltur, VA 851325; Kirkjubømúrurin, VA 851417; W of Skopun, VA 851483b. Dalá, H&F 830-97, on basalt.
- L. carpinea** (L.) Vainio. On Acer in Tórshavn, VA 85736. On *Sorbus* in Tórshavn, Vestmanna and Kirkjubøur, GD. (10; 1: *L. subfusca* var. *albella*).
- ***L. cenisia** Ach. On rock, Slættaratindur, SW, 400 m, SS 6288-4.
- L. chlarotera** Nyl. On *Larix* and *Betula* in a garden at Dalur, VA 851551 and 851555; on *Salix* and *Acer*, Hvalvík, VA 85621 (10).
- L. conizaeoides** Nyl. ex Crombie. W of Skopun, on wood, VA 85677. Tórshavn, GD. (5,10).
- L. dispersa** (Pers.) Sommerf. Common on calcareous materials, 7 coll. (7: the photo, Fig. 8, does not show a typical material).
- ***L. epibryon** (Ach.) Ach. W of Skopun, on moss, VA 85752.
- L. frustulosa** (Dickson) Ach. On rocks, Slættaratindur, VA 851263; SW-coast of Hestur, VA 85401; Saksun, VA 85572. (2).
- L. fuscescens** (Sommerf.) Nyl. On *Empetrum*, Svínoy, VA 851719 (10).
- L. hagenii** (Ach.) Ach. Tórshavn. On a wooden fence post, GD. (1,2 p.p.).
- L. helicopis** (Wahlenb.) Ach. Tórshavn, GD. Kollafjørður, SS 6271-1. Tórshavn, SS 6342-3, 6348-2. (2: *L. hageni* p.p.; 4,5: *L. proseechoides*; 2: *Lecanora galactina* var. *deminuta*).
- L. intricata** (Ach.) Ach. Common on rocks, 18 coll. (4,5,7; 2: *L. polytropa* f. *intricata*).
- L. intumescens** (Rebent.) Rabenh. (10; 1,33: *L. subfusca* p.p.).
- L. jamesii** Laundon. Toftavatn, on *Calluna*, VA 85823; Selatrað, on *Juniperus*, VA 85802 (10).
- L. poliophaea** (Wahlenb.) Ach. Common on coastal rocks, 14 coll. (1,2,4,5).
- L. polytropa** (Hoffm.) Rabenh. Very common on rocks, 15 coll. (1,2,5,33; 24: *Lecanora varia* var. *polytropa*).
- L. salina** H. Magn. On coastal rocks, Viðareiði, Hartz 1897, and Tórshavn, Rostrup 1867. (22; 1,2: *L. hageni* p.p.).
- L. saxorum** H. Magn. (22, not seen).

L. straminea Ach. N of Streymnes, on bird stone, VA 85588. Tórshavn, GD. Eiðsvík, H&F 83398. The species does probably not belong to *Lecanora* s.s. (2,5: *Squamaria* s.; 2: *Squamaria cartilaginea* p.p., 1,33: *Placodium cartilagineum* p.p.).

***L. subcarnea** (Liljeblad) Ach. Vestmanna, SS 6259-5; Slættaratindur SW, 400 m, SS 6288-3; 2 km N Svínáir, SS 6317-2.

L. sulphurea (Hoffm.) Ach. Very common on rocks, 8 coll. (1,2,24).

L. symmicta (Ach.) Ach. Hoyvík, on bark of building timber, VA 85709; Svínoy, on *Empetrum*, VA 851717. Tórshavn, on *Pinus*, GD. (10).

***L. umbrina** (Ach.) Massal. On rock, Kirkjubøur, GD. (1,2: *L. hageni* p.p.).

L. umbrina f. **gregata** Harm. Lignum of *Salix*, Hvalvík (10).

***L. varia** (Hoffm.) Ach. W of Skopun, on a fence post, VA 85672.

***Lecidea aglaea** Sommerf. Dalá, H 35, without collector, 1983 (NSF). Tórshavn, GD.

***L. atrobrunnea** (DC.) Schaefer. N end of Borðoyarvík, GD.

***L. brachyspora** (Th. Fr.) Nyl. (2: *Lecidea auriculata*).

L. confluens (Weber) Ach. Common on rocks, 9 coll. (2,7,24,33; 1: *L. contigua* var. *confluens*).

***L. hypopta** Ach. Hvalvík, on *Salix salicifylla*, VA 85624.

L. lactea Flörke ex Schaefer (incl. *L. swartzioidea* Nyl.). Common on rock, 9 coll. (2: *L. polycarpa*, *L. lericida* p.p.,

Lecanora cinerea p.p.; 4: *L. pantherina*; 1,14: *L. theiodes*).

***L. lericida** (Ach.) Ach. On rock. Slættaratindur, SS 6288-2, 6290-2.

***L. leucothallina** Arn. On rock at river N of Leynavatn, VA 851615.

***L. lithophila** (Ach.) Ach. On rock. Borðoyarvík, GD.

***L. lithophiloides** Müll. Arg. On rock. Dalá, H&F 83041.

L. marginata Schaefer. On rocks. Svínoy, 500 m, VA 85748; Sornfelli 600 m, VA 851296. NE of Leynavatn, 500 m, VA 85762. (2: *Lecidea elata*).

***L. paupercula** Th. Fr. On rock. Slættaratindur, VA 851271; at river N of Leynavatn, VA 851616. Trongisvágur, GD.

L. phaeops Nyl. (2,5: *Lecanora phaeops*).

L. sarcogynoides Körber (1; 2: *L. erratica*).

Lecidella achristotera (Nyl.) Hertel & Leuckert. On *Sorbus* and *Acer* in Tórs-havn, VA 85633 and 85735. (10; 1: *Lecidea enteroleuca*?).

***L. carpathica** Körber. Common on rock, 8 coll. (2: *Lecidea parasema* var. *latypaea*, *Lecidea pycnocarpa*).

L. elaeochroma (Ach.) Choisy. Common on trees, 5 coll. (10; 5: *Lecidea e.*; 2: *Lecidea parasema*).

L. elaeochroma var. *flavicans* (Ach.) Hertel. On *Sorbus* at Selatrað, VA 8517-14. (10).

L. elaeochroma var. *soralifera* (Erichsen) Clauzade & Roux, on *Acer* in Tórs-havn, VA 85730 (10).

***L. euphorea** (Flörke) Hertel. On a wood-

- en fence post W of Skopun, VA 85673.
- L. scabra** (Taylor) Hertel & Leuckert. On rocks. W of Skopun, VA 851352; W of Böur, VA 851403. Tórshavn, GD. (7; 5: *Lecidea s.*).
- L. stigmata** (Ach.) Hertel & Leuckert. Very common on rocks, 11 coll. (1,2: *Lecidea parasema* var. *latypea* p.p.; 2: *L. parasema* var. *pilularis* p.p.; 2: *Lecidea plana*, *L. lapicida* p.p.).
- ***L. subincongrua** (Nyl.) Hertel & Leuckert. On rock, W of Skopun, VA 851344. Dalá, H&F 83072, 83191.
- ***Lempholemma myriococcum** (Ach.) Th. Fr. In ravine, Hestur, VA 85424. Vestmanna, near Vestmanna Gjógv, GD.
- ***Lepraria incana** (L.) Ach. Very common. K-, C-, KC-, P-.
- ***L. neglecta** sensu Vainio. Very common, mostly K-, C-, KC-, P+y. S-end of Sandoy, VA 851661: K+y, C-, KC-, P-. Göte Gjogv, VA 69724: K+y, C-, KC-, P+o.
- L. sp.** K+ yellow, C-, KC-, P+ yellow. Common. (10: *Lepraria aeruginosa*; 4,5: *Crocynia membranacea* p.p.).
- Leproloma membranacea** (Dickson) Vainio. Kirkjubømúrurin, VA 851418; W of Skopun, VA 851349. (4,5: *Crocynia membranacea* p.p.).
- ***L. vouauxii** (Hue) Laundon. W of Skopun, VA 851349.
- Leptogium cyanescens** (Rabenh.) Körber. In ravines; SW-coast of Hestur, VA 85421; NW of Velbastaður, VA 85774; Vestmanna, Feilberg 1867 (with *Sticta fuliginosa*). (5).
- L. gelatinosum** (With.) Laundon. In moss, 3 coll. (1,2: *L. scotinum*; 5: *L. sinuatum*).
- L. lichenoides** (L.) Zahlbr. Very common in moss, 12 coll. (5,6; 1,2,24: *L. lacerum*; 1: *L. lacerum* var. *pulvinatum*).
- ***L. saturninum** (Dickson) Nyl. Kolla-fjørður, SS-6272-1.
- L. tenuissimum** (Dickson) Körber. (1,2,5: *L. subtile*).
- ***Lichenoconium usneae** (Anzi) D. Hawksw. Lichenicolous fungus on *Parmelia om-phalodes*, Toftavatn, VA 85852.
- Lichina confinis** (O. F. Müll.) C. A. Ag. Common along the coast, submers, 7 coll. (1,2,5,33; 11: *Gelidium pygmaeum*).
- ***Lichinodium sirosiphoides** Nyl. At Skarvatangi, on *Lepraria* sp., GD.
- Lobaria amplissima** (Scop.) Forss. (2: *Sticta amplissima*).
- L. pulmonaria** (L.) Hoffm. (2: *Sticta pulmonaria*)
- L. virens** (With.) Laundon (5: *L. laetevirens*; 1,2,33: *Sticta herbacea*).
- ***Loxospora elatina** (Ach.) Massal. On *Pinus montana*, Tórshavn, GD.
- Massalongia carnosa** (Dickson) Körber. Common on moss, 7 coll. (7; 1,2: *Leptogium saturninum*).
- Melanelia fuliginosa** (Duby) Essl. On rock. Søltuvík, VA 85685. (1,32,33: *Parmelia olivacea*; 2: *P. olivacea* var. *fuliginosa*; 5. *P. glabratula* var. *f.*).
- M. glabratula** (Lamy) Essl. On trees in Tórshavn, VA 85645, 85726. (10: *Parmelia* g.).
- M. subaurifera** (Nyl.) Essl. On *Pinus* and *Sorbus* in plantation at Selatrað. (10: *Parmelia* s.).
- ***Melaspilea subarenacea** Nowak &

Kiszka. On dolerite, Suðuroy, 8/1867, Rostrup (1: *Arthonia* sp., in a collection named *Bacidia inundata* (= *Scoliciosporum umbrinum*).

***Micarea botryoides** (Nyl.) Coppins. Toftavatn, on moss, SS 6299-3.

***M. incrassata** Hedl. On soil, S-end Sandoy, top of cliff, VA 851677. (2: *Lecidea assimilata*; 1: *Lecidea alpestris* p.p.)

M. lignaria (Ach.) Hedl. Very common on debris, 45 coll. (10; 1: *Bilimbia sabuletorum* var. *millaria* p.p.; 2: *B. millaria* p.p.).

***M. melaena** (Nyl.) Hedl. Ryskivatn, VA 85466.

***M. nitschkeana** (Lahm ex Rabenh.) Harm. Toftavatn, on *Calluna*, Rostrup 1867. (1: *Bilimbia sabuletorum* var. *millaria* p.p.; 2: *B. millaria* p.p.).

Micarea paratropa (Nyl.) Alstrup comb. nov.

