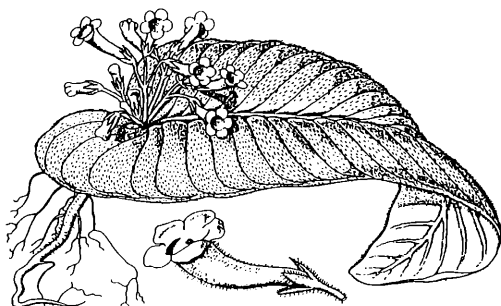


FRITSCHIANA

5



Veröffentlichungen aus dem Herbarium
des Institutes für Botanik
der Karl-Franzens-Universität Graz (GZU)

Josef Hafellner

**A new checklist of lichens and lichenicolous fungi
of insular Laurimacaronesia
including a lichenological bibliography for the area**

Graz, 29. Dezember 1995

Hofrat Prof. Dr. Karl FRITSCH
(*24.2.1864 in Wien, † 17.1.1934 in Graz)

K. FRITSCH studierte nach einem Jahr in Innsbruck an der Universität Wien Botanik und wurde dort 1886 zum Dr.phil. promoviert; 1890 habilitierte er sich. Nach Anstellungen in Wien wurde FRITSCH 1900 als Professor für Systematische Botanik an die Universität Graz berufen, wo er aus bescheidenen Anfängen ein Institut aufbaute. 1910 wurde er Direktor des Botanischen Gartens, 1916 wurde das neu errichtete Institutsgebäude bezogen. Aus der sehr breiten wissenschaftlichen Tätigkeit sind vor allem drei Schwerpunkte hervorzuheben: Floristisch-systematische Studien, besonders zur Flora von Österreich, monographische Arbeiten (besonders über *Gesneriaceae*) und Arbeiten zur systematischen Stellung und Gliederung der Monocotylen. An Kryptogamen interessierten ihn besonders Pilze und Myxomyceten.

Nachrufe: Ber. Deutsch. Bot. Ges. 51: (157) - (184), 1933 (mit Schriftenverzeichnis). - Mitt. Naturwiss. Ver. Steiermark 71: 5 - 15, 1934 (mit Porträt). - Im übrigen vgl. STAFLEU & COWAN 1976, Tax. Lit. 1: 892 und BARNHART 1965, Biogr. Notes Botanists 2: 12.

Graz, Oktober 1994

H. TEPPNER

Die Serie FRITSCHIANA wurde als Publikationsorgan für die zahlreichen Aktivitäten im Zusammenhang mit der botanischen Sammlung des Institutes für Botanik der Karl-Franzens-Universität Graz (GZU) gegründet. Vor allem zahlreiche Schedae-Hefte der von den Mitarbeitern herausgegebenen Exsiccatenwerke sollen hier erscheinen, aber auch Listen und Indices besonders wertvoller Bestände in GZU sowie Exkursionsberichte. Die Schedae-Hefte des von Prof. Dr. Josef POELT begründeten, inzwischen abgeschlossenen Exsiccatenwerkes *Plantae Graecenses* sind die Vorläufer dieser Schriftenreihe.

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Umschlagsbild: *Carolofritschia diandra* ENGL. (= *Acanthonema strigosum* Hook.f.); nach einer Zeichnung in HUTCHINSON, J. & HEPPER, F.N. 1963, Flora of West Tropical Africa, Ed. 2, Vol. II: 382.

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A new checklist of lichens and lichenicolous fungi of insular Laurimacaronesia including a lichenological bibliography for the area

Josef Hafellner

HAFELLNER, J. 1995: A new checklist of lichens and lichenicolous fungi of insular Laurimacaronesia including a lichenological bibliography for the area. *Fritschiana* 5: 1 - 132.

Key words: Lichenized fungi, lichenicolous fungi, flora of Macaronesia, flora of the Azores, flora of Madeira, flora of the Canary Islands, bibliography

Summary: An alphabetically arranged checklist of lichenized and lichenicolous fungi of insular Laurimacaronesia (archipelagos of the Azores, Madeira, Canary Islands) is presented. The list includes references to original sources of publication for every species except for those included in the checklist of TAVARES (1952). A bibliography of lichenological publications containing references to species occurring in the area is added.

1. Introduction

The phytogeographic term Laurimacaronesia was introduced by KUNKEL (1980) meaning the atlantic archipelagos Azores, Madeira and Canary Islands and the southwesternmost part of the Iberian peninsula, an area in which at least several floristic elements of laurel forests occur.

A first checklist of lichenized fungi covering the same area as circumscribed here and including also the Cape Verde Islands was published by TAVARES (1952). However, Tavares' list has become difficult to consult because of the taxonomic arrangement of taxa he used. The taxonomic concepts applied there are partly out of date now, and besides the nomenclatural changes which have been proposed in the meanwhile, many additional species have been recorded in recent times. Therefore a new version of a checklist is presented here. It includes for the first time also the lichenicolous fungi. Records of lichens published earlier than Tavares' list have not been checked again by the original source but have been taken directly from there (TAVARES 1952). Checklists for single archipelagos were published by CHAMPION & SANCHEZ-PINTO (1978) for the Canary Islands and by HAFELLNER (1992) for the Madeira archipelago.

Among the many synonyms preference is given to those used in the cited publications. If the citations refer to taxonomic papers, only the first page where the treatment of the species starts is cited.

Abbreviations:

A: Azores

M: Madeira archipelago

C: Canary Islands

As far as the annexed bibliography is concerned, it must be admitted, that completeness is difficult to achieve. In particular, single references both in taxonomic and lichen chemistry literature may have been overlooked. Publications dealing with applied aspects of lichenology (e. g. *Roccella* as a source for dyes, the history of which was summarized by SANCHEZ-PINTO 1995) have been excluded. An almost complete lichenological bibliography up to the mid 20th century is given by TAVARES (1952: 382 - 389). For the Canary Islands the lichenological bibliography compiled by HERNANDEZ PADRÓN (1979) was very helpful.

2. Checklist

Note: For species recorded from the Cape Verde Islands see MIES (1993)!

Abrothallus

Abrothallus cetrariae Kotte

Host: *Platismatia glauca* (1)

A: -; M: KALB & HAFELLNER 1992: 47 (1); C: -

Abrothallus parmeliarum (Sommerf.) Arnold

Host: *Parmelina tiliacea* (1)

A: -; M: -; C: STEINER 1904: 406 (1)

Abrothallus parmeliarum coll.

Host: *Ramalina decipiens* (1)

A: -; M: -; C: STEINER 1904: 406 (1)

Abrothallus parmotremae Diederich ined.

Hosts: *Rimelia reticulata* (1), *Parmotrema crinitum* (2)

A: -; M: KALB & HAFELLNER 1992: 47 (1, 2); C: CALATAYUD & BARRENO 1995a: 398 (2)

Abrothallus prodiens (Harm.) Diederich & Hafellner

Host: *Hypogymnia physodes* (1)

A: -; M: -; C: HAFELLNER 1995b: 134 (1)

Abrothallus usneae Rabenh.

Host: *Usnea subfloridana* (1), *Usnea* spec. (2)

A: -; M: KALB & HAFELLNER 1992: 47 (2); C: HAFELLNER 1995b: 135 (1, 2)

Abrothallus welwitschii Mont. ex Tul.

Host: *Sticta fuliginosa* (1), *Sticta sylvatica* (2)

A: NYLANDER 1898: 8 (1); M: -; C: STEINER 1904: 406 (2, sub *A. parmeliarum*)

Acarospora

Acarospora badiofusca (Nyl.) Th. Fr.

A: -; M: -; C: CRESPO & NARANJO 1981: 376

Acarospora cervina (Pers.) A. Massal.

A: -; M: TAVARES 1952: 367; C: -

Acarospora chlorophana >>> *Pleopsidium* c.

Acarospora fuscata (Nyl.) Arnold

A: -; M: -; C: EGEA & al. 1987: 401

Acarospora gallica H. Magn.

A: -; M: -; C: BREUSS 1988: 830

Acarospora heufleriana Körb. (syn. *A. massiliensis*)

A: -; M: -; C: TAVARES 1952: 367

Acarospora hilaris (Dufour) Hue

A: -; M: -; C: NARANJO & SANTOS 1982: 50

Acarospora hospitans H. Magn.

Host: *Aspicilia malmeana* (1)

A: -; M: -; C: CRESPO & NARANJO 1981: 376 (1)

Acarospora lavicola J. Steiner

A: -; M: -; C: KLEMENT 1965: 558

Acarospora oxytona >>> *Pleopsidium flavum*

Acarospora maroccana de Lesd.

A: -; M: -; C: NARANJO & SANTOS 1982: 51

Acarospora massiliensis >>> *A. heufferiana*

Acarospora microcarpa (Nyl.) Weddell

A: -; M: -; C: TAVARES 1952: 367

Acarospora nodulosa (Dufour) Hue

A: -; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 361

Acarospora pyrenopsoides H. Magn.

A: -; M: -; C: TOPHAM & WALKER 1982: 61

Acarospora reagens Zahlbr. (syn. *A. nodulosa* var. *reagens*)

A: -; M: -; C: FOLLMANN 1979b: 128

Acarospora schleicheri (Ach.) A. Massal.

A: -; M: -; C: TAVARES 1952: 367

Acarospora sulphurata (Arnold) Arnold

A: -; M: TAVARES 1952: 369, footnote; C: -

Acarospora sulphurata var. *rubescens* Buschardt

A: -; M: -; C: NARANJO & SANTOS 1982: 50

Acarospora umbilicata Bagl.

A: -; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Acarospora versicolor Bagl. & Carestia

A: -; M: -; C: TOPHAM & WALKER 1982: 61

Acrocordia

Acrocordia gemmata (Ach.) A. Massal.

A: -; M: KALB & HAFELLNER 1992: 49; C: BREUSS 1988: 830

Acrocordia macrospora A. Massal.

A: -; M: KALB & HAFELLNER 1992: 49; C: -

Agonimia

Agonimia octospora Coppins & P. James

A: COPPINS & JAMES 1978: 181; M: -; C: COPPINS & JAMES 1978: 181

Agonimia tristicula (Nyl.) Zahlbr.

A: JAMES 1981: 108; M: ARVIDSSON & WALL 1985: 41; C: JAMES 1981: 108

Alectoria

Alectoria bicolor >>> *Bryoria bicolor*

Alectoria catharinae Räsänen

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 8; according to HAWKSWORTH (1982a: 76) identity uncertain

Alectoria glauca >>> *Ramalina chondrina*

Alectoria implexa >>> *Bryoria i.*

Alectoria implexa var. *cana* >>> *Bryoria capillaris*

Alectoria imshaugii Brodo & D. Hawksw.

A: -; M: -; C: ØSTHAGEN & KROG 1979: 28

Alectoria nidulifera >>> *Bryoria furcellata*

Alectoria nigricans (Ach.) Nyl.

A: -; M: -; C: MAHEU & GILLET 1922: 354 (doubtful)

Alectoria ochroleuca (Hoffm.) A. Massal.

A: -; M: -; C: TAVARES 1952: 372 (incl. var. *crinalis*, doubtful)

Alectoria sarmentosa (Ach.) Ach.

A: -; M: TAVARES 1952: 372; C: TAVARES 1952: 372

Ampullifera

Ampullifera foliicola Deighton

Host: *Byssoloma subdiscordans* (1)

A: -; M: SANTESSON 1986: 1 (1); C: -

Amygdalaria

Amygdalaria pelobotryon (Wahlenb. in Ach.) Norman

A: HAWKSWORTH 1992a: 70; M: KALB & HAFELLNER 1992: 49; C: -

Anaptychia

Anaptychia bryorum Poelt

A: -; M: KALB & HAFELLNER 1992: 49; C: -

Anaptychia ciliaris (L.) Körb. (incl. var. *melanosticta*)

A: -; M: TAVARES 1952: 379; C: TAVARES 1952: 379

Anaptychia crinalis (Schleich. in Schrad.) Vezda

A: -; M: TAVARES 1952: 379; C: -

Anaptychia fusca >>> *A. runcinata*

Anaptychia galactophylla >>> *Heterodermia g.*

Anaptychia hypoleuca >>> *Heterodermia h.*

Anaptychia intricata >>> *Tornabaea scutellifera*

Anaptychia isidiophora >>> *Heterodermia i.*

Anaptychia kaspica >>> *A. setifera*

Anaptychia leucomelaena >>> *Heterodermia leucomelos*

Anaptychia runcinata (With.) J.R. Laundon (syn.: *A. fusca*)

A: -; M: -; C: KUROKAWA 1962: 16

Anaptychia setifera Mereschk. ex Räsänen (syn. *A. kaspica*)

A: -; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 361

Anaptychia sorediifera >>> *Heterodermia obscurata*

Anaptychia speciosa >>> *Heterodermia s.*

Anaptychia squamulosa >>> *Heterodermia s.*

Anisomeridium

Anisomeridium biforme (Borrer) R.C. Harris (syn. *Arthopyrenia b.*)

A: TAVARES 1952: 355; M: -; C: GIL GONZALEZ & al. 1990: 107

Anomalographis

Anomalographis madeirensis (Tav.) Kalb (syn. *Graphis m.*)

A: -; M: TAVARES 1952: 357; C: -

Anthracotheций

Anthracotheций libricolum (Fée) Müll. Arg.

A: -; M: -; C: TAVARES 1952: 356

Anthracotheций ochraceoflavum (Nyl.) Müll. Arg.

A: -; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 361

Anzia

Anzia centrifuga Haugan

A: -; M: HAUGAN 1992: 46; C: -

Anzia colpodes (Ach.) Stizenb.

A: -; M: -; C: SANCHEZ-PINTO & al. 1989: 344

Aposphaeria

Aposphaeria ramalinae Vouaux

Host: *Ramalina implectens* (1)

A: -; M: -; C: PITARD & HARMAND 1911: 72 (1); according to HAWKSWORTH 1981: 75 identity unclear

Arthonia

Arthonia abeloniae P.M. Jørg.

Host: *Sticta dufourii* (1)

A: -; M: -; C: JØRGENSEN 1969: 338 (1)

Arthonia anglica Coppins

A: -; M: KALB & HAFELLNER 1992: 50; C: -

Arthonia anombrophila Coppins & P. James

A: -; M: KALB & HAFELLNER 1992: 50; C: -

Arthonia cinereopruinosa Schaer.

A: -; M: -; C: HERNANDEZ PADRÓN 1985: 114

Arthonia cinnabarina (DC.) Wallr. (syn. *A. tumidula*)

A: TAVARES 1952: 356; M: KALB & HAFELLNER 1992: 50; ETAYO 1992: 180; C: CHAMPION 1976: 26

Arthonia diploiciae Calatayud & Diederich

Host: *Diploicia canescens* (1)

A: -; M: -; C: HAFELLNER 1995b: 135 (1)

Arthonia dispersa (Schrad.) Nyl.

A: -; M: TAVARES 1952: 356; C: -

Arthonia elegans (Ach.) Almq.

A: PURVIS & JAMES 1993: 5; M: -; C: -

Arthonia epiphyscia Nyl.

Hosts: *Physcia adscendens* (1), *Physcia tribacia* (2)

A: -; M: -; C: HAFELLNER 1995b: 136 (1, 2)

- Arthonia fuliginosa* (Turner & Borrer) Flot.
A: -; M: -; C: GIL GONZALEZ & al. 1990: 107
- Arthonia fuscopurpurea* (Tul.) R. Sant.
Host: *Peltigera* spec. (1)
A: -; M: -; C: HAFELLNER 1995b: 137 (1)
- Arthonia fuscobubella* >>> *A. pelvetii*
- Arthonia galactites* (DC.) Dufour
A: -; M: -; C: TAVARES 1952: 356
- Arthonia gelidae* R. Sant.
Host: *Placopsis gelida* (1)
A: -; M: KALB & HAFELLNER 1992: 50 (1); C: SANTESSON 1986: 1 (1)
- Arthonia glaucomaria* (Nyl.) Nyl.
Host: *Lecanora rupicola* (1)
A: -; M: KALB & HAFELLNER 1992: 51 (1); C: HAWKSWORTH 1982b: 83 (1)
- Arthonia ilicina* Taylor
A: -; M: KALB & HAFELLNER 1992: 52; C: CHAMPION 1976: 27
- Arthonia impolita* >>> *A. pruinata*
- Arthonia insidens* (Vouaux) Clauzade & al. ined. (syn. *Celidium insidens*)
Host: *Ramalina fraxinea* (1)
A: -; M: -; C: PITARD & HARMAND 1911: 70 (1)
- Arthonia lapidicola* (Tayl.) Deichm. & Rostr.
A: -; M: TAVARES 1952: 356; C: HAFELLNER 1995b: 137
- Arthonia pelvetii* (Hepp) H. Olivier (syn. *A. fuscobubella*)
Host: *Pseudocyphellaria aurata* (1)
A: KONDRATYUK & GALLOWAY 1995: 344 (1); M: KALB & HAFELLNER 1992: 51 (1); C: SANTESSON 1994a: 2 (1)
- Arthonia phlyctidicola* (Vouaux) Clauzade & al. ined. (syn. *Celidium phlycticolum*)
Host: *Phlyctis agelaea* (1)
A: -; M: -; C: PITARD & HARMAND 1911: 70 (1)
- Arthonia pruinata* (Pers.) Steud. ex A.L. Sm. (syn. *A. impolita*)
A: APTROOT 1989: 59; M: -; C: -
- Arthonia punctiformis* Ach.
A: -; M: -; C: HAFELLNER 1995b: 137
- Arthonia pyrrhula* Nyl. ex Nyl.
A: -; M: -; C: HAFELLNER 1995b: 137
- Arthonia radiata* (Pers.) Ach.
A: -; M: KALB & HAFELLNER 1992: 51; C: TAVARES 1952: 356
- Arthonia stictaria* Nyl.
Host: not mentioned (1)
A: -; M: STIZENBERGER 1887: 131 (1)(identity uncertain, possibly a reference of *A. pelvetii*); C: -
- Arthonia tavaresii* Grube & Hafellner
Host: *Pyrenula* spec. (1), *Parmentaria chilensis* (2)
A: GRUBE & al. 1995: 40 (1, 2); M: -; C: GRUBE & al. 1995: 40 (1)

***Arthonia thelotrematis* Coppins**

Host: *Thelotrema lepadinum* (1)

A: COPPINS 1992a: 87 (1); M: -; C: -

Arthopyrenia

***Arthopyrenia antecellens* (Nyl.) Arnold**

A: PURVIS & JAMES 1993: 5; ; M: ARVIDSSON & WALL 1985: 41; C: TAVARES 1952: 355

Arthopyrenia bififormis* >>> *Anisomeridium b.

***Arthopyrenia carneobrunneola* Coppins**

A: PURVIS & JAMES 1993: 5; ; M: -; C: -

Arthopyrenia epidermidis* >>> *Leptorhaphis

Arthopyrenia haiodytes* >>> *Pyrenocollema h.

***Arthopyrenia punctiformis* A. Massal.**

A: -; M: -; C: TAVARES 1952: 355

***Arthopyrenia viridescens* Coppins**

A: PURVIS & JAMES 1993: 5; , M: -; C: -

Arthothelium

Arthothelium ilicinum* >>> *Arthonia i.

***Arthothelium lirellans* (Almq.) Coppins**

A: -; M: KALB & HAFELLNER 1992: 52; C: -

***Arthothelium norvegicum* Coppins & Tønberg**

A: -; M: KALB & HAFELLNER 1992: 52; C: -

***Arthothelium reagens* (Coppins & P. James) Coppins & P. James**

A: -; M: KALB & HAFELLNER 1992: 52; C: -

***Arthothelium spectabile* Flot. ex A. Massai.**

A: -; M: -; C: CHAMPION 1976: 27

Arthrosporum

Arthrosporum accline* >>> *A. populorum

***Arthrosporum populorum* A. Massal. (syn. *A. accline*, *Bacidia a.*)**

A: -; M: -; C: TAVARES 1952: 363

Arthrorthaphis

***Arthrorthaphis citrinella* (Ach.) Poelt**

A: -; M: KALB & HAFELLNER 1992: 53; C: -

Aspicilia

***Aspicilia caesiocinerea* (Nyl. ex Malbr.) Arnold (syn. *A. gibbosa*)**

A: -; M: TAVARES 1952: 369; C: EGEA & al. 1987: 40

***Aspicilia calcarea* (L.) Mudd (syn. *Lecanora c.*)**

A: -; M: -; C: TAVARES 1952: 368

***Aspicilia cinerea* (L.) Körb.**

A: -; M: TAVARES 1952: 368; C: EGEA & LLIMONA 1991: 186

Aspicilia contorta (Hoffm.) Kremp. ssp. *contorta*

A: -; M: -; C: TAVARES 1952: 368 (incl. var. *cinereovirens*)

Aspicilia contorta ssp. *hoffmanniana* Ekman & Fröberg in Fröberg (syn. *A. hoffmannii* auct., *Lecanora h.*)

A: -; M: -; C: TAVARES 1952: 369

Aspicilia farinosa (Flörke) Arnold

A: -; M: -; C: TAVARES 1952: 368

Aspicilia gibbosa >>> *A. caesiocinerea*

Aspicilia hoffmannii >>> *A. contorta* ssp. *hoffmanniana*

Aspicilia intermutans (Nyl.) Arnold (syn. *Lecanora i.*)

A: -; M: -; C: TAVARES 1952: 369

Aspicilia malmeana (H. Magn.) Ozenda & Clauzade

A: -; M: -; C: CRESPO & NARANJO 1981: 376

Aspicilia radiosa >>> *Lobothallia r.*

Aspicilia trachytica (A. Massal.) Arnold (syn. *Lecanora trachyticola*)

A: -; M: -; C: TAVARES 1952: 369

Aspicilia viridescens (A. Massal.) Hue

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1987a: 190

Bacidia

Bacidia absistens (Nyl.) Arnold

A: -; M: ETAYO 1992: 180; C: TAVARES 1952: 363

Bacidia acclinis >>> *Arthrosporum populorum*

Bacidia acclinoides (Nyl.) Zahlbr.

A: -; M: -; C: HERTEL 1984b: unpaginiert

Bacidia affinis >>> *B. subincompta*

Bacidia albonigrans (Nyl.) Zahlbr.

A: -; M: TAVARES 1952: 363; C: -

Bacidia apiahica >>> *Bacidina a.*

Bacidia arceutina (Ach.) Arnold

A: -; M: TAVARES 1952: 363; C: TAVARES 1952: 363

Bacidia atrogrisea >>> *B. laurocerasi*

Bacidia auerswaldii (Hepp ex Stizenb.) Mig. (syn. *B. effusa*)

A: -; M: TAVARES 1952: 363; C: COPPINS 1992b: 107

Bacidia canariensis Erichsen

A: -; M: -; C: TAVARES 1952: 363

Bacidia effusa >>> *B. auerswaldii*

Bacidia endoleuca >>> *B. laurocerasi*

Bacidia endoleuroides (Nyl.) Zahlbr.

A: -; M: TAVARES 1952: 363; C: -

Bacidia flavida (Hepp) Tav.

A: -; M: -; C: TAVARES 1952: 363

Bacidia fritzei (Stein) Zahlbr.

A: -; M: TAVARES 1952: 363; C: -

***Bacidia incompta* (Borrer ex Hooker) Anzi**

A: -; M: TAVARES 1952: 363; C: TAVARES 1952: 363

***Bacidia laurocerasi* (Delise ex Duby) Zahlbr. (syn. *B. atrogrisea*, *B. endoleuca*)**

A: TAVARES 1952: 363; M: TAVARES 1952: 363; C: BREUSS 1988: 830

***Bacidia naegeli* >>> *Lecania* n.**

***Bacidea nitschkeana* >>> *Micareia* n.**

***Bacidia propinqua* (Hepp) Arnold**

A: -; M: -; C: GIL GONZALEZ & al. 1990: 107

***Bacidia rosella* (Pers.) De Not.**

A: TAVARES 1952: 363; ; M: -; C: TAVARES 1952: 363

***Bacidia rubella* (Hoffm.) A. Massal.**

A: -; M: -; C: HERNANDEZ PADRÓN 1985: 114

***Bacidia scopulicola* (Nyl.) A.L. Sm.**

A: COPPINS 1992b: 109; M: -; C: -

***Bacidia subacerina* Vain.**

A: ARVIDSSON 1990: 17; M: -; C: TAVARES 1952: 363 (incl. var. *brachysporella*)

***Bacidia subilludens* (Harm.) Zahlbr.**

A: -; M: -; C: TAVARES 1952: 363

***Bacidia subincompta* (Nyl.) Arnold (syn. *B. affinis*)**

A: -; M: TAVARES 1952: 363; C: -

***Bacidia vezdae* >>> *Fellhanera* v.**

Bacidina

***Bacidina apiatica* (Müll. Arg.) Vezda (syn. *Bacidia* a.)**

A: APTRoot 1989: 60; M: TAVARES 1952: 363; C: LUMBSCH & VEZDA 1992: 22

***Bacidina canariensis* Lumbsch & Vezda**

A: -; M: -; C: LUMBSCH & VEZDA 1992: 22

Bactrospora

***Bactrospora carneopallida* Egea & Torrente**

A: -; M: EGEA & TORRENTE 1993a: 226; C: EGEA & TORRENTE 1993a: 226

***Bactrospora dryina* (Ach.) A. Massal.**

A: APTRoot 1989: 60; M: -; C: -

***Bactrospora homalotropa* (Nyl.) Egea & Torrente (syn. *Lecanactis* h.)**

A: PURVIS & ROSE 1992: 284; M: KALB & HAFELLNER 1992: 53, ETAYO 1992: 181; C: TOPHAM & WALKER 1982: 64

***Bactrospora patellarioides* (Nyl.) Almq. (syn. *Lecanactis* p.)**

A: -; M: EGEA 1989b: 138; C: CHAMPION 1976: 28

Baeomyces

***Baeomyces rufus* (Huds.) Rebent.**

A: TAVARES 1952: 364; M: TAVARES 1952: 364; C: TOPHAM & WALKER 1982: 62

Bellemerea

Bellemerea alpina (Sommerf.) Clauzade & Cl. Roux (syn. *Lecanora* a.)

A: -; M: TAVARES 1952: 368; C: -

Biatora

Biatora turgidula (Fr.) Nyl. (syn. *Lecidea* f.)

A: -; M: KALB & HAFELLNER 1992: 53; C: TAVARES 1952: 362 (incl. f. *erumpens*)

Biatorella

Biatorella flavella (Nyl.) Lettau

A: -; M: -; C: TOPHAM & WALKER 1982: 62

Biatorella microhaema Norman

A: -; M: KALB & HAFELLNER 1992: 54; C: -

Biatorella ochrophora (Nyl.) Arnold

A: -; M: KALB & HAFELLNER 1992: 54; C: CHAMPION 1976: 27

Biatoropsis

Biatoropsis usnearum Räsänen

Host: *Usnea* spec. (1)

A: -; M: DIEDERICH & CHRISTIANSEN 1994: 49 (1); C: DIEDERICH & CHRISTIANSEN 1994: 49 (1)

Bilimbia

Bilimbia vouauxii de Lesd.

Host: *Ramalina webbii* (1)

A: -; M: -; C: BOULY DE LESDAIN 1911: 661 (1, identity uncertain)

Bispora

Bispora christiansenii D. Hawksw.

Host: *Biatora turgidula* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Blarneya

Blarneya hibernica D. Hawksw., Coppins & P. James

A: -; M: ETAYO 1992: 180; C: -

Bryonora

Bryonora curvescens (Mudd) Poelt

A: -; M: KALB & HAFELLNER 1992: 54; C: -

Bryophagus

Bryophagus gloeocapsa Nitschke ex Arnold

A: PURVIS & JAMES 1992a: 124; M: KALB & HAFELLNER 1992: 54; C: -

Bryoria

Bryoria bicolor (Ehrh.) Brodo & D. Hawksw. (syn. *Alectoria b.*)

A: -; M: TAVARES 1952: 372; C: ØSTHAGEN & KROG 1976: 222

Bryoria capillaris (Ach.) Brodo & D. Hawksw. (syn. *Alectoria c.*, *Alectoria cana*)

A: -; M: KALB & HAFELLNER 1992: 54; C: TAVARES 1952: 372

Bryoria chalybeiformis auct. (syn. *Alectoria jubata* var. *chalybeiformis*)

A: -; M: -; C: TAVARES 1952: 372; (according to HAWKSWORTH 1982a: 76 a dubious record)

Bryoria fremontii (Tuck.) D. Hawksw.

A: -; M: -; C: HAWKSWORTH 1982a: 76

Bryoria furcellata (Fr.) Brodo & D. Hawksw. (syn. *Alectoria nidulifera*)

A: -; M: HAWKSWORTH & COPPINS 1976: 95; C: ØSTHAGEN & KROG 1976: 222

Bryoria fuscescens (Gyeln.) Brodo & D. Hawksw. (syn. *Alectoria jubata*)

A: -; M: TAVARES 1952: 372 (incl. var. *prolixa*); C: TAVARES 1952: 372

Bryoria implexa (Hoffm.) Brodo & D. Hawksw. (syn. *Alectoria i.*)

A: -; M: -; C: TAVARES 1952: 372

Bryoria implexa var. *cana* >>> *Bryoria capillaris*

Bryoria lanestris (Ach.) Brodo & D. Hawksw.

A: -; M: KALB & HAFELLNER 1992: 55; C: -

Bryoria prolixa (Hoffm.) Brodo & D. Hawksw. (syn. *Alectoria p.*)

A: -; M: -; C: TAVARES 1952: 372

Buellia

Buellia aeruginascens (Nyl.) Zahlbr.

A: -; M: -; C: TAVARES 1952: 377

Buellia aethalea (Ach.) Th. Fr.

A: -; M: -; C: KLEMENT 1965: 577

Buellia alboatra >>> *Diplotomma a.*

Buellia ambigua >>> *Diplotomma a.*

Buellia anomala >>> *Rinodina a.*

Buellia arnoldii Servit

A: -; M: -; C: BREUSS 1988: 830

Buellia badia (Fr.) A. Massal.

A: -; M: KALB & HAFELLNER 1992: 55; C: TOPHAM & WALKER 1982: 62

Buellia caloplacivora >>> *Buellia sequax*

Buellia canescens >>> *Diploicia c.*

Buellia cerussata >>> *Buellia fimbriata*

Buellia disciformis (Fr.) Mudd

A: -; M: ARVIDSSON & WALL 1985: 41; C: KLEMENT 1965: 577

Buellia dispersa A. Massal.

A: -; M: -; C: TAVARES 1952: 377

Buellia ericina (Nyl.) Jatta

A: -; M: -; C: TOPHAM & WALKER 1982: 62

Buellia erubescens Arnold

A: ORANGE & al. 1992: 133; M: -; C: -

Buellia fimbriata (Tuck.) Sheard (syn. *B. cerussata*)

A: -; M: -; C: SCHEIDEGGER 1991: 216 (map); EGEA & LLIMONA 1991: 187

Buellia griseovirens (Turner & Borrer ex Sm.) Almb.

A: APTROOT 1989: 60; M: KALB & HAFELLNER 1992: 55; C: HAFELLNER 1995c: 490

Buellia hypophana (Nyl.) Zahlbr.

A: -; M: KALB & HAFELLNER 1992: 55; C: HAFELLNER 1995c: 490

Buellia italica A. Massal. (syn. *B. lactea*)

A: TAVARES 1952: 377; M: TAVARES 1952: 377; C: TAVARES 1952: 377

Buellia lactea >>> *Buellia italica*

Buellia lauri-cassiae (Fée) Müll. Arg. (syn. *B. triphragmia*)

A: -; M: -; C: TAVARES 1952: 377

Buellia leptina J. Steiner

A: -; M: -; C: TAVARES 1952: 377

Buellia leptocline (Flot.) Körb.