Basionym: *Lecidea paratropa* Nyl. in Flora 52: 84, 1869. Syn.: *Micarea subviosascens* (H. Magn.) Coppins.

On rock. 1 km W of Kvívík, SS 6248-1 and 6254-3. (1,30: *Lecidea paratropa*).

One sheet with 3 envelopes marked type is found in C. 2 envelopes are from Glyvursnes and 1 from Vardebakke. Neither Nylander (1869) nor Rostrup (1870) designated a holotype; the top specimen from Glyvursnes is the biggest and best preserved, and is here selected as lectotype. A specimen in H-Nyl (15-627) has the name written in pencil, apparently not by Nylander, and it represents a different species. It is not marked as a type.

The original description gives the hypothecium as brown, but it is purplish giving a purplish solution with K. The thallus does not react with K although the protologue said it to become yellow. Deichmann Branth also investigated the type and wrote "Species notha. Revera Lec. laticidae. Hydr. kal. thallus non flavescit, ut afficit Nyl.", and he did not accept the species. The yellow colour seen by Nylander probably came from bluegreens growing between the areoles.

M. prasina Fr. Base of *Larix* and on moss, Tórshavn, VA 85649 and 85650. (10).

Micarea subconfusa (Nyl.) Alstrup comb. nov.

Basionym: *Lecidea subconfusa* Nyl., Flora 52(6): 84, 1869.

Holotype: Faeroe, Stroemoe, legit. Rostrup (C). Two specimens are found in C. One specimen is glued to a paper marked with Rostrup's handwriting: *Lecidea subconfusa* Nyl., Torshavn, Rostrup 8/67 and in red ink: specimen primarium a Rostrup Nylandro missum. As Tórshavn is a town situated on the island Streymoy there is no discrepancy about the localities mentioned in the description and on the specimen. The other specimen is found in an envelope marked "*Lecidea subconfusa* n. sp. (Nyl. in litt.) Thorshavn Færøerne 8/67 E. Rostrup". The two specimens seem to originate from the same collection, and Rostrup probably divided the collection and sent only a part of it to Nylander.

The apothecia have an excluded excipu-

lum of radiating hyphae, ascii with an amyloid tholus and "fuzzy coat", 8 non-septate ascospores c. 8 x 3.5 µm, both slender and stout conglutinated paraphyses, and the algae are c. 7-8 µm diam. The thallus is epilithic, areolate, rather thick, greyish but overgrown by free-living algae. It is apparently close to *M. lutulata*, which differs especially in thallus characters. *M. submoestula* (Nyl.) Coppius is probably a later synonym.

****M. ternaria*** (Nyl.) Vězda. On turf, Toftavatn, VA 85846. Possibly a chemical strain of *M. lignaria*.

****M. viridiatra*** Coppins. NE Leynavatn, VA 85316. Previously known only from the Scottish mountains.

Moelleropsis nebulosa (Hoffm.) Gyelnik. (1,2,33: *Pannaria n.*).

****Muellerella lichenicola*** (Sommerf.) D. Hawksw. A lichenicolous fungus on *Lecanora intricata*, Víkarbyrgi, VA 851466 (with *Dactylospora parellaria*) and Tórshavn, GD. On *Porpidia speirea*, Toftavatn, GD.

M. pygmaea (Körber) D. Hawksw. A lichenicolous fungus on *Aspicilia caesiocinerea*, Kollafjørður, SS 6277-2. On *Protoparmelia badia*, Trælavatn, VA 69-763. On *Porpidia flavocaerulescens*, W of Bøur, VA 851550. (1,2: *Endococcus erraticus*).

Mycobilimbia berengeriana (Massal.) Hafellner & V. Wirth. S-end of Sandoy, on top of cliff, calcareous soil, VA 851669; SW coast Hestur, VA 85426; Koltur, VA 85388. (1: *Lecidea miscella*; 2: *Biatora b.*).

M. hypnorum (Libert) Kalb & Hafellner. Í Botni, on turf, VA 85694. Ljósá, GD. (1: *Lecidea sanguineo-atra*; 2: *Biatora s-a.*).

****M. lobulata*** (Sommerf.) Hafellner. Leynavatn, 24 June 1985, SS 6270-4.

M. sabuletorum (Schreber) Hafellner. On plant remains, at Leynavatn, VA 85342. (1,2: *Bilimbia s.*).

****Mycoblastus alpinus*** (Fr.) Kernst. On lignum, Tórshavn, GD.

Neofuscelia pulla (Ach.) Essl. (1,2: *P. olivacea* var. *prolixa*).

Nephroma laevigatum Ach. (1,6; 2,5: *N. lusitanicum* incl. var. *hibernicum*).

N. resupinatum (L.) Ach. (5; 2: *N. tomentosum*).

****Ochrolechia androgynae*** (Hoffm.) Arn. W of Kvívík, SS-6253-2; Slættarindur, SW, 400 m, SS-6280-3; Toftavatn, SS-6337-3.

****O. arborea*** (Kreyer) Almborn. On *Sorbus intermedia*, Tórshavn, GD.

****O. frigida*** (Swartz) Lyngé. Very common on plant debris, 14 coll. (2: *Lecanora tartarea* f. *grandinosa*).

O. pallescens (L.) Massal. On *Sorbus* in Tórshavn, VA 85635. Toftavatn, SS 6337-2. (10; 32: *Parmelia pallescens*).

O. parella (L.) Ach. Very common on rocks, 15 coll. (5; 1,2,4,24: *Lecanora p.*; 33: *Lecanora pallescens* var. *parella*; 32: *Parmelia pallescens* var. *parella*).

O. tartarea (L.) Massal. Very common on rocks, 14 coll. (5; 1,2,4,24,33: *Lecanora t.*; 2: *Lecanora sordida* f. *subcarnea*; 12: *Lichen tartareus*; 32: *Parmelia tartarea*).

Omphalina alpina (Britz.) Bresinsky &

- Stangl. Common in heathlands, 8 coll. (60: *O. flava*).
O. hudsoniana (Jenn.) Bigel. Common in heathlands. (1,2: *Normandina laetevirens*).
O. umbellifera (L.: Fr.) Quél. Common in heathlands, 8 coll. (60; 60: *O. pseudoandrosacea*).
***Opegrapha abscondita** Th. Fr. On rock, Toftavatn, VA 85856.
O. atra Pers. (1,10,33).
O. calcarea Turner. ex Sm. On mortar and basalt stone, Kirkjubøur, VA 851-414, 8414166. S-end of Sandoy, VA 851348. Saksun, VA 85582. (1,2: *Opegrapha atra* var./f. *virescens*; 2: *O. atra* var. *calcarea*).
***O. gyrocarpa** Flotow. Very common on rocks, 15 coll.
O. lithyrga Ach. (2: *O. vulgata* f. *lithyrga*).
O. multipuncta Coppins & P. James. Common on trees and plant materials, 6 coll. (10).
***Ophioparma ventosa** (L.) Norman var. *lapponicum* (Räs.) Lyngé. Toftavatn, VA 85824.
Pannaria hookeri (Borrer ex Sm.) Nyl. Very common on rocks, 9 coll. (2,5,36; 1: *P. leucolepis*; 33: *P. hookeri* b. *leucolepis*).
P. leucophaea (Vahl) P. M. Jørg. Common on rocks, 15 coll. (1,2,33: *P. microphylala*).
P. pezizoides (Weber) Trev. Very common on moss and turf, 22 coll. (5; 1,2, 33: *P. brunnea*; 1: *P. brunnea* var. *demissa*).
Parmelia omphalodes (L.) Ach. ssp. **omphalodes**. Very common on rocks and also on trees, 32 coll. (44; 4,5,6,32: *P. omphalodes*; 1,2,24,33: *P. saxatilis* var. o.; 12: *Lichen omphalodes*; 5: *P. o.* var. *caesia*).
***P. omphalodes** ssp. **pinnatifida** (Kurok.) Skult. Akslen ved Fámjin, Feilberg & Rostrup 1867 (1,2: *P. saxatilis* var. *paniformis*).
P. saxatilis (L.) Ach. Very common on rocks, also trees. (1,2,4,5,6,7,10,24, 32,33; 12: *Lichen saxatilis*).
P. sulcata Taylor. Common on sunny rocks and on a wooden fence post, 6 coll. (5,10).
Parmotrema crinitum (Ach.) Choisy. (1,2: *Parmelia saxatilis* var. *laevis*; 6: *Cetraria glauca*).
Peltigera aphthosa (L.) Willd. In heathlands. NE Leynavatn, not coll. Oknadalur, VA 85506. Kollur, H&F 83210. (1,2,3,5,6,8,24,32,33; 4: *Peltidea aphthosa* p.p.; 12: *Lichen aphthosus*).
***P. britannica** (Gyelnik) Holtan-Hartwig & Tønsberg. Common in heathland. (4, 8,18: *P. aphthosa* p.p.).
P. canina (L.) Willd. Very common, 23 coll. (1,2,3,4,6,8,10,24,32,33,43; 12: *Lichen caninus*).
***P. elizabethae** Gyelnik. SW-coast of Hestur, in ravine, VA 85418, 85419; Dam E of Vestmanna, VA 85891; N of Skálavík, VA 851392.
P. lactucifolia (With.) Laundon. Very common, 20 coll. (8; 1,2,4,6,32,43: *P. polydactyla* p.p.; 5: *P. polydactyla* var. *polydactyloides*).
P. leucophlebia (Nyl.) Gyelnik. Ryskivatn, VA 85455, Toftavatn, VA 85837. (8; 1,2,4,6: *P. aphthosa* p.p.; 4: *Peltidea aphthosa* p.p.).

- ***P. malacea** (Ach.) Funck. Gjov, SS 6322-5. (4: *P. polydactyla* p.p. (Fámjin, NSF)).
- P. membranacea** (Ach.) Nyl. Very common in heathlands, 21 coll. 8; 1,2,6: *P. canina* p.p.; 6: *P. rufescens* p.p.).
- P. neckeri** Müll. Arg. Hoyvík, VA 851527. (8; 6: *P. polydactyla* p.p.).
- P. polydactyla** (Necker) Hoffm. Saksun, VA 85511; E of Vestmanna, VA 85357. (1,2,3,5,8,24,32,33 p.p.).
- P. praetextata** (Flörke ex Sommerf.) Zopf. Very common in heathlands, 5 coll. (5,6,8; 2: *P. canina* p.p.).
- P. rufescens** (Weiss) Humb. Common in sunny places, 5 coll. (4,6,8; 1,2,3: *P. canina* var. *rufescens*).
- P. venosa** (L.) Hoffm. (1,2,3,8,24,32,33).
- ***Pertusaria chiodectonoides** Bagl. ex Massal. On rock, S-end of Sandoy, VA 851668.
- P. corallina** (L.) Arn. On rock. Leirvík 450 m, VA 69678; Hoyvík, VA 851541; S-end of Sandoy, VA 851653. Tórshavn, GD. Dalá, H&F 83318. Toftavatn, SS 63-31-3. (7; 24: *Isidium corallinum*).
- ***P. dactylina** (Ach.) Nyl. Sornfelli, on moss, VA 851328.
- ***P. dealbescens** Erichsen. 1 km W of Kvívík, SS 6269-1; Langasandur, SS 63-13-2; 2 km N of Svínáir, SS 6320-1; Toftavatn, SS 6337-3.
- ***P. flavicans** Lamy. On rock. W of Skopun, VA 851346, SE coast of Hestur, VA 861684.
- P. lactea** (L.) Arn. Common on rocks, 19 coll. (5).
- ***P. leucosora** Nyl. Common, 5 coll. Th: P+ brown-red, med.: K+ y.
- P. oculata** (Dickson) Th. Fr. Common on plant debris, 12 coll. (2: *Lecanora oculata*).
- ***P. pseudocorallina** (Liljeblad) Arn. On rock. S-end of Sandoy, VA 851662. Tórshavn, GD.
- P. xanthostoma** (Sommerf.) Fr. Viðareiði, on moss and *Calluna*, VA 69817. (2, 10,17).
- Phaeophyscia orbicularis** (Necker) Moberg. Leirvík, the old school, VA 69806a. Dalá, H&F 83261, 83258. (5: *Physcia o.*).
- P. sciastra** (Ach.) Moberg. On rock. N of Streymnes, VA 85593, Velbastaður, VA 851589. (5: *Physcia s.*).
- ***Phaeospora rimusicola** (Leighton ex Mudd) Hepp. A lichenicolous fungus. On unknown host, Slættaratindur, VA 851273. On *Porpidia* sp., Slættaratindur, GD.
- ***Pharcidia epiramalina** Vouaux. Lichenicolous fungus on *Ramalina*, Nes, Røstrup 1867. The species was only known from the Canary Islands.
- ***P. rivulorum** (Kernst.) Sacc. Lichenicolous fungus, parasitic on *Polyblastia cruenta*, Suðuroy, Oyrnafjall, Røstrup 1867. The ascospores are hyaline, with rounded ends and constricted at the septum, c. 13 x 7 µm, and it is therefore supposed to belong to this species otherwise known from Austria on *Verrucaria hydrela* and *Staurothele fissa*.
- ***Physcia adscendens** (Fr.) H. Oliv. On twig, Velbastaður 851696. (2: *P. stellaris* var. *leptalea* p.p.; 1: *P. stellaris* p.p.).
- P. aipolia** (Ehrh. ex Humb.) Fürnr. (1: *P.*

- stellaris* p.p. 2: *P. stellaris* p. p. incl. var. *aiopolia*).
P. caesia (Hoffm.) Fürnr. Common on rocks, 13 coll.; 1 coll. on wood. (1, 5, 33; 2: *P. stellaris* var. *caesia*).
P. dubia (Hoffm.) Lettau. On Acer on Svínoy, VA 85738; *Larix* and *Betula* at Dalur, VA 851551, 851556. (5, 6, 10; 2: *P. stellaris* p.p.).
P. tenella (Scop.) DC. On *larix* at Dalur, VA 851552. (10; 2: *P. stellaris* p. p.).
P. tenella var. **marina** (Nyl.) Lyngé. Common on coastal rocks, 11 coll. (5; 1: *Physcia caesia* var. *leptalea*; 2: *P. stellaris* var. *leptalea*).
Physconia muscigena (Ach.) Poelt. Near Toftavatn, Hartz 1897. (2: *Physcia pulverulenta* var. *muscigena*).
Pilophorus cereolus (Ach.) Th. Fr. Overhanging rock, Sornfelli, VA 851429. (1: *Stereocaulon cereolinum*, Sandágerði p.p.).
P. dovrensis (Nyl.) Timdal, Hertel & Rambold. Sornfelli, 675 m, on rock, VA 851434. (3; 1: *Lecidea d.* p.p.; 2: *Lecidea alpestris* p.p.).
***P. strumaticus** Nyl. ex Crombie. (1: *Stereocaulon cereolinum*, Sandagerði p., Nólsoy).
Placopsis gelida (L.) Lindsay. Very common on rocks, 13 coll. (4, 5; 12: *Lichen heclæ*; 1, 2, 24: *Squamaria gelida*; 32: *Parmelia g.*; 33: *Placodium gelidum*).
***Placynthiella icmalea** (Ach.) Coppins & P. James. On soil in ravine, Götugjógv, VA 69750; Toftavatn, SS 6299-2.
P. uliginosa (Schrader) Coppins & P. James. On soil in *Calluna*-heath, Hoyvík, VA 851539. Syðrugóta, H&F 83116. (2: *Biatora u.*).
***Placynthium asperellum** (Ach.) Trev. On rock. Saksun, VA 69645; Leynavatn, VA 851369, 851571; S-end of Sandoy, VA 851664; Ljósá, VA 85619.
***P. pannariellum** (Nyl.) H. Magn. On rock. Leynavatn, VA 851377, 851703; Víkarbyrgi, VA 851460.
Platismatia glauca (L.) Culb. & C. Culb. On rock in protected places. Hestur, VA 85438, 85448; on *Picea* in Tórshavn, VA 85637; Kirkjubøur, SS 63-43-2. (10; 5: *Cetraria g.*).
***Plectocarpon lichenum** (Sommerf.) D. Hawksw. Lichenicolous fungus on *Lobaria amplissima*, Toftavatn, Hartz & Ostenfeld 1897.
***Polyblastia cruenta** (Körber) P. James & Swinscow. On rocks. Overhanging rock, Sornfelli, VA 851430, 851435, 851442; Hoyvík, VA 851512; N of Skálavík, VA 851397; Víkarbyrgi, VA 851470. (1, 2 p.p.: *Polyblastia terrestris*).
P. cupularis Massal. On tuff, Slættar-tindur, VA 851264. Middagsfjall, GD. (1, 2, 4: *P. intercedens*).
P. helvetica Th. Fr. Ryskivatn, VA 85461. (2; 17: *Amphoroblastia helvetica* ssp. *faeroensis*; 4: *Icmadophila ericetorum* (NSF)).
***P. melaspora** (Taylor) Zahlbr. S-facing rock, Leynavatn, VA 851373.
P. terrestris Th. Fr. (2 p.p.).
P. theleodes (Sommerf.) Th. Fr. Common on rock, 7 coll. (1, 2).
Polychidium muscicola (Swartz) S.F. Gray. Common in moss, 7 coll. (2, 33; 1: *Leptogium m.*).
***Polycoccus galligenum** Vězda. Licheni-

- colous fungus on *Physcia tenella*, Ak-rar, VA 85483.
- P. gelidarium** (Mudd) D. Hawksw. Lichenicolous fungus on *Placopsis gelida*. (18; 1: *Sphaeria gelidaria*).
- ***P. microsticticum** (Leighton) Arn. Lichenicolous fungus. On *Amygdalaria pelobotryon*, Middagsfjall, GD (with *Dactylospora purpurascens*).
- ***P. trypethelioides** (Th. Fr.) R. Sant. Lichenicolous fungus. On *Stereocaulon condensatum*, N of Leynavatn, VA 85323a. On *S. rivulorum*, Vestmanna, VA 858-94.
- ***Polysporina lapponica** (Ach. ex Schaerer) Degel. On rock, Svínoy, VA 851652.
- Porina aenea** (Wallr.) Zahlbr. On trees. Unknown tree, *Salix* and *Acer* in Tórshavn, VA 85644, 85652 and 85732. *Sorbus* at Vestmanna, GD. (10).
- P. chlorotica** (Ach.) Müll. Arg. On stone, river-bed N of Leynavatn, VA 8516-24. (1: *Segestrella c.*; 2: *Sagedia c.*). A sample from Toftavatn collected by Degelius may belong here. The ascospores are 1-septate, 12-16 x 5 µm, but perhaps not mature.
- P. grandis** (Körber) Zahlbr. On tuff at Leynavatn, VA 851567. (1: *Segestrella g.*; 2: *Sagedia g.*).
- ***P. guentheri** (Flotow) Zahlbr. On rock at stream, Hoyvík, VA 851311.
- P. lectissima** (Fr.) Zahlbr. On rock in moist places. Ravine N of Leynavatn, VA 85306; Víkarbyrgi, VA 85488; mountain slope with seeping water, Leynavatn, VA 851365. (2: *Sagedia l.*).
- ***Porpidia cinereoatra** (Ach.) Hertel & Knoph. Very common on rocks, 7 coll. (2: *Lecidea contigua* incl. f. *crustulata* and f. *cyanothalma* p.p., *Lecidea lithophila* p.p.).
- P. crustulata** (Ach.) Hertel & Knoph. Very common on rocks, 14 coll. (2: *Lecidea contigua* var. *crustulata* and var. *cyanothalma* p.p., *Lecidea lithophila* p.p.).
- P. flavocaerulescens** (Hornem.) Hertel & Schwab. Very common on rocks, 18 coll. (7: *Hulia f.*; 5: *Lecidea f.* var. *ochracea*; 1,2: *Lecidea contigua* f. *flavicunda*).
- ***P. glaucophaea** (Körber) Hertel & Knoph. On wet rocks. Toftavatn, VA 85857; Sornfelli, VA 851342; Hoyvík, VA 851534; Hestur, VA 851685.
- P. hydrophila** (Fr.) Hertel & Schwab. 1 km W of Kvívík, SS 6255-3; Slættaratindur, SW, 400 m, SS 6281-2. (4: *Lecidea h.*; 1: *L. platycarpa* var. *cyanothalamia*; 2: *L. contigua* var. *cyanothalamia* p.p.).
- P. macrocarpa** (DC.) Hertel & Schwab. Very common on rocks, 24 coll. (4: *Hulia m.*; 4: *Lecidea m.*; 1: *L. platycarpa* p.p.; 2: *L. contigua* p.p.).
- ***P. nigrocruenta** (Anzi) Diederich & Serusiaux. On rock. Leirvík, 450 m, VA 69674. W of Skopun, VA 851363.
- ***P. pseudomelinodes** Schwab. Slættaratindur, 700 m, rock, VA 851262.
- ***P. soredizodes** (Lamy ex. Nyl.) Laundon. E of Leynavatn, VA 85332. Migandsá, N of Skálavík, VA 851398. Middagsfjall, GD. (1: *Lecidea contigua* p.p.).
- P. speirea** (Ach.) Krempelh. On rock. Saksun, VA 85577; Hoyvík, VA 85712; Borðoyarvík, GD.; Toftavatn, GD. (2: *Lecidea s.*; 1: *L. contigua* p.p., Nólsoy).
- ***P. superba** (Körber) Hertel & Knoph.