A: -; M: -; C: TAVARES 1952: 377

Buellia leptoclinoides >>> *Hafellia l.*

Buellia lindingeri Erichsen

A: -; M: TAVARES 1952: 377 (acc. to TAVARES, l.c. probably identical with *B. serotina* var. *maderensis*); C: TAVARES 1952: 377

Buellia maritima >>> *B. stellulata*

Buellia margaritacea >>> *Diplotomma nivalis*

Buellia nivalis >>> *Diplotomma n.*

Buellia ocellata (Flot.) Körb.

A: -; M: -; C: SCHEIDEGGER & RUEF 1988: 446

Buellia olivaceofusca (Anzi) Zahlbr.

A: -; M: -; C: CRESPO & NARANJO 1981: 376

Buellia pulverulenta (Anzi) Jatta

Host: *Physcia tribacia* (1), *Physcia* spec. (2)

A: -; M: -; C: HAFELLNER 1995c: 491 (1, 2)

Buellia punctata (Hoffm.) A. Massal. (syn. *Amandinea p.*, *B. punctiformis*)

A: TAVARES 1952: 377; M: TAVARES 1952: 377; C: TAVARES 1952: 377

Buellia regularis Kalb

A: -; M: KALB & HAFELLNER 1992: 56; C: HAFELLNER 1995c: 491

Buellia rinodinoides >>> *Rinodina r.*

Buellia scabrosa >>> *Epilichen s.*

Buellia schaeferi De Not.

A: -; M: -; C: BREUSS 1988: 831

Buellia sequax (Nyl.) Zahlbr. (syn. *B. caloplacivora*)

Host: *Caloplaca marina* (1)

A: -; M: -; C: EGEA & al. 1987: 40 (1)

Buellia serotina var. *maderensis* >>> *B. lindingeri*

Buellia spuria (Schaer.) Anzi

A: -; M: TAVARES 1952: 377; C: -

***Buellia stellulata* (Taylor) Mudd**

A: -; M: TAVARES 1952: 377; C: TAVARES 1952: 377

***Buellia subdisciformis* (Leight.) Vain.**

A: -; M: -; C: TOPHAM & WALKER 1982: 63

Buellia triphragmia* >>> *B. lauri-cassiae

***Buellia vouauxii* Calatayud & Barreno**

Host: *Rhizoplaca melanophthalma* (1)

A: -; M: -; C: CALATAYUD & BARRENO 1995b: 258 (1)

***Buellia vulcani* (Hepp) J. Steiner**

A: -; M: -; C: TAVARES 1952: 377 (incl. f. *variolorosa*)

Buelliella

***Buelliella physciicola* Poelt & Hafellner**

Host: *Phaeophyscia* spec. (1)

A: -; M: -; C: HAFELLNER 1995a: 428 (1)

Byssoloma

***Byssoloma aptrootii* Sérus.**

A: -; M: SÉRUSIAUX 1993: 451; C: SÉRUSIAUX 1993: 451

***Byssoloma leucoblepharum* (Nyl.) Vain. emend. R. Sant.**

A: APTROOT 1989: 60; M: TAVARES 1952: 363; C: HERNANDEZ PADRÓN & al. 1987a: 192

***Byssoloma leucocheiloides* (Nyl.) Zahlbr.**

A: -; M: TAVARES 1952: 363, acc. to SANTESSON (1952: 478) indeterminate;
C: -

***Byssoloma marginatum* (Arnold) Sérus.**

A: -; M: -; C: SÉRUSIAUX 1992: 137

Byssoloma rotuliforme* >>> *B. subdiscordans

***Byssoloma subdiscordans* (Nyl.) P. James (syn. *B. rotuliforme*)**

A: TAVARES 1952: 363; M: TAVARES 1952: 363; C: CHAMPION 1976: 27

Calicium

***Calicium abietinum* Pers.**

A: -; M: KALB & HAFELLNER 1992: 58; C: -

***Calicium hyperelloides* Nyl.**

A: TIBELL 1981: 162; M: -; C: TAVARES 1952: 356

***Calicium lenticulare* Ach.**

A: -; M: KALB & HAFELLNER 1992: 58; C: -

***Calicium lichenoides* (L.) Schumach. (syn. *C. salicinum*, *C. sphaerocephalum*)**

A: -; M: -; C: TAVARES 1952: 356

Calicium salicinum* >>> *C. lichenoides

Calicium sphaerocephalum* >>> *C. lichenoides

***Calicium trabinellum* Ach.**

A: -; M: -; C: TIBELL 1981: 162

Caloplaca

Caloplaca aegatica Giralt, Nimis & Poelt (syn. *C. aurantiaca* auct. pro parte)

A: -; M: GIRALT & al. 1992: 263; C: GIRALT & al. 1992: 263

Caloplaca albolutescens (Nyl.) H. Olivier

A: -; M: -; C: TAVARES 1952: 375

Caloplaca aractina (Fr.) Häyrén (syn. *C. viridirufa* auct.)

A: -; M: -; C: TAVARES 1952: 376

Caloplaca arenaria (Pers.) Müll. Arg.

A: -; M: -; C: TAVARES 1952: 375

Caloplaca aurantia (Pers.) J. Steiner

A: TAVARES 1952: 375; M: -; C: -

Caloplaca aurantiaca >>> *C. flavorubescens*

Caloplaca aurantiellina Harm.

A: -; M: -; C: TAVARES 1952: 375

Caloplaca australis (Arnold) Zahlbr. (syn. *Fulgensia a.*)

A: -; M: -; C: MAHEU & GILLET 1922: 356 (doubtful)

Caloplaca biatorina (A. Massal.) J. Steiner (incl. var. *baumgartneri*)

A: -; M: -; C: KLEMENT 1965: 574

Caloplaca caesiorufa >>> *C. scotoplaca*

Caloplaca carphinea (Fr.) Jatta

A: -; M: TAVARES 1952: 375; C: TAVARES 1952: 375

Caloplaca carphinea var. *scoriophila* >>> *C. scoriophila*

Caloplaca cerina (Ehrh.) Th. Fr. var. *cerina*

A: TAVARES 1952: 375; M: -; C: TAVARES 1952: 375 (incl. f. *fusca*)

Caloplaca cerina var. *muscorum* (A. Massal.) Jatta

A: -; M: -; C: TOPHAM 1982b: 90

Caloplaca chalybaea (Fr.) Müll. Arg.

A: -; M: -; C: TAVARES 1952: 375

Caloplaca chlorina (Flot.) Sandst.

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 10

Caloplaca chrysodeta (Vain. ex Räsänen) Dombr.

A: -; M: KALB & HAFELLNER 1992: 59; C: -

Caloplaca chrysophthalma Degel.

A: ARVIDSSON 1990: 17; M: -; C: HAFELLNER 1995c: 492

Caloplaca citrina (Hoffm.) Th. Fr. (syn. *C. phlogina*)

A: ARVIDSSON 1990: 17; M: TAVARES 1952: 376; C: TAVARES 1952: 376

Caloplaca conglomerata (Bagl.) Jatta

A: -; M: -; C: SANCHEZ-PINTO & al. 1983: 235

Caloplaca congregiens (Nyl.) Zahlbr. (syn. *C. herminica*)

A: -; M: KALB & HAFELLNER 1992: 59; C: TOPHAM & WALKER 1982: 63

Caloplaca conversa (Kremp.) Jatta

A: -; M: EGEA 1989b: 138; C: EGEA & al. 1987: 4

Caloplaca crenularia (With.) J.R. Laundon (syn. *C. festiva*)

A: TAVARES 1952: 376; M: TAVARES 1952: 376; C: TAVARES 1952: 376 (incl. var. *contigua* and var. *plumbea*)

Caloplaca epithallina Lynge

Host: not mentioned (1)

A: -; M: -; C: POELT 1985b: 457 (1)

Caloplaca epitoninia Breuss

Host: *Toninia aromatica* (1)

A: -; M: -; C: BREUSS 1990b: 328 (1)

Caloplaca erythrocarpa (Pers.) Zwackh (syn. *C. lallavei*)

A: -; M: -; C: TAVARES 1952: 376

Caloplaca ferruginea (Huds.) Th. Fr.

A: TAVARES 1952: 376; M: TAVARES 1952: 376; C: TAVARES 1952: 376 (incl. var. *subflavens*)

Caloplaca festiva >>> *C. crenularia*

Caloplaca flavescens (Huds.) J.R. Laundon (syn. *C. heppiana*)

A: APTROOT 1989: 60; M: -; C: CHAMPION 1976: 27

Caloplaca flavorubescens (Huds.) J.R. Laundon (syn. *C. aurantiaca*)

A: -; M: TAVARES 1952: 375; C: TAVARES 1952: 375 (doubtful records, cfr. GIRALT & al. 1992, records may refer to *C. aegatica*)

Caloplaca flavovirescens (Wulfen) Dalla Torre & Sarnth.

A: -; M: -; C: TAVARES 1952: 376

Caloplaca gloriae >>> *C. gomerana*

Caloplaca gomerana J. Steiner (syn. *C. gloriae*)

A: -; M: FOLLMANN 1990: 100; C: TAVARES 1952: 376

Caloplaca grimmiae (Nyl.) H. Olivier

Host: *Candelariella vitellina* (1)

A: -; M: -; C: HAFELLNER 1995c: 492 (1)

Caloplaca haematites (Chaub. ex St.-Amans) Zwackh

A: -; M: -; C: TAVARES 1952: 376

Caloplaca heppiana >>> *C. flavescens*

Caloplaca herbidella (Hue) H. Magn.

A: -; M: -; C: HAFELLNER 1995c: 492

Caloplaca herminica >>> *C. congregiata*

Caloplaca holocarpa (Hoffm.) A.E. Wade

A: -; M: -; C: CHAMPION 1976: 27

Caloplaca interfulgens (Nyl.) J. Steiner

A: -; M: -; C: TAVARES 1952: 376

Caloplaca irubescens (Arnold) Zahlbr. (syn. *C. subsoluta*)

A: ARVIDSSON 1990: 17; M: TAVARES 1952: 376; C: KLEMENT 1965: 575

Caloplaca jungermanniae (Vahl) Th. Fr.

A: -; M: -; C: TAVARES 1952: 376

Caloplaca lactea (A. Massal.) Zahlbr.

A: -; M: -; C: TAVARES 1952: 376 (incl. f. *rubescens*)

Caloplaca lallavei >>> *C. erythrocarpa*

Caloplaca luteoalba (Turner) Th. Fr.

A: APTROOT 1989: 60; M: -; C: -

- Caloplaca marina* (Wedd.) Zahlbr. ex Du Rietz
A: -; M: FOLLMANN 1990: 100; C: TAVARES 1952: 376
- Caloplaca murorum* >>> *C. saxicola*
- Caloplaca obliterans* (Nyl.) Jatta
A: -; M: KALB & HAFELLNER 1992: 59; C: -
- Caloplaca phaeothamnus* Kalb & Poelt
A: -; M: -; C: HAFELLNER 1995c: 493
- Caloplaca phoenicea* (Hepp) Tav.
A: -; M: -; C: TAVARES 1952: 376
- Caloplaca pyracea* (Ach.) Th. Fr.
A: TAVARES 1952: 376; M: TAVARES 1952: 376 (incl. var. *pyrithroma*); C: TAVARES 1952: 376 (incl. f. *vitellinuloides* and f. *xanthopis*)
- Caloplaca sarcopidoides* (Körb.) Zahlbr. (?syn. *C. obscurella*)
A: -; M: KALB & HAFELLNER 1992: 59; C: -
- Caloplaca saxicola* (Hoffm.) Nordin (syn. *C. murorum*)
A: ARVIDSSON 1990: 17; M: TAVARES 1952: 376; C: KLEMENT 1965: 575
- Caloplaca saxicola* ssp. *obliterata* (Pers.) Clauzade & Cl. Roux
A: -; M: TAVARES 1952: 376; C: -
- Caloplaca saxifragarum* Poelt
A: -; M: -; C: TOPHAM & WALKER 1982: 63
- Caloplaca scoriophila* (A. Massal.) Zahlbr. (*C. carphinea* var. *scoriophila*)
A: -; M: BREUSS 1989: 588; C: TAVARES 1952: 375
- Caloplaca scotoplaca* (Nyl.) H. Magn. (syn. *C. caesiorufa* auct.)
A: -; M: -; C: TAVARES 1952: 375
- Caloplaca soledata* >>> *Xanthoria* s.
- Caloplaca stallactitica* >>> *Teloschistes scorigenus*
- Caloplaca stillicidiorum* (Vahl) Lynge
A: -; M: -; C: TAVARES 1952: 376
- Caloplaca subelegans* >>> *Xanthoria resendei*
- Caloplaca subpallida* H. Magn.
A: -; M: -; C: EGEA & al. 1987: 41
- Caloplaca subsoluta* >>> *C. irrucescens*
- Caloplaca variabilis* (Pers.) Müll. Arg.
A: -; M: -; C: TAVARES 1952: 376 (incl. f. *cirrrosa*)
- Caloplaca viridirufa* >>> *C. aractina*
- Caloplaca vitellinula* (Nyl.) H. Olivier
A: -; M: -; C: KLEMENT 1965: 575
- Caloplaca xantholyta* (Nyl.) Jatta
A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 20

Candelaria

- Candelaria concolor* (Dicks.) Stein
A: -; M: -; C: ØSTHAGEN & KROG 1976: 223

Candelariella

Candelariella aurella (Hoffm.) Zahlbr.

A: -; M: -; C: TAVARES 1952: 370

Candelariella vitellina (Ehrh.) Müll. Arg.

A: TAVARES 1952: 370; M: TAVARES 1952: 370; C: TAVARES 1952: 370

Candelariella xanthostigma (Ach.) Lettau (collective species)

A: -; M: -; C: KLEMENT 1965: 560

Canoparmelia

Canoparmelia caroliniana (Nyl.) Elix & Hale (syn. *Parmelia* c., *Pyxine azorea*)

A: TAVARES 1952: 378; M: -; C: -

Canoparmelia crozalsiana (de Lesd.) Elix & al. (syn. *Parmelia* c., *Flavoparmelia* c.)

A: -; M: ARVIDSSON & WALL 1985: 46; C: TAVARES 1952: 370

Canoparmelia texana (Tuck.) Elix & Hale (syn. *Parmelia* t.)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 233

Capronia

Capronia normandinae R. Sant. & D. Hawksw.

Host: *Normandina pulchella* (1)

A: -; M: HAWKSWORTH 1990: 395 (1); C: -

Carbonea

Carbonea distans (Kremp.) Hafellner & Obermayer (syn. *Lecidea* d.)

A: -; M: TAVARES 1952: 362; C: -

Carbonea supersparsa (Nyl.) Hertel (syn. *Lecidea* s.)

Host: not mentioned (1)

A: -; M: -; C: PITARD & HARMAND 1911: 62 (1, identity uncertain)

Carbonea vitellinaria (Nyl.) Hertel (syn. *Lecidea* v., *Nesolechia* v.)

Host: *Candelariella vitellina* (1)

A: -; M: KALB & HAFELLNER 1992: 59 (1); C: PITARD & HARMAND 1911: 61 (1)

Catapyrenium

Catapyrenium cinereum (Pers.) Körb. (syn. *Dermatocarpon hepaticum*)

A: -; M: TAVARES 1952: 355 (possibly *C. squamulosum*, compare BREUSS 1990a!); C: -

Catapyrenium fingens Breuss

A: -; M: -; C: BREUSS 1990a: 79

Catapyrenium imbricatum (Nyl.) Clauzade & CL. Roux

A: -; M: -; C: BREUSS 1988: 831

Catapyrenium lachneum (Ach.) R. Sant.

A: -; M: -; C: TOPHAM & SWINSCOW 1982: 93

Catapyrenium laciniatum (Ach.) Breuss var. *lati-sporum* Breuss

A: -; M: -; C: BREUSS 1990a: 94

Catapyrenium pilosellum Breuss

A: -; M: -; C: BREUSS 1990a: 98

Catapyrenium rufescens (Ach.) Breuss (syn. *Dermatocarpon r.*)

A: -; M: TAVARES 1952: 355; C: -

Catapyrenium semaforonense Breuss

A: -; M: -; C: BREUSS 1990a: 112

Catapyrenium squamulosum (Ach.) Breuss

A: -; M: -; C: BREUSS 1990a: 114

Catapyrenium subrufescens Breuss

A: -; M: -; C: BREUSS 1988: 832

Catillaria

Catillaria atomarioides (Müll. Arg.) Killas

A: -; M: KALB & HAFELLNER 1992: 60; C: -

Catillaria atropurpurea >>> *Catinaria a.*

Catillaria bouteillei >>> *Fellhanera b.*

Catillaria chalybeia (Borrer) A. Massal.

A: -; M: -; C: EGEA & al. 1987: 41

Catillaria grossa >>> *Megalaria g.*

Catillaria intermixta >>> *Megalaria laureri*

Catillaria mediterranea Hafellner (syn. *Scutula pleiospora*)

Host: *Ramalina bourgeana* (1)

A: -; M: -; C: PITARD & HARMAND 1911: 72 (1)

Catillaria nigroclavata (Nyl.) Schuler

A: -; M: KALB & HAFELLNER 1992: 60; C: TAVARES 1952: 363

Catillaria pulverea >>> *Megalaria p.*

Catillaria subfraudulenta Zahlbr.

A: -; M: TAVARES 1952: 363; C: -

Catinaria

Catinaria albocincta >>> *Megalaria a.*

Catinaria atropurpurea (Schaer.) Vezda & Poelt (syn. *Catillaria a.*)

A: -; M: -; C: CHAMPION 1976: 27

Catinaria grossa >>> *Megalaria g.*

Catinaria intermixta >>> *Megalaria laureri*

Catinaria leucoplaca >>> *Megalaria grossa*

Catinaria montana (Nyl.) Vain.

A: -; M: KALB & HAFELLNER 1992: 60; C: -

Cecidonia

Cecidonia umbonella (Nyl.) Triebel & Rambold

Host: *Lecidea lapicida* (1)

A: -; M: KALB & HAFELLNER 1992: 61 (1); C: -

Cecidonia xenophana (Körb.) Triebei & Rambold
Host: *Porpidia* spec. (1)
A: -; M: -; C: TRIEBEL & RAMBOLD 1988: 291 (1)

Celothelium

Celothelium ischnobelum (Nyl.) M.B. Aguirre
A: PURVIS & JAMES 1993: 5; M: -; C: -

Cercidospora

Cercidospora epicarphinea (Nyl.) Grube & Hafellner
Host: *Caloplaca scoriophila* (1)
A: -; M: -; C: GRUBE & HAFELLNER 1990: 337 (1)
Cercidospora epipolytropia (Mudd) Arnold
Host: *Lecanora polytropia* (1)
A: -; M: -; C: HAFELLNER 1996: in print (1)
Cercidospora ulothii Körb.
Hosts: *Lecanora muralis* (1), *L. garovaglii* (2)
A: -; M: -; C: HAFELLNER 1996: in print (1, 2)

Cetraria

Cetraria aculeata >>> *Coelocaulon a.*
Cetraria chlorophylla (Willd.) Vain.
A: -; M: TAVARES 1952: 371; C: TAVARES 1952: 371
Cetraria cucullata >>> *Flavocetraria c.*
Cetraria glauca >>> *Platismatia g.*
Cetraria muricata >>> *Coelocaulon m.*
Cetraria sepincola (Ehrh.) Ach.
A: -; M: TAVARES 1952: 372; C: -

Cetrelia

Cetrelia cetrarioides (Del. ex Duby) W.L. Culb. & C.F. Culb.
A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 23
Cetrelia olivetorum (Nyl.) W.L. Culb. & C.F. Culb. (syn. *Parmelia cetrarioides* var. *rubescens*)
A: TAVARES 1952: 370; M: -; C: TAVARES 1952: 370

Chaenotheca

Chaenotheca brunneola (Ach.) Müll. Arg.
A: -; M: KALB & HAFELLNER 1992: 61; C: TOPHAM & WALKER 1982: 63
Chaenotheca furfuracea (L.) Tibell (syn. *Coniocybe f.*)
A: -; M: TAVARES 1952: 356; C: CHAMPION 1976: 28
Chaenotheca gracilentia (Ach.) Mattson & Middleb.
"Macaronesia": PURVIS & JAMES 1992b: 180

Chiodecton myrticola >>> *Synnesia m.*

Chromatochlamys

Chromatochlamys muscorum (Fr.) H. Mayrhofer & Poelt (syn. *Microglaena lesdainii*)

A: -; M: -; C: TAVARES 1952: 355

Chrysothrix

Chrysothrix candelaris (L.) J.R. Laundon (syn. *Lepraria c.*)

A: TAVARES 1952: 379; M: TAVARES 1952: 379; KALB & HAFELLNER 1992: 61 (strain II); C: TAVARES 1952: 379

Chrysothrix chlorina (Ach.) J.R. Laundon

A: -; M: FOLLMANN 1990: 100; C: HERNANDEZ PADRÓN & al. 1980: 203

Chrysothrix chrysophthalma (P. James) P. James & J.R. Laundon

A: -; M: KALB & HAFELLNER 1992: 61; PURVIS 1992d: 188; C: HAFELLNER 1995b: 139

Cladonia

Cladonia abietiformis Harm.

A: -; M: -; C: TAVARES 1952: 364

Cladonia alcicornis >>> *C. foliacea*

Cladonia alpestris >>> *C. stellaris*

Cladonia arbuscula (Wallr.) Flot. (syn. *C. sylvatica*)

A: TAVARES 1952: 366; M: TAVARES 1952: 366; C: TAVARES 1952: 366 (doubtful)

Cladonia azorica Ahti

A: AHTI 1961: 36; M: -; C: -

Cladonia bacillaris (Ach.) Nyl.

A: -; M: -; C: ØSTHAGEN & KROG 1976: 223

Cladonia bellidiflora (Ach.) Schaer.

A: -; M: TAVARES 1952: 364; C: -

Cladonia borbonica (Delise) Nyl.

A: TAVARES 1952: 364 (incl. f. *cylindrica*); M: -; C: -

Cladonia caespiticia (Pers.) Flörke

A: PURVIS & JAMES 1993: 5; M: TAVARES 1952: 364; C: ØSTHAGEN & KROG 1976: 223

Cladonia capitata >>> *C. peziziformis*

Cladonia cariosa (Ach.) Spreng.

A: -; M: TAVARES 1952: 364; C: TAVARES 1952: 364

Cladonia cervicornis (Ach.) Flot. ssp. *cervicornis* (syn. *C. verticillata* var. *cervicornis*)

A: TAVARES 1952: 366; TAVARES 1952: 366; C: TAVARES 1952: 366

Cladonia cervicornis ssp. *verticillata* (Hoffm.) Ahti (syn. *C. verticillata*)

A: TAVARES 1952: 366 (incl. var. *evoluta*); M: -; C: -

Cladonia chlorophaea (Flörke ex Sommerf.) Spreng.

A: TAVARES 1952: 364; M: TAVARES 1952: 364 (incl. f. *costata*), ALSTRUP 1991: 108; C: TAVARES 1952: 364

Cladonia ciliata Stirton

A: -; M: -; C: RUOSS 1989: 131

Cladonia coccifera (L.) Willd.

A: TAVARES 1952: 364 (incl. f. *alpina*); M: -; C: ØSTHAGEN & KROG 1976: 223

Cladonia coniocraea (Flörke) Spreng.

A: PURVIS & JAMES 1993: 5; M: -; C: KLEMENT 1965: 553

Cladonia convoluta (Lam.) Anders (syn. *C. endiviifolia*, *C. foliacea* var. c.)

A: TAVARES 1952: 365; M: -; C: TAVARES 1952: 365

Cladonia corallifera (Kunze) Nyl.

A: -; M: -; C: TAVARES 1952: 364

Cladonia cornuta (L.) Hoffm.

A: -; M: TAVARES 1952: 364; C: TAVARES 1952: 364

Cladonia cornutoradiata >>> *C. subulata*

Cladonia crispata (Ach.) Flot.

A: -; M: ALSTRUP 1991: 108; C: -

Cladonia cyathomorpha Stirton ex Walt. Watson

A: -; M: -; C: PURVIS & JAMES 1992d: 208

Cladonia decorticata (Flörke) Spreng.

A: -; M: TAVARES 1952: 364; C: KLEMENT 1965: 553

Cladonia deformis (L.) Hoffm.

A: -; M: TAVARES 1952: 364; C: -

Cladonia degenerans >>> *C. phyllophora*

Cladonia delicata >>> *C. parasitica*

Cladonia digitata (L.) Hoffm.

A: -; M: TAVARES 1952: 364; C: TAVARES 1952: 364

Cladonia diversa Asperges

A: PURVIS & JAMES 1993: 5; M: -; C: -

Cladonia fallax Abbayes

A: TAVARES 1952: 364; M: TAVARES 1952: 364; C: TAVARES 1952: 364

Cladonia fimbriata (L.) Fr.

A: -; M: TAVARES 1952: 364 (incl. var. *simplex*); C: TAVARES 1952: 364 (incl. var. *simplex* and f. *exilis*)

Cladonia firma (Nyl.) Nyl. (syn. *C. foliacea* var. f.)

A: PURVIS & JAMES 1993: 5; M: TAVARES 1952: 365; C: KLEMENT 1965: 554

Cladonia flabelliformis >>> *C. polydactyla*

Cladonia floerkeana (Fr.) Flörke

A: TAVARES 1952: 364; M: -; C: -

Cladonia foliacea (Huds.) Willd. (syn. *C. f.* var. *alcicornis*)

A: TAVARES 1952: 365; M: TAVARES 1952: 365; C: TAVARES 1952: 365

Cladonia furcata (Huds.) Schrad.

A: TAVARES 1952: 365 (incl. var. *palamea*); M: TAVARES 1952: 365 (incl. var. *pinnata* and var. *racemosa*); C: TAVARES 1952: 365 (incl. var. *gracillima*, var. *palamea* and var. *pinnata*)

Cladonia gracilis (L.) Willd.

A: TAVARES 1952: 365; M: TAVARES 1952: 365; C: TAVARES 1952: 365

Cladonia gracilis var. *chordalis* (Flörke) Schaer.

A: TAVARES 1952: 365; M: TAVARES 1952: 365; C: -

Cladonia humilis (With.) J.R. Laundon (syn. *C. fimbriata* var. *conista*)

A: TAVARES 1952: 364; M: -; C: GIL GONZALEZ & al. 1990: 107

Cladonia impexa >>> *C. portentosa*

Cladonia krempelhuberi (Vain.) Vain.

A: -; M: -; ØSTHAGEN & KROG 1976: 223 (uncertain)

Cladonia leporina Fr.

A: TAVARES 1952: 365 (doubtful); M: -; C: -

Cladonia macaronesica Ahti (syn. *Cladina m.*)

A: AHTI 1961: 37; M: AHTI 1961: 37; C: FOLLMANN 1970: 18, sub *C. mediterranea* (cfr. FOLLMANN 1978: 379)

Cladonia macilenta Hoffm.

A: TAVARES 1952: 365 (incl. var. *corticata* and var. *squamigera*); M: TAVARES 1952: 365; C: TAVARES 1952: 365 (incl. var. *styracella*)

Cladonia macrophyllodes Nyl.

A: -; M: ALSTRUP 1991: 108; C: -

Cladonia mediterranea P.A. Duvign. & Abbayes (syn. *Cladina m.*)

A: -; M: FOLLMANN 1990: 100; C: AHTI 1961: 126

Cladonia medusina (Borrer) Nyl.

A: -; M: -; C: KLEMENT 1965: 554 (doubtful)

Cladonia merochlorophaea Asahina

A: PURVIS & JAMES 1993: 5; M: -; C: -

Cladonia mitrula Tuck.

A: TAVARES 1952: 365; M: -; C: -

Cladonia nana Vain.

A: APTROOT 1989: 60; M: -; C: -

Cladonia nylanderi Cout.

A: -; M: -; C: KLEMENT 1965: 554 (sub *C. nylanderiana*)

Cladonia ochrochlora Flörke

A: TAVARES 1952: 365; M: TAVARES 1952: 365; C: TAVARES 1952: 365

Cladonia parasitica (Hoffm.) Hoffm. (syn. *C. delicata*)

A: TAVARES 1952: 364 (doubtful); M: -; C: -

Cladonia peziziformis (With.) J.R. Laundon (syn. *C. capitata*)

A: TAVARES 1952: 364; M: -; C: -

Cladonia phyllophora Ehrh. ex Hoffm. (syn. *C. degenerans*)

A: TAVARES 1952: 364; M: -; C: TAVARES 1952: 364 (incl. f. *cladomorpha* and f. *euphorea*)

Cladonia pityrea >>> *C. ramulosa*

- Cladonia pocillum* (Ach.) O.J. Rich. (syn. *C. pyxidata* var. *p.*)
A: -; M: TAVARES 1952: 365; C: TAVARES 1952: 365
- Cladonia polycarpoides* Nyl. (syn. *C. subcariosa*)
A: -; M: -; C: TAVARES 1952: 366
- Cladonia polydactyla* (Flörke) Spreng. (syn. *C. flabelliformis*)
A: TAVARES 1952: 364, 365 (incl. var. *scabriuscula* and var. *tubaeformis*); M: ALSTRUP 1991: 108; C: -
- Cladonia portentosa* (Dufour) Coem. (syn. *C. impexa*, *Cladina portentosa*)
A: -; M: TAVARES 1952: 365 (incl. f. *condensata* and f. *laxiuscula*); C: TAVARES 1952: 365 (incl. f. *laxiuscula*)
- Cladonia pycnoclada* (Gaudich.) Nyl.
A: TAVARES 1952: 365; M: -; C: KLEMENT 1965: 555
- Cladonia pyxidata* (L.) Hoffm.
A: TAVARES 1952: 365; M: TAVARES 1952: 365 (incl. var. *neglecta*); C: TAVARES 1952: 365
- Cladonia ramulosa* (With.) J.R. Laundon (syn. *C. pityrea*)
A: -; M: -; C: TAVARES 1952: 365 (incl. f. *scyphifera*)
- Cladonia rangiferina* (L.) Weber ex F.H. Wigg.
A: TAVARES 1952: 365 (incl. var. *gracilis*); M: TAVARES 1952: 365 (incl. var. *spadicea*), confirmed by ARVIDSSON & WALL 1985: 47; C: TAVARES 1952: 365 (doubtful)
- Cladonia rangiformis* Hoffm.
A: TAVARES 1952: 366; M: TAVARES 1952: 366; C: TAVARES 1952: 366 (incl. var. *muricata*)
- Cladonia rangiformis* var. *pungens* (Ach.) Vain.
A: TAVARES 1952: 366; M: TAVARES 1952: 366 (incl. f. *foliosa*, f. *pumila* and f. *tenuissima*); C: TAVARES 1952: 366 (incl. f. *foliosa*, f. *minor* and f. *nivea*)
- Cladonia rei* Schaer.
A: -; M: -; C: FOLLMANN 1981a: 316
- Cladonia squamosa* (Scop.) Hoffm. var. *squamosa* (incl. var. *denticollis*)
A: TAVARES 1952: 366 (incl. var. *muricella*); M: TAVARES 1952: 366 (doubtful); C: TAVARES 1952: 366 (incl. var. *polychonia*)
- Cladonia squamosa* var. *subsquamosa* (Nyl. ex. Leight.) Vain.
A: TAVARES 1952: 366; M: -; C: -
- Cladonia stellaris* (Opiz) Pouzar & Vezda (syn. *C. alpestris*)
A: TAVARES 1952: 364; M: -; C: TAVARES 1952: 364 (very doubtful)
- Cladonia stereoclada* Abbayes
A: TAVARES 1952: 366; M: TAVARES 1952: 366; C: ØSTHAGEN & KROG 1976: 224
- Cladonia subcervicornis* (Vain.) Kernst.
A: TAVARES 1952: 366 (incl. f. *subregalis*); M: TAVARES 1952: 366 (incl. f. *sterilis*); C: TAVARES 1952: 366
- Cladonia subradiata* (Vain.) L. Scriba
A: APTROOT 1989: 60; M: -; C: -

Cladonia subulata (L.) Weber ex F.H. Wigg. (syn. *C. cornutoradiata*)

A: -; M: TAVARES 1952: 364; C: TAVARES 1952: 364 (incl. f. *furcellata*)

Cladonia sylvatica >>> *C. arbuscula*

Cladonia tenuis (Flörke) Harm.

A: AHTI 1961: 57; M: AHTI 1961: 57; C: -

Cladonia turgida Hoffm.

A: TAVARES 1952: 366 (doubtful); M: -; C: -

Cladonia uncialis (L.) F.H. Wigg.

A: -; M: TAVARES 1952: 366; C: -

Cladonia verticillata >>> *C. cervicornis* ssp. v.

Cladonia vulcanica Zoll.

A: APTROOT 1989: 60; M: -; C: -

Clauzadea

Clauzadea monticola (Ach.) Hafellner & Bellem. (syn. *Lecidea m.*, *Protoblastenia m.*)

A: -; M: -; C: TAVARES 1952: 365

Cliostomum

Cliostomum flavidulum Hafellner & Kalb

A: -; M: KALB & HAFELLNER 1992: 61; C: -

Cliostomum griffithii (Sm.) Coppins

A: -; M: KALB & HAFELLNER 1992: 62; C: -

Clypeococcum

Clypeococcum cladonema (Wedd.) D. Hawksw.

Host: *Neofuscelia verruculifera* (1), *Neofuscelia* spec. (2)

A: -; M: -; C: HAFELLNER 1995a: 429 (1, 2)

Clypeococcum epicrassum (H. Olivier) Nav.-Ros. & Cl. Roux

Host: *Squamaria cartilaginea* (1)

A: -; M: -; C: HAFELLNER 1995a: 429 (1)

Coccocarpia

Coccocarpia erythroxyli (Spreng.) Swinscow & Krog (syn. *C. molybdaea*, *C. parmelioides*)

A: TAVARES 1952: 360; M: TAVARES 1960: 5; C: TAVARES 1952: 360

Coccocarpia palmicola (Spreng.) Arv. & D.J. Galloway

A: ARVIDSSON 1990: 18; M: -; C: -

Coccocarpia parmelioides >>> *C. erythroxyli*

Coelocaulon

Coelocaulon aculeatum (Schreb.) Link (syn. *Cornicularia a.*, *Cetraria a.*)

A: APTROOT 1989: 61; M: TAVARES 1952: 372 (incl. var. *campestris*); C:

TAVARES 1952: 372 (incl. var. *edentula*)

Coelocaulon muricatum (Ach.) J.R. Laundon (syn. *Cornicularia m.*, *Cetraria m.*)
A: -; M: KÄRNEFELT 1986: 68; C: TAVARES 1952: 372

Coenogonium

Coenogonium interplexum Nyl.

A: TAVARES 1952: 358; M: -; C: HERNANDEZ PADRÓN & al. 1992: 143 (identity uncertain)

Collema

Collema auriculatum >>> *C. auriforme*

Collema auriforme (With.) Coppins & J.R. Laundon (syn. *C. auriculatum*)

A: -; M: -; C: CHAMPION 1976: 27

Collema crispum (L.) Weber ex F.H. Wigg.

A: -; M: TAVARES 1952: 359; C: CHAMPION 1976: 27

Collema cristatum (L.) Weber ex F.H. Wigg. (syn. *C. multifidum*)

A: -; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Collema fasciculare (L.) Weber ex F.H. Wigg.

A: -; M: -; C: TAVARES 1952: 359

Collema flaccidum (Ach.) Ach. (syn. *C. rupestre*)

A: TAVARES 1952: 359 (identity uncertain, later referred to *C. subfurvum*); M: -;
C: DEGELIUS 1974: 142

Collema furfuraceum (Arnold) Du Rietz

A: ARVIDSSON 1990: 18; M: TAVARES 1952: 359; C: KLEMENT 1965: 543

Collema fuscovirens (With.) J.R. Laundon (syn. *C. tuniforme*)

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 14

Collema multifidum >>> *C. cristatum*

Collema multipunctatum Degel. (syn. *C. verruciforme*)

A: -; M: -; C: TAVARES 1952: 359

Collema nigrescens (Huds.) DC. (syn. *C. vespertilio*)

A: -; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Collema polycarpon Hoffm. var. *polycarpon*

A: -; M: -; C: BREUSS 1988: 833

Collema pulposum >>> *C. tenax*

Collema rupestre >>> *C. flaccidum*

Collema rysssoleum (Tuck.) A. Schneider

A: -; M: ALSTRUP 1991: 108; C: HERNANDEZ PADRÓN & al. 1980: 199

Collema subflaccidum Degel. (syn. *C. subfurvum*)

A: DEGELIUS 1954: 400; M: TAVARES 1952: 359; C: ØSTHAGEN & KROG 1976: 225

Collema subfurvum >>> *C. subflaccidum*

Collema subnigrescens Degel. (syn. *C. s. f. caesium*, *C. thysanizum*, *C. thysaneum* f. *subpruinoseum*)

A: -; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Collema tenax (Sw.) Ach. emend. Degel. (syn. *C. pulposum*)

A: Henssen 1990b: 2; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Collema thysaneum >>> *C. subnigrescens*
Collema tuniforme >>> *C. fuscovirens*
Collema verruciforme >>> *C. multipunctatum*
Collema vespertilio >>> *C. nigrescens*

Collemopsidium

Collemopsidium calcicolum J. Steiner
A: -; M: -; C: TAVARES 1952: 358

Cornicularia

Cornicularia aculeata >>> *Coelocaulon a.*
Cornicularia muricata >>> *Coelocaulon m.*

Cornutispora

Cornutispora lichenicola D. Hawksw. & B. Sutton
Hosts: *Caloplaca aegatica* (1), not mentioned (2)
A: -; M: -; C: HAWKSWORTH 1992f: 74 (only name mentioned); HAFELLNER 1995a: 430 (1)

Corticifraga

Corticifraga fuckelii (Rehm) D. Hawksw. & R. Sant.
Host: *Peltigera spec.* (1)
A: -; M: -; C: HAFELLNER 1996: in print (1)
Corticifraga peltigerae (Fuckel) D. Hawksw. & R. Sant.
Host: *Peltigera canina* (1)
A: -; M: -; C: HAWKSWORTH & SANTESSON 1990: 129 (1)

Cresponea

Cresponea premnea (Ach.) Egea & Torrente (syn. *Lecanactis p.*)
A: -; M: KALB & HAFELLNER 1992: 68; C: GIL GONZALEZ & al. 1990: 107

Cryptolechia

Cryptolechia carneolutea (Turner) A. Massal.
A: GILBERT 1992: 227; M: GILBERT 1992: 227; C: -

Cyphelium

Cyphelium vouauxii >>> *Thelomma mammosum*

Cystocoleus

Cystocoleus ebeneus (Dillwyn) Twaites
A: -; M: FOLLMANN 1990: 100; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 362

Dactylospora

Dactylospora lobiella (Nyl.) Hafellner

Host: *Lobaria meridionalis* (1)

A: -; M: -; C: HAWKSWORTH 1982b: 83 (1)

Dactylospora parasitica (Flörke) Zopf (syn. *Leciographa inspersa*)

Host: *Pertusaria hymeneae* (1), not mentioned (2)

A: ARVIDSSON 1990: 18 (12; M: -; C: PITARD & HARMAND 1911: 64 (2); the host (2) of the Canarian specimen was later determined by VOUAUX (1913: 476)

Degelia

Degelia atlantica (Degel.) P.M. Jørg. & P. James (syn. *Parmeliella a.*)

A: TAVARES 1952: 359; M: TAVARES 1952: 359; C: -

Degelia ligulata P.M. Jørg. & P. James

A: JØRGENSEN & JAMES 1990: 266; M: JAMES & PURVIS 1992b: 231; C: -

Degelia plumbea (Lightf.) P.M. Jørg. & P. James (syn. *Parmeliella p.*)

A: TAVARES 1952: 360 (incl. var. *myriocarpa*); M: TAVARES 1952: 360; C: TAVARES 1952: 360

Dendrisocaulon

Dendrisocaulon umhausense (Auersw.) Degel. (morph with cyanobacteria of *Lobaria amplissima*)

A: -; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 363

Dermatocarpon

Dermatocarpon fluviatile >>> *D. luridum*

Dermatocarpon hepaticum >>> *Catapyrenium cinereum*

Dermatocarpon leptophyllum (Ach.) K.G.W. Lang

A: -; M: -; C: TAVARES 1952: 355

Dermatocarpon luridum (With.) J.R. Laundon (syn. *D. weberi*, *D. fluviatile*)

A: -; M: TAVARES 1952: 355; C: -

Dermatocarpon miniatum (L.) W. Mann

A: -; M: TAVARES 1952: 355; C: TAVARES 1952: 355

Dermatocarpon miniatum var. *complicatum* (Lightf.) Hellbom

A: -; M: TAVARES 1952: 355; C: -

Dermatocarpon moullinsii (Mont.) Zahlbr.

A: -; M: -; C: CHAMPION 1976: 28

Dermatocarpon nigrocinctum (de Lesd.) Zahlbr.

A: -; M: -; C: TAVARES 1952: 355

Dermatocarpon rufescens >>> *Catapyrenium r.*

Dermatocarpon schaechtelinii Werner

A: -; M: -; C: BREUSS 1995: 139

Dermatocarpon subcrustosum (Nyl.) Zahlbr.

A: -; M: -; C: TAVARES 1952: 355

Dermatocarpon weberi >>> *D. luridum*

Dictyonema

Dictyonema interruptum (Carm. ex J. Hooker) Parmasto

A: COPPINS & JAMES 1979b: 103; M: ARVIDSSON & WALL 1985: 42; C: TOPHAM & WALKER 1982: 64

Dimelaena

Dimelaena oreina (Ach.) Norman (syn. *Rinodina o.*)

A: -; M: -; C: TAVARES 1952: 378 (incl. var. *mougeotioides*)

Dimelaena radiata (Tuck.) Hale & W.L. Culb. (syn. *Rinodina r.*)

A: -; M: LLIMONA & WERNER 1975: 22; C: TAVARES 1952: 378

Dimerella

Dimerella diluta >>> *D. pineti*

Dimerella epiphylla (Müll. Arg.) Malme

A: -; M: FOLLMANN 1990: 100; C: -

Dimerella lutea (Dicks.) Trevis.

A: ARVIDSSON 1990: 18; M: TAVARES 1952: 358; C: BREUSS 1988: 833

Dimerella luteola Kalb

A: -; M: KALB & HAFELLNER 1992: 62; C: -

Dimerella pineti (Ach.) Vezda (syn. *D. diluta*)

A: APTROOT 1989: 61; M: KALB & HAFELLNER 1992: 63; C: HERNANDEZ PADRÓN 1985: 116

Diploicia

Diploicia canescens (Dicks.) A. Massal. (syn. *Buellia c.*)

A: TAVARES 1952: 377; M: TAVARES 1952: 377; C: TAVARES 1952: 377

Diploicia subcanescens (Werner) Hafellner & Poelt

A: APTROOT 1989: 61; M: FOLLMANN 1990: 100; C: KLEMENT 1965: 5

Diploschistes

Diploschistes actinostomus (Pers. ex Ach.) Zahlbr.

A: LUMBSCH 1989: 155; M: TAVARES 1952: 358; C: TAVARES 1952: 358

Diploschistes aggregatus >>> *D. scruposus*

Diploschistes albescens >>> *D. diacapsis*

Diploschistes bisporus (Bagl.) J. Steiner

A: -; M: -; C: ALMBORN 1991: not paginated

Diploschistes bryophilus >>> *D. muscorum*

Diploschistes caesioplumbeus (Nyl.) Vain.

A: LUMBSCH 1989: 163; M: FOLLMANN 1990: 100; C: BREUSS 1988: 833

Diploschistes candidissimus (Kremp.) Zahlbr.

A: -; M: -; C: LUMBSCH & VEZDA 1992: 24

Diploschistes diacapsis (Ach.) Lumbsch (syn. *D. albescens*, *D. steppicus*)

A: LUMBSCH 1989: 167; M: LUMBSCH 1989: 167; C: KLEMENT 1965: 542

Diploschistes gypsaceus (Ach.) Zahlbr.

A: TAVARES 1952: 358; M: TAVARES 1952: 358; C: TAVARES 1952: 358

Diploschistes interpediens >>> *D. scruposus*

Diploschistes muscorum (Scop.) R. Sant. (syn. *D. bryophilus*)

A: APTROOT 1989: 61; M: -; C: TAVARES 1952: 358

Diploschistes ocellatus (Vill.) Norman

A: LUMBSCH 1989: 181; M: -; C: TAVARES 1952: 358

Diploschistes scruposus (Schreb.) Norman (syn. *D. aggregatus*, *D. interpediens*, *D. variolarius*)

A: TAVARES 1952: 358; M: TAVARES 1952: 358 (incl. var. *arenarius*); C:

TAVARES 1952: 358

Diploschistes steppicus >>> *D. diacapsis*

Diploschistes variolarius >>> *D. scruposus*

Diplotomma

Diplotomma alboatrum (Hoffm.) Flot. (syn. *Buellia a.*)

A: -; M: TAVARES 1952: 377; C: TAVARES 1952: 377

Diplotomma ambiguum (Ach.) Flagey (syn. *Buellia a.*)

A: ARVIDSSON 1990: 17; M: -; C: -

Diplotomma chlorophaeum (Hepp ex Leight.) Szatala (syn. *Buellia c.*)

A: PURVIS 1992e: 239; M: -; C: -

Diplotomma nivalis (Bagl. & Carestia) Hafellner (syn. *B. nivalis*, *B. margaritacea* auct.)

Host: *Caloplaca erythrocarpa* (1)

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1987a: 190 (1)

Dirina

Dirina approximata ssp. *africana* >>> *D. paradoxa* subsp. *africana*

Dirina ceratoniae (Ach.) Fr.

A: -; M: FOLLMANN 1990: 100; C: CHAMPION 1976: 28

Dirina insulana (Tav.) Tehler (syn. *Enterographa i.*)

A: -; M: TAVARES 1952: 357; C: EGEA 1989b: 86

Dirina insulana f. *sorediata* Tehler

A: APTROOT 1989: 61; M: TEHLER 1983: 44; C: -

Dirina massiliensis Durieu & Mont. (syn. *D. repanda*)

A: -; M: -; C: TAVARES 1952: 357

Dirina massiliensis f. *sorediata* >>> *D. sorediata*

Dirina paradoxa (Fée) Tehler subsp. *africana* (Fée) Tehler

A: -; M: -; C: TEHLER 1983: 39

Dirina repanda >>> *D. massiliensis*

Dirina sorediata Müll. Arg. (syn. *D. massiliensis* f. *sorediata*)

A: -; M: EGEA 1989b: 138; C: HERNANDEZ PADRÓN & al. 1987a: 190; EGEA & al. 1987: 42

Dirina stenhammari (Arnold) Poelt & Follmann

A: -; M: -; C: FOLLMANN 1993: 178, 183 (map), 190

Dirinaria

Dirinaria applanata (Fée) D.D. Awasthi

A: JØRGENSEN 1973: 5; M: ARVIDSSON & WALL 1985: 42; C: ØSTHAGEN & KROG 1976: 225

Dirinaria picta (Sw.) Clem. & Shear (syn. *Physcia picta*)

A: TAVARES 1952: 378 (doubtful, see JØRGENSEN 1973: 5); M: -; C: -

Endocarpon

Endocarpon pusillum Hedw.

A: -; M: TAVARES 1952: 355; C: GILBERT 1982: 91

Endococcus

Endococcus alpestris >>> *E. apicicolus*

Endococcus apicicolus (J. Steiner) R. Sant. (syn. *Sorothelia apicicola*, *Endococcus alpestris*)

Host: *Usnea submollis* var. *ferroensis* (1)

A: -; M: -; C: STEINER 1904: 447 (1)

Endococcus macrosporus (Hepp ex Arnold) Nyl. (syn. *E. stigma* auct.)

Host: *Rhizocarpon tinei* (1)

A: -; M: -; C: HAWKSWORTH 1982b: 83 (1)

Endococcus rugulosus Nyl.

Host: *Lecidea lapicida* (1)

A: -; M: KALB & HAFELLNER 1992: 63 (1); C: -

Enterographa

Enterographa crassa (DC.) Fée (syn. *E. venosa*)

A: TAVARES 1952: 357; M: TAVARES 1952: 357; C: TAVARES 1952: 357

Enterographa elaborata (Lyell ex Leight.) Coppins & P. James

A: COPPINS & JAMES 1979a: 38; M: JAMES & DOBSON 1992: 242; C: ETAYO 1993: 187

Enterographa graphidioides >>> *Schismatomma ricasolii*

Enterographa hutchinsiae (Leight.) A. Massal.

A: JAMES & DOBSON 1992: 242; M: JAMES & DOBSON 1992: 242; C: -

Enterographa insulana >>> *Dirina i.*

Enterographa pitardii (de Lesd.) Redinger

A: TAVARES 1952: 357; M: -; C: TAVARES 1952: 357

Enterographa venosa >>> *E. crassa*

Enterographa zonata (Körb.) Källsten in Torrente & Egea (syn. *Opegrapha z.*)

A: -; M: TAVARES 1952: 357; C: -

Ephebe

Ephebe lanata (L.) Vain.

A: APTROOT 1989: 61; M: -; C:

Epigloea

Epigloea soleiformis Döbbele

A: PURVIS & al. 1994: 39; M: -; C: -

Epilichen

Epilichen scabrosus (Ach.) Clem.

Host: not mentioned (1)

A: PURVIS & al. 1994: 39 (1); M: -; C: -

Erioderma

Erioderma chilense Mont.

A: ARVIDSSON 1990: 19; M: -; C: -

Erioderma mollissimum (Samp.) Du Rietz

A: -; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Erioderma wrightii Tuck.

A: TAVARES 1952: 360 (according to ARVIDSSON 1990: 19 the records from the Acores belong to *E. chilense*); M: -; C: -

Euopsis

Euopsis granatina (Sommerf.) Nyl.

A: -; M: KALB & HAFELLNER 1992: 64; C: -

Evernia

Evernia divaricata (L.) Ach.

A: TAVARES 1952: 372 (doubtful); M: -; C: -

Evernia prunastri (L.) Ach.

A: -; M: TAVARES 1952: 372; C: TAVARES 1952: 372

Everniastrum

Everniastrum sorocheilum (Vain.) Hale ex Sipman (syn. *Parmelia* s.)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 231

Farnoldia

Farnoldia micropsis (A. Massal.) Hertel (syn. *Lecidea rhaetica*)

A: -; M: TAVARES 1952: 362; C: -

Fellhanera

Fellhanera bouteillei (Desm.) Vezda (syn. *Catillaria* b.)

A: PURVIS & JAMES 1993: 5; M: TAVARES 1952: 363; C: -

Fellhanera buxi (Vezda & Vivant) Vezda

A: -; M: -; C: LUMBSCH & VEZDA 1992: 25

Fellhanera christiansenii Sérus. & Vezda

A: -; M: -; C: VEZDA 1994a: 130

Fellhanera vezdae (Coppins & P. James) V. Wirth

A: -; M: KALB & HAFELLNER 1992: 64; C: TOPHAM & WALKER 1982: 62

Fissurina quadrispora Kalb

A: -; M: KALB & HAFELLNER 1992: 64; C: -

Flavocetraria

Flavocetraria cucullata (Bellardi) Kärnefelt & Thell (syn. *Cetraria* c.)

A: TAVARES 1952: 372 (doubtful); M: -; C: -

Flavoparmelia

Flavoparmelia caperata (L.) Hale (syn. *Parmelia* c.)

A: TAVARES 1952: 370; M: TAVARES 1952: 370; C: TAVARES 1952: 370

Flavoparmelia crozalsiana >>> *Canoparmelia* c.

Flavoparmelia soledians (Nyl.) Hale (syn. *Parmelia* s.)

A: TAVARES 1952: 371; M: -; C: KLEMENT 1965: 566

Fulgensia

Fulgensia canariensis Follmann & Poelt

A: -; M: KALB & HAFELLNER 1992: 65; C: FOLLMANN & POELT 1981: 370;
FOLLMANN 1981b: 380

Fulgensia desertorum (Tomin) Poelt

A: -; M: FOLLMANN 1990: 100; C: FOLLMANN & POELT 1981: 375

Fulgensia fulgens (Sw.) Elenkin

A: TAVARES 1952: 376; M: -; C: TAVARES 1952: 376

Fulgensia schistidii (Anzi) Poelt

A: -; M: -; C: NIMIS & POELT 1987: 103

Fuscidea

Fuscidea lightfootii (Sm.) Coppins & P. James

A: -; M: KALB & HAFELLNER 1992: 65; C: -

Fuscopannaria

Fuscopannaria leucophaea (Vahl) P.M. Jørg. (syn. *Pannaria* l., *Parmeliella microphylla*)

A: TAVARES 1952: 359; M: TAVARES 1952: 359; C: PURVIS 1992k: 420
("Macaronesia")

Fuscopannaria leucosticta (Tuck.) P.M. Jørg. (syn. *Pannaria* l.)

A: APTROOT 1989: 63; M: TAVARES 1952: 360; C: KLEMENT 1965: 545

Fuscopannaria mediterranea (Tav.) P.M. Jørg. (syn. *Pannaria* m.)

A: JØRGENSEN 1978: 44; M: TAVARES 1965a: 5; C: CHAMPION 1976: 29

Fuscopannaria olivacea (P.M. Jørg.) P.M. Jørg. (syn. *Pannaria* o.)

A: -; M: JØRGENSEN 1978: 49; C: -

Gloeoheppia

Gloeoheppia turgida (Ach.) Gyeln. (syn. *Heppia t.*)

A: -; M: -; C: SWINSCOW 1982: 80

Gloeoheppia erosa (J. Steiner) K. Marton

A: -; M: -; C: HENSSEN 1995a: 271

Gloeoheppia rugosa Henssen

A: -; M: -; C: HENSSEN 1995a: 273

Glyphis

Glyphis cicatricosa Ach.

A: TAVARES 1952: 357; M: -; C: -

Glypholecia

Glypholecia scabra (Pers.) Müll. Arg.

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1987a: 191

Glyphopeltis

Glyphopeltis ligustica (de Lesd.) Timdal

A: -; M: TIMDAL 1988: 102; C: HAFELLNER 1995c: 493

Gomphillus

Gomphillus calycioides (Delise) Nyl.

A: PURVIS & JAMES 1993: 5; M: TAVARES 1952: 364; C: CHAMPION 1976: 28

Gonohymenia

Gonohymenia algerica >>> *Lichinella a.*

Gonohymenia cribellifera >>> *Lichinella c.*

Gonohymenia cribellifera var. *macrospora* >>> *Lichinella c.* var. *m.*

Gonohymenia nigritella >>> *Lichinella n.*

Gonohymenia undulata >>> *Lichinella u.*

Graphina

Graphina anguina (Mont.) Müll. Arg.

A: -; M: TAVARES 1952: 357; C: -

Graphis

Graphis elegans (Borrer ex Sm.) Ach.

A: APTROOT 1989: 61; M: KALB & HAFELLNER 1992: 65; C: TOPHAM & WALKER 1982: 64

Graphis insidiosa (C. Knight & Mitt.) Hook. f.

A: ARVIDSSON 1990: 19; M: -; C: -

Graphis lineola Ach.

A: -; M: TAVARES 1952: 357 (doubtful); C: -

Graphis madeirensis >>> *Anomalographis madeirensis*

***Graphis scripta* (L.) Ach.**

A: APTROOT 1989: 61; M: ALSTRUP 1991: 108; C: TAVARES 1952: 357

***Graphis triticea* Nyl.**

A: APTROOT 1989: 61; M: KALB & HAFELLNER 1992: 65; C: -

Gyalecta

***Gyalecta jenensis* (Batsch) Zahlbr.**

A: -; M: TAVARES 1952: 358 (incl. f. australis); C: TAVARES 1952: 358

***Gyalecta schisticola* Werner**

A: HENSSEN 1995b: 125; M: KALB & HAFELLNER 1992: 66; C: EGEA & al. 1987: 42

***Gyalecta ulmi* (Sw.) Zahlbr.**

A: TAVARES 1952: 358; M: -; C: -

Gyalectidium

***Gyalectidium filicinum* Müll. Arg.**

A: -; M: ARVIDSSON & WALL 1985: 42; C: -

Gyalidea

***Gyalidea hyalinescens* (Nyl.) Vezda**

A: APTROOT 1989: 61; M: -; C: -

***Gyalidea madeirensis* Kalb**

A: -; M: KALB & HAFELLNER 1992: 66; C: -

Gyalideopsis

***Gyalideopsis anastomosans* P. James & Vezda**

A: GIAVARINI & JAMES 1992: 264 (determination uncertain); M: KALB & HAFELLNER 1992: 66; C: -

***Gyalideopsis muscicola* P. James & Vezda**

A: PURVIS & al. 1994: 39; M: -; C: -

Haematomma

***Haematomma caesium* >>> *Mycoblastus* c.**

***Haematomma elatinum* >>> *Loxospora* e.**

Haematomma leprarioides* auct. >>> *H. sorediatum

Haematomma neglectum* >>> *H. sorediatum

***Haematomma ochroleucum* (Neck.) J.R. Laundon (syn. *H. coccineum* var. o.)**

A: -; M: TAVARES 1952: 370; C: -

***Haematomma ochroleucum* var. *porphyrium* (Pers.) J.R. Laundon (syn. *H. coccineum* f. *leiphaemum*)**

A: -; M: TAVARES 1952: 370; C: TOPHAM & WALKER 1982: 64

***Haematomma sorediatum* R.W. Rogers (syn. *H. leprarioides* auct. non Vain., *H. neglectum*)**

A: -; M: TAVARES 1952: 370; LUMBSCH & FEIGE 1994: 430; C: -

Hafellia

Hafellia leptoclinoides (Nyl.) Scheid. & H. Mayrhofer (syn. *Buellia l.*)

A: -; M: -; C: TAVARES 1952: 377

Helocarpon

Helocarpon corticolum Breuss

A: -; M: -; C: BREUSS 1990b: 330

Heppia

Heppia adglutinata (Kremp.) A. Massal

A: -; M: -; C: VEZDA 1995a: 2

Heppia despreauxii (Mont.) Tuck. (syn. *Heppia gigantea*)

A: -; M: -; C: TAVARES 1952: 359

Heppia erosa J. Steiner

A: -; M: -; C: EGEA 1989a: 42

Heppia euploca >>> *Peltula e.*

Heppia gigantea >>> *H. despreauxii*

Heppia lutosa (Ach.) Nyl.

A: -; M: -; C: SWINSCOW 1982: 80

Heppia psammophila >>> *Peltula p.*

Heppia reticulata >>> *H. solerinoides*

Heppia solerinoides (Nyl.) Nyl. (syn. *H. reticulata*)

A: -; M: -; C: SWINSCOW 1982: 79

Heppia turgida >>> *Gloeoheppia t.*

Heppia virescens (Kremp.) A. Massal.

A: -; M: -; C: HENSSEN 1994: 63

Herteliana

Herteliana taylorii (Salwey) P. James

A: HAWKSWORTH 1992b: 270; M: HAWKSWORTH 1992a: 270; C: -

Heterodermia

Heterodermia albicans (Pers.) Swinscow & Krog

A: -; M: -; C: ØSTHAGEN & KROG 1976: 225

Heterodermia boryi (Fée) Hale

A: -; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 364

Heterodermia dentritica var. *propagulifera* >>> *H. p.*

Heterodermia galactophylla (Tuck) W.L. Culb. (syn. *Anaptychia g.*)

A: TAVARES 1952: 379; M: -; C: -

Heterodermia hypoleuca (Muhl.) Trevis.

A: -; M: -; C: TAVARES 1952: 379

Heterodermia isidiophora (Nyl.) D.D. Awasthi

A: MIES & LÖSCH 1995: 193; M: MIES & LÖSCH 1995: 193; C: MIES & LÖSCH 1995: 193 (map)

Heterodermia japonica (M. Sato) Swinscow & Krog

A: APTROOT 1989: 61; M: ARVIDSSON & WALL 1985: 42; C: ØSTHAGEN & KROG 1976: 226

Heterodermia leucomelos (L.) Poelt (syn. *H. leucomelaena*, *Anaptychia leucomelaena*)

A: TAVARES 1952: 379 (incl. var. *latifolia* and var. *multifida*); M: TAVARES 1952: 379 (incl. var. *angustifolia*); C: TAVARES 1952: 379 (incl. var. *latifolia* and var. *multifida*)

Heterodermia lutescens (Kurok.) Follmann

A: APTROOT 1989: 62; M: -; C: -

Heterodermia obscurata (Nyl.) Trevis. (syn. *Anaptychia sorediifera*)

A: TAVARES 1952: 379; M: TAVARES 1952: 379; C: TAVARES 1952: 379

Heterodermia propagulifera (Vain.) J.P. Dey

A: -; M: KALB & HAFELLNER 1992: 67; C: -

Heterodermia pseudospeciosa (Kurok.) W.L. Culb.

A: -; M: KALB & HAFELLNER 1992: 67; C: -

Heterodermia speciosa (Wulfen) Trevis. (syn. *Anaptychia* s.)

A: TAVARES 1952: 379 (incl. var. *sorediosa*); M: TAVARES 1952: 379; C: TAVARES 1952: 379

Heterodermia squamulosa (Degel.) W.L. Culb. (syn. *Anaptychia* s.)

A: -; M: TAVARES 1952: 379; C: -

Homostegia

Homostegia piggotii (Berk. & Broome) P. Karst.

Hosts: *Parmelia saxatilis* (1), *P. omphalodes* (2)

A: -; M: STEIN 1883: 233 (?as *Phaeospora fritzei*); KALB & HAFELLNER 1992: 67 (1, 2); C: HAFELLNER 1996: in print (1)

Hymenelia

Hymenelia lacustris (With.) M. Choisy

A: -; M: KALB & HAFELLNER 1992: 68; C: -

Hyperphyscia

Hyperphyscia adglutinata (Flörke) H. Mayrhofer & Poelt

A: APTROOT 1989: 62; M: ARVIDSSON & WALL 1985: 43; C: FOLLMANN 1976a: 270

Hypocenyomyce

Hypocenyomyce friesii (Ach.) P. James & Gotth. Schneid.