- Oknadalur, VA 85497. (1: *Lecidea platycarpa* p.p.).
- P. tuberculosa** (Sm.) Hertel & Knoph. Common on rock, 8 coll. (4: *Lecidea sorrediza*).
- ***P. zeoroides** (Anzi) Knoph & Hertel. Klaksvík, mountain E of town, at waterfall, alt. c. 50 m, GD. (2: *Lecidea lithophila* p.p.)
- ***Protoblastenia siebenhaariana** (Körber) J. Stein. (incl. *P. terricola* (Anzi) Lyngé). S-facing rock N of Leynavatn, tuff, VA 851367; at river N of Leynavatn, VA 851612; at tunnel at Leynavatn, VA 85343.
- Protoparmelia badia** (Hoffm.) Hafellner. Very common on rocks, 8 coll. (2,7, 24: *Lecanora b.*).
- Protoparmeliopsis muralis** (Schreb.) Choisy. Common on sunny rocks, 12 coll. (4: *Squamaria m.*; 1,2: *S. cartilaginea* p.p.; 2: *S. chrysoleuca*).
- ***Protothelenella sphinctrinoides** (Nyl.) Mayrh. & Poelt. Sornfelli, on moss, VA 85871.
- ***Pseudephebe minuscula** (Nyl. ex Arn.) Brodo & D. Hawksw. Strømø, Vardebakken, Hartz & Ostenfeld; Reynsatindur, Hartz & Ostenfeld (2: *Parmelia lanata* p.p.). The distinction from *P. pubescens* is difficult in the area. More specimens may belong here.
- P. pubescens** (L.) Choisy. Common on rocks. (5,6: *Alectoria p.*; 1,2,24,33: *Parmelia lanata*; 32: *P. stygia* var. *lanata*, 33: *P. stygia*; 1: *Alectoria jubata* p.p.).
- Pseudevernia furfuracea** (L.) Zopf. On *Pinus*, Selatrað, VA 85794. Kirkjubøur, SS 6343-3. (10; 1,13,32,33: *Evernia furfuracea*; 12: *Lichen furfuraceus*).
- Pseudocyphellaria intricata** (Del.) Vainio. (5: *P. thouarsii*; 17: *P. thouarsii* var. *intricata*).
- Psoroma hypnorum** (Vahl) S.F. Gray. Common in heathlands, 3 coll. (4; 1: incl. var. *palaceum* and var. *femsjoensis*; 2,33: *Lecanora h.*; 32: *Parmelia muscorum*; 24: *Pannaria muscorum*).
- ***Pyrenidium actinellum** Nyl. Lichenicolous fungus. SW coast of Hestur, on *Psoroma hypnorum*, VA 85395. (1: *Buellia sociella* p.p., Froðba, on *Pannaria pezizoides* and *Cladonia squamules*).
- ***Pyrenocollema halodytes** (Nyl.) R. C. Harris. On rock, Tórshavn, GD.
- Pyrenopsis granatina* (Sommerf.) Nyl. (1,2).
- ***Pyrenopsis pulvinata** (Schaerer) Th. Fr. Sornfelli, VA 85877, 851335.
- Ramalina cuspidata** (Ach.) Nyl. Very common on coastal rocks, 34 coll. (48; 17,45: *R. atlantica* p.p.; 1,2,4,16,-24,32,33: *R. scopulorum* p.p.; 5,16,46: *R. curnowii*).
- ***R. farinacea** (L.) Ach. On *Acer* in Tórshavn, VA 85727.
- ***R. cfr. obtusata** (Arn.) Bitter. W of Skopun, VA 851362, without soralia and apothecia, medulla hollow, upper and lower cortex splitting.
- ***R. pollinaria** (Westr.) Ach. On rock. Toftavatn, VA 85818.
- ***R. polymorpha** (Ach.) Ach. Víkarbyrgi, VA 85493, 851463.
- R. siliquosa** (Huds.) A.L. Sm. On coastal

Mikrosp.: Prosporangat i. Hyphae

Sphoria ventosa!

Sporocarp attached to (Spongisorpore
adjecta!) soft tissue of Lecot
of Plaxid. gelid. Nolia 767

Sparav 00000

Diam. 0,010 - 0,012 mm

2

Fig. 2. The envelope containing the type species of *Sphaeria ventosa* Rostrup (= *Roselliniopsis ventosa*), with his comments and drawing of the ascospores.

rocks. (5,6; 1,4: *R. scopulorum*; 45: *R. atlantica* p.p.).

R. subfarinacea (Nyl. ex Crombie) Nyl.
Very common on coastal rocks and on a
tree, 26 coll. (4,6,48; 5,10: *R. farinacea*

var. *subfarinacea*; 1: *R. scopulorum* f. *farinacea*).

***Refractohilum peltigerae** (Keissler) D. Hawksw. Lichenicolous fungus on *Peltigera leucophlebia*, Toftavatn, VA 85837.

Rhagadostoma lichenicola (de Not.)
Keissler. Lichenicolous fungus. Hoyvík,
parasitic on *Peltigera membranacea*, VA
851422. (3,5; 1: *R. corrugatum*).

Rhizocarpon radioatum (Flörke ex Sprengel) Th. Fr. Velbastaður, VA 851579. Kirkjuböur, GD. (1,2: *Buellia radioatra*; 2: *B. chlorospora* p.p.).

***R. concentricum** (Davies) Beltram.
Slættaratindur, SW, 400 m, SS 6290-3; 2
km N of Svínáir, SS 6320-3.

- SW, 400 m, SS- 6288-1. Vestmanna, W of town, SS 6260-4.
- ***R. ferax** H. Magn. Leirvík 450 and 600 m alt., VA 69679, 69694.
- R. geographicum** (L.) DC. Very common on rocks, 19 coll. (5,33; 1,2: *Buellia* g.; 12: *Lichen* g.; 24: *Lecidea* g.; 39: *R. tinei* ssp. *prospectans* and ssp. *vulgare*).
- ***R. hochstetteri** (Körber) Vainio. On rock. Sornfelli, VA 851445. Klaksvík and Vestmanna, GD. Slættaratindur, SS 6281-1. (1: *Buellia coeruleo-alba*).
- ***R. intermediellum** Räs. S-end of Sandoy, on top of cliff, VA 851667.
- ***R. lavatum** (Fr.) Hazsl. Common on moist rocks, 9 coll. (7; 1,2: *Buellia petraea*; 2: *B. chlorospora* p.p., *B. petraea* p.p., *B. calcarea*).
- R. obscuratum** (Ach.) Massal. Common on rock, 9 coll. (2: *Buellia petraea* p.p.; 2: *Buellia amphibia*; 1: *Buellia petraea* f. *dendritica*).
- R. oederi** (Weber) Körber (33; 1,2: *Buellia oederi*).
- ***R. polycarpum** (Hepp) Th. Fr. Leynavatn, at tunnel, SS 6269-6.
- ***R. subgeminatum** Eitner. On rock, Saksun, VA 85573.
- Rhopalospora lugubris** (Sommerf.) Poelt (2: *Bilimbia caudata*).
- ***Rinodina cacuminum** (Th. Fr.) Malme. Coastal rock, Velbastaður, VA 851581.
- R. exigua** (Ach.) S.F. Gray. Tvøroyri, on *Sorbus intermedia*, GD. (1: *R. sophodes* var. *demissa*; 2: *R. sophodes* var. *exigua* p.p.).
- R. gennarii** Bagl. Coastal stone, Sandur 851611; Velbastaður, VA 851585.ä Eiðsvík, H&F 83047. Tórshavn, SS 6342-5. (23,40; 5: *R. salina*).
- ***R. luridescens** (Anzi) Arn. Coastal rock, Velbastaður, VA 851590.
- ***R. olivaceobrunnea** Dodge & Baker. On soil, Svínøy, VA 85604.
- R. turfacea** (Wahlenb.) Körber (1,2,33). **Roselliniopsis ventosa** (Rostrup) Alstrup comb. nov.
Basionym: *Sphaeria ventosa* Rostrup, Botanisk Tidsskrift 4: 97, 1870.

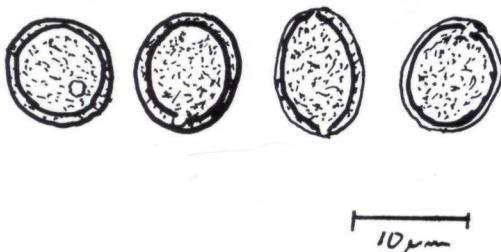


Fig. 3. Ascospores of *Roselliniopsis ventosa* in lactophenol-cottonblue showing apical germ-pores.

Only one aquash preparation of the holotype of *Sphaeria ventosa* was found in C. It was mounted in glycerine between 2 thick pieces of glass. It was in an envelope with Rostrup's handwriting and a drawing of the spores, which are subglobose, non-septate, 10-12 µm diam. It is marked "Sporeapparatet af (*Sphaerospora rugosa*!) *Sphaeria ventosa*! på løvet af *Placod. gelid.* Nålsø 7/67." Fig. 2. The material in the mounting was carefully transferred to a modern object glass and mounted in lactophenol-cottonblue. The ascospores then

showed distinct apical germ-pores, fig. 3. The other specimens cited below have the same type of ascospores, the perithecia are semi-immersed, and a superficial mycelium is not seen.

The present species resembles *Synaptopsora tartaricola* (Nyl. ex Leighton) Cain in many respects. *Synaptopsora tartaricola* was described from the British Isles, Wales. It was found on *Ochrolechia tartarea*. Hughes 1951 (51) studied a collection in K which bears a date different from the date given in the original description, while Matzer & Hafellner 1990 (54) studied a collection in H-Nyl, probably the same as the collection seen by Nylander. Both claim to have studied the type collection. Leighton 1870 (53) says that Nylander, after studying the species, asked him (Leighton) to figure and describe it under the name *Sphaeria tartaricola*, Nyl. Although Nylander decided the name, the description was made by Leighton, and the type species is the collection Leighton used for figuring and description, and that is probably the collection in K, and not that in H-Nyl. The two collections are not from the same locality and are collected on different days.

This may be important, as Leighton's and Hughes' descriptions in some respects are different from Matzer & Hafellner's. The English descriptions say that the species is sitting in the interstices of the host areoles, and never on the surface, that it has a superficial mycelium of dark hyphae, and unbranched paraphyses. Leighton said the ascospores were simple, while Hughes, studying the type found some spores

were divided by an oblique septum. The ascospores also tend to stick together in groups of 2-4. The ascospores have not been reported to have germ pores. The species was later reported on *Placopsis gelida*, and this collection should be studied again.

Roselliniopsis Matzer & Hafellner is characterized by mostly septate, sub-globose ascospores with germ-pores at the ends.

A subiculum is not seen in the Faroese material, the perithecia are semi-immersed, the ascospores are subspherical, with germ pores at both ends. The species is therefore referred to *Roselliniopsis* in spite of the absence of spore-septa. In case it should be identical to Leighton's *Sphaeria tartaricola*, his name takes precedens.

Other specimens seen: Leynavatn, on cephalodia of *Placopsis gelida*, VA 85329. Tórshavn, on *Placopsis gelida*, GD.

***Sagiolechia rhexoblephara** (Nyl.) Zahlbr. On turf. Oknadalur, VA 85504, Sornfelli, VA 85861.

***Schaereria cinereorufa** (Schaerer) Th. Fr. Slættaratindur, S-side, 700 m, GD.

***S. tenebrosa** (Flotow) Hertel & Poelt. Tórshavn, GD.

***Sclerococcum sphaerale** (Ach.) Tw. Lichenicolous fungus. On *Pertusaria co-rallina*, Toftavatn, SS 6331-5; Slættaratindur, GD; *P. dactylina*, Slættaratindur, GD; *P. leucosora*, Sornfelli 675 m, VA 851443; *P. lactea*, Hestur, VA 851686; *Pertusaria* sp., Hoyvík, VA 851520; Leirvík, VA 69690. (1: *Spilomium* sp.).

Scoliciosporum chlorococcum (Stenb.)

Vězda. Epiphytic on trees, *Larix* in Tórshavn, VA 85649, and *Empetrum*, Svínoy. (10).

S. umbrinum (Ach.) Arn. On rock. Gjógv and Tórshavn, GD. Dalá, H&F 83026. Kollafjörður, SS 6273-2. (1,2: *Bacidia u.*; 1: *Bacidia inundata*).

Scutula stereocaulorum (Anzi) Körber. Lichenicolous fungus. On *Stereocaulon evolutum* (1,2: *Bilimbia s.*).

***S. tuberculosa** (Th. Fr.) Rehm. Lichenicolous fungus. On *Peltigera lactucifolia*, Leirvík, VA 69703.

Solorina bispora Nyl. (2,3).

S. bispora var. **macrospora** (Harm.) H. Olivier. (6).

S. crocea (L.) Ach. Very common in heathlands. (1,2,3,4,5,6,17,24,33).

S. saccata (L.) Ach. (2,3).

***Sphaerellothecium araneosum** (Rehm ex Arn.) Zopf. Lichenicolous fungus. On *Ochrolechia frigida*, W of Skopun, VA 851351.

Sphaerophorus fragilis (L.) Pers. Very common on rocks and small stones, 13 coll. (5,6; 1,32: *Sphaerophoron fragile* b. *caespitosum*; 2,32,33: *Sphaerophoron fragile*; 12 *Lichen f.*).

S. globosus (Huds.) Vainio. Very common in heathlands, 16 coll. (4,5,6,10; 1: *Sphaerophoron fragile* a. *coralloides*; 2,24,32,33: *Sphaerophoron coralloides*; 12: *Lichen c.*).

***Sporastatia polyspora** (Nyl.) Grumm. On rock at high altitude. Slættaratindur, VA 851268, Sornfelli, VA 851298.

***Staurothele fissa** (Taylor) Zwackh. On rock. Hoyvík, VA 85711. Vestmanna, SS

6259-2, 6261-2. Leynavatn, SS 6269-2. Slættaratindur, SS 6289-3. (7; 1: *Polyblastia umbrina*; 2: *P. umbrina* var. *clopima*).

Stereocaulon alpinum Laurer. (6; 1,2: *S. tomentosum* var. *alpinum*; 2,24: *S. paschale*; 12: *Lichen pascalis?*).

S. arcticum Lynge (20; 5: *S. vesuvianum* var. *arcticum*).

***S. capitellatum** H. Magn. E of Vestmanna, VA 85354. With perlatolic, anziaic and miriquidic acids.

***S. condensatum** Hoffm. On gravelly soil, Leynavatn, VA 85323; Ryskivatn, VA 85459; Oknadalar, VA 85508. (6: *S. coralloides* p.p.).

S. dactylophyllum Flörke. (6; 1,4: *S. coralloides* p.p.).

S. evolutum Graewe. Common on rocks, 8 coll. (20; 1,2: *S. coralloides* p. p.).

***S. leucophaeopsis** (Nyl.) P. James & Purvis. Common on rock, 8 coll.

***S. nanodes** Tuck. Under overhanging rock, Sornfelli, VA 851436.

S. pileatum Ach. (4,20).

***S. rivulorum** H. Magn. Very common on gravelly soil, 9 coll. (14,20; 1,4: *S. coralloides* p.p. (Vágur, Reynoldsindur)).

***S. subcoralloides** (Nyl.) Nyl. Saksun, 50-100 m, on rock, VA 69637.

S. vesuvianum Pers. Very common on rocks. (4,5,6; 1,2,33,43: *S. denudatum* incl. var. *compactum* and var. *pulvinatum*; 5: *S. vesuvianum* var. *denudatum*; f. *umbonatum*; f. *umbrata*; 48: var. *genuinum* f. *valida*; 6: *S. paschale*; 20: *S. vesuvianum* var. *nodulosum*, f. *umbriculum*).

S. vesuvianum is very variable, some-

times very thin with small phyllocladia in which the characteristic darker center is not visible; this form was called *S. paschale* by Hansen (6), but it is without tomentum, saxicolous, with cephalodia of the vesuvianum type and almost unbranched. Intermediate forms partly with typical phyllocladia were also seen.

Sticta fuliginosa (Dickson) Ach. (1,5).

S. limbata (Sm.) Ach. Toftavatn 85821. (5,17; 2: *S. fuliginosa* var. *limbata*).

****Stigmidium peltideae*** (Vainio) R. Sant. Lichenicolous fungus. E of Vestmanna, at dam, on *Peltigera polydactyla*, VA 85357.

S. cfr. schaeereri (Massal.) Trevis. Lichenicolous fungus. On *Catapyrenium cinereum*, Í Botni, VA 85696. On *Lecanora umbrina*, Kirkjubøur, GD.

****S. stygnospilum*** (Minks) R. Sant. Lichenicolous fungus. On *Dermatocarpon intestiniformis*, Sandoy 1897, Hartz & Ostenfeld. On *Catapyrenium daedaleum*, Akrar, VA 85482; Svínøy, VA 85604.

Tephromela atra (Huds.) Hafellner. Very common on rocks, 19 coll. (1,2,4,5, 24,33: *Lecanora* a.; 32: *Parmelia atra*).

Thamnolia vermicularis (Swartz) Ach. ex Schaeerer. In heathlands. (1,2,5,24, 33; 4: *Ceramia* v. Some collections maybe referable to var. *subuliformis*).

T. vermicularis var. ***subuliformis*** (Ehrh.) Schaeerer. Common in heathlands, 6 coll. (6).

****Thelidium aenovinosum*** (Anzi) Arn. Svínøy, VA 851651. Tórshavn, Skansen, GD. Gjógv, Middagsfjall, GD.

****T. auruntii*** (Massal.) Krempelh. Kirkju-børur on whale-bone, GD.

T. papulare (Fr.) Arn. (1: *Segestrella sprucei*; 2: *Sagedia pyrenophora*).

Thelocarpon epibolum Nyl. On *Peltigera britannica* at Toftavatn, VA 85811 and GD. (18; 1,2,30: *T. epiboloides*).

Toninia aromatica (Sm.) Massal. Kirkjubømúrurin, VA 851413. (2: *Bilimbia* a.; 1: *Bilimbia faeroensis*; 30: *Lecidea faeroensis*).

T. cumulata (Sommerf.) Th. Fr. (2: *Bilimbia* c.).

T. squalescens (Nyl.) Th. Fr. Ryskivatn 85475. (1: *Thalloidima rimulosum*; 2: *Bilimbia* s.).

T. squalida (Ach.) Massal. Søltuvík, VA 85687; Ryskivatn, VA 85479. (2: *Bacidia squarrosa*).

****T. thiopsora*** (Nyl.) H. Olivier. Dalá, H&F 83188 (det. P. W. James 1984 as *T. pulvinata* (Taylor) H. Olivier).

Trapelia coarctata (Sm.) Choisy. Common on rocks, 7 coll. (1,24: *Lecidea* c.; 2: *Biatora* c., *B. fuscorubens*).

****T. mooreana*** (Carroll) P. James. On rock. W of Gøta, VA 69779; W of Børur, VA 851406; W of Skopun, VA 851633. 1 km W of Kvívík, SS 6257-3.

****T. placodioides*** Coppins & P. James. Skarvanes, VA 851702.

****Trapeliopsis flexuosa*** (Fr.) Coppins & P. James. On *Pinus* bark, Selatrað, VA 85797.

****T. granulosa*** (Hoffm.) Lumbsch. On debris, Tórshavn, VA 85651. Toftavatn, SS 6329-2.

T. pseudogranulosa Coppins & P. James.

On soil. Toftavatn, VA 85849; SS 62-98-3. W of Skopun, VA 851694; Tórshavn, VA 85632; Selatrað, VA 85803. (10).

***T. wallrothii** (Flörke) Hertel & G. Schneider. N-end of Borðoyarvík, GD.

Tremolecia atrata (Ach.) Hertel. Very common on rocks, 12 coll. (7; 2: *Lecidea atroferrata* + var. *dicksonii*).

Tuckermannopsis chlorophylla (Willd.) Hale. Epiphytic and on rocks. Kirkjubøur, SS 6344-2. (5,10: *Cetraria c.*; 2: *Cetraria saepincola* var. *c.*).

Umbilicaria cylindrica (L.) Delise ex Duby. Very common on rocks, 9 coll. (5, 6,24; 1,2,33: *Gyrophora c.*; 32: *U. proboscidea* var. *c.*).

U. proboscidea (L.) Schrader. (24,32; 2: *Gyrophora p.*; *Gyrophora hyperborea*; 12: *Lichen proboscideus*).

Usnea subfloridana Stirton. On *Picea* and *Larix* in Tórshavn, VA 85640, 85646; *Pinus*, Selatrað, VA 85795. Kirkjubøur, SS 6344-5. (10).

Verrucaria aethiobola Wahlenb. Vestmanna Gjógv, dolerite rock, GD. (24; 1: *V. margacea* var. *aethiobola*).

V. ceuthocarpa Wahlenb. in Ach. Tórshavn, SS 6342-6. (5).

V. ditmarsica Erichsen. Gjógv, rocky shore, GD. Kirkjubøur, GD. (5)

***V. gudbrandsdalensis** Zsch. ex H. Magn. On rock, Í Botni, VA 85703.

V. halizoa Leighton. Rocky sea-shores. Tórshavn, M. Skytte Christiansen 1946. Kirkjubøur, GD. (4,5: *V. microspora*).

V. margacea (Wahlenb.) Wahlenb. 1 km W of Kvívík, SS 6258-2. (2).

V. maura Wahlenb. Very common along

the coasts, 24 coll. (1,3,5,22,24,33; 2: incl. var. *aractina* and var. *fuscescens*).

V. mucosa Wahlenb. Seashore rocks. Saksun; Varmakelda, VA 85786. Tórshavn, Skarvatangi, GD. Dalá, H&F 83257. (2,3,4,5,22).

V. muralis Ach. On mortar, W of Skopun, VA 85681; Velbastaður, VA 851587; Skarvanes, VA 851701. (2: *V. rupestris* f. *muralis*).

V. nigrescens Pers. On rock, Elduvík, VA 851637. (2).

***V. papillosa** Ach. On rock. Slættaratindur, VA 851260; Hoyvík, VA 851542; Leynavatn, VA 851573 and 85328. Vestmanna, DG.

***V. praetermissa** (Trev.) Anzi. On moist rock, Koltur, VA 851322.

***V. prominula** Nyl. In *Verrucaria maura* zone, Kirkjubøur and Tórshavn, GD.

V. rupestris Schrader (2).

V. striatula Wahlenb. (2).

***V. tectorum** (Massal.) Körber. Leirvík, on mortar, VA 69806a, det. R. San-tesson.

***V. cfr. tristis** (Massal.) Krempelh. Strømø, Rostrup 1867. Apparently Rostrup did not include this collection in his paper.

The thallus is very thin, the perithecia sitting, the ascospores subglobose, 12-15 x 10-11 µm.

***V. umbrinula** Nyl. Kirkjubøur and Gjógv, on rock and whale-bone, GD.

Verrucaria sp. Toftavatn, GD. the thallus is very thick, areolate, ochraceous (rusty). Perithecia semi-immersed. Involucellum distinct, reaching base of perithecia. Excipulum thin, pale. Ascospores 26-29 x 11-12 um.