A: -; M: -; C: HERNANDEZ PADRÓN 1985: 123

Hypocenyomyce scalaris (Ach.) M. Choisy

A: APTROOT 1989: 62; M: -; C: HAFELLNER 1995c: 493

Hypogymnia

Hypogymnia laminisorediata D. Hawksw. & Poelt

A: -; M: -; C: ØSTHAGEN & KROG 1976: 227

Hypogymnia maderensis (Tav.) D. Hawksw. (syn. *Parmelia m.*)

A: -; M: TAVARES 1952: 347; C: -

Hypogymnia physodes (L.) Nyl. (syn. *Parmelia p.*)

A: -; M: TAVARES 1952: 371 (Incl. var. *labrosa*); C: TAVARES 1952: 371 (incl. f. *nigrovittata*)

Hypogymnia tavaresii D. Hawksw. & P. James

A: -; M: -; C: HAWKSWORTH 1973: 454

Hypogymnia tubulosa (Schaer.) Hav. (syn. *Parmelia t.*)

A: -; M: ARVIDSSON & WALL 1985: 43; C: TAVARES 1952: 371

Hypogymnia vittata (Ach.) Parrique (syn. *Parmelia v.*)

A: -; M: TAVARES 1952: 371 (incl. var. *chalybaea*); C: TAVARES 1952: 371

Hypotrachyna

Hypotrachyna costaricensis (Nyl.) Hale

A: ARVIDSSON 1990: 20; M: -; C: -

Hypotrachyna endochlora (Lelght.) Hale (syn. *Parmelia e.*)

A: TAVARES 1952: 371 (?as *Parmelia l.* var. *l. f. roseoreagens*); M: ARVIDSSON & WALL 1985: 43; TAVARES 1952: 371 (?as *Parmelia l.* var. *l. f. roseoreagens*); C: KLEMENT 1965: 565

Hypotrachyna imbricatula (Zahlbr.) Hale

A: APTROOT 1989: 62; M: -; C: -

Hypotrachyna laevigata (Sm.) Hale (syn. *Parmelia l.*)

A: TAVARES 1952: 370; M: ALSTRUP 1991: 108; C: VEZDA 1994c: 3

Hypotrachyna microblasta (Vain.) Hale

A: APTROOT 1989: 62; M: -; C: -

Hypotrachyna pulvinata (Fée) Hale

A: APTROOT 1989: 62; M: -; C: -

Hypotrachyna pseudosinuosa (Asahina) Hale (syn. *Parmelia p.*)

A: ARVIDSSON 1990: 21; M: -; C: ØSTHAGEN & KROG 1976: 230

Hypotrachyna rachista (Hale) Hale (syn. *Parmelia lobulifera* var. *sanguineoreagens*)

A: -; M: TAVARES 1952: 371; C: -

Hypotrachyna revoluta (Flörke) Hale (syn. *Parmelia r.*)

A: TAVARES 1952: 371; M: TAVARES 1952: 371 (Incl. f. *latifolia*); C: TAVARES 1952: 371

Hypotrachyna rockii (Zahlbr.) Hale (syn. *Parmelia r.*)

A: APTROOT 1989: 62; M: ARVIDSSON & WALL 1985: 43; C: ØSTHAGEN & KROG 1976: 231

Hypotrachyna sinuosa (Sm.) Hale (syn. *Parmelia s.*)

A: TAVARES 1952: 371; M: TAVARES 1952: 371; C: ØSTHAGEN & KROG 1976: 231

Hypotrachyna taylorensis (M.E. Mitch.) Hale (syn. *Parmelia t.*)

A: -; M: TAVARES 1964: 139; C: -

Icmadophila

Icmadophila ericetorum (L.) Zahlbr.

A: -; M: -; C: TAVARES 1952: 369

Karschia

Karschia latypizae (Harm.) Keissl.

Host: *Lecidella carpathica* (1)

A: -; M: -; C: PITARD & HARMAND 1911: 65 (1, identity uncertain)

Karschia talcophila var. *irregularis* >>> *Melaspilea canariensis*

Karschia scabrosa >>> *Epilichen s.*

Laeviomyces

Laeviomyces opeggraphae D. Hawksw.

Host: *Opeggrapha vulgata* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Laeviomyces pertusariicola (Nyl.) D. Hawksw.

Host: *Pertusaria spec.* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Lasallia

Lasallia pustulata (L.) Mérat (syn. *Umbilicaria p.*)

A: -; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Lauderlindsaya

Lauderlindsaya borreii (Tul.) J.C. David & D. Hawksw.

Host: *Normandina pulchella* (1)

A: -; M: -; C: KLEMENT 1965: 535 (1, sub *Normandina pulchella* fertil)

Lecanactis

Lecanactis abietina (Ach.) Körb.

A: -; M: KALB & HAFELLNER 1992: 68; C: BREUSS 1988: 835

Lecanactis amylacea >>> *Lecanographa a.*

Lecanactis grumulosa >>> *Lecanographa g.*

Lecanactis hierrensis Follmann & Hern.-Padr. (nomen nudum)

A: -; M: -; C: FOLLMANN & HUNECK 1980: 453

Lecanactis homalotropa >>> *Bactrospora h.*

Lecanactis latebrarum (Ach.) Arnold (syn. *Lepraria l.*)

A: -; M: -; C: GIL GONZALEZ & al. 1990: 107

Lecanactis monstrosa >>> *Lecanographa grumulosa*

Lecanactis patellarioides >>> *Bactrospora p.*

Lecanactis premnea >>> *Cresponea p.*

Lecanactis subabietina Coppins & P. James

A: COPPINS & JAMES 1979c: 141; M: PURVIS & ROSE 1992: 285; C: GIL GONZALEZ & al. 1990: 107

Lecania

Lecania cyrtella (Ach.) Th. Fr.

A: -; M: TAVARES 1952: 370; C: BREUSS 1988: 835

Lecania cyrtellina (Nyl.) Sandst.

A: -; M: -; C: BREUSS 1988: 835

Lecania erysibe (Ach.) Mudd

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 17

Lecania naegei (Hepp) Diederich & Van den Boom (syn. *Bacidia n.*)

A: -; M: -; C: TOPHAM & WALKER 1982: 61

Lecania prosechoides (Nyl.) H. Olivier

A: -; M: -; C: EGEA & al. 1987: 42

Lecania rabenhorstii (Hepp) Arnold (syn. *L. erysibe* var. *r.*)

A: -; M: -; C: TAVARES 1952: 370

Lecania spadicea (Flot.) Zahlbr.

A: -; M: -; C: HAFELLNER 1995c: 493

Lecania turicensis (Hepp) Müll. Arg.

A: -; M: EGEA 1989b: 138; C: -

Lecanographa

Lecanographa amyiacea (Ehrh. ex Pers.) Egea & Torrente (syn. *Lecanactis a.*)

A: -; M: -; C: HERNANDEZ PADRÓN 1987: 176

Lecanographa dialeuca (Cromb.) Egea & Torrente (syn. *Opegrapha d.*)

A: -; M: EGEA 1989b: 94; C: FOLLMANN & KLEMENT 1970: 819

Lecanographa grumuiosa (Dufour) Egea & Torrente (syn. *Lecanactis g.*)

A: -; M: TAVARES 1952: 356; C: HERNANDEZ PADRÓN & al. 1980: 201

Lecanora

Lecanora achariana A.L. Sm.

A: TAVARES 1952: 368 (doubtful); M: -; C: -

Lecanora agustini Erichsen

A: -; M: -; C: TAVARES 1952: 368

Lecanora albei (Pers.) Ach. (syn. *L. pallida*)

A: ARVIDSSON 1990: 21; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora albescens (Hoffm.) Branth & Rostr.

A: -; M: TAVARES 1952: 368; C: -

Lecanora allophana Nyl.

A: -; M: TAVARES 1952: 368; C: CHAMPION 1976: 28

Lecanora alpina >>> *Bellemerea a.*

Lecanora argopholis (Ach.) Ach. (syn. *L. frustulosa* auct.)

A: -; M: -; C: TAVARES 1952: 368

Lecanora atra >>> *Tephromela a.*

Lecanora atosulphurea (Wahlenb.) Ach.

A: -; M: -; C: TAVARES 1952: 368

Lecanora atrynea >>> *L. cenisia*

Lecanora badia >>> *Protoparmelia b.*

Lecanora basaltigena Hepp (nomen nudum)

A: -; M: TAVARES 1952: 368; C: -

Lecanora bolcana (Pollini) Poelt

A: -; M: KALB & HAFELLNER 1992: 68; C: FOLLMANN & HUNECK 1970b: 6

Lecanora calcarea >>> *Aspicilia c.*

Lecanora campestris (Schaer.) Hue

A: -; M: TAVARES 1952: 368; C: TAVARES 1952: 368

Lecanora cancriformis (Hoffm.) Vain.

A: TAVARES 1952: 368; M: TAVARES 1952: 368; C: -

Lecanora carpineae (L.) Vain.

A: -; M: -; C: HAFELLNER 1995c: 494

Lecanora cenisia Ach. (syn. *L. atrynea*)

A: -; M: -; C: TAVARES 1952: 368

Lecanora charodes Nyl.

A: -; M: TAVARES 1952: 368; C: TAVARES 1952: 368 (incl. var. *sphaerocarpa*)

Lecanora chlarona >>> *L. pulicaris*

Lecanora chlarotera Nyl.

A: -; M: TAVARES 1952: 368; C: TAVARES 1952: 368

Lecanora circumborealis Brodo & Vitik. (syn. *L. coilocarpa* auct.)

A: -; M: TAVARES 1952: 368; C: TAVARES 1952: 368 (as var. *gangalea*, identity uncertain)

Lecanora confusa Almb.

A: -; M: FOLLMANN 1990: 100; C: CHAMPION 1976: 28

Lecanora conizaea >>> *Lecanora expallens*

Lecanora demissa (Flot.) Zahlbr.

A: -; M: -; C: HAFELLNER 1995c: 494

Lecanora dispersa (Pers.) Sommerf.

A: APTROOT 1989: 62; M: FOLLMANN 1990: 100; C: KLEMENT 1965: 561

Lecanora distans >>> *L. populicola*

Lecanora epibryon (Ach.) Ach.

A: -; M: TAVARES 1952: 368; C: -

Lecanora expallens Ach. (syn. *L. conizaea*)

A: -; M: TAVARES 1952: 368; C: TAVARES 1952: 368

Lecanora flavescens >>> *L. rupicola* ssp. *sulphurata*

Lecanora frustulosa auct. >>> *L. argopholis*

Lecanora gangaleoides Nyl.

A: -; M: TAVARES 1952: 368; C: TAVARES 1952: 368

Lecanora garovaglii (Körb.) Zahlbr.

A: -; M: -; C: KLEMENT 1965: 563

Lecanora glabrata (Ach.) Malme

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora glaucella >>> *L. piniperda*

Lecanora hartungii Hepp

A: -; M: TAVARES 1952: 369; C: -

Lecanora horiza (Ach.) Linds. (syn. *L. laevis*)

A: -; M: -; C: KLEMENT 1965: 561

Lecanora intricata (Ach.) Ach.

A: -; M: KALB & HAFELLNER 1992: 68; C: -

Lecanora intumescens (Rebent.) Rabenh.

A: -; M: KALB & HAFELLNER 1992: 69; C: -

Lecanora jamesii J.R. Laundon

A: -; M: KALB & HAFELLNER 1992: 69; C: CHAMPION 1976: 28

Lecanora laatokaensis (Räsänen) Poelt

A: -; M: -; C: HAFELLNER 1995c: 494

Lecanora laevis >>> *Lecanora horiza*

Lecanora leprosa Fée

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora leptyroides (Nyl.) Degel.

A: -; M: -; C: GIL GONZALEZ & al. 1990: 107

Lecanora lisbonensis Samp.

A: -; M: TAVARES 1958b: 229; C: -

Lecanora luteoatra (Nyl.) ined. (syn. *Lecidea l.*)

A: -; M: -; C: TAVARES 1952: 362

Lecanora luteola >>> *L. sulphurella*

Lecanora meridionalis H. Magn.

A: -; M: -; C: KLEMENT 1965: 561

Lecanora mughicola Nyl.

A: -; M: -; C: HAFELLNER 1995c: 494

Lecanora multipunctata Hepp

A: -; M: -; C: TAVARES 1952: 369

Lecanora muralis (Schreb.) Rabenh.

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora noseriza Stirt.

A: -; M: -; C: TAVARES 1952: 369

Lecanora ochroidea (Ach.) Nyl.

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1980: 202

Lecanora olivascens >>> *Protoparmelia olivascens*

Lecanora orosthea (Ach.) Ach.

A: -; M: -; C: CHAMPION 1976: 28

Lecanora orotavensis Vain.

A: -; M: -; C: TAVARES 1952: 369

Lecanora pallens Hepp

A: -; M: -; C: TAVARES 1952: 369

Lecanora pallida >>> *L. albella*

Lecanora piniperda Körb. (syn. *L. glaucella*)

A: -; M: -; C: TAVARES 1952: 369

Lecanora polytropa (Hoffm.) Rabenh.

A: PURVIS & al. 1994: 39; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora populicola (DC.) Duby (syn. *L. distans*)

A: TAVARES 1952: 368 (doubtful); M: TAVARES 1952: 368 (doubtful); C: -

Lecanora praepostera >>> *L. schistina*

Lecanora psarophana >>> *Protoparmelia p.*

Lecanora pulicaris (Pers.) Ach. (syn. *L. chlarona*)

A: -; M: TAVARES 1952: 368; C: TAVARES 1952: 368

Lecanora ripartii Nyl.

A: -; M: -; C: BREUSS 1988: 835

Lecanora rubicunda Bagl.

A: -; M: -; C: LUMBSCH & FEIGE 1992: 10

Lecanora rupicola (L.) Zahlbr. ssp. *rupicola*

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora rupicola ssp. *sulphurata* (Ach.) Leuckert & Poelt (syn. *L. flavescens*, *L. sulphurata*)

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora sabinae Hern.-Padr. & Vänskä

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1991: 123

Lecanora sambuci (Pers.) Nyl.

A: -; M: TAVARES 1952: 369; C: -

Lecanora schistina (Nyl.) Arnold (syn. *L. praepostera*)

A: -; M: EGEA 1989b: 138; C: TAVARES 1952: 369

Lecanora strobilina (Spreng.) Kieff.

A: -; M: GIRALT & GOMEZ-BOLEA 1991: 111; C: -

Lecanora subcarnea (Lilj.) Ach.

A: -; M: FOLLMANN 1990: 100; C: HERNANDEZ PADRÓN & al. 1987a: 191

Lecanora subfusca coll.

A: TAVARES 1952: 369 (incl. var. *rugosa*); M: TAVARES 1952: 369 (incl. var. *subangulosa*); C: TAVARES 1952: 369

Lecanora subradiosa >>> *L. swartzii*

Lecanora subrugosa Nyl.

A: -; M: -; C: KLEMENT 1965: 562

Lecanora sulphurata >>> *L. rupicola* ssp. *s.*

Lecanora sulphurea (Hoffm.) Ach. (syn. *Lecidea s.*)

A: -; M: -; C: EGEA & al. 1987: 43

Lecanora sulphurella Hepp (syn. *L. luteola*)

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Lecanora sulphureoatra Nyl.

A: -; M: -; C: TAVARES 1952: 369

Lecanora swartzii (Ach.) Ach. (syn. *L. subradiosa*)

A: -; M: -; C: CRESPO & NARANJO 1981: 376

Lecanora sylvestris Nyl.

A: M: TAVARES 1952: 369; C: -

Lecanora symmicta (Ach.) Ach.

A: PURVIS & JAMES 1993: 5; M: -; C: SANCHEZ-PINTO & al. 1983: 237 (see also *L. sabinae*)

Lecanora trachyticola >>> *Aspicilia trachytica*

Lecanora varia (Hoffm.) Ach.

A: -; M: -; C: HAFELLNER 1995c: 495

Lecanora viridiatra (Stenh.) Nyl. (syn. *Lecidea luteoatra*)

A: -; M: -; C: TAVARES 1952: 362

Lecidea

Note: Several of the mentioned species do not belong to *Lecidea* s. str.

Lecidea aibocaeruescens >>> *Porpidia a.*

Lecidea atrobrunnea (Ramond ex Lam. & DC.) Schaer.

A: -; M: -; C: TAVARES 1952: 361

Lecidea azorica Nyl.

A: TAVARES 1952: 361; M: -; C: -

Lecidea carroilii Coppins & P. James (syn. *Japewia c.*)

A: -; M: KALB & HAFELLNER 1992: 69; C: HAFELLNER 1995c: 495

Lecidea cinereoatra >>> *Porpidia c.*

Lecidea confluens (Weber) Ach.

A: -; M: -; C: TAVARES 1952: 361

Lecidea conglobata (Hepp) Zahlbr.

A: -; M: -; C: TAVARES 1952: 361

Lecidea contigua >>> *Porpidia macrocarpa*

Lecidea convexa var. *lavicola* >>> *Porpidia musiva*

Lecidea distans >>> *Carbonea d.*

Lecidea fuscoatra (L.) Ach.

A: -; M: TAVARES 1952: 362 (incl. f. *mosigii*, f. *meiosporiza* and f. *roridella*); C: TAVARES 1952: 362

Lecidea goniophila >>> *Lecidella anomaloides*

Lecidea homosemoides Harm.

A: -; M: -; C: TAVARES 1952: 362

Lecidea hypnorum >>> *Mycobilimbia h.*

Lecidea insidiosa >>> *Ramboldia i.*

Lecidea intumescens >>> *Rimularia insularis*

Lecidea lactea Flörke ex Schaer. (syn. *L. pantherina*)

A: -; M: -; C: TAVARES 1952: 362

Lecidea lapicida (Ach.) Ach.

A: -; M: HERTEL 1975: 378; C: TAVARES 1952: 362

Lecidea latypiza >>> *Lecidella carpathica*

Lecidea lesdainii Zahlbr. (syn. *Lecidea harmandi* Pit. non de Lesd.)

A: -; M: -; C: TAVARES 1952: 362

Lecidea limitata >>> *Lecidella elaeochroma*

Lecidea lithophila (Ach.) Ach.

A: -; M: TAVARES 1952: 362 (incl. f. *pallidocinerea*); C: -

Lecidea lurida >>> *Mycobilimbia l.*

Lecidea luteoatra >>> *Lecanora viridiatra*

Lecidea ocelliformis Nyl.

A: -; M: KALB & HAFELLNER 1992: 70; C: -

Lecidea olivacea >>> *Solenopsora o.*

Lecidea pantherina >>> *L. lactea*

Lecidea parasema >>> *Lecidella elaeochroma*

Lecidea percontigua >>> *Porpidia p.*

Lecidea phaeops Nyl.

A: HAWKSWORTH & COPPINS 1992: 333; M: -; C: -

Lecidea plana (J. Lahm in Körb.) Nyl.

A: -; M: -; C: TAVARES 1952: 362 (incl. f. *glomerulascens*)

Lecidea rhaetica >>> *Farnoldia micropsis*

Lecidea sphaerella Hedl. (syn. *L. sylvana*)

A: -; M: -; C: TAVARES 1952: 362

Lecidea subviolascens H. Magn.

A: -; M: -; C: KLEMENT 1965: 551

Lecidea sulphurea >>> *Lecanora s.*

Lecidea sylvana >>> *L. sphaerella*

Lecidea tabacina >>> *Toninia tristis*

Lecidea tessellata Flörke

A: -; M: -; C: CRESPO & NARANJO 1981: 376

Lecidea turgidula >>> *Biatra t.*

Lecidea vulgata >>> *Lecidella stigmata*

Lecidea wallrothii >>> *Trapeliopsis w.*

Lecidella

Lecideila anomaloides (A. Massai.) Hertel & H. Kiliyas (syn. *Lecidea goniophila*)

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 19

Lecideila asema (Nyl.) Knoph & Hertel (syn. *L. subincongrua*)

A: KNOPH 1990: 66; Leuckert & al. 1992: 3 (chemotype III) M: KNOPH 1990: 66, LEUCKERT & al. 1992: 3 (chemotypes II and III); C: CHAMPION & SANCHEZ-PINTO 1978: 20

Lecideila carpathica Körb. (syn. *Lecidea latypiza*)

A: -; M: -; C: TAVARES 1952: 362

Lecidella elaeochroma (Ach.) M. Choisy (syn. *Lecidea e.*, *Lecidea limitata*,

Lecidea parasema)

A: TAVARES 1952: 362; M: TAVARES 1952: 362 (incl. f. *hartungiana*); C: TAVARES 1952: 362 (incl. f. *limitata*)

Lecidella elaeochromoides (Nyl.) Knoph & Hertel (syn. *L. subincongrua* var. *e.*)

A: -; M: HERTEL 1987: 4; C: KLEMENT 1965: 551

Lecidella euphorea (Flörke) Hertel (syn. *Lecidea e.*)

A: -; M: ETAYO 1992: 181; C: TAVARES 1952: 362

Lecidella goniophila >>> *L. anomaloides*

Lecidella scabra (Taylor) Hertel & Leuckert

A: PURVIS & al. 1994: 39; M: -; C: -

Lecidella stigmataea (Ach.) Hertel (syn. *Lecidea vulgata*)

A: -; M: KALB & HAFELLNER 1992: 70; C: KLEMENT 1965: 551

Lecidella subincongrua >>> *L. asema*

Lecidella subincongrua var. *elaeochromoides* >>> *L. elaeochromoides*

Lepraria

Lepraria aeruginosa >>> *L. lesdainii*

Lepraria crassissima >>> *L. nivalis*

Lepraria incana (L.) Ach.

A: APTROOT 1989: 62; M: FOLLMANN 1990: 100; C: CHAMPION & SANCHEZ-PINTO 1978: 20

Lepraria latebrarum >>> *Lecanactis l.*

Lepraria lesdainii (Hue) R.C. Harris (syn. *L. aeruginosa* auct.)

A: -; M: -; C: HERNANDEZ PADRÓN & PEREZ DE PAZ 1980b: 22

Lepraria lobificans Nyl.

A: PURVIS & JAMES 1993: 5; M: -; C: KÜMMERLING & al. 1993: 220

Lepraria membranacea >>> *Leproloma m.*

Lepraria neglecta (Nyl.) Lettau (syn. *Crocynia n.*)

A: -; M: FOLLMANN 1990: 100; C: KLEMENT 1965: 541

Lepraria nivalis J.R. Laundon (syn. *L. crassissima* auct.)

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1980: 203

Lepraria umbricola Tønsberg

A: PURVIS & JAMES 1993: 5; M: -; C: -

Leprocaulon

Leprocaulon microscopicum (Vill.) Gams in D. Hawksw. & F.A. Skinner

A: TAVARES 1952: 366; M: TAVARES 1952: 366; C: KLEMENT 1965: 557

Leproloma

Leproloma membranaceum (Dicks.) Vain. (syn. *Lepraria m.*)

A: -; M: FOLLMANN 1990: 100; C: -

Leptochidium

Leptochidium albociliatum (Desm.) M. Choisy

A: -; M: ARVIDSSON & WALL 1985: 43; C: TAVARES 1952: 358

Leptogium

Leptogium apalachense Nyl.

A: HENSSEN 1990b: 33; M: -; C: -

Leptogium azureum >>> *L. cochleatum*

Leptogium brebissonii Mont. (incl. *Leptogium chloromelum*)

A: TAVARES 1952: 359; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Leptogium burgessii (L.) Mont.

A: TAVARES 1952: 359; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Leptogium chloromelum >>> *L. brebissonii*

Leptogium cochleatum (Dicks.) P.M. Jørg. & P. James (syn. *L. azureum*, *L. tremelloides*)

A: TAVARES 1952: 359; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Leptogium coralloideum (Meyen & Flot.) Vain.

A: TAVARES 1952: 359; M: JØRGENSEN 1994: 5 (map); C: JØRGENSEN 1994: 5 (map)

Leptogium corniculatum (Hoffm.) Minks (syn. *L. palmatum*)

A: -; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Leptogium corticola (Taylor) Tuck.

A: ARVIDSSON 1990: 21; M: -; C: ARVIDSSON 1990: 21

Leptogium cyanescens (Rabenh.) Körb.

A: TAVARES 1952: 359; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Leptogium daedaleum (Flot.) Nyl.

A: TAVARES 1952: 359; M: -; C: -

Leptogium ferax (Durieu & Mont.) Rabenh.

A: -; M: -; C: VEZDA 1993b: 2

Leptogium furfuraceum (Harm.) Sierk (syn. *L. hildenbrandii* var. *f.*)

A: -; M: TAVARES 1952: 359; C: -

Leptogium gelatinosum (With.) J.R. Laundon (syn. *L. sinuatum*, *L. scotinum*)

A: TAVARES 1952: 359; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Leptogium hibernicum M.E. Mitch. ex P.M. Jørg.

A: -; M: ARVIDSSON & WALL 1985: 44; C: -

Leptogium laceroides de Lesd.

A: -; M: ARVIDSSON & WALL 1985: 44; C: -

Leptogium lichenoides (L.) Zahlbr.

A: PURVIS & al. 1994: 39; M: TAVARES 1952: 359; C: TAVARES 1952: 359

Leptogium lichenoides var. *pulvinatum* (Hoffm.) Zahlbr. (syn. *L. pulvinatum*)

A: -; M: -; C: TAVARES 1952: 359

Leptogium palmatum >>> *L. corniculatum*

Leptogium phyllocarpum (Pers.) Mont.

A: -; M: -; C: TAVARES 1952: 359

Leptogium pichneum (Ach.) Nyl.

A: TAVARES 1952: 359; M: -; C: -

Leptogium plicatile (Ach.) Leight.

A: -; M: -; C: CHAMPION 1976: 29

Leptogium pulvinatum >>> *L. lichenoides* var. *p.*

Leptogium resupinans Nyl.

A: -; M: ARVIDSSON & WALL 1985: 44; C: ØSTHAGEN & KROG 1976: 228

Leptogium saturninum (Dicks.) Nyl.

A: -; M: -; C: TOPHAM & WALKER 1982: 66

Leptogium scotinum >>> *L. gelatinosum*

Leptogium sinuatum >>> *L. gelatinosum*

Leptogium teretiusculum (Flörke) Arnold

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1980: 204

Leptogium tremelloides >>> *L. cochleatum*

Leptogium ulvaceum (Pers.) Vain.

A: -; M: -; C: TAVARES 1952: 359

Leptorhaphis

Leptorhaphis epidermidis (Ach.) Th. Fr.

A: -; M: -; C: TAVARES 1952: 355

Leptosphaeria

Leptosphaeria ramalinae (Desm.) Sacc.

Host: *Ramalina* spec. (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Letharia

Letharia vulpina (L.) Hue

A: -; M: TAVARES 1952: 372 (doubtful); C: TAVARES 1952: 372

Lethariella

Lethariella canariensis (Ach.) Krog (syn. *Usnea* c.)

A: -; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Lethariella intricata (Moris) Krog (syn. *Usnea* i.)

A: -; M: -; C: TAVARES 1952: 374 (incl. var. *arbuscula*)

Leucocarpia

Leucocarpia stigonemoides (Orange) Hafellner & Kalb

A: -; M: KALB & HAFELLNER 1992: 70; C: -

Lichenoconium

Lichenoconium usneae (Anzi) D. Hawksw.

Host: *Ramalina subgeniculata* (1)

A: -; M: -; C: HAWKSWORTH 1977: 185 (1)

Lichenodiplis

Lichenodiplis lecanorae (Vouaux) Dyko & D. Hawksw. (syn. *Diplodina* l.)

Host: *Caloplaca cerina* (1), *Caloplaca* spec. (2)

A: -; M: KALB & HAFELLNER 1992: 70 (2); C: PITARD & HARMAND 1911: 69 (1)

Lichenodiplis lichenicola Dyko & D. Hawksw.

Host: *Rinodina* spec. (1)

A: -; M: KALB & HAFELLNER 1992: 70 (1); C: -

Lichenopeltella peltigericola (D. Hawksw.) R. Sant. (syn. *Micropeltopsis p.*)

Host: *Peltigera* spec. (1)

A: -; M: KALB & HAFELLNER 1992: 74 (1); C: -

Lichenopuccinia

Lichenopuccinia poeltii D. Hawksw. & Hafellner

Host: *Parmelia saxatilis* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Lichenosticta

Lichenosticta alcicornaria (Linds.) D. Hawksw.

Host: *Cladonia fimbriata* (1)

A: -; M: KALB & HAFELLNER 1992: 71 (1); C: -

Lichenostigma

Lichenostigma elongata Nav.-Ros. & Hafellner ined.

Host: *Aspicilia* spec. (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Lichenostigma maureri Hafellner

Host: *Pseudevernia furfuracea* (1), *Usnea* spec. (2)

A: -; M: KALB & HAFELLNER 1992: 71 (2); C: HAFELLNER 1996: in print (1)

Lichenostigma rugosa G. Thor

Host: *Diploschistes scruposus* (1)

A: -; M: -; C: SANTESSON 1994a: 14 (1)

Lichina

Lichina confinis (O.F. Müll.) C. Agardh

A: APTROOT 1989: 63; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 364

Lichina pygmaea (Lightf.) C. Agardh

A: TAVARES 1952: 358; M: FOLLMANN 1990: 101; C: TAVARES 1952: 358

Lichinella (syn. *Gonohymenia*)

Lichinella algerica (J. Steiner) P. Moreno & Egea (syn. *Gonohymenia a.*)

A: -; M: -; C: TAVARES 1952: 358

Lichinella cribellifera (Nyl.) P. Moreno & Egea (syn. *Gonohymenia c.*)

A: -; M: -; C: BREUSS 1988: 834

Lichinella cribellifera ssp. *macrospora* (Henssen) ined. (syn. *Gonohymenia c.* ssp. *m.*)

A: -; M: -; C: HENSSEN 1990a: 6

Lichinella iodopulchra (Croz.) P. Moreno & Egea (syn. *Thyrea nummularia*)

A: -; M: -; C: TAVARES 1952: 358

Lichinella nigrifella (Lettau) P. Moreno & Egea (syn. *Gonohymenia n.*)

A: -; M: -; C: HENSSEN 1990a: 6

Lichinella robusta Henssen

A: -; M: -; C: HENSSEN & al. 1985: 291

Lichinella stipatula Nyl.

A: -; M: -; C: EGEA & al. 1987: 43

Lichinella undulata (Henssen) ined. (syn. *Gonohymenia u.*)

A: -; M: -; C: HENSSEN 1990a: 5

Llimoniella

Llimoniella neglecta (Vain.) Triebel & Rambold

Host: *Lepraria* spec. (1)

A: -; M: HAFELLNER 1995a: 430 (1); C: -

Lobaria

Lobaria amplissima (Scop.) Forssell

A: -; M: TAVARES 1952: 360; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 366

Lobaria immixta Vain.

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Lobaria laetevirens >>> *L. virens*

Lobaria linita (Ach.) Rabenh.

A: -; M: -; C: KLEMENT 1965: 547 (doubtful)

Lobaria meridionalis Vain. (syn. *L. pulmonaria* var. *m.*)

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: KLEMENT 1965: 547

Lobaria patinifera (Taylor) Hue

A: -; M: TAVARES 1952: 360 (identity uncertain, see *L. sublaevis*); C: -

Lobaria pulmonaria (L.) Hoffm.

A: TAVARES 1952: 360; M: TAVARES 1952: 360 (incl. f. *aggregata*, f. *hypomela* and f. *papillaris*); C: TAVARES 1952: 360

Lobaria scrobiculata (Scop.) DC.

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Lobaria sublaevis (Nyl.) Tav.

A: -; M: TAVARES 1958b: 228; C: -

Lobaria variegata J. Steiner

A: -; M: TAVARES 1952: 360; C: KLEMENT 1965: 548

Lobaria virens (With.) J.R. Laundon (syn. *L. laetevirens*)

A: TAVARES 1952: 360 (incl. var. *guthnickii*); M: TAVARES 1952: 360; C: TAVARES 1952: 360

Lobothallia

Lobothallia radiosa (Hoffm.) Hafellner (syn. *Aspicilia r.*)

A: -; M: KALB & HAFELLNER 1992: 71; C: EGEA & al. 1987: 40

Loxospora

Loxospora elatina (Ach.) A. Massal.

A: COPPINS & BRIGHTMAN 1992: 266; M: -; C: -

Loxospora ochrophaeoides Kalb & Hafellner

A: -; M: KALB & HAFELLNER 1992: 71; C: -

Massalongia

Massalongia carnosus (Dicks.) Körb.

A: -; M: ARVIDSSON & WALL 1985: 44; C: BREUSS 1988: 836

Megalaria

Megalaria albocincta (Degel.) ined. (syn. *Catinaria* a.)

A: TAVARES 1952: 358; M: -; C: -

Megalaria grossa (Pers. ex Nyl.) Hafellner (syn. *Catinaria* g., *C. leucoplaca*)

A: -; M: TAVARES 1952: 358; C: TAVARES 1952: 358

Megalaria laureri (Hepp ex Th. Fr.) Hafellner (syn. *Catillaria intermixta* auct.)

A: -; M: -; C: TAVARES 1952: 363

Megalaria pulverea (Borrer) Hafellner & E. Schreiner (syn. *Catillaria pulverea*)

A: ARVIDSSON 1990: 18; M: TAVARES 1952: 363; C: -

Megalospora

Megalospora maderensis (Kremp.) Sipman (syn. *Bombyliospora amplificans* var m.)