- Vestergrenopsis elaeina** (Wahlenb.) Gyelnik. Very common on moist rocks, 9 coll. (1,2,5: *Pannaria e.*).
- Wentiomyces peltigericola** D. Hawksw. Lichenicolous fungus. On *Peltigera britannica*, Toftavatn, VA 85811 and GD. (18).
- Xanthoria calcicola** Oxner. Frodebø, Rostrup 1867 (1,2: *X. parietina* var. *aureola* p.p.; 5: incl. in *X. parietina*).
- X. candelaria** (L.) Th. Fr. Very common on nitrophilous rocks, lignum etc., 11 coll. On *Sorbus*, Vestmanna, GD. (5,10; 2: *X. parietina* var. *lychnea*).
- X. elegans** (Link) Th. Fr. On concrete, E of Vestmanna, VA 85361. (10).
- X. parietina** (L.) Th Fr. Very common in nitrophilous places especially along the coasts, 16 coll. (1,2,3,4,5,6,7,10,22,33; 1,2: *X. parietina* var. *aureola* p.p.; 1,4: var. *ectanea*; 24: *Physcia parietina*; 32: *Parmelia parietina*; 12: *Lichen parietinus*; 33: *X. murorum* a. *major*).
- X. polycarpa** (Hoffm.) Rieber (5,10)
- Xylographa trunciseda** (Th. Fr.) Minks. On *Empetrum*, Svínoy, VA 851716 (10).
- ***Zwackhiomyces martinianus** (Arn.) Triebel & Grube. On *Porpidia macrocarpa*, Tórshavn 1867, Rostrup.
- Buellia erubescens* Arn.
Buellia poeltii Schauer
Cetraria pinastri (Scop.) S. F. Gray
Evernia divaricata (L.) Ach.
Imshaugia aleurites (Ach.) Fricke Meyer
Lecanora allophana (Ach.) Nyl.
Lecanora pulicaris (Pers.) Ach.
Melanelia exasperatula (Nyl.) Essl.
Melanelia olivacea (L.) Essl.
Ochrolechia androgynne (Hoffm.) Arn.
Parmeliopsis ambigua (Wulf.) Nyl.
Parmeliopsis hyperopta (Ach.) Arn.
Pertusaria amara (Ach.) Nyl.
Pertusaria hemisphaerica (Flörke) Erichsen

Old names

The list includes all names previously used in the literature on Faroese lichens and is a mixture of true synonyms, old collective species and mis-identifications. The identity of many old reports are still obscure. The figures in brackets refer to the literature list.

- Acarospora cervina var./f. *smaragdula* (1,2,33) = *A. smaragdula*
 Acarospora glaucocarpa var. *rubicosa* (2) = not seen.
Alectoria bicolor (1,2,5) = *Bryoria b.*
Alectoria chalybeiformis (6) = *Bryoria c.*
Alectoria jubata (1,2) = *Bryoria bicolor*, *B. chalybeiformis* and *Pseudophebe pubescens*.
 (5) = *Bryoria fuscescens*
f. cana (1) = *Bryoria capillaris*
 var. *chalybeiformis* (2,24,33) = *Bryoria chalybeiformis*
f. nitidula (1) = *Alectoria nigricans*

Introduced species not established in the Faroes

Some species have been introduced with birch bark but have apparently not become established on the Faroes (10). These species are:

var. implexa (2) = *B. capillaris*
Alectoria pubescens (5,6) = *Pseudopeltigera*
 p.
Amphoroblastia helvetica ssp. *faeroensis*
 (17) = *Polyblastia h.*
Anaptychia fusca (4,5,6,9) = *A. runcinata*
Arthonia "sp. nov." (1) = *A. phaeobaena*.
Arthonia sp. (1) = *Melaspilea subarenacea*
Arthroraphis vacillans (1) = *A. grisea*
Aspicilia gibbosa (33) = not seen
Bacidea arceutina var. *chlorotica* (1) =
 Bacidia phacodes
Bacidia inundata (1) = *Scoliciosporum*
 umbrinum
Bacidia squarrosa (2) = *Toninia squalida*
Bacidia subfuscata (2) = not seen
Bacidia umbrina (1,2) = *Scoliciosporum*
 umbrinum
Bacidia vacillans (1,2) = *Arthroraphis*
 grisea
Baeomyces rufus var. *subsquamulosus* (4)
 = *B. rufus*
Bangia atrovirens (11) = *Ephebe lanata*/ *E.*
 hispidula
Biatora berengeriana (2) = *Mycobilimbia*
 b.
Biatora coarctata (2) = *Trapelia coarctata*
Biatora fuscorubens (2) = *Trapelia*
 coarctata
Biatora uliginosa (2) = *Placynthiella*
 uliginosa
Biatora sanguineoatra (2) = *Mycobilimbia*
 hypnorum
Bilimbia aromatica (2) = *Toninia aromatica*
Bilimbia arthoniza (1) = *Arthonia intexta*
Bilimbia caudata (2) = *Rhopalospora*
 lugubris
Bilimbia cumulata (2) = *Toninia cumulata*
Bilimbia cyrtella (1) = *Lecania cyrtella*

Bilimbia færoensis (1) = *Toninia aromatica*
Bilimbia lenticularis (2) = *Catillaria l.*
Bilimbia millaria (2) = *Micarea lignaria*,
 M. nitschkeana
Bilimbia sabuletorum (1,2) = *Myco-*
 bilimbia sabuletorum
 var. *millaria* (1) = *Micarea lignaria*,
 M. nitschkeana
Bilimbia sphaeroides (1,2) = *Biatora*
 pilularis
 var. *leucococca* (1,2) = ? (not seen).
Bilimbia squalescens (2) = *Toninia s.*
Bilimbia stereocaulorum (1,2) = *Scutula s.*
Buellia alboatra var. *epipolia* (1,2) =
Buellia amphibia (2) = *Rhizocarpon*
 obscuratum
Buellia badioatra (1,2) = *Rhizocarpon*
 badioatrum
Buellia calcarea (2) = *R. lavatum*
Buellia chlorospora (2) = *R. badioatrum*, *R.*
 lavatum
Buellia coeruleoalba (1 = *Rhizocarpon*
 hochstetteri
Buellia geographica (1,2) = *Rhizocarpon*
 geographicum
Buellia myriocarpa (1,2) = *Buellia*
 punctata
Buellia myriocarpa a. *punctiformis* (33) =
 B. punctata
Buellia oederi (1,2) = *Rhizocarpon oederi*
Buellia petraea (1,2) = *Rhizocarpon*
 lavatum, *R. obscuratum*
 f. dendritica (1) = *Rhizocarpon*
 obscuratum
 f. ferrata (1) = not seen
Buellia sociella (1) = *Dactylospora* aff. *par-*
 asitica, *Pyrenidium actinellum*
Buellia urceolata (2) = *Dactylospora* aff.
 parasitica, *Pyrenidium actinellum*

- Caloplaca aurantiaca (33) = not seen
 Caloplaca cerina (33) = *C. exsecuta*
 Caloplaca ferruginea (33) = *C. crenularia*
 Caloplaca ferruginea var. festiva (4,7) = *C. crenularia*
 Caloplaca jungermanniae (33) = *C. holocarpa*
 Caloplaca vitellina (33) = *Candelariella vitellina*
 Catillaria sphaeroides (10) = *Biatora pilularis*
 Celidium fuscopurpureum (1) = *Arthonia fuscopurpurea*
 Ceramia vermicularis (4) = *Thamnolia vermicularis*
 Cetraria aculeata (4,24) = *Coelocaulon aculeatum*
 (32,33) = *Coelocaulon* sp.
 Cetraria aculeata var muricata (24) =
 Coelocaulon muricatum
 Cetraria chlorophylla (5,10) =
 Tuckermannopsis chlorophylla
 Cetraria ericetorum (5) = *C. islandica*
 Cetraria glauca (5) = *Platismatia* g.
 (6) = *Parmotrema crinitum*
 Cetraria islandica var./f. crispa (1,2,25) =
 C. islandica ssp. *crispiformis*
 Cetraria islandica var. platyna (25) = *C. islandica* ssp. *islandica*
 Cetraria saepincola var. chlorophylla =
 Tuckermannopsis chlorophylla
 Cladina mitis (26) = *Cladonia mitis*
 Cladina portentosa (26) = *Cladonia portentosa*
 Cladonia alcicornis (2) = *C. strepsilis*, *C. subcervicornis*, *C. squamosa* var.
 subsquamosa
 Cladonia alpicola (4) = *C. decorticata*
 Cladonia cervicornis (1,25,47) = *C. subcervicornis*, *C. pyxidata*,
 C. furcata, *C. macrophyllodes*
 (2) = *C. firma*, *C. pocillum*, *C. pyxidata*
 var. *sobolifera* (1) = *C. subcervicornis*?
 Cladonia coccifera (4,5,6,33) = *C. coccifera*, *C. borealis*, *C. diversa*, *C. chlorophphaea*
 var. *pleurota* (6) = *C. pleurota*
 subvar. *extensa* (25) = not seen
 subvar. *cornucopioides* (25) = *C. borealis*
 Cladonia cornucopioides (1,2,12,47) = *C. borealis*, *C. diversa*
 f. *extensa* (47) = not seen
 Cladonia cornuta (32) = *Cladonia* sp.
 Cladonia degenerans (1,33) = *C. phyllophora*
 var. *lepidota* (1) = *C. ramulosa*
 Cladonia ecmocyna (6) = *C. gracilis*
 Cladonia fimbriata (1) = *C. cornuta* ssp.
 groenlandica
 2,4,10 = *C. cervicornis*, *C. merochloro phaea*
 var. *expensa* = *C. macrophylla*
 Cladonia floerkeana (2 p.p.) =
 C. macilenta
 Cladonia furcata (2) = *C. acuminata*, *C. furcata*
 var. *crispata* (33) = *C. crispata* var.
 cetrariiformis
 f. *cymosa* (47) = not seen
 var./f. *subulata* (1,2,25) = *C. furcata*
 var. *pungens* (2) = *C. furcata*, *C. rangiformis*
 var. *racemosa* (25,33) = not seen
 Cladonia gracilis (6 p.p.) = *C. crispata* var.
 cetrariiformis
 Cladonia impexa (4,5,6,27,28,43) = *C. portentosa*, *C. arbuscula*
 Cladonia pungens (1) = *C. rangiformis*

- f. muricata (1) = not seen
- Cladonia pyxidata* (1,2 p.p.) = *C. pyxidata*,
C. borealis, *C. merochlorophaea*
 (2,6 p.p.) = *C. cyathomorpha*
a neglecta (33) = not seen
- Cladonia rangiferina* (2) = *C. rangiferina*,
C. C. ciliata, *C. portentosa*
 (25) = *C. mitis*, *C. rangiferina*
- C. rangiferina* var. *silvatica* (1,2,32 p.p.) =
C. arbuscula, *C. mitis*
 (2 p.p.) = *C. ciliata* var. *tenuis*
- Cladonia silvatica* (42,43) = *C. arbuscula*
- Cladonia squamosa* (1,2,5,6 p.p.,33) = *C. decorticata*
- Cladonia stellata* var. *adunca* (25) = not
 seen
- Cladonia subsquamosa* (5) = *C. squamosa*
 var. *subsquamosa*
- Cladonia sylvatica* (4,5,6) = *C. arbuscula*
- Cladonia tenuis* (4) = *C. ciliata* var. *tenuis*
- C. uncialis* (1,2,4,5,6,33) = *C. uncialis* ssp.
biuncialis
- Cladonia verticillata* var. *cervicornis* (33) =
C. cervicornis ssp. *cervicornis*
- Collema pulposum* (1,2) = *C. tenax* var.
crustaceum
- Collema spongiosum* (24) = not seen
- Conida intexta* (2) = *Arthonia intexta*
- Cornicularia aculeata* (1,2,5,6) =
Coelocaulon a., *C. muricatum*.
- Cornicularia tristis* (2) = *C. normoerica*
- Crocynea membranacea* (4,5) = *Leproloma*
membranacea, *Lepraria* sp.
- Cystocoleus rupestris* (2) = *C. ebeneus*
- Dermatocarpon fluviale* (1,2) = *D.*
luridum
- Dermatocarpon hepaticum* (1,2) =
Catapyrenium lachneum
- Dermatocarpon lachneum* (5) =
- Catapyrenium lachneum*
- Dermatocarpon miniatum* var.
complicatum (1,2,5,6) = *D. miniatum*
- Dermatocarpon rufescens* (1,2) =
Catapyrenium lachneum, *Dermatocarpon*
inte stiniforme
- Dichæna* sp (1) = not found in C, possibly
Lichenopuccinea poeltii
- Encephalographa* sp. (1) = not found in C
- Endocarpon cinereum* (2) = *Catapyrenium*
cinereum, *C. daedaleum*
- Endocarpon fluviale* (33) =
Dermatocarpon luridum
- Endocarpon miniatum* (24,32,33) =
Dermatocarpon miniatum
- Endococcus erraticus* (1,2) = *Muellerella*
pygmaea
- Endococcus gemmifer* (1,2) = *E.*
propinquus
- Ephebe pubescens* (1,2,33) = *E. lanata* and
E. hispidula
- Evernia furfuracea* (1,13,32,33) =
Pseudevernia furfuracea
- Evernia jubata* (32) = *Bryoria* spp.
- Gelidium pygmaeum* (11) = *Lichina*
confinis
- Gyrophora arctica* (1, 34 t. 2450) = not
 found in C
- Gyrophora cylindrica* (1,2,33) =
Umbilicaria c.
- Gyrophora hirsuta* (1,11,33) = not found in
 C
- Gyrophora hyperborea* (2) = *Umbilicaria*
proboscidea
 var. *arctica* (2,33) = not found, probably
 erroneous
- Gyrophora proboscidea* (2) = *Umbilicaria*
proboscidea
- Haematomma ventosum* (2) = *H.*

- ochroleucum var. porphyrium
 Huilia flavocaerulescens (7) = Porpidia f.
 Huilia macrocarpa (7) = Porpidia
 macrocarpa
 Icmadophilla ericetorum (4) = Polyblastia
 helvetica (NsF)
 Isidium corallinum (24) = Pertusaria
 corallina
 Karschia scabrosa (2) = Epilichen
 scabrosus
 Lecania prosechoides (4,5) = Lecanora
 helicopis
 Lecanora aipospila (2) = Lecania a.
 Lecanora atra (1,2,4,5,24,33) =
 Tephromela a.
 Lecanora badia (2,7,24) = Protoparmelia
 badia
 Lecanora cinerea (2) = Aspicilia cinera, A.
 caesiocinerea, Leciea lactea
 (24) = Aspicilia spp. (many forms).
 Lecanora cyrtella (2) = Lecania cyrtella, L.
 erysibe, L. aipospila
 Lecanora erysibe * alboriella (1) =
 Catillaria chalybeia
 Lecanora galactina var. deminuta (2) =
 Lecanora helicopis
 Lecanora gibbosa (1,2) = Aspicilia cinerea,
 Amygdalaria pelobotryon
 var. depressa (2) = not seen
 f. obscurata (2) = Aspicilia caesiocinerea
 Lecanora hageni (1,2) = Lecanora hageni,
 L. salina, L. actophila, L.
 helicopis, L. umbrina
 Lecanora hypnorum (2,33) = Psoroma
 hypnorum
 Lecanora lacustris (1,2,4,5) = Aspicilia
 lacustris, Ionaspis arctica
 Lecanora leprosescens (5) = Aspicilia
 leprosescens
- Lecanora oculata (2) = Pertusaria oculata
 Lecanora pallescens var. parella (33) =
 Ochrolechia parella
 Lecanora parella (1,2,4,24) = Ochrolechia
 parella
 var. pallescens (24) = Ochrolechia
 pallescens
 Lecanora pelobotrya (1,2) = Amygdalaria
 pelobotrya
 Lecanora phaeops (2,5) = Lecidea p.
 Lecanora polytropa f. intricata (2) = L.
 intricata
 Lecanora prosechoides (2,4,5) = L.
 helicopis
 Lecanora sordida f. subcarnea (2) =
 Ochrolechia tartarea
 Lecanora subfuscus (1,33 p.p.) = L.
 intumescens
 var. albella (1) = L. carpinea
 var. atrynaea (2) = L. actophila
 var. lainea (1,2) = L. actophila, L. hageni,
 L. salina
 Lecanora tartarea (1,2,4,24,33) =
 Ochrolechia t.
 Lecanora tartarea f. grandinosa (2) =
 Ochrolechia frigida
 Lecanora varia var. polytropa (24) =
 Lecanora polytropa
 Lecanora vitellina (24) = Candelariella
 vitellina
 Lecidea alpestris (2) = Pilophorus
 dovrensis, Micarea incrassata
 Lecidea assimilata (2) = Micarea incrassata
 Lecidea atro-albo (24) = not seen
 Lecidea atroferrata (2) = Tremolecia atrata
 var. dicksonii (2) = Tremolecia atrata
 Lecidea auriculata (2) = Lecidea
 brachyspora
 Lecidea coarctata (1,24) = Trapelia c.

- Lecidea coniops (24) = not seen
 Lecidea contigua (1,2,24,33) = Porpidia
 macrocarpa, P. cinereoatra
 P. speirea, P. soredizodes, etc.
 var. confluens (1) = Lecidea confluens
 var. crustulata (2) = Porpidia crustulata, P.
 cinereoatra
 var. cyanothalamia (2) = Porpidia
 hydrophila, P. cinereoatra
 f. flavicunda (1,2) = Porpidia
 flavao caerulescens
 Lecidea dovreensis (1) = Pilophorus d.
 Lecidea elaeochroma (5) = Lecidella
 elaeochroma
 Lecidea elata (2) = L. marginata
 Lecidea erratica (2) = L. sarcogynoides
 Lecidea excentrica (24) = not seen
 Lecidea faeroensis (30) = Toninia
 aromatica
 Lecidea flavocaerulescens var. ochracea
 (5) = Porpidia flavocaerulescens
 Lecidea fuscolutea (24) = Brigantiae
 fuscoluteum
 Lecidea geographica (24,32) =
 Rhizocarpon geographicum etc.
 Lecidea gothoburgensis (4) = Fuscidea g.
 Lecidea hydrophila (4) = Porpidia h.
 Lecidea lapticida (2) = L. lactea, Lecidella
 stigmata
 Lecidea lithophila (2) = Porpidia zeoroides,
 P. cinereoatra, P. crustulata.
 Lecidea macrocarpa (4) = Porpidia m.
 Lecidea miscella (1) = Mycobilimbia
 berengeriana
 Lecidea pantherina (4) = L. lactea
 Lecidea parasema (2) = Lecidella
 elaeochroma
 (24) = saxicolous Lecidella
 var. latypea (1,2) = Lecidella carpathica,
 L. stigmata
 var. pilularis (2) = Biatora pilularis,
 Lecidella stigmata
 Lecidea paratropa (1,30) = Micarea
 paratropa
 Lecidea pelobotrya (4) = Amygdalaria
 pelobotrya
 Lecidea petraea (24) = not seen, probably
 Rhizocarpon sp.
 Lecidea pilati (2,4) = Adelolechia pilati
 Lecidea plana (2) = Lecidella stigmata
 Lecidea platycarpa (1) = Porpidia
 macrocarpa, P. superba
 var. cyanothalamia (1) = Porpidia
 hydrophila, macrocarpa,
 flavocaerulescens
 Lecidea polycarpa (2) = Lecidea lactea
 Lecidea pycnocarpa (2) = Lecidella
 carpathica
 Lecidea sanguineo-atra (1) =
 Mycobilimbia hypnorum
 Lecidea scabra (5) = Lecidella s.
 Lecidea sorediza (4) = Porpidia tuberculosa
 Lecidea speirea (2) = Porpidia speirea
 Lecidea subconfusa (1,30) = Micarea
 subconfusa
 Lecidea subepulotica (24) = not seen
 Lecidea subumbonella (2) = not found in C
 Lecidea sylvicola (2) = Catillaria chalybeia
 Lecidea theiodes (1,14) = Lecidea lactea
 Lecidea vernalis (1) = Biatora v.
 Lecidea viridescens (24) = not seen
 Lepraria aeruginosa (10) = Lepraria sp.
 Leptogium lacerum (1,2,24) = L.
 lichenoides
 var. pulvinata (1) = L. lichenoides
 Leptogium muscicola (1) = Polychidium m.

- Leptogium saturninum (1,2) = Massalongia carnosa
- Leptogium scotinum (1,2) = L. gelatinosum
- Leptogium sinuatum (5) = L. gelatinosum
- Leptogium subtile (1,2, 5) = L. tenuissimum
- Lichen aphthosus (12) = Peltigera aphthosa
- Lichen calcareus (12) = ?Aspicilia gibbosa, not seen
- Lichen calicaris (12) = Ramalina sp.
- Lichen caninus (12) = Peltigera canina
- Lichen chalybeiformis (12) = Bryoria c.
- Lichen ciliaris (12) = Physcia sp.?
- Lichen cocciferus (12) = Cladonia borealis/ C. diversa
- Lichen coralloides (12) = Sphaerophorus globosus
- Lichen farinaceus (12) = Ramalina cfr. farinacea, not seen
- Lichen fragilis (12) = Sphaerophorus fragilis
- Lichen furfuraceus (12) = Pseudevernia f.?
- Lichen geographicus (12) = Rhizocarpon geographicum
- Lichen heclæ (12) = Placopsis gelida
- Lichen islandicus (12) = Cetraria islandica
- Lichen omphalodes (12) = Parmelia omphalodes
- Lichen parietinus (12) = Xanthoria parietina
- Lichen pascalis (12) = Sterocaulon alpinum?
- Lichen physodes (12) = Hypogymnia physodes
- Lichen proboscideus (12) = Umbilicaria proboscidea
- Lichen rangiferinus (12) = Cladonia rangiferina
- Lichen saxatilis (12) = Parmelia saxatilis
- Lichen scopulorum (12) = Ramalina siliquosa
- Lichen tartareus (12) = Ochrolechia tartarea
- Lichen uncialis (12) = Cladonia uncialis ssp. biuncialis
- Lobaria laetevirens (5) = L. virens
- Lopadium fuscoluteum (1,2,33,17) = Brigantiaeae fuscolutea
- Microglaena corrosa (2) = Chromatochlamys larbalestieri
- Nephroma arcticum (L.) Torss. (3,17): Probably erroneous report.
According to Lynge (3) it was collected by Feilberg & Rostrup and found in C. However, it was not mentioned by Rostrup (1) or Branth (2), nor was it found in C during this study.
- Nephroma lusitanicum (2,5) = N. laevigatum
var. hibernicum (2) = N. laevigatum
- Nephroma tomentosum (2) = N. resupinatum
- Normandina laetevirens (1,2) = Omphalina hudsoniana
- Omphalina flava (60)= O. alpina
- Omphalina pseudoandrosacea (60) = O. umbellifera
- Opegrapha atra var. calcarea (2) = O. calcarea
var. virescens (1,2) = O. calcarea
- Opegrapha vulgata f. lithyrga (2) = O. lithyrga
- Pannaria brunnea (1,2,33) = Pannaria pezizoides
var. demissa (1) = P. pezizoides
- Pannaria elaeina (1,2,5) = Vestergranopsis elaeina

- Pannaria hookeri b. leucolepis (33) =
 Pannaria hookeri
 Pannaria leucolepis (1) = Pannaria hookeri
 Pannaria microphylla (1,2,33) = P.
 leucophaea
 Pannaria muscorum (24) = Psoroma
 hypnorum
 Pannaria nebulosa (1,2,33) = Moelleropsis
 nebulosa
 Parmelia alpicola (2) = not found in C
 Parmelia aquila physcioidea (32) = Physcia
 sp.?
 Parmelia atra (32) = Tephromela atra
 Parmelia caperata (33) = not seen
 Parmelia ciliaris (32) = Anaptychia ciliaris
 var melanosticta
 Parmelia encausta (1,13,24) =
 Hypogymnia tubulosa
 var. multipuncta (33) = not seen
 Parmelia gelida (32) = Placopsis gelida
 Parmelia glabratula var. fuliginosa (5) =
 Melanelia fuliginosa
 Parmelia lanata (1,2,24,33) = Pseudephebe
 pubescens
 Parmelia muscorum (32) = Psoroma
 hypnorum
 Parmelia olivacea (1,32,33) = Melanelia
 fuliginosa
 var. fuliginosa (2) = Melanelia fuliginosa
 var. prolixa (1,2) = Neofuscelia pulla
 Parmelia omphalodes var. caesia (5) = P.
 omphalodes
 Parmelia pallescens (32) = Ochrolechia cfr.
 pallescens
 var. parella (32) = Ochrolechia parella
 Parmelia parietina (32) = Xanthoria
 parietina
 Parmelia physodes (1,5,32,33,) =
 Hypogymnia p.
- var. encausta (32,34 t. 2447) =
 Hypogymnia tubulosa
 var. intestiniformis (34 t 2447) =
 uncertain origin
 Parmelia saxatilis var. laevis (1,2) =
 Parmotrema crinitum
 var. omphalodes (1,2,24,33) = P.
 omphalodes ssp. omphalodes
 var. panniformis (1,2) = P. omphalodes
 ssp. pinnatifida
 Parmelia stellaris (32) = Physcia spp.
 Parmelia stygia (33) = Pseudephebe
 pubescens
 var. lanata (32) = Pseudephebe pubescens
 Parmelia subaurifera (10) = Melanelia s.
 Parmelia tartarea (32) = Ochrolechia
 tartarea etc.
 Parmelia tubulosa (5) = Hypogymnia t.
 Peltidea aphthosa (4) = Peltigera aphthosa,
 P. leucophlebia, P. britannica
 Peltigera aphthosa (1,2,6) = P. aphthosa, P.
 leucophlebia, P. britannica
 (18) = P. britannica
 Peltigera canina (1,2,6) Peltigera spp.
 var. rufescens (1,2,3) = P. rufescens, P.
 membranacea
 Peltigera malacea (4) = misidentified. P.
 polydactyla-group
 Peltigera polydactyla (1,2,6,32,43) = P.
 polydactyla, P. lactucifolia
 P. neckeri
 (4) = P. polydactyla, P. malacea
 var. polydactyloides (5) = P. lactucifolia
 Physcia aquila (1,2,24,33) = Anaptychia
 runcinata
 Physcia caesia var. leptalea (1) = P. tenella
 var. marina
 Physcia ciliaris (1,12,24,33) = ? P.
 adscendens, ? P. tenella

- Physcia ciliaris* var. *saxicola* (1,2) =
Anaptychia c. var. *melanosticta*
- Physcia orbicularis* (5) = *Phaeophyscia o.*
- Physcia parietina* (24) = *Xanthoria*
parietina
- Physcia pulvрulenta* var. *muscigena* (2) =
Physconia muscigena
- Physcia sciastra* (5) = *Phaeophyscia*
sciastra
- Physcia stellaris* (1,2,24,33) = *P. tenella*,
dubia, *aipolia*, *adscendens*.
var. *aipolia* (2) = *P. aipolia*
var. *caesia* (2) = *Physcia caesia*
var. *leptalea* (2) = *P. adscendens*, *P.*
tenella
var. *marina*
- Placodium aurantiacum* (2) = *Caloplaca*
holocarpa
a. *salicinum* (1) = not seen
b. *flavovirescens* (1,2) = *Caloplaca*
flavovirescens
- Placodium cartilagineum* (1,33) =
Lecanora straminea
- Placodium cerinum* (2) = *Caloplaca*
exsecuta
var. *pyraceum* (2) = *Caloplaca* cfr.
holocarpa
- Placodium circinnatum* (33) = *Aspicilia*
alphoplaca
- Placodium ferrugineum* (2) = *Caloplaca*
spp.
var. *festiva* (1) = *Caloplaca crenularia*
f. *melanocarpa* (1) = not found in C
- Placodium gelidum* (33) = *Placopsis gelida*
- Placodium jungermanniae* (1,2) =
Caloplaca holocarpa
- Placodium murorum* (1) = *Caloplaca*
marina, *C. scopularis*
- var. *obliterans* (2) = *Caloplaca holocarpa*
Placodium pyraceum (2) = *Caloplaca*
crenularia
- Placodium vitellinum* (1) = *Candelariella*
vitellina
var. *octosporum* (2) = *Candelariella*
aurella
- Polyblastia intercedens* (1,2,4) = *P.*
cupularis?
var. *nuda* (1) = not seen
- Polyblastia terrestris* (1,2 p.p.) = *P. cruenta*
- Polyblastia umbrina* (1) = *Staurothele fissa*
var. *clopima* (2) = *Staurothele fissa*
- Pseudocyphellaria thouarsii* (5) = *P.*
intricata
var. *intricata* (17) = *P. intricata*
- Psoroma hypnorum* var. *femsjoensis* (1) =
Psoroma hypnorum
var. *palaceum* (1) = *Psoroma hypnorum*
- Ramalina atlantica* (17,45) = *R. cuspidata*,
R. siliquosa, *R. subfarinacea*
- Ramalina calicaris* incl. varieties (24,32) =
Ramalina spp.
- Ramalina curnowii* (16) = *R. cuspidata*
- Ramalina scopulorum* (1,2,4?,16?,24,32,33)
= *R. cuspidata*, *R. siliquosa*,
var. *farinacea* (1) = *R. subfarinacea*
- Ramalina farinacea* var. *subfarinacea*
(5,10) = *R. subfarinacea*
- Rhagadostoma corrugatum* (1) = *R.*
lichenicola
- Rhizocarpon tinei* ssp. *vulgare* (39) = *R.*
geographicum
- Rhizocarpon tinei* ssp. *prospectans* (39) = *R.*
geographicum
- Rinodina exigua* (1 p.p.) = *Buellia ocellata*
- Rinodina salina* (5) = *R. gennarii*
- Rinodina sophodes* var. *demissa* (1) =

- Rinodina exigua
var. exigua (2) = Rinodina exigua, Buellia ocellata
- Sagedia chlorotica (2) Porina chlorotica
- Sagedia grandis (2) = Porina grandis
- Sagedia lectissima (2) = Porina lectissima
- Sagedia pyrenophora (2) = Thelidium papulare
- Segestrella chlorotica (1) = Porina chlorotica
- Segestrella grandis (1) = Porina grandis
- Segestrella sprucei (1) = Thelidium papulare
- Solorina crocea (4) = Solorina c.
- Sphyridium byssoides (1,2,33) = Baeomyces rufus
- Sphyridium placophyllum (2) = Baeomyces placophyllus
- Sphæria cephalodiorum (1) = Lasiosphaeriopsis cephalodiorum
- Sphæria gelidaria (1) = Polycoccum gelidarium
- Sphæria ventosa (1) = Roselliniopsis ventosa
- Sphærophoron coralloides (2,24,32,33) = Sphaerophorus globosus
- Sphærophoron fragile a. coralloides (1) = Sphaerophorus globosus
- Sphærophoron fragile (2,24,32,33) = Sphaerophorus f.
b. cæspitosum (1) = Sphaerophorus fragilis
- Spilomium sp. (1) = Sclerococcum sphaerae
- Squamaria cartilaginea (1,2) = Lecanora straminea, L. achariana, Aspicilia cfr. alphoplaca, Protoparmeliopsis muralis
- Squamaria chrysoleuca (2) = Protoparmeliopsis muralis
- Squamaria circinata (4) = cfr. Aspicilia alphoplaca
- Squamaria gelida (1,2,24) = Placopsis g.
- Squamaria muralis (4) = Protoparmeliopsis muralis
- Squamaria saxicola (2) = Protoparmeliopsis muralis
- var. diffracta (2) = Protoparmeliopsis muralis
- Squamaria straminea (2,5) = Lecanora straminea
- Stereocaulon cereolinum (1) = Pilophorus strumaticus, P. cereolus
- Stereocaulon coralloides (1,2,4) = S. dactylophyllum, rivulorum, evolutum (6) = S. condensatum p.p
- Stereocaulon denudatum (1,2,33,43) = S. vesuvianum
- var. compactum (1) = S. vesuvianum
- var. genuinum f. valida (48) = S. vesuvianum
- var. pulvinatum (2) = S. vesuvianum
- Stereocaulon paschale (2,24) = S. alpinum (6) = S. vesuvianum (12) = not seen.
- Sterocaulon tomentosum (1,2) = not seen
- var. alpinum (1,2) = S. alpinum
- Stereocaulon tomentosum a campestre (33) = not seen
- Stereocaulon vesuvianum var. arcticum (5) = Stereocaulon arcticum
- Sticta amplissima (2) = Lobaria amplissima
- Sticta fuliginosa var. limbata (2) = Sticta limbata
- Sticta herbacea (1,2,33) = Lobaria virens
- Sticta pulmonaria (2) = Lobaria pulmonaria
- Thalloidima rimulosum (1) =

- Toninia squalescens
 Thelidium litorale (22) = Arthopyrenia
 sublitoralis
 Thelocarpon epiboloides (1,30) = T.
 epibolum
 Umbilicaria proboscidea var arctica (34 t.
 2450) = origin uncertain
 var. cylindrica (32): U. cylindrica
 Usnea barbata (1) = ? U. subfloridana
 Usnea barbata var. hirta (24,32) = ?U.
 subfloridana
 Verrucaria epigaea (1) = fungus
 Verrucaria margacea var. æthiobola (1) = V.
 aethiobola
 Verrucaria maura var. aractina (2) = V.
 maura
 var. fuscescens (2) = V. maura
 Verrucaria microspora (4,5) = V. halizoa
 Verrucaria rupestris f. muralis (2) =
 Verrucaria muralis
 Verrucaria tephroides (1) = Catapyrenium
 cinereum
 Xanthoria murorum a major (33) =
 Xanthoria parietina var. aureola (1,2) = X.
 calcicola, X. parietina
 var. ectanea (1,4) = X. parietina
 var. lychnea (2) = Xanthoria candelaria

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- Vagn Alstrup,
Department of plant ecology
University of Copenhagen
Øster Farimagsgade 2D
DK-1353 Copenhagen K
Denmark.
- Steen N. Christensen and Eric Steen Hansen
Botanical Museum
University of Copenhagen
Gothersgade 130
DK-1123 Copenhagen K
Denmark.
- Svanhildur Svane
Botanisk Institut
Aarhus University
Nordlandsvej 68
DK-8240 Risskov
Denmark.