A: -; M: TAVARES 1952: 375; C: -

Megalospora tuberculosa (Fée) Sipman (?syn. *Bombyliospora incana*)

A: TAVARES 1952: 375; M: -; C: -

Megaspora

Megaspora verrucosa (Ach.) Hafellner & V. Wirth (syn. *Aspicilia* v.)

A: -; M: -; C: CRESPO & NARANJO 1981: 376

Melanelia

Melanelia elegantula (Zahlbr.) Essl. (syn. *Parmelia* e.)

A: -; M: -; C: HERNANDEZ PADRÓN 1985: 120

Melanelia exasperata (De Not.) Essl. (syn. *Parmelia* e., *P. aspidota*)

A: -; M: -; C: TAVARES 1952: 370

Melanelia exasperatula (Nyl.) Essl. (syn. *Parmelia* e.)

A: -; M: -; C: HERNANDEZ PADRÓN & SANCHEZ-PINTO 1987: 325

Melanelia glabra (Schaer.) Essl. (syn. *Parmelia* g.)

A: -; M: TAVARES 1952: 370; C: TAVARES 1952: 370

Melanelia glabratula (Lamy) Essl. (syn. *Parmelia* g.)

A: -; M: KALB & HAFELLNER 1992: 72; C: -

Melanelia infumata (Nyl.) Essl.

A: -; M: -; C: ØSTHAGEN & KROG 1976: 230

Melanelia laciniatula (Flagey ex H. Olivier) Essl. (syn. *Parmelia* l.)

A: -; M: -; C: TOPHAM & WALKER 1982: 67

Melanelia olivacea (L.) Essl. (syn. *Parmelia o.*)

A: TAVARES 1952: 371; M: TAVARES 1952: 371; C: TAVARES 1952: 371 (all records doubtful, see *M. subolivacea*)

Melanelia subaurifera (Nyl.) Essl. (syn. *Parmelia s.*)

A: -; M: ALSTRUP 1991: 108; C: -

Melanelia subolivacea (Nyl.) Essl. (syn. *Parmelia s.*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 231

Melanotheca

Melanotheca aggregata (Fée) Müll. Arg.

A: -; M: -; C: TAVARES 1952: 356

Melaspilea

Melaspilea canariensis D. Hawksw. (syn. *Karschia talcophila* var. *irregularis*)

Hosts: *Pertusaria exalbescens* (1), *Pertusaria spec.* (2)

A: -; M: KALB & HAFELLNER 1992: 72 (2); C: PITARD & HARMAND 1911: 69 (1);
HAWKSWORTH 1982b: 84 (2)

Melaspilea diplaciospora (Nyl.) Müll. Arg.

A: ARVIDSSON 1990: 22; M: -; C: -

Menegazzia

Menegazzia terebrata (Hoffm.) A. Massal. (syn. *M. pertusa*)

A: PURVIS 1992h: 371; M: TAVARES 1952: 370; C: -

Micarea

Micarea adnata Coppins

A: -; M: COPPINS 1992d: 375; C: -

Micarea alabastrites (Nyl.) Coppins

A: APTROOT 1989: 63; M: -; C: TOPHAM & WALKER 1982: 66

Micarea bauschiana (Körb.) V. Wirth & Vezda

A: -; M: -; C: TOPHAM & WALKER 1982: 66

Micarea botryoides (Nyl.) Coppins

A: COPPINS 1992d: 377; M: -; C: -

Micarea cinerea (Schaer.) Hedl.

A: -; M: KALB & HAFELLNER 1992: 72; C: -

Micarea coppinsii Tønsberg

A: -; M: KALB & HAFELLNER 1992: 72; C: -

Micarea lignaria (Ach.) Hedl. (syn. *Bacidia l.*)

A: APTROOT 1989: 63; M: TAVARES 1952: 363; C: BREUSS 1988: 836

Micarea melaena (Nyl.) Hedl.

A: COPPINS 1992d: 378; M: KALB & HAFELLNER 1992: 72; C: -

Micarea nitschkeana (J. Lahm ex Rabenh.) Harm. (syn. *Bacidia n.*)

A: -; M: -; C: TAVARES 1952: 363

***Micarea peliocarpa* (Anzi) Coppins & R. Sant.**

A: APTROOT 1989: 63; M: KALB & HAFELLNER 1992: 73; C: TOPHAM & WALKER 1982: 66

***Micarea prasina* Fr.**

A: PURVIS & JAMES 1993: 5; M: KALB & HAFELLNER 1992: 73; C: TOPHAM & WALKER 1982: 67

***Micarea pycnidiophora* Coppins & P. James**

A: -; M: -; C: COPPINS & JAMES 1979c: 153

***Micarea stipitata* Coppins & P. James**

A: -; M: -; C: COPPINS & JAMES 1979c: 156

***Micarea synotheoides* (Nyl.) Coppins**

A: -; M: KALB & HAFELLNER 1992: 73; C: TOPHAM & WALKER 1982: 67

Microglaena

Microglaena lesdainii >>> *Chromatochlamys muscorum*

Micropeltopsis

Micropeltopsis peltigericola >>> *Lichenopelteila p.*

Milospium

Milospium graphideorum (Nyl.) D. Hawksw.

Host: *Opegrapha* spec. (1)

A: -; M: -; C: HAFELLNER 1995a: 430 (1)

Miriquidica

Miriquidica intrudens (H. Magn.) Hertel & Rambold

A: -; M: -; C: HAFELLNER 1995a: 431

Mixtoconidium

Mixtoconidium canariense Etayo

Hosts: *Ramalina canariensis* (1), *Ramalina duriei* (2)

A: -; M: -; C: ETAYO 1995: 425 (1, 2)

Moelleropsis

Moelleropsis nebulosa (Hoffm.) Gyeln. (syn. *Pannaria n.*)

A: ARVIDSSON 1990: 22; M: TAVARES 1952: 360; C: KLEMENT 1965: 545

Muellerella

Muellerella hospitans Stizenb.

Hosts: *Bacidia rubella* (1), *Bacidia* spec. (2)

A: -; M: KALB & HAFELLNER 1992: 74 (2); HERNANDEZ PADRÓN 1987: 152 (1)

Muellerella lichenicola (Sommerf.) D. Hawksw. (syn. *Tichothecium erraticum*)

Host: sterile corticolous(!) thallus (1)

A: -; M: -; C: PITARD & HARMAND 1911: 71 (1) (doubtful)

Muellerella polyspora Hepp ex Müll. Arg. (syn. *Endococcus haplotellus*)

Host: not mentioned (1)

A: -; M: STIZENBERGER 1887: 131 (1); C: -

Muellerella pygmaea (Körb.) D. Hawksw.

Hosts: *Bellemerea alpina* (1), *Lecanora intricata* (2), *Lecidea fuscoatra* (3), *Lecidea fuscoatra* var. *grisella* (4), *Lecidea spec.* (5) *Rhizocarpon lavatum* (6)

A: -; M: KALB & HAFELLNER 1992: 74 (1, 2, 4, 5, 6); C: TRIEBEL 1989: 161 (3)

Mycobilimbia

Mycobilimbia hypnorum (Lib.) Kalb & Hafellner

A: PURVIS & al. 1994: 39; M: -; C: BREUSS 1988: 837

Mycobilimbia lurida (With.) ined. (syn. *Lecidea l.*)

A: -; M: TAVARES 1952: 362; C: -

Mycobilimbia sanguineoatra (Wulfen) ined.

A: -; M: KALB & HAFELLNER 1992: 75; C: -

Mycoblastus

Mycoblastus alpinus (Fr.) Kernst.

A: -; M: TAVARES 1952: 362; C: -

Mycoblastus caesius (Coppins & P. James) Tønsberg (syn. *Haematomma c.*)

A: PURVIS & JAMES 1993: 6; M: -; C: HERNANDEZ PADRÓN & al. 1992: 144

Mycoblastus sanguinarius (L.) Norman

A: TAVARES 1952: 363 (incl. f. *melinus*); M: TAVARES 1952: 362 (incl. f. *melinus*); C: HAFELLNER 1995c: 495

Mycocalicium

Mycocalicium subtile (Pers.) Szatala (syn. *M. parietinum*)

A: -; M: -; C: NARANJO & SANTOS 1982: 52

Mycocalicium victoriae (C. Knight ex F. Wilson) Tibell

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1992: 144

Myriotrema

Myriotrema sordidescens (Fée) Kalb

A: -; M: KALB & HAFELLNER 1992: 75; C: -

Nectria

Nectria lecanodes Ces. in Rabenh.

Hosts: *Lobaria amplissima* (1), *L. meridionalis* (2), *L. pulmonaria* (3), *L. virens* (4), *Nephroma tangeriense* (5), *Nephroma spec.* (6)

A: -; M: KALB & HAFELLNER 1992: 76 (1, 2, 4); C: HAFELLNER 1996: in print (3, 5, 6)

Neofuscelia

Neofuscelia delisei (Duby) Essl. (syn. *Parmelia d.*)

A: -; M: ESSLINGER 1977: 107; C: ESSLINGER 1977: 107

Neofuscelia glabrans (Nyl.) Essl. (syn. *Parmelia g.*) z. download www.biologiezentrum.at

A: -; M: -; C: TAVARES 1952: 370

Neofuscelia halei Esslinger, Barbero & Llimona

A: -; M: -; C: ESSLINGER & al. 1993: 355

Neofuscelia loxodes (Nyl.) Essl. (syn. *Parmelia l.*, *P. isidiotyla*)

A: -; M: ESSLINGER 1977: 120, Fig. 13; C: CHAMPION 1976: 29

Neofuscelia pulla (Ach.) Essl. (syn. *Parmelia proluxa*, *P. perrugata*)

A: -; M: TAVARES 1952: 371; C: TAVARES 1952: 371

Neofuscelia pulloides (Essl.) Essl.

A: -; M: -; C: ESSLINGER 1977: 138

Neofuscelia pustulosa (Essl.) Essl.

A: -; M: -; C: ESSLINGER 1977: 139

Neofuscelia verruculifera (Nyl.) Essl.

A: -; M: -; C: TOPHAM & WALKER 1982: 69

Nephroma

Nephroma areolatum P. James & F.J. White

A: -; M: JAMES & WHITE 1987: 226; C: -

Nephroma bellum (Spreng.) Tuck.

A: -; M: -; C: TAVARES 1952: 361 (according to JAMES & WHITE 1987: 226, specimens named *N. bellum* refer to other species)

Nephroma foliolatum P. James & F.J. White

A: -; M: JAMES & WHITE 1987: 235; C: JAMES & WHITE 1987: 235

Nephroma helveticum Ach.

A: PURVIS & JAMES 1993: 5; M: JAMES & WHITE 1987: 238; C: JAMES & WHITE 1987: 238

Nephroma hensseniae P. James & F.J. White

A: JAMES & WHITE 1987: 243; M: -; C: -

Nephroma laevigatum Ach. (syn. *N. lusitanicum*)

A: -; M: TAVARES 1952: 361 (incl. f. *microphyllum*, f. *papyraceum*); C: TAVARES 1952: 361 (incl. var. *macrolobum*)

Nephroma lusitanicum >>> *N. laevigatum*

Nephroma parile (Ach.) Ach.

A: -; M: ARVIDSSON & WALL 1985: 44; C: TAVARES 1952: 361

Nephroma resupinatum (L.) Ach.

A: -; M: TAVARES 1952: 361 (incl. f. *soreumaticum*, doubtful, cfr. JAMES & WHITE 1987: 255); C: TAVARES 1952: 361 (incl. f. *sorediatum*)

Nephroma sulcatum P. James & F.J. White

A: -; M: -; C: JAMES & WHITE 1987: 258

Nephroma tangeriense (Maheu & A. Gillet) Zahlbr.

A: -; M: JAMES & WHITE 1987: 261; C: JAMES & WHITE 1987: 261

Nephroma venosum Degel.

A: TAVARES 1952: 361; M: -; C: -

Nesolechia

Nesolechia oxyspora (Tul.) A. Massal. (syn. *Phacopsis o.*, incl. *Phacopsis oxyspora* var. *fusca*

Hosts: *Hypogymnia tubulosa* (1), *Parmelia saxatilis* (2), *P. omphalodes* (3), *Platismatia glauca* (4), *Rimelia reticulata* (5),

A: -; M: KALB & HAFELLNER 1992: 76 (2, 3, 4, 5); C: SANTESSON 1988: 14 (1)

Niesslia

Niesslia cladoniicola D. Hawksw. & W. Gams

Host: *Cladonia cervicornis* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Normandina

Normandina pulchella (Borrer) Nyl.

A: TAVARES 1952: 355; M: TAVARES 1952: 355; C: TAVARES 1952: 355

Obryzum

Obryzum corniculatum Wallr.

Host: *Leptogium* spec. (1)

A: -; M: KALB & HAFELLNER 1992: 76 (1); C: -

Ocellularia

Ocellularia atlantica >>> *Thelotrema subtile*

Ochrolechia

Ochrolechia androgyna (Hoffm.) Arnold

A: -; M: TAVARES 1952: 369; C: -

Ochrolechia azorica Purvis, P. James & Brodo

A: PURVIS & al. 1994: 45; M: -; C: -

Ochrolechia inversa (Nyl.) J.R. Laundon

A: -; M: -; C: CHAMPION 1976: 29

Ochrolechia maderensis Versegghy

A: -; M: VERSEGGHY 1958: 77; C: -

Ochrolechia pallescens (L.) A. Massal.

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Ochrolechia parella (L.) A. Massal.

A: TAVARES 1952: 369; M: TAVARES 1952: 369 (incl. var. *tumidula*); C: TAVARES 1952: 369

Ochrolechia szatalaensis Versegghy

A: -; M: -; C: FOLLMANN 1975a: 26; FOLLMANN 1975b: 216

Ochrolechia tartarea (L.) A. Massal.

A: -; M: TAVARES 1952: 369 (incl. f. *tenuior*); C: TAVARES 1952: 369

Ochrolechia turneri (Sm.) Hasselrot

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1992: 145

Ochrolechia upsaliensis (L.) A. Massal.

A: -; M: TAVARES 1952: 369; C: TAVARES 1952: 369

Omphalina

Omphalina pararustica Cléménçon

A: PURVIS & JAMES 1993: 5; M: -; C: -

Opegrapha

Opegrapha aphoristica Nyl. (nomen nudum)

A: -; M: -; C: TAVARES 1952: 356

Opegrapha areniseda Nyl.

A: -; M: PENTECOST & JAMES 1992: 407; C: -

Opegrapha atra Pers.

A: ARVIDSSON 1990: 22; M: TAVARES 1952: 356; C: TAVARES 1952: 356 (incl. f. *lignicola*)

Opegrapha calcarea Sm. (syn. *O. chevallieri*)

A: -; M: TAVARES 1952: 356; C: FOLLMANN & KLEMENT 1970: 825

Opegrapha chevallieri >>> *O. calcarea*

Opegrapha cinerea >>> *O. vulgata*

Opegrapha circumducta Nyl.

A: -; M: TAVARES 1952: 356; C: -

Opegrapha dialeuca >>> *Lecanographa d.*

Opegrapha diaphora >>> *O. varia*

Opegrapha diaphoroides >>> *O. ochrocincta*

Opegrapha dubia >>> *O. niveoatra*

Opegrapha endoleuca Nyl.

A: -; M: TAVARES 1952: 356; C: -

Opegrapha farinosa Hepp

A: -; M: TAVARES 1952: 356; C: -

Opegrapha glaucomaria (Nyl.) Källsten (syn. *O. maculans*)

Host: *Lecanora rupicola* (1)

A: -; M: KALB & HAFELLNER 1992: 77 (1); C: HAFELLNER 1995b: 139 (1)

Opegrapha grumulosa >>> *Lecanographa g.*

Opegrapha gyrocarpa Flot.

A: PENTECOST & JAMES 1992: 408; M: KALB & HAFELLNER 1992: 77;
PENTECOST & JAMES 1992: 408; C: -

Opegrapha herbarum Mont.

A: -; M: -; C: GIL GONZALEZ & al. 1990: 108

Opegrapha herpetica >>> *O. rufescens*

Opegrapha huneckii >>> *Lecanographa dialeuca*

Opegrapha insularis Degel.

A: TAVARES 1952: 357; M: -; C: -

Opegrapha lichenoides >>> *O. varia*

Opegrapha lithyrgea Ach.

A: -; M: KALB & HAFELLNER 1992: 77; C: -

Opegrapha lutulenta Nyl.

A: -; M: EGEA 1989b: 138; C: EGEA 1989b: 132; TORRENTE & EGEA 1989: 100

Opegrapha maculans >>> *O. glaucomaria*

Opegrapha mougeotii A. Massal.

A: TAVARES 1952: 357; M: -; C: -

Opegrapha niveoatra (Borrer) J.R. Laundon (syn. *O. dubia*, *O. subsiderella*)

A: -; M: KALB & HAFELLNER 1992: 77; C: TAVARES 1952: 356

Opegrapha ochrocheila Nyl.

A: -; M: KALB & HAFELLNER 1992: 77; C: -

Opegrapha ochrocincta Werner (syn. *O. diaphoroides*)

A: -; M: -; C: TAVARES 1952: 356

Opegrapha persoonii >>> *O. rupestris*

Opegrapha pertusariae (Vouaux) Hafellner (syn. *Leciographa p.*)

Host: *Pertusaria exalbescens* (1)

A: -; M: -; C: PITARD & HARMAND 1911: 70 (1)

Opegrapha pertusariicola Coppins & P. James

Host: *Pertusaria leioplaca* (1)

A: -; M: -; C: HAFELLNER 1995b: 139 (1)

Opegrapha physciaria (Nyl.) D. Hawksw. & Coppins

Host: *Xanthoria parietina* (1)

A: -; M: -; C: HAFELLNER 1995b: 139 (1)

Opegrapha prosodea Ach. (syn. *O. taxicola*)

A: -; M: TAVARES 1952: 357; C: -

Opegrapha rimalis >>> *O. varia*

Opegrapha rufescens Pers. (syn. *O. herpetica*)

A: -; M: TAVARES 1952: 356; C: -

Opegrapha rupestris Pers. (syn. *O. persoonii*)

A: TAVARES 1952: 357; M: -; C: -

Opegrapha sphaerophoricola Isbrand & Alstrup

Host: *Sphaerophorus globosus* (1)

A: -; M: -; C: HAFELLNER 1995b: 140 (1)

Opegrapha subelevata (Nyl.) Nyl.

A: -; M: EGEA 1989b: 95; C: -

Opegrapha subsiderella >>> *O. niveoatra*

Opegrapha taxicola >>> *O. prosodea*

Opegrapha thelotrematis Coppins

Host: *Thelotrema monosporum* (1), *Thelotrema lepadinum* (2)

A: -; M: KALB & HAFELLNER 1992: 78 (1); C: HAFELLNER 1995b: 140 (2)

Opegrapha varia Pers. (syn. *O. diaphora*, *O. lichenoides*)

A: -; M: TAVARES 1952: 356, 357; C: TAVARES 1952: 356, 357

Opegrapha viridis (Ach.) Nyl.

A: -; M: -; C: CHAMPION 1976: 29

Opegrapha vulgata Ach. (syn. *O. cinerea*)

A: -; M: TAVARES 1952: 357; C: TAVARES 1952: 356

Opegrapha zonata >>> *Enterographa z.*

Ophiobolus

Ophiobolus barbarus (Th. Fr.) Keissl.

Host: *Opegrapha vulgata* (1)

A: -; M: -; C: ERICHSEN 1926: 281 (1) (obviously misidentified; the fungus now known as *Sagediopsis barbara* (Th. Fr.) R. Sant. & Triebel is restricted to *Koerberiella wimmeriana*)

Pannaria

Pannaria conoplea (Ach.) Bory (syn. *P. pityrea*)

A: APTROOT 1989: 63; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Pannaria leucophaea >>> *Fuscopannaria l.*

Pannaria leucosticta >>> *Fuscopannaria l.*

Pannaria mediterranea >>> *Fuscopannaria m.*

Pannaria nebulosa >>> *Moelleropsis n.*

Pannaria olivacea >>> *Fuscopannaria o.*

Pannaria pezizoides (Weber) Trevis.

A: ARVIDSSON 1990: 22; M: TAVARES 1952: 360; C: JØRGENSEN 1978: 52

Pannaria pityrea >>> *P. conoplea*

Pannaria rubiginosa (Ach.) Bory

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Pannaria saubinetii (Mont.) Nyl.

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1987a: 191

Pannaria tavaresii P.M. Jørg.

A: -; M: JØRGENSEN 1978: 68; C: JØRGENSEN 1978: 68

Parmelia

Parmelia arnoldii >>> *Parmotrema a.*

Parmelia aspidota >>> *Melanelia exasperata*

Parmelia austrosinense >>> *Parmotrema a.*

Parmelia bangii >>> *Parmotrema b.*

Parmelia canariensis >>> *Xanthoparmelia subramigera*

Parmelia caperata >>> *Flavoparmelia c.*

Parmelia caroliniana >>> *Canoparmelia c.*

Parmelia carporrhizans >>> *Parmelina c.*

Parmelia cetrarioides >>> *Cetrelia c.*

Parmelia cetrata >>> *Parmotrema c.*

Parmelia cinereoplumbea Harm.

A: -; M: -; C: TAVARES 1952: 370 (identity uncertain)

Parmelia comparata Nyl. (syn. ?)

A: -; M: -; C: TAVARES 1952: 370 (identity uncertain)

Parmelia conformata >>> *Parmotrema c.*

Parmelia conspersa >>> *Xanthoparmelia c.*

Parmelia contorta >>> *P. submontana*

Parmelia coralloidea (Meyen & Flot.) Vain.

A: -; M: -; C: TAVARES 1952: 370 (identity uncertain)

Parmelia crinita >>> *Parmotrema c.*

Parmelia crozalsiana >>> *Canoparmelia c.*

Parmelia delisei >>> *Neofuscelia d.*

Parmelia dissecta >>> *Parmelinopsis horrescens*

Parmelia dubia >>> *Punctelia subrudecta*

Parmelia elegantula >>> *Melanelia e.*

Parmelia endochlora >>> *Hypotrachyna e.*

Parmelia exasperata >>> *Melanelia e.*

Parmelia exasperatula >>> *Melanelia e.*

Parmelia furfuracea >>> *Pseudevernia f.*

Parmelia glabra >>> *Melanelia g.*

Parmelia glabrans >>> *Neofuscelia g.*

Parmelia glabrizans >>> *Neofuscelia loxodes*

Parmelia grayana >>> *Parmotrema g.*

Parmelia horrescens >>> *Parmelinopsis h.*

Parmelia infumata >>> *Melanelia i.*

Parmelia isidiotyla >>> *Neofuscelia loxodes*

Parmelia laciniatula >>> *Melanelia l.*

Parmelia laevigata >>> *Hypotrachyna l.*

Parmelia laxiuscula H. Magn.

A: TAVARES 1952: 371; M: -; C: - (identity uncertain)

Parmelia lobulifera var. *sanguineoreagens* >>> *Hypotrachyna rachista*

Parmelia madeirensis >>> *Hypogymnia m.*

Parmelia mellissii >>> *Parmotrema m.*

Parmelia minarum >>> *Parmelinopsis m.*

Parmelia olivacea >>> *Melanelia o.*

Parmelia omphalodes (L.) Ach.

A: -; M: TAVARES 1952: 371; C: TAVARES 1952: 371

Parmelia papulenta Harm.

A: -; M: -; C: TAVARES 1952: 371 (identity uncertain)

Parmelia perforata >>> *Parmotrema p.*

Parmelia perrugata >>> *Neofuscelia pulla*

Parmelia physodes >>> *Hypogymnia p.*

Parmelia plittii >>> *Xanthoparmelia plittii*

Parmelia proboscidea Taylor var. *sorediifera* Müll. Arg.

A: -; M: -; C: TAVARES 1952: 371 (doubtful, identity uncertain))

Parmelia prolixa >>> *Neofuscelia pulla*

Parmelia pseudoreticulata >>> *Parmotrema p.*

Parmelia pseudosinuosa >>> *Hypotrachyna p.*

Parmelia pseudotinctorum >>> *Parmotrema p.*

Parmelia pulloides >>> *Neofuscelia p.*

Parmelia pustulosa >>> *Neofuscelia p.*

Parmelia reddenda >>> *Punctelia r.*

Parmelia reticulata >>> *Rimelia r.*
Parmelia revoluta >>> *Hypotrachyna r.*
Parmelia robusta >>> *Parmotrema r.*
Parmelia rockii >>> *Hypotrachyna r.*
Parmelia saxatilis (L.) Ach.

A: TAVARES 1952: 371; M: TAVARES 1952: 371; C: TAVARES 1952: 371

Parmelia scorteia >>> *Parmelina tiliacea*
Parmelia sinuosa >>> *Hypotrachyna s.*
Parmelia soledians >>> *Flavoparmelia soledians*
Parmelia sorocheila >>> *Everniastrum sorocheilum*
Parmelia stuppea >>> *Parmotrema s.*
Parmelia submontana Nadv. ex Hale (syn. *P. contorta*)
A: -; M: -; C: TAVARES 1952: 371
Parmelia subcrinita Nyl.

A: TAVARES 1952: 371; M: -; C: - (identity uncertain)

Parmelia subolivacea >>> *Melanelia s.*
Parmelia subramigera >>> *Xanthoparmelia s.*
Parmelia subtinctoria >>> *Parmotrema s.*
Parmelia sulcata Taylor

A: -; M: ARVIDSSON & WALL 1985: 44; C: KLEMENT 1965: 567

Parmelia taylorensis >>> *Hypotrachyna t.*
Parmelia texana >>> *Canoparmelia texana*
Parmelia tinctina >>> *Xanthoparmelia t.*
Parmelia trichotera >>> *Parmotrema perlatum*

Parmeliella

Parmeliella atlantica >>> *Degelia a.*
Parmeliella coralloides >>> *P. triptophylla*
Parmeliella jamesii >>> *P. parvula*
Parmeliella microphylla >>> *Fuscopannaria leucophaea*
Parmeliella nigrocincta (Mont.) Müll. Arg.

A: -; M: ARVIDSSON & WALL 1985: 45; C: TAVARES 1952: 360

Parmeliella parvula P.M. Jørg. (syn. *P. jamesii*)

A: JØRGENSEN 1978: 35; M: JØRGENSEN 1978: 35; C: TOPHAM & WALKER 1982: 69

Parmeliella testacea P.M. Jørg.

A: -; M: JØRGENSEN 1978: 70; C: JØRGENSEN 1978: 70

Parmeliella triptophylla (Ach.) Müll. Arg. (syn. *P. coralloides*)

A: -; M: PURVIS 1992: 438; C: TAVARES 1952: 359

Parmelina

Parmelina carporrhizans (Taylor) Poelt & Vezda (syn. *Parmelia c.*, possibly conspecific with *Parmelina quercina*)

A: -; M: TAVARES 1952: 370; C: TAVARES 1952: 370

Parmelina dissecta >>> *Parmelinopsis horrescens*

Parmelina horrescens >>> *Parmelinopsis h.*

Parmelina quercina (Willd.) Hale (syn. *Parmelia qu.*)

A: -; M: TAVARES 1952: 371; C: TAVARES 1952: 371

Parmelina tiliacea (Hoffm.) Haie (syn. *Parmelia t.*, *P. scortea*)

A: -; M: TAVARES 1952: 371; C: TAVARES 1952: 371

Parmelinopsis

Parmelinopsis cryptochlora (Vain.) Elix & Hale (syn. *Parmelia c.*)

A: APTROOT 1989: 63; M: -; C: -

Parmelinopsis horrescens (Taylor) Hale & Elix (syn. *Parmelia h.*, *Parmelina h.*, *Parmelia dissecta*)

A: TAVARES 1952: 370; M: ARVIDSSON & WALL 1985: 45; C: KLEMENT 1965: 565

Parmelinopsis minarum (Vain.) Elix & Haie (syn. *Parmelia m.*)

"Macaronesia": PURVIS & JAMES 1992f: 427

Parmeliopsis

Parmeliopsis ambigua (Wulfen) Nyl.

A: -; M: -; C: TAVARES 1952: 370

Parmentaria

Parmentaria chilensis Fée

A: PURVIS & JAMES 1993: 5; M: -; C: -; "Macaronesia": PURVIS 1992m: 440

Parmotrema

Parmotrema arnoldii (Du Rietz) Hale

A: TAVARES 1952: 370; M: ETAYO 1992: 181; C: TAVARES 1952: 370

Parmotrema austrosinense (Zahlbr.) Haie

A: -; M: -; C: KLEMENT 1965: 564

Parmotrema bangii (Vain.) Hale (syn. *Parmelia b.*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 228

Parmotrema cetratum >>> *Rimelia c.*

Parmotrema chinense (Osbeck) Hale & Ahti (syn. *P. perlatum*, *Parmelia p.*, *Parmelia sorediata*, *Parmelia trichotera*)

A: TAVARES 1952: 371 (incl. var. *ciliata*); M: TAVARES 1952: 371 (incl. var. *ciliata*, var. *platysmoides* and var. *sorediata*); C: TAVARES 1952: 371 (incl. var. *ciliata* and *Parmelia trichotera* var. *claudelii*)

Parmotrema conformatum (Vain.) Hale (syn. *Parmelia c.*)

A: -; M: -; C: TAVARES 1952: 370

Parmotrema crinitum (Ach.) Hale (syn. *Parmelia c.*)

A: TAVARES 1952: 370; M: TAVARES 1952: 370; C: TAVARES 1952: 370

Parmotrema grayanum (Hue) Hale (syn. *Parmelia g.*)

A: -; M: ARVIDSSON & WALL 1985: 45; C: ØSTHAGEN & KROG 1976: 229

Parmotrema mellissii (C.W. Dodge) Hale (syn. *Parmelia m.*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 230

Parmotrema perforatum (Jacq.) A. Massai. (syn. *Parmelia p.*)

A: TAVARES 1952: 371 (incl. var. *ciliata*); M: TAVARES 1952: 371; C: TAVARES 1952: 371 (doubtful)

Parmotrema perlatum >>> *P. chinense*

Parmotrema pseudoreticulatum (Tav.) Hale (syn. *Parmelia p.*)

A: TAVARES 1952: 371; M: -; C: KLEMENT 1965: 566

Parmotrema pseudotinctorum (Abbayes) Hale (syn. *Parmelia p.*)

A: -; M: -; C: KLEMENT 1965: 566

Parmotrema reticulatum >>> *Rimelia r.*

Parmotrema robustum (Degel.) Hale (syn. *Parmelia r.*)

A: TAVARES 1952: 371; M: TAVARES 1952: 371; C: KLEMENT 1965: 564

Parmotrema stuppeum (Taylor) Hale (syn. *Parmelia s.*)

A: ARVIDSSON 1990: 22; M: ALSTRUP 1991: 108; C: HERNANDEZ PADRÓN & PEREZ DE PAZ 1980b: 22

Parmotrema subtinctorium (Zahlbr.) Hale (syn. *Parmelia s.*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 232

Parmotrema tinctorum (Nyl.) Hale

A: TAVARES 1952: 371; M: ARVIDSSON & WALL 1985: 45; C: TAVARES 1952: 371

Peccania

Peccania cerebriformis Henssen & Büdel

A: -; M: -; C: HENSSEN & BÜDEL 1984: 263

Peltigera

Peltigera canina (L.) Willd.

A: TAVARES 1952: 361; M: TAVARES 1952: 361 (incl. f. *leucorrhiza* and f. *ulorrhiza*); C: TAVARES 1952: 361 (incl. f. *leucorrhiza*, f. *pellita* and f. *ulorrhiza*)

Peltigera degenii Gyeln.

A: -; M: ALSTRUP 1991: 108; C: -

Peltigera didactyla (With.) J.R. Laundon (syn. *P. spuria*, *P. erumpens*)

A: TAVARES 1952: 361; M: TAVARES 1952: 361; C: TAVARES 1952: 361

Peltigera dissecta Purvis, P. James & Vitik.

A: PURVIS & JAMES 1993: 7; M: -; C: -

Peltigera erumpens >>> *P. didactyla*

Peltigera horizontalis (Huds.) Baumg.

A: TAVARES 1952: 361; M: TAVARES 1952: 361; C: TAVARES 1952: 361

Peltigera hymenina (Ach.) Delise (syn. *P. lactucifolia* auct.)

A: APTROOT 1989: 63; M: FOLLMANN 1990: 101; C: HERNANDEZ PADRÓN & al. 1992: 146

Peltigera lactucifolia auct. >>> *P. hymenina*

Peltigera malacea (Ach.) Funck

A: TAVARES 1952: 361; M: -; C: -

Peltigera melanorrhiza Purvis, P. James & Vitik.

A: PURVIS & JAMES 1993: 9; M: -; C: -

Peltigera membranacea (Ach.) Nyl. (syn. *P. canina* f. *m.*)

A: TAVARES 1952: 361; M: TAVARES 1952: 361; C: TAVARES 1952: 361

Peltigera neckeri Hepp ex Müll. Arg.

A: -; M: -; C: VITIKAINEN 1994: 65

Peltigera polydactyla (Neck.) Hoffm.

A: TAVARES 1952: 361; M: TAVARES 1952: 361 (incl. f. *subspuria*); C: TAVARES 1952: 361 (incl. f. *microcarpa* and f. *subspuria*)

Peltigera praetextata (Flörke ex Sommerf.) Zopf

A: -; M: ARVIDSSON & WALL 1985: 46; C: TAVARES 1952: 361

Peltigera rufescens (Weiss) Humb.

A: TAVARES 1952: 361; M: TAVARES 1952: 361; C: TAVARES 1952: 361

Peltigera spuria >>> *P. didactyla*

Peltula

Peltula africana (Jatta) Swinscow & Krog

A: -; M: -; C: SWINSCOW 1982: 80

Peltula clavata (Kremp.) Wetmore

A: -; M: -; C: SWINSCOW 1982: 81

Peltula euploca (Ach.) Poelt in Pisut (syn. *Heppia* e.)

A: -; M: TAVARES 1952: 359; C: ØSTHAGEN & KROG 1976: 233

Peltula michoacanensis (de Lesd.) Wetmore

A: -; M: -; C: EGEA 1989a: 76

Peltula obscurans (Nyl.) Gyeln.

A: -; M: -; C: SWINSCOW 1982: 82

Peltula omphaliza (Nyl.) Wetmore

A: -; M: -; C: EGEA & al. 1987: 43

Peltula patellata (Bagl.) Swinscow & Krog

A: -; M: -; C: SWINSCOW 1982: 82

Peltula placodizans (Zahlbr.) Wetmore

A: -; M: KALB & HAFELLNER 1992: 78; C: EGEA & al. 1987: 43

Peltula psammophila (Nyl.) Egea (syn. *Heppia* p., *Solorinaria* p.)

A: -; M: -; C: SANCHEZ-PINTO & al. 1983: 244

Pertusaria

Pertusaria albescens (Huds.) M. Choisy & Werner (syn. *P. discoidea*)

A: -; M: -; C: TAVARES 1952: 367

Pertusaria albescens var. *subflotowiana* Erichsen

A: -; M: -; C: TOPHAM & SWINSCOW 1982: 93

Pertusaria alpina Hepp ex A.E. Ahles

A: -; M: C: TAVARES 1952: 367

Pertusaria amara (Ach.) Nyl.

A: TAVARES 1952: 367; M: KALB & HAFELLNER 1992: 78; C: TAVARES 1952: 367

Pertusaria amara var. *flotowiana* (Flörke) Erichsen

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1980: 206

Pertusaria amarescens Nyl.

A: -; M: -; C: KLEMENT 1965: 559

Pertusaria caesioalba (Flot.) Nyl.

A: -; M: TAVARES 1952: 367; C: CHAMPION 1976: 29

Pertusaria ceuthocarpoides Zahlbr. (syn. *P. microstictica*)

A: -; M: -; C: TAVARES 1952: 367 (incl. var. *variolorosa*)

Pertusaria chiodectonoides Bagl. ex A. Massal.

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 26

Pertusaria coccodes (Ach.) Nyl.

A: -; M: KALB & HAFELLNER 1992: 78; C: TOPHAM & WALKER 1982: 69

Pertusaria corallina (L.) Arnold

A: -; M: KALB & HAFELLNER 1992: 78; C: VEZDA 1995c: 2

Pertusaria coronata (Ach.) Th. Fr.

A: -; M: -; C: HERNANDEZ PADRÓN 1985: 122

Pertusaria dactylina (Ach.) Nyl.

A: -; M: -; C: CHAMPION 1976: 29

Pertusaria dealbata (Ach.) Cromb.

A: TAVARES 1952: 367; M: -; C: TAVARES 1952: 367

Pertusaria discoidea >>> *P. albescens*

Pertusaria dispar J. Steiner

A: -; M: -; C: BREUSS 1988: 838

Pertusaria exalbescens Nyl.

A: -; M: -; C: TAVARES 1952: 367

Pertusaria excludens Nyl.

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 26

Pertusaria excludens var. *teneriffensis* >>> *P. t.*

Pertusaria ficorum Zahlbr.

A: -; M: -; C: TOPHAM & WALKER 1982: 69

Pertusaria flavida (DC.) J.R. Laundon

A: -; M: -; C: TOPHAM & WALKER 1982: 70

Pertusaria gallica >>> *P. pluripuncta*

Pertusaria gallica var. *isidiata* Egea, Hern.-Padr. & Llimona

A: -; M: -; C: EGEA & al. 1987: 44

Pertusaria heerii Hepp (nomen nudum)

A: -; M: TAVARES 1952: 367; C: -

Pertusaria hemisphaerica (Flörke) Erichsen

A: -; M: KALB & HAFELLNER 1992: 78; C: -

Pertusaria heterochroa (Müll. Arg.) Erichsen

A: -; M: KALB & HAFELLNER 1992: 79; C: HANKO 1983: 8

Pertusaria hymenea (Ach.) Schaer. (syn. *P. wulfenii*)

A: -; M: TAVARES 1952: 368 (incl. var. *rugosa*); C: TAVARES 1952: 368 (incl. var. *glabrescens*)

Pertusaria inconveniens Vain.

A: -; M: -; C: TAVARES 1952: 367

Pertusaria leioplaca DC.

A: -; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Pertusaria leucostoma (Bernh.) A. Massal.

A: -; M: -; C: KLEMENT 1965: 559

Pertusaria mammosa Harm.

A: -; M: -; C: KLEMENT 1965: 559

Pertusaria maximiliana Klem.

A: -; M: KALB & HAFELLNER 1992: 79; C: -

Pertusaria microstictica >>> *P. ceuthocarpoides*

Pertusaria monogona Nyl.

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 27

Pertusaria multipuncta (Turner) Nyl.

A: -; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Pertusaria ocellata (Wallr.) Körb.

A: TAVARES 1952: 367; M: -; C: -

Pertusaria oculata (Dicks.) Th. Fr.

A: -; M: -; C: TAVARES 1952: 367

Pertusaria ophthaimiza (Nyl.) Nyl.

A: -; M: KALB & HAFELLNER 1992: 79; C: -

Pertusaria panyrga (Ach.) A. Massal.

A: -; M: -; C: TAVARES 1952: 367

Pertusaria pertusa (Weigel) Tuck.

A: TAVARES 1952: 367; M: -; C: TAVARES 1952: 367

Pertusaria pluripuncta Nyl. (syn. *P. gallica*)

A: -; M: EGEA 1989b: 138; C: HERNANDEZ PADRÓN & al. 1980: 206

Pertusaria pseudocorallina (Lilj.) Arnold

A: ARVIDSSON 1990: 23; M: -; C: TAVARES 1952: 367

Pertusaria pulvinata Erichsen

A: PURVIS & JAMES 1993: 5; M: -; C: -

Pertusaria pupillaris (Nyl.) Th. Fr.

A: -; M: -; C: TOPHAM & WALKER 1982: 70

Pertusaria pustulata (Ach.) Duby

A: ARVIDSSON 1990: 23; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Pertusaria rupestris (DC.) Schaer.

A: -; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Pertusaria rupicola (Fr.) Harm.

A: -; M: -; C: TAVARES 1952: 367

Pertusaria rupicola var. *coralloidea* (Anzi) Croz.

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1980: 206

Pertusaria subcicatricosa J. Steiner

A: -; M: -; C: TAVARES 1952: 367

Pertusaria teguestensis Erichsen

A: -; M: -; C: TAVARES 1952: 367

Pertusaria teneriffensis Vain. (syn. *P. excludens* var. *t.*)

A: -; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Pertusaria velata (Turner) Nyl.

A: -; M: TAVARES 1952: 367; C: TAVARES 1952: 367

Pertusaria wulfenii >>> *P. hymenea*

Phacopsis

Phacopsis cephalodioides (Nyl.) Triebel & Rambold

Host: *Hypogymnia tubulosa* (1)

A: -; M: -; C: HAFELLNER 1995c: 495 (1)

Phacopsis huuskonenii Räsänen

Host: *Bryoria fuscescens* (1)

A: -; M: -; C: HAWKSWORTH 1982b: 83 (1)

Phacopsis lethariellae Hafellner & Rambold

Host: *Lethariella intricata* (1)

A: -; M: -; C: TRIEBEL & al. 1995: 77 (1)

Phacopsis oxyspora >>> *Nesolechia o.*

Phaeocalicium

Phaeocalicium tibellii Kalb

A: -; M: KALB & HAFELLNER 1992: 80; C: -

Phaeographis

Phaeographis dendritica (Ach.) Müll. Arg.

A: TAVARES 1952: 357; M: TAVARES 1952: 357; C: -

Phaeographis inusta (Ach.) Müll. Arg.

A: TAVARES 1952: 357; M: -; C: -

Phaeographis lyellii (Sm.) Zahlbr.

A: -; M: TAVARES 1952: 357; C: -

Phaeographis smithii (Leight.) de Lesd.

A: -; M: KALB & HAFELLNER 1992: 79; C: -

Phaeophyscia

Phaeophyscia cernohorskyi (Nádv.) Essl.

A: -; M: KALB & HAFELLNER 1992: 80; C: BREUSS 1988: 838

Phaeophyscia chloantha (Ach.) Moberg

A: APTROOT 1987: 63; M: -; C: -

Phaeophyscia ciliata (Hoffm.) Moberg (syn. *Physcia c.*)

A: -; M: TAVARES 1952: 378; C: TAVARES 1952: 378 (incl. f. *musciicola*)

Phaeophyscia endococcinea (Körb.) Moberg (syn. *Physcia lithotodes* var. *endococcinea*)

A: TAVARES 1952: 378 (incl. f. *venusta*); M: TAVARES 1952: 378; C:

Phaeophyscia endococcinodes (Poelt) Essl.

A: -; M: ARVIDSSON & WALL 1985: 47; C:

Phaeophyscia hirsuta (Mereschk.) Essl. (syn. *Physcia h.*)

A: APTROOT 1989: 64; M: -; C: CHAMPION 1976: 30

Phaeophyscia hispidula (Ach.) Moberg (syn. *Physcia setosa*)

A: -; M: TAVARES 1952: 379; C: TAVARES 1952: 379

Phaeophyscia orbicularis (Neck.) Moberg (syn. *Physcia o.*)

A: TAVARES 1952: 378; M: -; C: TAVARES 1952: 378

Phaeophyscia pusilloides (Zahlbr.) Essl.

A: -; M: -; C: TOPHAM & SWINSCOW 1982: 93

Phaeopyxis

Phaeopyxis punctum (A. Massal.) Rambold, Triebel & Coppins

Host: *Cladonia spec.* (1)

A: -; M: KALB & HAFELLNER 1992: 80 (1); C: -

Phaeosporobolus

Phaeosporobolus usneae D. Hawksw. & Hafellner

Host: *Lethariella intricata* (1)

A: -; M: -; C: HAWKSWORTH & HAFELLNER 1986: 526 (1)

Pharcidia

Pharcidia arthoniae >>> *Stigmidium a.*

Pharcidia epiramalina >>> *Stigmidium e.*

Phlyctis

Phlyctis agelaea (Ach.) Flot.

A: JAMES & HITCH 1992: 465; M: ARVIDSSON & WALL 1985: 46; C: TAVARES 1952: 370

Phlyctis argena (Spreng.) Flot.

A: -; M: -; C: HAFELLNER 1995c: 495

Physcia

Physcia adscendens (Fr.) H. Olivier

A: TAVARES 1952: 378; M: -; C: TAVARES 1952: 378

Physcia aipolia (Ehrh. ex Humb.) Fűrnr.

A: -; M: TAVARES 1952: 378; C: TAVARES 1952: 378 (incl. var. *minor*)

Physcia albata (F. Wilson) Hale

A: -; M: KALB & HAFELLNER 1992: 80; C: -

Physcia albinea (Ach.) Nyl.

A: -; M: -; C: TAVARES 1952: 378

Physcia atrostrigata Moberg

A: MOBERG 1989: 251; M: -; C: -

Physcia biziana (A. Massal.) Zahlbr.

A: -; M: -; C: TOPHAM & WALKER 1982: 70

Physcia caesia (Hoffm.) Fűrnr.

A: ARVIDSSON 1990: 24; M: TAVARES 1952: 378; C: TAVARES 1952: 378

Physcia ciliata >>> *Phaeophyscia c.*

Physcia clementei (Sm.) Maas Geest. (syn. *P. astroidea*)

A: TAVARES 1952: 378; M: KALB & HAFELLNER 1992: 81; C: CHAMPION & SANCHEZ- PINTO 1978: 27

Physcia dimidiata (Arnold) Nyl.

A: -; M: KALB & HAFELLNER 1992: 81; C: TAVARES 1952: 378

Physcia dubia (Hoffm.) Lettau

A: -; M: -; C: TOPHAM & WALKER 1982

Physcia erumpens Moberg

A: MOBERG 1989: 252; M: -; C: -

Physcia leptalea >>> *P. semipinnata*

Physcia orbicularis >>> *Phaeophyscia o.*

Physcia picta >>> *Dirinaria p.*

Physcia scopulorum (Lambinon & Vezda) Poelt & Nimis

A: -; M: -; C: VEZDA 1994d: 2

Physcia semipinnata (J.F. Gmel.) Moberg

A: -; M: TAVARES 1952: 378; C: TAVARES 1952: 378 (incl. var. *musciicola*)

Physcia setosa >>> *Phaeophyscia hispidula*

Physcia stellaris (L.) Nyl.

A: TAVARES 1952: 379; M: TAVARES 1952: 379; C: -

Physcia subalbinea Nyl.

A: -; M: -; C: TAVARES 1952: 379

Physcia tenella (Scop.) DC.

A: TAVARES 1952: 379; M: -; C: SANCHEZ-PINTO & al. 1983: 242

Physcia teretiuscula (Ach.) Lynge

A: -; M: -; C: TAVARES 1952: 379

Physcia tribacia (Ach.) Nyl.

A: -; M: ARVIDSSON & WALL 1985: 46; C: TAVARES 1952: 379

Physcia tribacioides Nyl.

A: APTROOT 1989: 64; M: ARVIDSSON & WALL 1985: 46; C: -

Physcia undulata Moberg

A: APTROOT 1989: 64; M: -; C: -

Physcia vainioi Räsänen

A: -; M: -; C: GONZALEZ & al. 1990b: 440 (uncertain)

Physcia vulcanica J. Steiner

A: -; M: -; C: TAVARES 1952: 379

Physconia

Physconia distorta (With.) J.R. Laundon (syn. *Physcia pulverulenta*)

A: TAVARES 1952: 378; M: TAVARES 1952: 378; C: KLEMENT 1965: 580

Physconia enteroxantha (Nyl.) Poelt

A: -; M: -; C: TAVARES 1952: 378

Physconia farrea >>> *P. perisidiosa*

Physconia grisea (Lam.) Poelt

A: -; M: -; C: TAVARES 1952: 378 (incl. f. *pityrea* and var. *semifarrea*)

Physconia muscigena (Ach.) Poelt (syn. *Physcia m.*)

A: -; M: TAVARES 1952: 378; C: TAVARES 1952: 378

Physconia perisidiosa (Erichsen) Moberg (syn. *P. farrea*)

A: -; M: -; C: TOPHAM & WALKER 1982: 71

Physconia pulverulenta >>> *P. distorta*

Physconia subpulverulenta (Szatala) Poelt

A: -; M: KALB & HAFELLNER 1992: 81; C: ØSTHAGEN & KROG 1976: 233

Physconia subpulverulenta var. *atlantica* Poelt

A: -; M: POELT 1966: 127; C: -

Physconia venusta (Ach.) Poelt (syn. *Physcia pulverulenta* var. v.)

A: -; M: TAVARES 1952: 379; C: -

Physma

Physma omphalioides >>> *Staurolemma o.*

Placodium

Placodium acrosporum Hepp (nomen nudum)

A: -; M: TAVARES 1952: 379; C: -

Placolecis

Placolecis opaca (Fr.) Hafellner (syn. *Astroplaca o.*, *Lecidea o.*, *Psora o.*)

A: -; M: -; C: TAVARES 1952: 362

Placopsis

Placopsis gelida (L.) Linds.

A: APTROOT 1989: 64; M: TAVARES 1952: 368; C: TAVARES 1952: 368

Placopsis parellina (Nyl.) I.M. Lamb

A: -; M: TAVARES 1952: 368 (incl. f. *argillacea*); C: -

Placopyrenium

Placopyrenium bucekii (Nádv. & Servit) Breuss

A: -; M: -; C: BREUSS 1987: 182

Placopyrenium rubescens (Timkó) Breuss

A: -; M: -; C: BREUSS 1988: 839

Placynthiella

Placynthiella icmalea >>> *Saccomorpha i.*

Placynthiella uliginosa >>> *Saccomorpha u.*

Placynthium

Placynthium tremniacum (A. Massal.) Jatta

A: -; M: -; C: HAFELLNER 1995a: 431

Platismatia

Platismatia glauca (L.) W.L. Culb. & C.F. Culb. (syn. *Cetraria g.*)

A: TAVARES 1952: 372 (incl. f. *fallax*); M: TAVARES 1952: 372 (incl. f. *fallax*); C: TAVARES 1952: 372 (incl. f. *fallax*)

Plectocarpon

Plectocarpon lichenum (Sommerf.) D. Hawksw. (syn. *Lichenomyces l.*, *Celidium l.*)

Hosts: *Lobaria pulmonaria* (1), *L. meridionalis* (2)

A: ARVIDSSON 1990: 24 (2); M: -; C: KLEMENT 1965: 547 (1)

Plectocarpon macaronesiae Diederich, Etayo & Sérus.

Host: *Lobaria pulmonaria* (1)

A: DIEDERICH & ETAYO 1994: 592; M: -; C: DIEDERICH & ETAYO 1994: 592 (1)

Plectocarpon scrobiculatae Diederich & Etayo

Host: *Lobaria scrobiculata* (1)

A: -; M: -; C: HAFELLNER 1995b: 140 (1)

Pleopsidium

Pleopsidium chlorophanum (Wahlenb.) Zopf (syn. *Acarospora c.*)

A: -; M: -; C: TAVARES 1952: 367 (doubtful, probably referring to *P. flavum*)

Pleopsidium flavum (Bellardi) Körb. (syn. *Acarospora oxytona*)

A: -; M: -; C: TAVARES 1952: 367

Polyblastia

Polyblastia alagranzae (Harm.) Zschacke

A: -; M: -; C: TAVARES 1952: 355

Polyblastia gothica Th. Fr.

A: PURVIS & JAMES 1993: 5; M: -; C: -

Polyblastiopsis

Polyblastiopsis tagananae (Harm.) Zahlbr.

A: -; M: -; C: TAVARES 1952: 355

Polychidium

Polychidium albociliatum >>> *Leptochidium a.*

Polychidium dendriscum (Nyl.) Henssen (syn. *Leptogidium d.*)

A: TAVARES 1952: 358; M: ARVIDSSON & WALL 1985: 46; C: KLEMENT 1965: 543

Polychidium muscicola (Sw.) Gray

A: -; M: TAVARES 1952: 358; C: TAVARES 1952: 358

Polycoccum

Polycoccum galligenum >>> *P. pulvinatum*

Polycoccum kernerii J. Steiner

Host: *Lecidea fuscoatra* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Polycoccum maculans (Vouaux) ined. (syn. *Didymosphaeria maculans*)

Host: *Ramalina subgeniculata* (1)

A: -; M: -; C: PITARD & HARMAND 1911: 71 (1)

Polycoccum pulvinatum (Eitner) R. Sant. (syn. *P. galligenum*)

Host: *Physcia caesia* (1), *Ph. dubia* (2), *Ph. tribacia* (3), *Ph. spec.* (4)

A: -; M: KALB & HAFELLNER 1992: 81 (4); C: HAFELLNER 1996: in print (1, 2, 3, 4)

Polycoccum squamarioides (Mudd) Arnold (syn. *Discothecium s.*, *Sorothelia confluens*)

Host: *Pertusaria multipuncta* (1), not mentioned (2)

A: -; M: -; C: PITARD & HARMAND 1911: 71 (2) (the host (1) of the specimen cited by PITARD & HARMAND (l. c.) was mentioned by RONDON 1969: 739)

Porina

Porina aenea >>> *Pseudosagedia a.*

Porina borrieri >>> *Pseudosagedia b.*

Porina chlorotica >>> *Pseudosagedia c.*

Porina glabra (A. Massal.) Zahlbr.

A: -; M: -; C: KLEMENT 1965: 536

Porina guaranitica Malme (syn. *P. heterospora*)

A: -; M: KALB & HAFELLNER 1992: 82; C: GIL GONZALEZ & al. 1990: 108

Porina heterospora >>> *P. guaranitica*

Porina isidiata Kalb & Hafellner

A: -; M: KALB & HAFELLNER 1992: 83; C: VEZDA 1994f: 2

Porina leptosperma Müll. Arg.

A: -; M: TAVARES 1952: 355; C: -

Porina mastoidea (Ach.) A. Massal.

A: -; M: TAVARES 1952: 355; C: - (citation may refer to *Porina isidiata*)

Porina nucula Ach.

A: -; M: -; C: CHAMPION 1976: 30 (citation probably refers to *Porina isidiata*)

Porina rosei Sérus.

A: -; M: SÉRUSIAUX 1991: 31 (sterile specimen, possibly *P. isidiata*); C: -

Porina semecarpi Vain.

A: -; M: TAVARES 1952: 355; C: -

Porpidia

Porpidia albocaerulescens (Wulfen) Hertel & Knoph (syn. *Lecidea a.*)

A: TAVARES 1952: 361; M: TAVARES 1952: 361; C: TAVARES 1952: 361

Porpidia cinereoatra (Ach.) Hertel & Knoph (syn. *Lecidea c.*)

A: PURVIS & al. 1994: 39; M: -; C: TAVARES 1952: 361 (incl. f. *placodina*)

Porpidia crustulata (Ach.) Hertel & Knoph (syn. *Lecidea c.*)

A: TAVARES 1952: 362; M: -; C: EGEA & LLIMONA 1991: 190

Porpidia flavicunda (Ach.) Gowan (syn. *Lecidea contigua* var. *flavicunda*)

A: -; M: TAVARES 1952: 362; C: -

Porpidia glaucophaea (Körb.) Hertel & Knoph

A: -; M: ETAYO 1992: 181; C: -

Porpidia macrocarpa (DC.) Hertel & A.J. Schwab (syn. *Lecidea macrocarpa*, *L. m.* var. *platycarpa*, *L. contigua*)

A: TAVARES 1952: 362; M: TAVARES 1952: 362; C: TAVARES 1952: 362

Porpidia musiva (Körb.) Hertel & Knoph (?syn. *Lecidea convexa* var. *lavicola*)

A: PURVIS & al. 1994: 39; M: -; C: TAVARES 1952: 362

Porpidia percontigua (Nyl.) ined. (syn. *Lecidea p.*)

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 19

Porpidia platycarpoides (Bagl.) Hertel

A: PURVIS & al. 1994: 39; M: -; C: -

Porpidia speirea (Ach.) Kremp. (syn. *Lecidea s.*)

A: TAVARES 1992: 362; M: TAVARES 1952: 362; C: - (doubtful)

Porpidia tuberculosa (Sm.) Hertel & Knoph

A: -; M: KALB & HAFELLNER 1992: 84; C: -

Porpidia zeoroides (Anzi) Knoph & Hertel (syn. *Lecidea macrocarpa* f. *trullisata*)

A: -; M: -; C: TAVARES 1952: 362

Protoblastenia

Protoblastenia monticola >>> *Clauzadea m.*

Protoblastenia rupestris (Scop.) J. Steiner

A: -; M: -; C: HAFELLNER 1995a: 431

Protoparmelia

Protoparmelia badia (Hoffm.) Hafellner (syn. *Lecanora b.*)

A: ARVIDSSON 1990: 21; M: KALB & HAFELLNER 1992: 84; C: TAVARES 1952: 368

Protoparmelia montagnei (Fr.) Poelt & Nimis (syn. *Lecanora m.*)

A: -; M: -; C: EGEE & al. 1987: 42

Protoparmelia olivascens (Nyl.) ined. (syn. *Lecanora o.*)

A: -; M: -; C: TOPHAM & WALKER 1982: 65

Protoparmelia psarophana (Nyl.) Sancho & A. Crespo (syn. *Lecanora p.*)

A: -; M: -; C: TOPHAM & WALKER 1982: 65

Pseudephebe

Pseudephebe pubescens (L.) M. Choisy

A: -; M: KALB & HAFELLNER 1992: 84; C: -

Pseudevernia

Pseudevernia furfuracea (L.) Zopf (syn. *Parmelia f.*)

A: - M: TAVARES 1952: 370 (incl. var. *candidula*); C: TAVARES 1952: 370

Pseudocyphellaria

Pseudocyphellaria aurata (Ach.) Vain.

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360 (incl. var. *angustata*)

Pseudocyphellaria crocata (L.) Vain.

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Pseudocyphellaria intricata (Delise) Vain. (syn. *P. thouarsii*)

A: TAVARES 1952: 361; M: TAVARES 1952: 361; C: TAVARES 1952: 361 (incl. var. *gymnoloma*)

Pseudocyphellaria lacerata Degel.

A: TAVARES 1952: 361; M: TAVARES 1952: 361; C: TAVARES 1952: 361 (sub *P. thouarsii* var. *subargyracea*, identity uncertain)

Pseudocyphellaria mougeotiana (Delise) Vain.

A: -; M: TAVARES 1952: 361; C: -

Pseudocyphellaria norvegica (Gyeln.) P. James

A: PURVIS 1992o: 508; M: PURVIS 1992o: 508; C: HERNANDEZ PADRÓN & al. 1992: 147

Pseudocyphellaria thouarsii >>> *P. intricata*

Pseudopyrenula

Pseudopyrenula diluta (Fée) Müll. Arg.

A: TAVARES 1952: 355; M: -; C: -

Pseudosagedia

Pseudosagedia aenea (Wallr.) Hafellner & Kalb (syn. *Porina a.*)

A: -; M: -; C: GIL GONZALEZ & al. 1990: 108

Pseudosagedia borrieri (Trevis.) Hafellner & Kalb (syn. *Porina b.*)

A: -; M: KALB & HAFELLNER 1992: 81; C: BREUSS 1988: 840

Pseudosagedia chlorotica (Ach.) Hafellner & Kalb (syn. *Porina c.*)

A: TAVARES 1952: 355; M: TAVARES 1952: 355; C: CHAMPION 1976: 30

Pseudoseptoria

Pseudoseptoria usneae (Vouaux) D. Hawksw.

Host: *Usnea spec.* (1)

A: -; M: -; C: HAFELLNER 1995a: 432 (1)

Psilolechia

Psilolechia lucida (Ach.) M. Choisy

A: -; M: ARVIDSSON & WALL 1985: 47; C: TOPHAM & WALKER 1982: 72

Psora

Psora albilabra >>> *P. vallesiaca*

Psora crenata (Taylor) Reinke

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1987a: 191

Psora decipiens (Hedw.) Hoffm. (syn. *Lecidea d.*)

A: -; M: FOLLMANN 1990: 101; C: TAVARES 1952: 362

Psora opaca >>> *Placolecis o.*

Psora tabacina >>> *Toninia tristis*

Psora vallesiaca (Schaer.) Timdal (syn. *P. albilabra* auct.)

A: -; M: -; C: HERNANDEZ PADRÓN & PEREZ DE PAZ 1980b: 22

Psoroma

Psoroma hypnorum (Vahl) Gray

A: -; M: ALSTRUP 1991: 108; C: -

Psorotichia

Psorotichia columnaris Henssen & Büdel

A: -; M: -; C: HENSSEN & BÜDEL 1984: 268

Psorotichia frustulosa Anzi

A: -; M: -; C: EGEA & al. 1987: 44

Pterygiopsis

Pterygiopsis canariensis Henssen

A: -; M: -; C: HENSSEN 1990a: 8

Punctelia

Punctelia borneri (Sm.) Krog (syn. *Parmelia b.*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 229

Punctelia reddenda (Stirt.) Krog (syn. *Parmelia r.*)

A: -; M: TAVARES 1952: 371; C: -

Punctelia rudecta (Ach.) Krog (syn. *Parmelia r.*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 231

Punctelia stictica (Delise ex Duby) Krog (syn. *Parmelia dubia* var. s.)

A: -; M: TAVARES 1952: 370; C: -

Punctelia subrudecta (Nyl.) Krog (syn. *Parmelia s.*, *P. dubia*)

A: -; M: ØSTHAGEN 1974: 13; C: TAVARES 1952: 370

Pyrenidium

Pyrenidium actinellum Nyl.

Host: *Leptochidium albociliatum* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Pyrenidium hyalosporum Alstrup, D. Hawksw. & R. Sant.

Host: *Placopsis gelida* (1)

A: -; M: GRUBE & HAFELLNER 1990: 294 (1); C: -

Pyrenocollema

Pyrenocollema halodytes (Nyl.) R.C. Harris (syn. *Arthopyrenia h.*)

A: -; M: -; C: HERNANDEZ PADRÓN & SANCHEZ PINTO 1987: 323; EGEA & al. 1987: 40

Pyrenopsis

Pyrenopsis palmana J. Steiner

A: -; M: -; C: TAVARES 1952: 358

Pyrenopsis rhodosticta (Taylor) Müll. Arg.

A: -; M: -; C: EGEA & al. 1987: 44

Pyrenopsis triptococca Nyl.

A: -; M: -; C: EGEA & al. 1987: 44

Pyrenula

Pyrenula acutispora Kalb & Hafellner

A: -; M: KALB & HAFELLNER 1992: 84; C: -

Pyrenula dermatodes (Borrer) Schaer.

A: PURVIS & JAMES 1993: 5; M: ALSTRUP 1991: 108; "Macaronesia":
HAWKSWORTH 1992c: 522

Pyrenula harrisii Hafellner & Kalb (syn. *P. neglecta* auct.)

A: PURVIS & JAMES 1993: 5; M: KALB & HAFELLNER 1992: 85; C: TOPHAM &
WALKER 1982: 71

Pyrenula laevigata (Pers.) Arnold

A: -; M: KALB & HAFELLNER 1992: 85; C: BREUSS 1988: 840

Pyrenula macrospora (Degel.) Coppins & P. James (syn. *P. nitida* var.
macrospora)

A: TAVARES 1952: 356; M: ETAYO 1992: 181; C: BREUSS 1988: 840

Pyrenula marginata Hook.

A: TAVARES 1952: 355; M: -; C: - (identity uncertain)

Pyrenula neglecta >>> *P. harrisii*

Pyrenula nitida (Weigel) Ach.

A: TAVARES 1952: 355; M: -; C: CHAMPION 1976: 30

Pyrrhospora

Pyrrhospora lusitanica (Räsänen) Hafellner (syn. *Protoblastenia l.*)

A: -; M: KALB & HAFELLNER 1992: 86; C: HERNANDEZ PADRÓN & al. 1980: 207

Pyrrhospora quereia (Dicks.) Körb. (syn. *Lecidea qu.*)

A: -; M: -; C: TAVARES 1952: 362

Pyxine

Pyxine azorea >>> *Canoparmelia caroliniana*

Pyxine chrysanthoides Vain.

A: TAVARES 1952: 378; M: -; C: -

Pyxine cocoes (Sw.) Nyl.

A: TAVARES 1952: 378; M: ARVIDSSON & WALL 1985: 47; C: ØSTHAGEN & KROG
1976: 233

Pyxine endochrysoidea >>> *P. soledata*

Pyxine linearis R.W. Rogers

A: APTROOT 1989: 64; M: -; C: -

Pyxine meissneriana Nyl.

A: TAVARES 1952: 378; M: -; C: - (identity uncertain)

Pyxine physciaeformis (Malme) Imshaug

A: -; M: -; C: ØSTHAGEN & KROG 1976: 234

Pyxine sorediata (Ach.) Mont. (syn. *P. endochrysoides*)

A: TAVARES 1952: 378; M: TAVARES 1952: 378; C: TAVARES 1952: 378

Pyxine subcinerea Stirt.

A: -; M: ARVIDSSON & WALL 1985: 47; C: ØSTHAGEN & KROG 1976: 236

Ramalina

Ramalina arabum (Ach.) Meyen & Flot.

A: TAVARES 1952: 372; M: ALSTRUP 1991: 108; C: TAVARES 1952: 372

Ramalina aulota >>> *R. subgeniculata*

Ramalina bourgeana Mont. ex Nyl. (incl. *R. vulcanica*)

A: TAVARES 1952: 374; M: TAVARES 1952: 372, 374; C: TAVARES 1952: 372, 374 (incl. f. *delicata*)

Ramalina bourgeana f. *sublaevigata* >>> *R. crispatula*

Ramalina calicaris (L.) Fr.

A: TAVARES 1952: 372; M: TAVARES 1952: 372; C: TAVARES 1952: 372 (incl. var. *canaliculata*)

Ramalina canariensis J. Steiner

A: TAVARES 1952: 372; M: -; C: TAVARES 1952: 372

Ramalina capitata (Ach.) Nyl.

A: -; M: -; C: CHAMPION 1976: 30 (included in *R. polymorpha* by KROG & ØSTHAGEN 1980b)

Ramalina ceruchis (Ach.) De Not.

A: -; M: -; C: TAVARES 1952: 372 (doubtful)

Ramalina chondrina J. Steiner (syn. *Alectoria glauca*)

A: -; M: TAVARES 1952: 372; C: ØSTHAGEN & KROG 1976: 234

Ramalina complanata (Sw.) Ach.

A: -; M: TAVARES 1952: 372; C: -

Ramalina confertula Krog & Østh.

A: -; M: KROG & ØSTHAGEN 1980a: 185; C: -

Ramalina crispatula Despr. ex Nyl. (syn. *R. bourgeana* f. *sublaevigata*, *R. pollinaria* var. *phycoides*)

A: -; M: TAVARES 1952: 372; C: TAVARES 1952: 372

Ramalina cupularis Krog & P. James

A: -; M: -; C: KROG & ØSTHAGEN 1980b: 269

Ramalina cuspidata (Ach.) Nyl. (syn. *R. siliquosa* var. *c.*)

A: TAVARES 1952: 373; M: TAVARES 1952: 373; C: TAVARES 1952: 373 (incl. f. *crassa*, f. *minor* and f. *subvittata*)

Ramalina dalmatica Zahlbr.

A: -; M: -; C: CHAMPION 1976: 30 (doubtful)

- Ramalina decipiens* Mont. (syn. *R. subdecipiens*)
 A: TAVARES 1952: 373; M: TAVARES 1952: 373; C: TAVARES 1952: 372, 374
 (incl. f. *dissecta* and f. *luxurians*)
- Ramalina deminuta* Krog & Østh.
 A: -; M: -; C: KROG & ØSTHAGEN 1980b: 271
- Ramalina dendriscoides* Nyl.
 A: -; M: -; C: KLEMENT 1965: 570 (doubtful)
- Ramalina digitella* Nyl.
 A: -; M: -; C: KLEMENT 1965: 570 (doubtful)
- Ramalina dilacerata* (Hoffm.) Hoffm.
 A: -; M: TAVARES 1952: 372; C: TAVARES 1952: 372 (doubtful)
- Ramalina dracaena* >>> *R. huei*
- Ramalina duriae* >>> *R. lacera*
- Ramalina erosa* Krog
 A: -; M: KROG 1990: 242; C: -
- Ramalina evernioides* >>> *R. maciformis*
- Ramalina evernioides* auct. >>> *R. lacera*
- Ramalina farinacea* (L.) Ach.
 A: TAVARES 1952: 372; M: TAVARES 1952: 372 (incl. v. *pendulina*); C: TAVARES 1952: 372 (incl. var. *gracilentia*)
- Ramalina fastigiata* (Pers.) Ach. (syn. *R. populina*)
 A: -; M: TAVARES 1952: 373; C: KROG & ØSTHAGEN 1980b: 274
- Ramalina fraxinea* (L.) Ach.
 A: TAVARES 1952: 373; M: TAVARES 1952: 373; C: TAVARES 1952: 373 (incl. var. *calicariformis*)
- Ramalina hamulosa* Krog & Østh.
 A: -; M: -; C: KROG & ØSTHAGEN 1980b: 275
- Ramalina hierrensis* Krog & Østh.
 A: -; M: -; C: KROG & ØSTHAGEN 1980b: 276
- Ramalina homalea* Ach.
 A: -; M: -; C: TAVARES 1952: 373 (doubtful)
- Ramalina huei* Harm. (syn. *R. superfraxinea*, *R. dracaena*)
 A: -; M: -; C: TAVARES 1952: 373
- Ramalina implectens* Nyl.
 A: -; M: -; C: TAVARES 1952: 373
- Ramalina jamesii* Krog
 A: -; M: KROG 1990: 243; C: -
- Ramalina lacera* (With.) J.R. Laundon (syn. *R. duriae*, *R. evernioides* auct.)
 A: -; M: FOLLMANN 1990: 101; C: TAVARES 1952: 372
- Ramalina laevigata* Fr.
 A: -; M: -; C: TAVARES 1952: 373 (doubtful)
- Ramalina ligulata* >>> *R. polymorpha* var. *ligulata*
- Ramalina lusitanica* H. Magn.
 A: -; M: -; C: CHAMPION 1976: 30 (according to KROG & ØSTHAGEN 1980b the specimen belongs to *R. mollis*)

- Ramalina maciformis* (Delile) Bory (syn. *R. evermiioides* Nyl.)
A: TAVARES 1952: 372; M: TAVARES 1952: 373; C: TAVARES 1952: 372, 373
- Ramalina maderensis* Motyka
A: -; M: MOTYKA 1960: 706; C: KROG & ØSTHAGEN 1980b: 282
- Ramalina mediterranea* H. Magn.
A: -; M: -; C: KLEMENT 1965: 570 (doubtful)
- Ramalina mollis* Krog & Østh.
A: -; M: -; C: ØSTHAGEN & KROG 1976: 234
- Ramalina nematodes* (Nyl.) Krog & Østh. (syn. *R. siliquosa* var. *nematodes*)
A: APTROOT 1989: 64; M: TAVARES 1952: 373; C: -
- Ramalina nodosa* Krog & Østh.
A: -; M: -; C: KROG & ØSTHAGEN 1978: 55
- Ramalina obtusata* (Arnold) Bitter (syn. *R. dilacerata* var. *o.*)
A: -; M: -; C: TAVARES 1952: 372
- Ramalina orientalis* H. Magn.
A: -; M: -; C: KLEMENT 1965: 570 (doubtful)
- Ramalina pachyphloea* J. Steiner
A: -; M: -; C: TAVARES 1952: 373 (according to KROG & ØSTHAGEN 1980b possibly identical with *R. crispatula*)
- Ramalina parva* Krog & Østh.
A: -; M: -; C: KROG & ØSTHAGEN 1978: 56
- Ramalina peruviana* Ach.
A: APTROOT 1989: 64; M: -; C: -
- Ramalina pitardii* Hue (syn. *R. subfenestrata*)
A: -; M: -; C: TAVARES 1952: 373
- Ramalina pluviariae* Krog & Østh.
A: -; M: -; C: ØSTHAGEN & KROG 1976: 236
- Ramalina pollinaria* (Westr.) Ach.
A: TAVARES 1952: 373; M: TAVARES 1952: 373; C: TAVARES 1952: 373 (doubtful)
- Ramalina polymorpha* (Lilj.) Ach.
A: -; M: TAVARES 1952: 373; C: TAVARES 1952: 373
- Ramalina polymorpha* var. *ligulata* (Ach.) Ach. (syn. *R. ligulata*)
A: -; M: TAVARES 1952: 373; C: -
- Ramalina populina* >>> *R. fastigiata*
- Ramalina portosantana* Krog
A: -; M: KROG 1990: 244; C: -
- Ramalina portuensis* Samp.
A: -; M: FOLLMANN 1990: 101; C: ØSTHAGEN & KROG 1976: 237
- Ramalina pusilla* Le Prévost ex Duby
A: TAVARES 1952: 373; M: TAVARES 1952: 373; C: TAVARES 1952: 373
- Ramalina reagens* (de Lesd.) W.L. Culb. (syn. *R. farinacea* var. *reagens*)
A: -; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 373

***Ramalina requienii* (De Not.) Jatta**

A: APTROOT 1989: 64; M: ARVIDSSON & WALL 1985: 47; C: ØSTHAGEN & KROG 1976: 238

***Ramalina siliquosa* (Huds.) A.L. Sm.**

A: TAVARES 1952: 373 (incl. var. *incrassata*); M: TAVARES 1952: 373 (incl. f. *tenuis*); C: TAVARES 1952: 373 (incl. var. *cornuata*, var. *incrassata*, var. *spinulosa* and var. *subulata*)

Ramalina siliquosa* var. *cuspidata* >>> *R. cuspidata

Ramalina subdecepiens* >>> *R. decepiens

***Ramalina subfarinacea* (Nyl. ex Cromb.) Nyl.**

A: TAVARES 1952: 373; M: TAVARES 1952: 373; C: TAVARES 1952: 373

Ramalina subfenestrata* >>> *R. pitardii

***Ramalina subfraxinea* Nyl.**

A: -; M: -; C: TAVARES 1952: 373 (doubtful)

***Ramalina subgeniculata* Nyl. (syn. *R. aulota*)**

A: TAVARES 1952: 373; M: TAVARES 1952: 373; C: TAVARES 1952: 373

***Ramalina subpusilla* (Nyl.) Krog & Swinscow**

A: -; M: FOLLMANN 1990: 101; C: TAVARES 1952: 374

Ramalina subwebbiana* >>> *R. decepiens

Ramalina superfraxinea* >>> *R. huei

***Ramalina thrausta* (Ach.) Nyl.**

A: TAVARES 1952: 374; M: -; C: TAVARES 1952: 374 (incl. f. *farinaria*, doubtful, according to KROG & ØSTHAGEN 1980b: 267 possibly identical with *R. chondrina*)

***Ramalina timdaliana* Krog**

A: -; M: KROG 1990: 246; C: -

***Ramalina tortuosa* Krog & Østh.**

A: -; M: -; C: ØSTHAGEN & KROG 1976: 239

Ramalina vulcanica* >>> *R. bourgeana

***Ramalina webbii* Mont.**

A: -; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Ramboldia

***Ramboldia insidiosa* (Th. Fr.) Hafellner**

Host: *Lecanora varia* (1)

A: -; M: -; C: HAFELLNER 1995c: 496 (1)

Ramonia

***Ramonia azorica* P. James & Purvis**

A: PURVIS & JAMES 1993: 11; M: -; C: -

Refractohilum

***Refractohilum galligenum* D. Hawksw.**

Host: *Nephroma tangeriense* (1), *Nephroma* spec. (2)

A: -; M: -; C: HAFELLNER 1995a: 432 (1, 2)

Refractohilum peltigerae (Keissl.) D. Hawksw.

Host: *Peltigera* spec. (1)

A: -; M: HAFELLNER 1995a: 432 (1); C: -

Rhizocarpon

Rhizocarpon alpicola (Anzi) Rabenh.

A: -; M: -; C: KLEMENT 1965: 552

Rhizocarpon badioatrum (Spreng.) Th. Fr.

A: -; M: -; C: TAVARES 1952: 364 (incl. var. *atroalbum*)

Rhizocarpon concentricum >>> *R. petraeum*

Rhizocarpon disporum (Hepp) Müll. Arg.

A: -; M: -; C: CRESPO & NARANJO 1981: 377

Rhizocarpon epispilum (Nyl.) Zahlbr.

Host: *Pertusaria rupicola* (1)

A: -; M: -; C: HAFELLNER 1995c: 496 (1)

Rhizocarpon eupetreum (Nyl.) Arnold

A: -; M: -; C: FEUERER 1991: 94

Rhizocarpon frigidum Räsänen

A: -; M: -; C: FOLLMANN 1982a: 33; FOLLMANN 1982b: 45

Rhizocarpon geminatum Körb.

A: -; M: -; C: FOLLMANN 1982a: 35

Rhizocarpon geographicum (L.) DC.

A: -; M: TAVARES 1952: 364 (incl. f. *atrovirens*); C: TAVARES 1952: 364

Rhizocarpon hochstetteri (Körb.) Vain.

A: PURVIS & al. 1992: 537; M: -; C: -

Rhizocarpon inimicum Poelt & Vezda

Host: *Lecanora rupicola* (1)

A: -; M: KALB & HAFELLNER 1992: 86 (1); C: -

Rhizocarpon intermediellum Räsänen

A: -; M: KALB & HAFELLNER 1992: 86; C: CRESPO & NARANJO 1981: 377

Rhizocarpon lavatum (Fr.) Hazsl.

A: -; M: TAVARES 1952: 364; C: -

Rhizocarpon lecanorinum Anders

A: -; M: -; C: NARANJO & SANTOS 1982: 54

Rhizocarpon lusitanicum (Nyl.) Arnold

Host: *Pertusaria* spec. (1)

A: -; M: KALB & HAFELLNER 1992: 86 (1); C: BREUSS 1988: 841 (1)

Rhizocarpon obscuratum (Ach.) A. Massal.

A: TAVARES 1952: 364; M: C: MAHEU & GILLET 1922: 557

Rhizocarpon ochrolechia (Poelt & Nimis) Hafellner

Host: *Ochrolechia parella* (1)

A: -; M: KALB & HAFELLNER 1992: 87 (1); C: -

Rhizocarpon petraeum (Wulfen) A. Massal. (syn. *R. concentricum* auct.)

A: M: TAVARES 1952: 364; C: -

Rhizocarpon polycarpon (Hepp) Th. Fr.

A: -; M: -; C: CHAMPION 1976: 30

Rhizocarpon riparium Räsänen

A: -; M: -; C: NARANJO & SANTOS 1982: 54

Rhizocarpon tavaresii Räsänen

A: -; M: -; C: NARANJO & SANTOS 1982: 55; FOLLMANN 1982a: 36

Rhizocarpon tinei (Tornab.) Runemark

A: -; M: KALB & HAFELLNER 1992: 87; C: CRESPO & NARANJO 1981: 377

Rhizocarpon viridiatrum (Wulfen) Körb.

Host: *Aspicilia* spec. (1); not mentioned (2)

A: -; M: KALB & HAFELLNER 1992: 87 (1); C: TAVARES 1952: 364 (2)

Rhizoplaca

Rhizoplaca chrysoleuca (Sm.) Zopf

A: -; M: -; C: FOLLMANN & SANCHEZ-PINTO 1981: 308

Rhizoplaca melanophthalma (DC.) Leuckert & Poelt (syn. *Lecanora m.*)

A: -; M: -; C: TAVARES 1952: 369

Rhizoplaca peltata (Ramond) Leuckert & Poelt

A: -; M: -; C: KLEMENT 1965: 563

Rimelia

Rimelia cetrata (Ach.) Hale & A. Fletcher (syn. *Parmotrema c.*, *Parmelia c.*)

A: -; M: TAVARES 1952: 370; C: TAVARES 1952: 370 (doubtful)

Rimelia reticulata (Taylor) Hale & A. Fletcher (syn. *Parmotrema r.*, *Parmelia r.*)

A: TAVARES 1952: 371; M: TAVARES 1952: 371; C: TAVARES 1952: 371

Rimelia subisidiosa (Müll. Arg.) Hale & A. Fletcher (syn. *Parmotrema s.*)

A: ARVIDSSON 1990: 23; M: -; C: -

Rimularia

Rimularia insularis (Nyl.) Rambold & Hertel (syn. *Lecidea intumescens*)

Host: *Lecanora rupicola* (1)

A: -; M: TAVARES 1952: 337, 362 (1); C: KLEMENT 1965: 551 (1)

Rinodina

Rinodina abolescens H. Magn.

A: -; M: TAVARES 1952: 377; C: GIRALT & MAYRHOFFER 1995: 136

Rinodina agavicola Erichsen

A: -; M: -; C: TAVARES 1952: 377

Rinodina alba Metzler ex Arnold

A: -; M: MATZER & al. 1994: 108; C: TAVARES 1952: 377

Rinodina albana (A. Massal.) A. Massal.

A: -; M: TAVARES 1952: 377; C: KLEMENT 1965: 577

Rinodina anomala (Zahlbr.) H. Mayrhofer & Giralt (syn. *Buellia a.*)

A: -; M: -; C: TOPHAM & WALKER 1982: 62

Rinodina archaea (Ach.) Arnold

A: APTROOT 1989: 64; ; M: -; C: NARANJO & SANTOS 1982: 54

Rinodina atrocinerea (Hook.) Körb.

A: -; M: MATZER & al. 1994: 108; C: CHAMPION 1976: 30

Rinodina beccariana Bagl. var. *beccariana* (syn. *R. subglaucescens*)

A: MAYRHOFFER 1984: 459; M: MAYRHOFFER 1984: 459; C: TOPHAM & WALKER 1982: 73

Rinodina beccariana var. *lavicola* (J. Steiner) Matzer & H. Mayrhofer (syn. *R. lavicola*)

A: MAYRHOFFER & al. 1993: 292; M: TAVARES 1958b: 234; C: TAVARES 1952: 378

Rinodina canariensis Matzer, H. Mayrhofer & P. Clerc

A: -; M: MATZER & al. 1994: 105; C: MATZER & al. 1994: 105

Rinodina capensis Hampe

A: -; M: -; C: GIRALT & MAYRHOFFER 1994: 132

Rinodina confinis Samp.

A: ARVIDSSON 1990: 24; M: -; C: -

Rinodina confragosa (Ach.) Körb.

A: -; M: -; C: TAVARES 1952: 378

Rinodina conradii Körb.

A: -; M: -; C: TOPHAM & WALKER 1982: 73

Rinodina exigua (Ach.) Gray

A: -; M: TAVARES 1952: 378; C: NARANJO & SANTOS 1982: 54; TOPHAM & WALKER 1982: 73 (according to GIRALT & MAYRHOFFER 1994: 134 these records may refer to *R. capensis*)

Rinodina gennarii Bagl.

A: -; M: EGEA 1989b: 138; C: EGEA & al. 1987: 45

Rinodina hallii Tuck.

A: -; M: -; C: HERNANDEZ PADRÓN 1985: 124

Rinodina insularis (Arnold) Hafellner

Hosts: *Lecanora rupicola* (1), *Lecanora rupicola* var. *efflorens* (2)

A: -; M: -; C: CALATAYUD & al. 1995: 377 (2); HAFELLNER 1995c: 496 (1)

Rinodina intermedia Bagl.

A: -; M: ARVIDSSON & WALL 1985: 47; C: BREUSS 1988: 841

Rinodina laevigata (Ach.) Malme

A: -; M: -; C: TAVARES 1952: 378

Rinodina lavicola >>> *R. beccariana* var. *lavicola*

Rinodina madeirensis Kalb & Hafellner

A: -; M: KALB & HAFELLNER 1992: 87; C: -

Rinodina obnascens (Nyl.) H. Olivier

Host: *Aspicilia* spec. (1)

A: -; M: -; C: HAFELLNER 1995c: 497 (1)

Rinodina oxydata (A. Massal.) A. Massal.

A: -; M: EGEA 1989b: 138; C: TAVARES 1952: 378

Rinodina plana H. Magn.

A: -; M: -; C: GIRALT & MAYRHOFFER 1995: 149

Rinodina pruinella Bagl.

A: -; M: -; C: TOPHAM & WALKER 1982: 73

Rinodina rinodinoides (Anzi) Scheid. ad int. (syn. *Buellia r.*)

A: -; M: -; C: TAVARES 1952: 377

Rinodina roboris (Dufour ex Nyl.) Arnold

A: -; M: TAVARES 1952: 378; C: TAVARES 1952: 378

Rinodina santorinensis J. Steiner

A: -; M: -; C: MAYRHOFFER & al. 1993: 296

Rinodina santorinensis var. *olivieri* (Samp.) H. Mayrhofer & Sattler

A: -; M: -; C: MAYRHOFFER & al. 1993: 301

Rinodina sophodes (Ach.) A. Massal.

A: -; M: TAVARES 1952: 378; C: TAVARES 1952: 378

Rinodina sophodes var. *lusitanica* H. Magn.

A: -; M: -; C: NARANJO & SANTOS 1982: 53

Rinodina soledadiata H. Magn.

A: -; M: -; C: CRESPO & BUENO 1982: 343

Rinodina subglaucescens >>> *R. beccariana*

Rinodina subtrachytica >>> *R. trachytica*

Rinodina trachytica (A. Massal.) Bagl. & Carestia (syn. *R. subtrachytica*)

A: -; M: MAYRHOFFER & al. 1992: 459; C: TAVARES 1952: 378

Roccella

Roccella africana Vain.

A: TAVARES 1952: 357; M: -; C: -

Roccella allorgei Abbayes

A: TAVARES 1952: 357; M: FOLLMANN 1990: 101; C: HERNANDEZ PADRÓN & al. 1987a: 192

Roccella arnoldii Vain. (syn. *R. fucoides* var. *a.*)

A: TAVARES 1952: 357; M: -; C: HERNANDEZ PADRÓN & al. 1987a: 192

Roccella boergesenii Vain. (syn. *R. vicentina*)

A: TAVARES 1952: 357, 358; M: TAVARES 1958a: 135; C: TAVARES 1952: 357

Roccella canariensis Darb.

A: FEIGE & al. 1990: 426; M: TAVARES 1958a: 128; C: TAVARES 1952: 357

Roccella fuciformis (L.) DC.

A: TAVARES 1952: 357; M: TAVARES 1952: 357; C: TAVARES 1952: 357

Roccella fuciformis var. *immutata* >>> *R. immutata*

Roccella fuciformis var. *maderensis* >>> *R. maderensis*

Roccella fucoides >>> *R. phycopsis*

Roccella fucoides var. *arnoldii* >>> *R. arnoldii*

Roccella guanchica Feige & Viethen

A: -; M: -; C: FEIGE & VIETHEN 1987: 611

Roccella hypomecha (Ach.) Bory

A: -; M: FOLLMANN 1990: 101; C: TAVARES 1952: 357

Roccella immutata (J. Steiner) Follmann (syn. *R. fuciformis* var. *i.*)

A: -; M: -; C: TAVARES 1952: 357

Roccella linearis (Ach.) Vain.

A: TAVARES 1952: 358 (incl. var. *hyperchromatica*); M: TAVARES 1952: 358; C: FOLLMANN 1993: 179

Roccella maderensis (J. Steiner) Follmann (syn. *R. fuciformis* var. *m.*)

A: TAVARES 1952: 357; M: TAVARES 1952: 357; C: KLEMENT 1965: 540

Roccella phycopsis (Ach.) Ach. (syn. *R. fucooides*)

A: TAVARES 1952: 357; M: TAVARES 1952: 357; C: TAVARES 1952: 357

Roccella teneriffensis Vain.

A: -; M: -; C: TAVARES 1952: 358

Roccella tinctoria DC.

A: TAVARES 1952: 358; M: TAVARES 1952: 358; C: TAVARES 1952: 358

Roccella tuberculata Vain.

A: -; M: TAVARES 1952: 358; C: TAVARES 1952: 358

Roccella tuberculata var. *vicentina* >>> *R. boergesenii*

Roccella vicentina >>> *R. boergesenii*

Roselliniella

Roselliniella cladoniae (Anzi) Matzer & Hafellner

Host: *Cladonia* spec. (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Roselliniella nephromatis (P. Crouan) Matzer & Hafellner

Hosts: *Nephroma foliolatum* (1), *Pseudocyphellaria lacerata* (2)

A: KONDRATYUK & GALLOWAY 1995: 341 (2); M: KALB & HAFELLNER 1992: 88 (1); C: -

Roselliniopsis

Roselliniopsis tartaricola (Nyl. in Leight.) Matzer

Host: *Pertusaria* spec. (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Saccomorpha

Saccomorpha icmalea (Ach.) Clauzade & Cl. Roux (syn. *Placynthiella i.*)

A: -; M: -; C: HERNANDEZ PADRÓN & al. 1992: 147

Saccomorpha uliginosa (Schrad.) Hafellner (syn. *Lecidea u.*, *Placynthiella u.*)

A: -; M: -; C: TOPHAM & WALKER 1982: 65

Sagiolechia

Sagiolechia atlantica Henssen

A: HENSSEN 1995b: 125; M: HENSSEN 1995b: 125; C: HENSSEN 1995b: 125

Sarcogyne

Sarcogyne pruinosa >>> *S. regularis*

Sarcogyne regularis Körb.

A: -; M: -; C: HAFELLNER 1995c: 498

Schismatomma

Schismatomma albocinctum (Nyl.) Zahlbr.

A: -; M: -; C: TEHLER 1993: 20

Schismatomma decolorans (Turner & Borrer ex Sm.) Clauzade & Vezda

A: -; M: TEHLER 1993: 18; C: CHAMPION 1976: 30

Schismatomma dirinellum (Nyl.) Zahlbr.

A: -; M: -; C: TEHLER 1993: 22

Schismatomma graphidioides >>> *S. ricasolii*

Schismatomma hafellneri Egea & Torrente

A: -; M: -; C: EGEA 1989b: 100; TORRENTE & EGEA 1989: 211

Schismatomma picconianum (Bagl.) J. Steiner

A: APTROOT 1989: 64; M: -; C: -

Schismatomma pitardii (de Lesd.) Egea & Torrente

A: TAVARES 1952: 357; M: KALB & HAFELLNER 1992: 88; C: TAVARES 1952: 357

Schismatomma ricasolii (A. Massal.) Egea & Torrente (syn. *Enterographa graphidioides*, *Schismatomma g.*)

A: -; M: TAVARES 1952: 357; C: TAVARES 1952: 357

Schismatomma umbrinum (Coppins & P. James) P.M. Jørg. & Tønsgaard

A: -; M: KALB & HAFELLNER 1992: 88; C: -

Sclerococcum

Sclerococcum sphaerale Fr.

Hosts: *Pertusaria corallina* (1), *Pertusaria spec.* (2)

A: -; M: KALB & HAFELLNER 1992: 89 (1, 2); C: -

Sclerophyton

Sclerophyton circumscriptum (Taylor) Zahlbr.

A: TAVARES 1958b: 225; M: EGEA 1989b: 138; C: TAVARES 1952: 357 (incl. f. *pruinsum*)

Scoliciosporum

Scoliciosporum pruinsum (P. James) Vezda

A: -; M: PURVIS 1992r: 563; C: -

Scoliciosporum umbrinum (Ach.) Arnold

A: -; M: KALB & HAFELLNER 1992: 89; C: -

Scutula

Scutula miliaris (Wallr.) Trev.

Host: *Nephroma laevigatum* (1)

A: -; M: STEIN 1883: 233 (1) (sub *Biatorina heerii*, identity uncertain); C: -

Scutula pleiospora >>> *Catillaria mediterranea*

***Scutula stereocaulorum* (Anzi) Korb.**

Hosts: *Stereocaulon vesuvianum* (1), *Stereocaulon spec.* (2)

A: -; M: KALB & HAFELLNER 1992: 89 (2); C: HAFELLNER 1995c: 498 (1)

Siphula

Siphula ceratites (Wahlenb.) Fr.

A: TAVARES 1952: 375; M: -; C: - (doubtful)

Skyttea

Skyttea nitschkei (Korb.) Sherwood, D. Hawksw. & Coppins

Host: *Thelotrema lepadinum* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Skyttea tephromelarum Kalb & Hafellner

Hosts: *Tephromela atra* coll. (1), *T. atra* var. *torulosa* (2)

A: -; M: KALB & HAFELLNER 1992: 89 (1); C: HAFELLNER 1996: in print (1, 2)

Solenopsora

Solenopsora cesatii (A. Massal.) Zahlbr.

A: -; M: -; C: CHAMPION 1976: 30

Solenopsora cesatii var. *grisea* (Bagl.) Nimis

A: -; M: -; C: GILBERT 1982: 91

Solenopsora holophaea (Mont.) Samp. (syn. *Candelariella holophaea*)

A: ARVIDSSON 1990: 24; M: TAVARES 1952: 370; C: TAVARES 1952: 370 (incl. var. *glauropsora*)

Solenopsora olivacea (Fr.) Kilius (syn. *Lecidea o.*)

A: -; M: -; C: KLEMENT 1965: 551

Solenopsora vulturiensis A. Massal.

A: -; M: KALB & HAFELLNER 1992: 89; C: CHAMPION 1976: 31

Solorina

Solorina saccata (L.) Ach.

A: -; M: FOLLMANN 1990: 101; C: -

Solorinaria

Solorinaria psammophila >>> *Peltula p.*

Sphaerellothecium

Sphaerellothecium minutum Hafellner

Host: *Sphaerophorus globosus* (1)

A: -; M: HAFELLNER 1995a: 432 (1); C: -

Sphaerophorus

Sphaerophorus globosus (Huds.) Vain.

A: PURVIS 1992s: 568; M: TAVARES 1952: 356; C: TAVARES 1952: 356 (incl. var. *palmanus*)

Sphinctrina

Sphinctrina anglica Nyl. (syn. *S. microcephala*)

Host: not mentioned (1)

A: -; M: TAVARES 1952: 356 (1); C: TAVARES 1952: 356 (1)

Sphinctrina gelasinata >>> *S. turbinata*

Sphinctrina leucopoda Nyl.

Hosts: *Ochroiechia pallescens* (1), *Pertusaria pertusa* (2)

A: -; M: -; C: HERNANDEZ PADRÓN 1985: 125 (1, 2)

Sphinctrina microcephala >>> *S. anglica*

Sphinctrina tubiformis A. Massal.

Host: not mentioned (1)

A: APTROOT 1989: 64 (1); M: HERNANDEZ PADRÓN 1985: 125 (1); C:

HERNANDEZ PADRÓN 1985: 125 (1)

Sphinctrina turbinata (Pers.: Fr.) De Not. (syn. *S. gelasinata*)

Host: *Pertusaria leioplaca* (1), not mentioned (2)

A: -; M: TAVARES 1952: 356 (2); C: HAWKSWORTH 1982b: 83 (1)

Spilonema

Spilonema paradoxum Bornet

A: HENSSEN 1990b: 1; M: HENSSEN 1990b: 1; C: -

Spilonema revertens Nyl.

A: -; M: -; C: EGEA & al. 1987: 45

Spirographa

Spirographa fusisporella (Nyl.) Zahlbr.

Host: *Phlyctis agelaea* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Sporastatia

Sporastatia testudinea (Ach.) A. Massal.

A: -; M: -; C: CRESPO & NARANJO 1981: 377

Squamarina

Squamarina cartilaginea (With.) P. James (syn. *Lecanora crassa*)

A: -; M: TAVARES 1952: 368 (incl. var. *caespitosa*, var. *liparia* and var.

platyloba); C: TAVARES 1952: 368 (incl. var. *caespitosa*, var. *nitiduscula* and var. *platyloba*)

Squamarina cartilaginea var. *pseudocrassa* (Mattick) D. Hawksw.

A: -; M: -; C: TOPHAM & SWINSCOW 1982: 93

Squamarina concrescens (Müll. Arg.) Poelt

A: -; M: -; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 365

Squamarina crassa >>> *S. cartilaginea*

Squamarina lentigera (Weber) Poelt (syn. *Lecanora l.*)

A: -; M: TAVARES 1952: 369; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 366

Squamarina oleosa (Zahlbr.) Poelt

A: -; M: KALB & HAFELLNER 1992: 90; C: -

Staurolemma

Staurolemma omphaliaroides (Anzi) P.M. Jørg. & Henssen (syn. *Physma* o.)

A: -; M: -; C: ALMBORN 1974: 4

Staurothele

Staurothele rugulosa (A. Massal.) Arnold

A: -; M: -; C: HAFELLNER 1995a: 433

Stenocybe

Stenocybe bryophila Walt. Watson

A: -; M: Purvis 1992t: 576; C: -

Stenocybe byssacea >>> *S. pullatula*

Stenocybe pullatula (Fr.) Körb. (syn. *S. byssacea*)

A: -; M: -; C: CHAMPION 1976: 31

Stenocybe septata (Leight.) A. Massal.

A: -; M: -; C: CHAMPION 1976: 31

Stereocaulon

Stereocaulon alpinum Laurer

A: -; M: -; C: TAVARES 1952: 366 (doubtful)

Stereocaulon atlanticum (I.M. Lamb) I.M. Lamb (syn. *S. meyeri* ssp. *atlanticum*)

A: LAMB 1969: 635; M: -; C: -

Stereocaulon azureum (Schaer.) Nyl. (syn. *S. maderense*, *S. sphaerophoroides*)

A: TAVARES 1952: 366; M: TAVARES 1952: 366; C: TAVARES 1952: 366 (incl. var. *pumilum*)

Stereocaulon condensatum Hoffm.

A: TAVARES 1952: 366; M: -; C: - (doubtful)

Stereocaulon delisei Bory ex Duby

A: -; M: PURVIS 1992u: 579; C: -

Stereocaulon denudatum >>> *S. vesuvianum*

Stereocaulon evolutum Graewe (syn. *S. lusitanicum*)

A: -; M: TAVARES 1952: 366; C: PURVIS 1992u: 580

Stereocaulon flavireagens >>> *S. macaronesticum*

Stereocaulon leucophaeopsis (Nyl.) P. James & Purvis

A: PURVIS & al. 1994: 39; M: -; C: -

Stereocaulon lusitanicum >>> *S. evolutum*

Stereocaulon macaronesticum Purvis & P. James (syn. *S. flavireagens* auct.)

A: TAVARES 1952: 366; M: -; C: KLEMENT 1965: 557

Stereocaulon maderense >>> *S. azureum*

Stereocaulon paschale (L.) Hoffm.

A: TAVARES 1952: 366; M: TAVARES 1952: 366; C: - (doubtful)

Stereocaulon pileatum Ach.

A: APTROOT 1989: 65; M: -; C: -

Stereocaulon ramulosum (Sw.) Räscher.

A: TAVARES 1952: 366; M: -; C: KLEMENT 1965: 557

Stereocaulon sphaerophoroides >>> *S. azureum*

Stereocaulon vesuvianum Pers. (syn. *S. denudatum*)

A: TAVARES 1952: 367; M: TAVARES 1952: 367 (incl. var. *umbonatum*); C:

TAVARES 1952: 367 (incl. var. *umbonatum*)

Sticta

Sticta argyracea Delise

A: -; M: -; C: TAVARES 1952: 360

Sticta canariensis (Ach.) Bory ex Delise (incl. *S. damaecornis*)

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Sticta damaecornis >>> *S. canariensis*

Sticta dichotomoides Nyl.

A: -; M: TAVARES 1952: 360; C: - (doubtful)

Sticta dufourii Delise (morph of *S. canariensis* with cyanobacteria)

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Sticta filicina Ach.

A: -; M: -; C: TAVARES 1952: 360

Sticta fuliginosa (Hoffm.) Ach.

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Sticta fuliginosa f. *ciliata* Degel.

A: TAVARES 1952: 360; M: ARVIDSSON & WALL 1985: 48; C: KLEMENT 1965: 548

Sticta limbata (Sm.) Ach.

A: TAVARES 1952: 360; M: TAVARES 1952: 360; C: TAVARES 1952: 360

Sticta macrophylla maderensis Hepp (nomen nudum)

A: -; M: TAVARES 1952: 379; C: -

Sticta parmelioides Hepp (nomen nudum)

A: -; M: TAVARES 1952: 379; C: -

Sticta pulvinata (Meyen & Flot.) Vain.

A: -; M: -; C: TAVARES 1952: 360 (doubtful)

Sticta sinuosa Pers. (syn. *S. s. var. macrophylla*)

A: -; M: TAVARES 1952: 360; C: -

Sticta sylvatica (Huds.) Ach.

A: -; M: PURVIS 1992v: 584; C: TAVARES 1952: 360

Sticta weigellii (Ach.) Vain.

A: TAVARES 1952: 360; M: -; C: KLEMENT 1965: 549

Stigmatidium

Stigmatidium arthoniae (Arnold) Hafellner (syn. *Pharcidia a.*)

Host: not mentioned (1)

A: -; M: -; C: PITARD & HARMAND 1911: 71 (1)

***Stigmatidium congestum* (Körb.) Triebel**Host: *Lecanora chlarotera* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

***Stigmatidium epiramalina* (Vouaux) Hafellner (syn. *Pharcidia* e.)**Hosts: *Ramalina decipiens* (1), *R. bourgeana* (2)

A: -; M: -; C: PITARD & HARMAND 1911: 71 (1, 2)

***Stigmatidium psorae* (Anzi) Hafellner**Host: *Psora decipiens* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

***Stigmatidium pumilum* (Lettau) Matzer & Hafellner**Host: *Physcia caesia* (1)

A: -; M: -; C: MATZER & HAFELLNER 1990: 115 (1)

***Stigmatidium tabacinae* (Arnold) Triebei**Hosts: *Toninia toepfferi* (1), *T. tristis* (2)

A: -; M: -; C: HAFELLNER 1996: in print (1, 2)

Strigula***Strigula nitidula* Mont.**

A: TAVARES 1954: 317; M: TAVARES 1952: 356; C: VEZDA 1987a: 2

Strongyleuma***Strongyleuma exsertum* (Nyl.) Vain.**

A: -; M: -; C: TIBELL 1981: 164

Synalissa***Synalissa symphorea* (Ach.) Nyl.**

A: -; M: -; C: CHAMPION 1976: 31

Syncesia***Syncesia myrticola* (Fée) Tehler (syn. *Chiodecton* m.)**

A: TAVARES 1952: 357; M: ETAYO 1992: 180; C: FOLLMANN & HERNANDEZ PADRÓN 1978: 365

Tapellaria***Tapellaria epiphylla* (Müll. Arg.) R. Sant.**

A: TAVARES 1952: 363; M: TAVARES 1952: 363; C: CHAMPION 1976: 31

***Tapellaria similis* Kalb**

A: -; M: KALB & HAFELLNER 1992: 90; C: -

Teloschistes***Teloschistes chrysophthalmus* (L.) Th. Fr.**A: TAVARES 1952: 377; M: TAVARES 1952: 377 (incl. f. *denudatus*); C: TAVARES 1952: 377

***Teloschistes flavicans* (Sw.) Norman**

A: TAVARES 1952: 377; M: TAVARES 1952: 377 (incl. var. *croceus*); C: TAVARES 1952: 377 (incl. f. *cinerascens*, f. *glaber* and var. *croceus*)

***Teloschistes scorigenus* (Mont.) Vain. (syn. *Caloplaca stallactitica*)**

A: -; M: TAVARES 1958b: 232; C: TAVARES 1952: 377

***Teloschistes villosus* (Ach.) Norman**

A: -; M: -; C: TAVARES 1952: 377

Tephromela

***Tephromela atra* (Huds.) Hafellner**

A: TAVARES 1952: 368; M: TAVARES 1952: 368 (incl. var. *ocellata*); C: TAVARES 1952: 368 (incl. var. *ocellata*)

***Tephromela atra* var. *torulosa* (Flörke) Hafellner**

A: -; M: KALB & HAFELLNER 1992: 90; C: e.g. HERNANDEZ PADRÓN & al. 1991: 125 (variety not distinguished)

Thelenella

***Thelenella inductula* (Nyl.) H. Mayrhofer**

A: -; M: -; C: MAYRHOFFER 1987: 38

***Thelenella sampaiana* (de Lesd.) H. Mayrhofer & Poelt**

A: -; M: -; C: EGEA & al. 1987: 45

Thelidium

***Thelidium decipiens* (Nyl.) Kremp.**

A: -; M: -; C: HAFELLNER 1995a: 433

Thelocarpon

***Thelocarpon coccosporum* Lettau**

A: -; M: -; C: HAFELLNER 1995c: 498

***Thelocarpon laureri* (Flot.) Nyl.**

A: -; M: -; C: HERNANDEZ PADRÓN & SANCHEZ-PINTO 1987: 329

Thelochroa

***Thelochroa montinii* A. Massal.**

A: -; M: -; C: MORENO & EGEA 1994: 299

Thelomma

***Thelomma californicum* (Tuck.) Tibell**

A: -; M: -; C: HUNECK & al. 1986: 287

***Thelomma mammosum* (Hepp) A. Massal. (syn. *Cyphelium vouauxii*)**

A: -; M: -; C: TAVARES 1952: 356

Thelopsis

Thelopsis isiaca Stizenb.

A: -, M: TAVARES 1964: 131; C: HERNANDEZ PADRÓN & PEREZ DE PAZ 1980a: 98; HERNANDEZ PADRÓN & al. 1980: 210

Thelopsis rubella Nyl.

A: ARVIDSSON 1990: 24; M: KALB & HAFELLNER 1992: 91; C: CHAMPION 1976: 31

Thelotrema

Thelotrema antoninii Purvis & P. James

A: PURVIS & al. 1995: 341; M: -, C: -

Thelotrema harmandii Pit.

A: -, M: -, C: TAVARES 1952: 358

Thelotrema isidioides (Borrer) R. Sant.

A: PURVIS & JAMES 1993: 11; M: -, C: -

Thelotrema lepadinum (Ach.) Ach.

A: TAVARES 1952: 358; M: TAVARES 1952: 358; C: TAVARES 1952: 358

Thelotrema lepadinum var. *maderense* Stein

A: -, M: TAVARES 1952: 358; C: -

T. macrosporum P.M. Jørg. & P. James

Records of *T. monosporum* may refer to this species

Thelotrema monosporum Nyl.

A: -, M: KALB & HAFELLNER 1992: 91; C: GIL GONZALEZ & al. 1990: 108 (doubtful, the references probably refer to *T. macrosporum*, see PURVIS & al. 1995: 347)

Thelotrema perforatum Leight. var. *pauciseptatum* Purvis & P. James

A: PURVIS & al. 1995: 350; M: -, C: -

Thelotrema petractoides P.M. Jørg. & Brodo

A: -, M: PURVIS & al. 1995: 352; C: -

Thelotrema subtile Tuck. (?syn. *Ocellularia atlantica*)

A: HAWKSWORTH 1992e: 600; M: KALB & HAFELLNER 1992: 92 (not confirmed by PURVIS & al. 1995, the specimen belongs to *T. petractoides*); C: TAVARES 1952: 320, 358 (doubtful)

Thrombium

Thrombium epigaeum (Pers.) Wallr.

A: PURVIS 1992w: 602; M: -, C: -

Thyrea

Thyrea nummularia >>> *Lichinella iodopulchra*

Thyrea pitardii (Harm.) Zahlbr.

A: -, M: -, C: TAVARES 1952: 358

Tomasellia

Tomasellia gelatinosa (Chev.) Zahlbr.

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 35

Tomasellia lactea (Ach.) R.C. Harris

A: -; M: -; C: COPPINS 1992f: 603

Toninia

Toninia affinis >>> *T. aromatica*

Toninia albilabra (Dufour) H. Olivier

A: -; M: TIMDAL 1991: 33; C: -

Toninia aromatica (Turner ex Sm.) A. Massal. (syn. *T. sanguinaria*, *T. affinis*, *T. squamulosa*)

A: TAVARES 1952: 363; M: TAVARES 1952: 363; C: TAVARES 1952: 363

Toninia caeruleonigricans >>> *T. sedifolia*

Toninia candida (Weber) Th. Fr.

A: -; M: -; C: TAVARES 1952: 363 (doubtful, not confirmed by TIMDAL 1991)

Toninia cinereovirens (Schaer.) A. Massal.

A: -; M: TIMDAL 1991: 52; C: CRESPO & NARANJO 1981: 377

Toninia massata (Tuck.) Herre

A: TIMDAL 1991: 70; M: TIMDAL 1991: 70; C: TIMDAL 1991: 70

Toninia mesoidea (Nyl.) Zahlbr.

A: -; M: KALB & HAFELLNER 1992: 92; C: -

Toninia plumbina (Anzi) Hafellner & Timdal

Host: not mentioned (1)

A: -; M: -; C: TIMDAL 1991: 85 (1)

Toninia pulvinata >>> *T. thiopsora*

Toninia ruginosa (Tuck.) Herre

A: -; M: -; C: TIMDAL 1991: 89

Toninia sedifolia (Scop.) Timdal (syn. *T. caeruleonigricans* auct.)

A: TAVARES 1952: 363; M: TAVARES 1952: 363; C: TAVARES 1952: 363

Toninia squalida (Ach.) A. Massal.

A: -; M: TIMDAL 1991: 97; C: TAVARES 1952: 363

Toninia squamulosa >>> *T. aromatica*

Toninia tabacina >>> *T. tristis*

Toninia thiopsora (Nyl.) H. Olivier (syn. *T. pulvinata*)

A: PURVIS & al. 1994: 39; M: KALB & HAFELLNER 1992: 92, TIMDAL & JAMES 1992: 608; C: -

Toninia toepfferi (Stein) Navas

A: -; M: TAVARES 1952: 363; C: TOPHAM & WALKER 1982: 74

Toninia tristis (Th. Fr.) Th. Fr. (syn. *T. tabacina*, *Lecidea tabacina*)

A: -; M: TAVARES 1952: 362; C: TAVARES 1952: 362 (Canarian specimens seen by Timdal 1991 belong to ssp. *pseudotabacina*)

Toninia tumidula (Sm.) Zahlbr.

A: TAVARES 1952: 363; M: -; C: - (doubtful)

Topelia*Topelia rosea* (Servit) P.M. Jørg. & Vezda

A: -; M: -; C: VEZDA 1994c: 4

Tornabaea*Tornabaea scutellifera* (With.) J.R. Laundon (syn. *T. atlantica*, *T. intricata*)A: -; M: -; C: TAVARES 1952: 379 (incl. f. *solenaria*)**Trapelia***Trapelia coarctata* (Sm.) M. Choisy (syn. *Lecidea c.*)A: TOPHAM & WALKER 1982: 74; M: TAVARES 1952: 361 (incl. f. *terrestris*); C: CHAMPION & SANCHEZ-PINTO 1978: 19*Trapelia corticola* Coppins & P. James

A: COPPINS & JAMES 1984: 254; M: PURVIS 1992y: 611; C: COPPINS & JAMES 1984: 254

Trapelia involuta (Taylor) Hertel

A: PURVIS & JAMES 1993: 5; M: -; C: TOPHAM & WALKER 1982: 74

Trapelia obtegens (Th. Fr.) Hertel

A: Purvis 1992y: 611; M: PURVIS 1992y: 611; C: HAFELLNER 1995c: 498

Trapeliopsis*Trapeliopsis flexuosa* (Fr.) Coppins & P. James

A: APTROOT 1989: 65; M: KALB & HAFELLNER 1992: 92; C: HAFELLNER 1995c: 499

Trapeliopsis granulosa (Hoffm.) Lumbsch

A: APTROOT 1989: 65; M: -; C: -

Trapeliopsis pseudogranulosa Coppins & P. James

A: -; M: ALSTRUP 1991: 108; C: HERNANDEZ PADRÓN & al. 1992: 148

Trapeliopsis wallrothii (Flörke) Hertel & Gotth. Schneid. (syn. *Lecidea w.*)

A: -; M: TAVARES 1952: 362; C: TAVARES 1952: 362

Tremolecia*Tremolecia atrata* (Ach.) Hertel (syn. *Lecidea dicksonii*)

A: -; M: TAVARES 1952: 362; C: -

Tricharia*Tricharia triseptata* R. Sant.

A: -; M: FOLLMANN 1990: 101; C: -

Umbilicaria*Umbilicaria aprina* Nyl.

A: -; M: -; C: TAVARES 1952: 367

Umbilicaria cinereorufescens (Schaer.) Frey

A: -; M: -; C: FOLLMANN & SANCHEZ-PINTO 1981: 309

Umbilicaria crustulosa (Ach.) Frey

A: -; M: TAVARES 1952: 367; C: CHAMPION & SANCHEZ-PINTO 1978: 35

Umbilicaria decussata (Vill.) Zahlbr.

A: -; M: -; C: FOLLMANN & SANCHEZ-PINTO 1981: 307

Umbilicaria grisea Hoffm. (syn. *U. murina*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 240

Umbilicaria hirsuta (Sw. ex Westr.) Hoffm.

A: -; M: KALB & HAFELLNER 1992: 93; C: FOLLMANN 1979b: 134

Umbilicaria krempelhuberi Müll. Arg.

A: -; M: -; C: TOPHAM & WALKER 1982: 74

Umbilicaria murina >>> *U. grisea*

Umbilicaria polyphylla (L.) Baumg.

A: -; M: -; C: KLEMENT 1965: 558

Umbilicaria polyrhiza (L.) Fr.

A: -; M: -; C: TAVARES 1952: 367

Umbilicaria spodochoa (Hoffm.) DC.

A: -; M: TAVARES 1952: 367 (incl. f. *gyrina*); C: TAVARES 1952: 367

Umbilicaria vellea (L.) Hoffm.

A: -; M: -; C: TAVARES 1952: 367

Unguiculariopsis

Unguiculariopsis lettaui (Grummann) Coppins

Host: *Evernia prunastri* (1)

A: -; M: -; C: HAFELLNER 1995a: 433 (1)

Unguiculariopsis thallophila (P. Karst.) W.Y. Zhuang

Host: *Lecanora carpinea* (1)

A: -; M: -; C: HAFELLNER 1995a: 433 (1)

Usnea

Usnea articulata (L.) Hoffm.

A: -; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea articulata subsp. *mediterranea* Motyka

A: -; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea atlantica Vain.

A: -; M: -; C: TAVARES 1952: 374

Usnea barbata (L.) Weber ex F.H. Wigg. ("collective species")

A: TAVARES 1952: 374; M: TAVARES 1952: 374; C: -

Usnea canariensis >>> *Lethariella c.*

Usnea ceratina Ach.

A: TAVARES 1952: 374 (incl. ssp. *incurvescens*); M: TAVARES 1952: 374 (incl. ssp. *incurvescens* f. *rubicunda* and var. *subceratina*); C: TAVARES 1952: 374

Usnea cinchonae (Willd.) Zahlbr.

A: -; M: TAVARES 1952: 374; C: - (doubtful)

Usnea comosa >>> *U. subfloridana*

Usnea cornuta Körb. (syn. *U. inflata*)

A: TAVARES 1952: 374; M: TAVARES 1952: 374; C: -

Usnea dalmatica >>> *U. flammea*

Usnea dasaea Stirt. (syn. *U. dolosa*)

A: -; M: -; C: KLEMENT 1965: 573

Usnea dasypoga >>> *U. filipendula*

Usnea dasypogoides Nyl.

A: -; M: -; C: TAVARES 1952: 374 (doubtful)

Usnea decora Motyka

A: -; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea diffracta Vain.

A: -, M: TAVARES 1952: 374; C: - (doubtful)

Usnea diplotypus Vain.

A: -; M: -; C: CHAMPION & SANCHEZ-PINTO 1978: 36

Usnea dolosa >>> *U. dasaea*

Usnea erecta (Stein) Motyka

A: -; M: TAVARES 1952: 374; C: - (doubtful)

Usnea esperantiana P. Clerc

A: -; M: -; C: CLERC 1992: 514, 519

Usnea filipendula Stirt. (syn. *U. dasypoga* auct.)

A: -; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea flammea Stirt. (syn. *U. dalmatica*, *U. rupestris*)

A: TAVARES 1952: 374; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea florida (L.) Weber ex F.H. Wigg. ("collective species")

A: TAVARES 1952: 374 (incl. f. *rubescens*); M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea fragiliscens Hav. ex Lynge (syn. *U. mollis*)

A: -; M: TAVARES 1952: 375; C: TAVARES 1952: 375

Usnea fulvoreagens (Räsänen) Räsänen

A: -; M: KALB & HAFELLNER 1992: 93; C: -

Usnea glabrata (Ach.) Vain.

A: -; M: -; C: KLEMENT 1965: 573

Usnea glabrescens (Nyl. ex Vain.) Vain. (syn. *U. laricina*)

A: -; M: TAVARES 1952: 375; C: GIL GONZALEZ & al. 1990: 108

Usnea hesperina Motyka

A: -; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea hirta (L.) Weber ex F.H. Wigg.

A: TAVARES 1952: 374; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea implicita (Stirt.) Zahlbr.

A: -; M: TAVARES 1952: 374; C: -

Usnea inflata >>> *U. cornuta*

Usnea intricata >>> *Lethariella i.*

Usnea jamaicensis Ach.

A: -; M: TAVARES 1952: 375; C: - (doubtful)

Usnea japonica Vain.

A: -; M: TAVARES 1952: 375; C: TAVARES 1952: 375 (doubtful)

Usnea lapponica Vain. (syn. *U. sorediifera* auct.)

A: -; M: TAVARES 1952: 375; C: TAVARES 1952: 375

Usnea leucina Motyka

A: -; M: TAVARES 1964: 135; C: -

Usnea longissima Ach.

A: -; M: -; C: TAVARES 1952: 375

Usnea madeirensis Motyka

A: -; M: TAVARES 1964: 136; C: KLEMENT 1965: 573

Usnea marocana Motyka

A: -; M: -; C: KLEMENT 1965: 573

Usnea mollis >>> *U. fragilescens*

Usnea pendulina >>> *U. plicata*

Usnea perplexans Stirt.

A: -; M: -; C: TAVARES 1952: 375

Usnea plicata (L.) Weber ex F.H. Wigg. (syn. *U. pendulina*)

A: TAVARES 1952: 375; M: TAVARES 1952: 375; C: TAVARES 1952: 375 (incl. f. *nodulosopisifera* and var. *scabra*)

Usnea rubescens Stirt.

A: -; M: -; C: KLEMENT 1965: 574

Usnea rubescens Stirt. var. *rubrotincta* (Stirt.) Motyka

A: -; M: TAVARES 1952: 375; C: -

Usnea rubicunda Stirt. (syn. *U. r.* var. *primaria*, *U. rubiginea* auct.)

A: TAVARES 1952: 375; M: TAVARES 1952: 375; C: TAVARES 1952: 375

Usnea rubiginea >>> *U. rubicunda*

Usnea rupestris >>> *U. flammea*

Usnea scabrata Nyl.

A: -; M: TAVARES 1952: 375; C: TAVARES 1952: 375

Usnea sorediifera >>> *U. lapponica*

Usnea subcomosa Vain.

A: -; M: -; C: TAVARES 1952: 375

Usnea subcornuta Stirt.

A: -; M: TAVARES 1952: 375; C: TAVARES 1952: 375

Usnea subfloridana Stirt. (syn. *U. comosa*)

A: TAVARES 1952: 374; M: TAVARES 1952: 374; C: TAVARES 1952: 374

Usnea submollis J. Steiner

A: -; M: -; C: TAVARES 1952: 375 (incl. var. *ferroensis*)

Usnea subscabrosa Nyl.

A: TAVARES 1952: 375; M: TAVARES 1952: 375; C: TAVARES 1952: 375

Usnea syriaca Motyka

A: -; M: -; C: KLEMENT 1965: 574

Usnea wirthii P. Clerc

A: -; M: CLERC 1984: 34; C: CLERC & DIEDERICH 1991: 406

Verrucaria

Verrucaria amphibia Clemente

A: -; M: -; C: TOPHAM & WALKER 1982: 74

Verrucaria fuscella (Turner) Winch (syn. *V. glaucina* auct.)

A: -; M: TAVARES 1952: 355; C: TAVARES 1952: 355

Verrucaria geophila Zahlbr.

A: -; M: -; C: BREUSS 1988: 842

Verrucaria glaucina >>> *V. fuscella*

Verrucaria lecideoides (A. Massal.) Trevis.

A: -; M: -; C: EGEA & al. 1987: 45

Verrucaria maura Wahlenb.

A: -; M: -; C: TOPHAM & WALKER 1982: 74 (determination uncertain)

Verrucaria microsporoides Nyl.

A: -; M: -; C: TOPHAM & WALKER 1982: 74

Verrucaria nigrescens Pers.

A: PURVIS & al. 1994: 39 (determination uncertain); M: -; C: -

Verrucaria papillosa Ach.

A: PURVIS & al. 1994: 39 (determination uncertain); M: -; C: -

Verrucaria striatula Wahlenb.

A: -; M: -; C: TOPHAM & WALKER 1982: 74

Verrucaria viridula (Schröd.) Ach.

A: -; M: -; C: HERNANDEZ PADRÓN & SANCHEZ-PINTO 1987: 330

Vezdaea

Vezdaea leprosa (P. James) Vezda

A: -; M: KALB & HAFELLNER 1992: 93; C: -

Vezdaea stipitata Poelt & Döbbeler

A: -; M: -; C: HAFELLNER 1995c: 499

Vouauxiella

Vouauxiella lichenicola (Linds.) Petr. & Syd.

Hosts: *L. chlorotera* (1), *L. horiza* (2), *L. meridionalis* (3)

A: -; M: KALB & HAFELLNER 1992: 93 (1, 2); C: SANTESSON 1994b: 18 (3)

Vouauxiella verrucosa (Vouaux) Petr. & Sydow

Host: *Lecanora horiza* (1)

A: -; M: -; C: HAFELLNER 1996: in print (1)

Vouauxiomyces

Vouauxiomyces santessonii D. Hawksw.

Host: *Platismatia glauca* (1)

A: -; M: -; C: HAFELLNER 1995a: 434 (1)

Vouauxiomyces truncatus (de Lesd.) Dyko & D. Hawksw.

Host: *Flavoparmelia caperata* (1)

A: -; M: -; C: HAFELLNER 1995a: 434 (1)

Waynea

Waynea stoechadiana (Abassi Maaf & Cl. Roux) Cl. Roux & P. Clerc

A: -; M: -; C: ROUX & CLERC 1991: 124

Xanthoparmelia

Xanthoparmelia conspersa (Ehrh. ex Ach.) Haie (syn. *Parmelia c.*)

A: TAVARES 1952: 370; M: TAVARES 1952: 370; C: TAVARES 1952: 370 (incl. var. *isidiata*)

Xanthoparmelia conspersa f. *stenophylla* >>> *X. somloensis*

Xanthoparmelia plittii (Gyeln.) Hale (syn. *Parmelia p.*)

A: -; M: -; C: ØSTHAGEN & KROG 1976: 230

Xanthoparmelia somloensis (Gyeln.) Hale (syn. *Parmelia conspersa* var. *stenophylla*)

A: -; M: TAVARES 1952: 370; C: KLEMENT 1965: 565

Xanthoparmelia sublaevis (Coutinho) Hale (syn. *Parmelia conspersa* f. *hypoclysta*)

A: -; M: -; C: TAVARES 1952: 370

Xanthoparmelia subramigera (Gyeln.) Hale (syn. *Parmelia s.*, *Parmelia canariensis*)

A: -; M: -; C: GYELNIK 1934: 153

Xanthoparmelia taractica >>> *X. somloensis*

Xanthoparmelia tinctina (Maheu & A. Gillet) Hale (syn. *Parmelia t.*, *P. conspersa* var. *isidiosa*)

A: -; M: ALSTRUP 1991: 108; C: TAVARES 1952: 370

Xanthoria

Xanthoria aureola >>> *X. calcicola*

Xanthoria calcicola Oksner (syn. *X. parietina* var. *aureola*, *X. aureola*)

A: -; M: TAVARES 1952: 377; C: TAVARES 1952: 377

Xanthoria candelaria (L.) Th. Fr.

A: -; M: -; C: TAVARES 1952: 376

Xanthoria domogledensis Vezda

A: -; M: -; C: KÄRNEFELT 1990: 315 (identity uncertain)

Xanthoria ectaneoides (Nyl.) Zahlbr.

A: -; M: LAUNDON 1992: 647; C: -

Xanthoria elegans (Link) Th. Fr. (syn. *Caloplaca e.*)

A: TAVARES 1952: 376; M: TAVARES 1952: 376 (incl. var. *tenuis*); C: TAVARES 1952: 376 (incl. var. *tenuis* and var. *discreta*)

Xanthoria fallax (Hepp) Arnold (syn. *X. substellaris*)

A: -; M: TAVARES 1952: 377; C: TAVARES 1952: 377

Xanthoria isidioidea (Beltr.) Szatala

A: -; M: -; C: ØSTHAGEN & KROG 1976: 240

Xanthoria parietina (L.) Th. Fr.

A: TAVARES 1952: 376; M: TAVARES 1952: 376 (incl. f. *chlorina*); C: TAVARES 1952: 376 (incl. f. *chlorina*, var. *imbricata* and f. *papillosa*)

Xanthoria parietina subsp. *ectanea* (Ach.) Clauzade & Cl. Roux

A: TAVARES 1952: 377; M: TAVARES 1952: 377; C: TAVARES 1952: 377

Xanthoria polycarpa (Hoffm.) Rieber

A: -; M: -; C: TAVARES 1952: 377

Xanthoria resendei Poelt & Tav. (syn. *Caloplaca subelegans* auct.)

A: ØSTHAGEN & KROG 1976: 240; M: TAVARES 1964: 140; C: TAVARES 1952: 376

Xanthoria soorediata (Vain.) Poelt (syn. *Caloplaca* s.)

A: -; M: -; C: TAVARES 1952: 376

Xanthoria subelegans >>> *X. resendei*

Xanthoria substellaris >>> *X. fallax*

Xanthoriicola

Xanthoriicola physciae (Kalchbr.) D. Hawksw.

Host: *Xanthoria parietina* (1)

A: -; M: -; C: HAFELLNER 1995a: 435 (1)

Xylographa

Xylographa vitiligo (Ach.) J.R. Laundon

A: -; M: -; C: HAFELLNER 1995a: 435

Zamenhofia

Zamenhofia coralloidea (P. James) Clauzade & Cl. Roux (syn. *Porina* c.)

A: JAMES & PURVIS 1992c: 650; M: -; C: TOPHAM & WALKER 1982: 71

Zwackhiomyces

Zwackhiomyces argentinus (Räsänen) D. Hawksw. & V. Atienza ("*argentinae*")

Host: *Acarospora lavicola* (1)

A: -; M: -; C: STEINER 1904: 447 (1) (sub *Pharcidia lichenum*, identity uncertain)

Zwackhiomyces coepulonus (Norman) Grube & R. Sant.

Host: *Xanthoria elegans* (1)

A: -; M: -; C: GRUBE & HAFELLNER 1990: 310 (1)

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Additions and corrections:

