

**NEAT (North East Atlantic Taxa):
Marine & Estuarine Fungi (Eumycota) Check-List
(including Scandinavian maritime Lichens
& a small appended list of Scandinavian maritime Bryophyta).**

compiled at TMBL (Tjärnö Marine Biological Laboratory) by:

Hans G. Hansson 1991-09-03 / small revisions until January 1995,
when it for the first time was published on Internet. Republished August 1998.

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Denotations: (TM) = Genotype @ = Associated to * = General note

N.B.: This is one of several preliminary check-lists, covering S Scandinavian marine animal (and partly marine protostistan and - as you can see - also Fungi) taxa. Some financial support from (or via) NKMB (Nordiskt Kollegium för Marin Biologi), during the last years of the existence of this organization (until 1993), is thankfully acknowledged. The primary purpose of these checklists is to facilitate for everyone, trying to identify organisms from the area, to know which species that earlier have been encountered there, or in neighbouring areas. A secondary purpose is to facilitate for non-experts to put as correct names as possible on organisms, including names of authors and years of description. So far these checklists are very preliminary. Due to restricted access to literature there are (some known, and probably many unknown) omissions in the lists. Certainly also several errors may be found, especially regarding taxa like Plathelminthes and Nematoda, where the experience of the compiler is very rudimentary, or, e.g. Porifera, where, at least in certain families, taxonomic confusion seems to prevail.

This taxon (Fungi) is indeed completely outside the skill of the compiler, but I guess somebody could use it for some purposes, although it is so far partly unfinished and unprofessionally joined.

FUNGI "Svampar"
= EUMYCOTA

Spongiophaga Carter, 1878

* Is this really a fungus, and where in a taxonomic system should it be placed?

S. communis Carter, 1878

@ destroys all but the spongin fibres of the sponge *Ircinia*
Caribbean

ZYGOMYCOTINA

ZYGOMYCETES

ENTOMOPHTORALES

Paracoccidioidaceae

Loboa Ciferri & al., 1956

* Doubtful genus. Placed in correct taxon? May possibly be a Hyphomycetes, near *Chrysosporium*

L. loboi (Fonseca & Leão) Ciferri & al., 1956

= *Paracoccidioides loboi* (Fonseca & Leão) Almeida & Lacaz., 19??

@ dolphins & *Homo sapiens*

?

MUCORALES

Mucoraceae

"*Absidia* group"

Absidia van Tieghem

"*Mucor* group"

Mucor Mich., ex Fr.

Zygorhynchus Vuill.

"*Rhizopus* group"

Rhizopus Ehrenb., ex Corda

TRICHOMYCETES

ASELLARIALES

* containing a single family with 3 genera in marine, freshwater & terrestrial isopods

Asellariaceae

Asellaria Poisson

A. ligiae

?

ECCRINALES

Eccrinaceae

@ In crustaceans, millipeds & insects

* 11 genera. Marine?

Palavasciaceae

@ Monogeneric family in hindguts of marine isopods

Palavascia Tuzet & Manier, ex Lichtw.

ASCOMYCOTINA

* Numbers in brackets are numbers of marine species within each genus, fide Kohlmeyer, in Moss, 1986

Acrocardiopsis

Aniptodera Shearer & Miller, 1977

A. chesapeakensis Shearer & Miller, 1977

Chesapeake Bay, Seychelles

Belizeana

Biatrispora

Etheiophora

Koralionastes

Lanspora

* is this an Ascomycete?

L. coronata Hyde & Jones, 198?

* in wood

Seychelles

Lineolata

Quintaria

Rhizophila

Swampomyces

Verruculina

HEMIASCOMYCETES

ENDOMYCETALES

Saccharomycetaceae

Debaromyces Lodder & Kreger-van Rij, 1977

D. hansenii (Zopf, 1977) Kreger-van Rij, 1977
= *Torulopsis jamata* (Harrison, 1977) (imperfect stage)
W Sweden

Hanseniopsis Zikes

Hansenula Syd.

Kluyveromyces van der Walt

K. drosophilorum (Shehata, Mrak & Phaff) van der Walt, 1977
?

Pichia Hansen

P. etchelli van Rij, 1977
W Sweden

P. fluxuum (Pfaff & Knapp, 1977)
W Sweden

P. spartinae Ahearn, Yarrow & Meyers, 1977
@ in marshlands dominated by *Spartina alterniflora*
?

Saccharomyces Mayen em. Rees

S. cerevisiae Hansen, 1977
W Sweden

Metschnikowiaceae

Metschnikowia Kamienski
@ may infect *Artemia*, freshwater cladocerans & marine copepods

M. zobelli ?, 1977
@ laboratory pathogenicity for *Echinus esculentus* showed
?

PROTOMYCETALES

* No marine species?

TAPHRINALES

* No marine species?

LOCULOASCOMYCETES

Amarenomyces O. Eriksson (1)
* Considered as a Loculoascomycetes incertae sedis by Kohlmeyer, in Moss, 1986

Ascocratera Kohlmeyer, 1986

LOCULOPECTASCOMYCETIDAE

MYRIANGIALES

? = ARTHONIALES

* Only order of this Classis. No marine species?

Arthoniaceae

Arthonia E. Acharius (nom. cons.) "Fläcklavar"
= *Allarthonia* W. Nylander
* Lichenized genus with maritime species

A. phaobaea (J.M. Norman) J.M. Norman
= *Allarthonia phaobaea* (Norm.) Zahlbr.
* On seashore rocks
Uppland-Skåne-Bohusl., Rogaland-Troms

Opegrapha E. Acharius (nom. cons.) "Klotterlavar"
* Lichenized genus with maritime species. Correct family?

O. caesareensis W. Nylander
* Saxicolous, on coastal rocks
Skåne

LOCULOPARENCHYMATOMYCETIDAE

ASTERINALES

* No marine species?

DOTHIDEALES

Incertae sedis

Helicascus Kohlmeyer, 1969 (1)

Manglicola Kohlmeyer (1)

M. guatemalensis Kohlmeyer & Kohlmeyer, 1971
@ bark of *Rhizophora*
Guatemala

Paraliomyces Kohlmeyer, 1959 (1)

P. lentiferus Kohlmeyer, 1959
@ *Avicennia*, *Rhizophora* & in wood
India

Thallassoascus Ollivier (2)

T. tregoubovii Ollivier, 1926
= *Melanopsamma tregoubovii* (Ollivier) Ollivier, 1929
@ *Aglaozonia*, *Cystoseira* & *Zonardia*
France

Dothideaceae

Mycosphaerella Johansen (8)

M. pneumatophorae Kohlmeyer, 1966
@ in bark of the pneumatophores of *Avicennia*
Seychelles

M. ascophylli Cotton, 1907
= *M. pelvetiae* Sutherland, 1915
?= *Septoria ascophylli* Melnik & Petrov, 1966
@ invariable & permanent infections in receptacles of *Pelvetia canaliculata* & *Ascophyllum nodosum*
?

M. suaedae-australis Hansford, 1954
?

M. staticicola (Patouillard) S. Dias, 19??
?

M. apophlaeae Kohlmeyer, 19??
@ in mycophycobiosis with the endemic New Zealand red algae *Apophlaea* spp.
New Zealand

Sphaerulina Sacc. (2)

S. oraemaris Linder, 1944
* in wood
?

S. codicola Dawson, 1949
@ *Codium*
?

S. pedicellata Johnson, 1956
@ *Spartina* & in wood
?

S. albispiculata Tubaki, 1967
* in wood
?

S. amicta Kohlmeyer, 1962
* in wood
?

LOCULOANOTEROMYCETIDAE

CHAETOTHYRIALES

Herpotrichiellaceae

Herpotrichiella Petrak, 1914 (1)

H. ciliomaris Kohlmeyer, 1960
* on bark & driftwood
USA

VERRUCARIALES

Verrucariaceae

Pharcidia Körber (3)

P. balani (Winter, 1887) Bauch, 1936
= *Didymella conchae* Bonar, 1936
@ shells of marine Mollusca & Balanidae
* the dominating phase in "*Pyrenocollema*" *subtilioris* (W.A. Leighton). See Pleosporales.
?

P. pelvetiae Sutherland, 1915
@ *Pelvetia*
* is this transformed to *Leiophloea* S.F. Gray?
?

P. laminaricola Kohlmeyer, 1973
?

P. rhachiana Kohlmeyer, 1973
?

Thelidium A. Massal.
= *Involucrothele* Servit
* Lichenized genus.

T. magnussonii (Servit) R. Sant.
= *Involucrothele magnussonii* Servit
* On seashore rocks. A doubtful species, provisionally placed in this genus.
Bohusl. (Älgön)

T. scotodes (Nyl.) Arnold
* On schistous seashore rocks.
Troms (Lyngenfjord)

Verrucaria H.A. Schrader
* Lichenized genus.

V. amphibia Clemente
* On seashore rocks in the *V. maura* zone.
Hordaland

V. ceuthocarpa Wahlenb. in Ach.
* On coastal rocks in the *V. maura* - and *Caloplaca marina* -zones
Medelpad-Skäne-Bohusl.-Østfold-Finnmark

V. degelii R. Sant., 1939
* On seashore rocks, mainly in the lower part of the *V. maura* -zone.
Møre og Romsdal-Finnmark

V. ditmarsica Erichsen, 1937
= *V. santessoni* Erichsen, 1937
* On coastal rocks and pebbles (not sun-exposed) in the upper hydrolitoral zone
Skåne-Bohusl.-Østfold-Finnmark

V. erichsenii Zschacke
* On coastal rocks and pebbles (often on shallow shores), mainly in the upper part of the *V. maura* -zone
Skåne-Bohusl.-Østfold-Finnmark

V. halizoa Leight. "Småsporig vårtlav"
= *V. microspora* : Auctt., non Nyl.
= *V. frisiaca* Erichsen
= *V. halophila* sensu Branth & Rostr.

* On seashore rocks in the upper hydrolitoral zone
Uppland-Skåne-Bohusl.-Østfold-Finmark

V. halophiloides Vain.
* On siliceous seashore rocks
Finmark

V. internigrescens (Nyl. in Brenner) Erichsen
* On seashore rocks in the upper geolitoral zone
Medelpad-Skåne-Bohusl., Hordaland, Nordland

V. maura Wahlenb. in Ach. "Saltlav"
= *V. aractina* Wahlenb.
= *V. haeyrenii* Erichsen
= *V. malmei* Servit
= *V. trachinodes* Norman
= *V. zschackeana* Erichsen
= *V. scotina* Wedd.
= *Lichen terminalis* O.F. Müll.
? = *Involucrothele magnussonii* Servit
* On seashore rocks in the lower & middle geolitoral zone. Preferring shadow and nutritive locals.
Norrbotten-Skåne-Bohusl.-Østfold-Finmark

V. mucosa Wahlenb. in Ach. "Grøn vårtlav"
* On seashore rocks in the upper hydrolitoral zone.
Skåne-Bohusl.-Østfold-Finmark

V. prominula Nyl.
* On seashore rocks in the *V. maura* -zone.
Hordaland (Hanoøy)

V. striatula Wahlenb. in Ach.
= *V. harmandiana* Grunmann
= *V. laetevirens* (Wedd.) Zschacke
= *V. microspora* Nyl., non :Auctt.
* On seashore rocks in the upper hydrolitoral zone
Skåne-Bohusl.-Østfold-Finmark

Mastodiaceae
* Correct order?

Kohlmeyera Schatz (1)
* possibly a synonyme of *Mastodia* Hook. & Harvey

Turgidosculum Kohlmeyer & Kohlmeyer (1)
= *Gugnardia* Viala & Ravaz, 1892

T. alascana (Reed, 1902)
= *Gugnardia alascana* Reed, 1902
@ *Prasiola borealis*
Alasca, Kurile Islands, northern hemisphere

T. prasiolae (Winter)
= *Laestadia prasiolae* Winter, 1887
= *Gugnardia prasiolae* (Winter) Lemmermann, 1901
@ *Prasiola*
Terra del Fuego, southern hemisphere

T. ulvae (Reed, 1902) Kohlmeyer & Kohlmeyer, 19??
= *Gugnardia ulvae* Reed, 1902
@ *Blidingia minima* var. *vexata* Norris
W North America

LOCULOEDAPHOMYCETIDAE

HYSTERIALES
* No marine species?

Roccellaceae

Dirina Fr.
* Lichenized genus.

D. massiliensis Durieu & Mont.
= *D. stenhammarii* (Fr. ex Stenh.) Poelt & Follmann
= *D. repanda* f. *stenhammarii* (Fr. ex Stenh.) Clauzade & Roux
= *Lecidea stenhammarii* Fr. ex Stenh.
= *Lecanactis stenhammarii* (Fr. ex Stenh.) rbold
* Saxicolous, on calcareous vertical rocks and cliffs near the sea.
Gotland, Öland, Rogaland, Hordaland

PLEOSPORALES

?Arthopyreniaceae

Pyrenocollema Reinke
= *Arthopyrenia* Mass., em. Müll. Arg. (p.p.)
* Lichenized genus. The listed species do not belong to this genus, but probably to an undescribed genus.

P. elegans R. Sant.
* On seashore rocks in the upper hydrolitoral.
Bohus., Rogaland, Hordaland

P. halodytes (Nyl.) R.C. Harris
= *Arthopyrenia halodytes* (Nyl.) Arnold
= *Arthopyrenia orustensis* C.F.E. Erichsen
= *Arthopyrenia leptotera* : Auctt.
= *Arthopyrenia kelpii* Körb.
= *Pyrenocollema orustense* (Erichsen) A Fletcher in Coppins, P. James & D. Hawksw.
@ with cyanobacterians, making it olive brownish - blackish. Asci ± clavate.
* On seashore rocks in the upper hydrolitoral zone
Skåne-Bohusl.-Østfold-Finmark

P. sublitorale (Leight.) R.C. Harris "Strandpricklav"
= *Arthopyrenia sublitoralis* (Leight.) Arnold
= *Arthopyrenia litoralis* : Auctt.
= *Arthopyrenia foveolata* A.L. Sm.
= *Thelidium litorale* : Auctt.
= *Pharcidia balani* (Winter) Bauch
@ with green algae, making it whitish - greenish. Asci ± sac shaped.
* On gastropod & balanid shells in the upper hydrolitoral zone. Boring in lime structures in water of 15 ppm S. The latest synonym name is the fungus, which sometimes is living without the companion cyanobacteria.
N Skåne-Bohusl.-Barents Sea, Mediterranean

Leiophloea S.F. Gray (1)
= *Plowrightia*

L. pelvetiae (Sutherland, 1915) Kohlmeyer & Kohlmeyer, 19??
= *Plowrightia pelvetiae* Fragoso, 1919
@ *Pelvetia*
* Is this identical to *Pharcidia pelvetiae* Sutherland, 1915?
?

Massarinaceae

Massarina Saccardo, 18?? (1)

Pleosporaceae

Passeriniella Berlese

Pleospora Rabenhorst (7)

P. laminariana Sutherland, 1916

@ *Laminaria*

?

P. triglochnicola Webster, 1969

= *P. maritima* Rehm, 1896, non Bomm., Rouss. & Sacc., in Saccardo, 1891
= *Stemphylium triglochnicola* Sutton & Pirozynski, 1963 (anamorph state)

@ *Triglochlin*

?

P. pelagica Johnson, 1956

@ *Spartina*

?

P. pelvetiae Sutherland, 1915

? = *Macrospora pelvetiae* Sutherland, 1915 (anamorph state)

@ *Pelvetia*

Britain

P. gaudefroyi Patouillard, 1886

@ *Salicornia*, *Suaeda* & in wood

?

P. spartinae (Webster & Lucas) Apinis & Chesters, 19??

= *P. vagans* var. *spartinae* Webster & Lucas, 1961

@ in culms of *Spartina*

?

Phaeosphaeriaceae

Didymella Saccardo, 1879 (3)

D. magnei G. Feldmann, 1958

@ *Palmaria palmata*

* should possibly be transposed to *Sydowiella* Petrak

France

D. fucicola (Sutherland) Kohlmeyer, 1968

@ *Fucus*

?

D. gloiopeltidis (Miyabe & Tokida) Kohlmeyer & Kohlmeyer, 19??

= *Guignardia gloiopeltidis* Miyabe & Tokida, 1948

@ *Gloiopeltis furcata*

Japan?

Lautitia Schatz (1)

Leptosphaeria Ces. & De Not (13)

L. marina Ellis & Everhart, 1885, non Rostrup, 1889

@ *Spartina* & *Juncus*

?

L. oraemaris Linder, 1944

@ *Spartina* & in wood & reed

?

L. macrosporidium E.B.G. Jones, 1962

@ *Spartina* & in wood

?

L. australiensis (Cribb & Cribb) G.C. Hughes, 1969

@ in bark, wood & roots of *Avicennia*, *Hibiscus* & *Rhizophora*
Bermudas, Australia, Seychelles

L. pelagica E.B.G. Jones, 1962

@ *Spartina* & in wood

?

L. discors Saccardo & Ellis, in Saccardo, 1882

@ *Spartina*, *Juncus* & bark, wood & bamboo

?

L. paucispora Cribb & Cribb, 1960

* in wood

?

L. albopunctata (Westendorp) Saccardo, 1883

@ *Juncus*, *Phragmites*, *Spartina* & in wood

Britain

L. avicenniae Kohlmeyer & Kohlmeyer, 1965

@ pneumatophores of *Avicennia*

Bermudas

L. contecta Kohlmeyer, 1963

* in wood

?

L. halima Johnson, 1956

@ *Spartina* & in wood

?

L. maritima (Cooke & Plowright) Sacc., 1883, non Hollés, 1906

@ *Juncus* & *Spartina*

?

L. typhicola Karsten, 1???

Britain

Maireomyces J. Feldmann, 1940

M. peyssonelliae J. Feldmann, 1940 (TM)

@ *Peyssonelia*

Algeria

Microthelia Körber (1)

M. maritima (Linder) Kohlmeyer, 1960

* on wood & bark

?

Ophiobolus Riess,1854 (1)

O. laminariae Sutherland,1915
@ *Laminaria digitata*
Orkneys

O. maritimus (Saccardo) Saccardo,1883
= *Rhaphidophora maritima* Saccardo,1879
= *Halophobolus maritimus* (Saccardo) Linder,1944
= *Linocarpon maritimus* (Saccardo) Petrak,1952
@ *Zostera marina*
North Sea

O. littoralis (Crouan) Saccardo,1883, non Cribb & Cribb,1956
= *Sphaeria littoralis* Crouan, in Crouan & Crouan,1867
@ *Agrostis maritima*
* doubtful species
France

O. salina Meyers,1957
= *Ophiobolus medusa* var. *minor* J.B. Ellis & Everhart,1891
@ *Andropogon muricatus*
* doubtful species
USA

O. australiensis Johnson & Sparrow,1961
= *Ophiobolus littoralis* Cribb & Cribb,1956, non (Crouan) Saccardo,1883
@ *Avicennia*
Australia

Phaeosphaeria Miyake (1)

P. ammophilae (Lasch) Kohlmeyer & Kohlmeyer,1964-69
@ dead leafs of *Ammophila*, *Calamagrostis* & *Scirpus*
?

P. typharum (Desmaz.) Holm,1???
= *Hendersonia typhae* Oudemans,1??? (anamorph state)
Britain?

Venturiaceae
* Correct order?

Stigmatea Fries,1846

S. pelvetiae Sutherland,1915
@ thallus of *Pelvetia canaliculata*
Scotland

MELANOMMATALES

Didymosphaeriaceae

Didymosphaeria Fuckel (3)

D. danica (Berlese) Wilson & Knoyle,1961
= *Phoma marina* Lind,1913 (anamorph state)
@ *Chondrus*
Denmark

D. pelvetiana Sutherland,1915
@ *Pelvetia*
?

D. rhizophorae Kohlmeyer & Kohlmeyer,1964-69
@ roots of *Rhizophora*
?

D. enalia Kohlmeyer,1966
@ roots of *Avicennia* & *Rhizophora* & on wood
Bermudas, Seychelles

Keissleriella v. Höhnelt (1)

K. blepharospora Kohlmeyer & Kohlmeyer,1965
@ in bark of seedlings & roots of *Rhizophora*
Bermudas, Seychelles

Massariaceae

Caryosporella Kohlmeyer,19?? (1)

C. rhizophorae Kohlmeyer,19??
Seychelles

Halothia Kohlmeyer,19?? (1)

H. posidoniae (Dur. & Mont.) Kohlmeyer,1963
= *Sphaeria posidoniae* : Auctt.
@ *Posidonia* rhizomes
Mediterranean

Pontoporeia Kohlmeyer (1)

P. biturbinata (Dur. & Mont.) Kohlmeyer,1963
@ *Posidonia* rhizomes
?

Microthlyriaceae
* Correct order?

Dothidella Speg.

D. pelvetiae Sutherland,1915
= *Placostroma pelvetiae* (Sutherland) Meyers,1957
@ *Pelvetia canaliculata*
Orkneys

Melanommataceae

Trematosphaeria Fuckel (3)

T. mangrovis Kohlmeyer,1968
@ on roots of *Rhizophora*
?

T. lignatilis Kohlmeyer,19??
Seychelles

Lophiostomataceae

Lophiostoma (Fr.) Ces. & de Not.

Incertae sedis

Aigialus Kohlmeyer & Schatz (2)

ASCOMYCETES

INCERTAE SEDIS

Abyssomyces Kohlmeyer (1)

A. hydrozoicus ??,19??
@ hydrozoans
South Orkney Islands

Banhegyia Zeller & Tóth (1)

B. setispora Zeller & Tóth,1960
* on wood
?

Crinigera Schmidt (1)

Oceanitis Kohlmeyer (1)

Orcadia Sutherland,19?? (1)

O. ascophylli Sutherland,1915
@ *Ascophyllum*, *Fucus* & *Pelvetia*
?

Pontogeneia Kohlmeyer,19?? (7)
= *Zignoella* (p.p.)

Savoryella Jones & Eaton (2)

S. lignicola Jones & Eaton,19??
* in wood
Seychelles

S. paucispora (Cribb & Cribb) Koch,19??
Seychelles

Torpedospora Meyers,19?? (2)

T. radiata Meyers,1957
@ *Avicennia*, *Rhizophora* & exocarp of *Cocos* & in wood & bark
Seychelles

T. ambispinosa Kohlmeyer,1960
* in wood
?

PARENCHYMATOMYCETIDAE

EUROTIALES

Trichomaceae

Amylocarpus Currey (1)
= *Plectolitus* Kohlmeyer,1960
* Wood decomposer

A. encephaloides Currey,1857-59
= *Plectolitus acanthosporum* Kohlmeyer,1960
* on wood
Scandinavia, USA

Eiona Kohlmeyer (1)
* Wood decomposer

E. tunicata Kohlmeyer,1968
* on wood
Scandinavia

Emericellopsis van Beyma,1???

E. stolkiae Davidson & Christensen,19??
Seychelles

Aspergillus
* anabolic state of several genera in this family

A. versicolor (Vuillemin) Tiraboschi,1???
?

Acremonium
* anabolic state of one or several genera in this family
* species of this genus may be associated with marine oil pollution

SPATHULOSPORALES Kohlmeyer,1973

Spathulosporaceae

Spathulospora Cavaliere & Johnson,19?? (5)
@ Parasiting red algae in southern hemisphere

S. phycophila Cavaliere & Johnson,1965
@ red, filamentous, S hemisphere algae *Ballia*
S hemisphere

S. antarctica Kohlmeyer,1973
Antarctic

DIAPORTHALES

Gnomoniaceae

Gnomonia Cesati & De Notaris,1863 (1)
* Cellulose decomposer

G. longirostris Cribb & Cribb,1956
@ *Avicennia* & in wood
Australia

G. marina Cribb & Cribb,1956
Avicennia & in wood
Australia

G. salina E.B.G. Jones,1962

@ *Spartina* & in wood
?

SORDARIALES

Lasiosphaeriaceae

Biconiosporella Schaumann,19?? (1)

Zopfiella Winter,19?? (2)

* Correct family or Sordariaceae ?

Z. latipes (Lundqvist) Malloch & Cain,19??

* has a *Humicola*-like anamorph

?

Nitschkiaceae

Groenhiella Koch, Jones & Moss,19?? (1)

G. bivestia Koch, Jones & Moss,19??

* in wood

Denmark

XYLARIALES

* Correct subclassis?

Xylariaceae

Rosellinia de Notaris,1847

R. laminariana Sutherland,1916

@ *Laminaria* sp.

Britain

EDAPHOMYCETIDAE

HELOTIALES

* Should this order be transposed to Discomycetes?

Dermateaceae

Laetinaevia Nannf. (1)

* The only marine genus of the order.

Orbiliaceae

Orbilta Fries,18??

* not really marine, but supralittoral

O. marina

* in rotting seaweeds

Sweden

PHYLLACHORALES

Adomia Schatz,1985 (1)

* Possibly belonging in this order

Hyponectriaceae

Buergenerula Sydow (1)

* Correct family or Physosporaceae ?

B. spartinae Kohlmeyer & Gessner,1976

@ *Spartina alterniflora*

?

Phyllachoraceae

Haloguignardia Cribb & Cribb,1956 (5)

H. decidua Cribb & Cribb,1956

@ galls in stipes of *Sargassum*

Australia

H. oceanica (Ferdinandsen & Winge) Kohlmeyer,1971

= *Phyllachorella oceanica* Ferdinandsen & Winge,1920

@ galls in stipes of *Sargassum* spp.

Atlantic Ocean

H. irritans (Setchell & Estee) Cribb & Cribb,1956

= *Guingardia irritans* Setchell & Estee, in Estee,1913

@ *Cystoseira osmundacea* & *Halidrys dioica*

?W USA

H. tumefaciens (Cribb & Herbert) Cribb & Cribb,1956

= *Guingardia tumefaciens* Cribb & Herbert,1954

@ galls in stipes of *Sargassum*

Tasmania

H. longispora Cribb & Cribb,1956

@ galls in stipes of *Sargassum*

Australia

Phycomelaina Kohlmeyer,1968 (1)

P. laminariae (Rostrup) Kohlmeyer,1968

= *Dothidiella laminariae* Rostrup,1894-95

= *Endodothella laminariae* (Rostrup) Theissen & Sydow,1915

= *Placostroma laminariae* (Rostrup) Meyers,1957

@ ?*Alaria* & stipes of *Laminaria* e.g. *L. saccharina*

Norway, Greenland

Polystigma DeCandolle,18?? (1)

HYPOCREALES

Hypocreaceae

Halonectria Jones (1)

H. milfordensis E.B.G. Jones,1965

* in wood

?

Heleococcum Jørgensen (1)

H. japonense Tubaki,1967

= *Sporotrichum maritimum* Sutherland,1916 (imperfect state)

@ on wood, imperfect state on *Laminaria*

* Correct family, or **Nectriaceae** ?
Japan

Hydronectria Kirschstein (1 + 1 var.)

H. tethys Koblmeier & Koblmeier, 1965
@ in wood, roots of *Avicennia*, *Hibiscus* & *Rhizophora*
Seychelles

Nectriella Nitschke (1)

N. laminariae Eriksson, 1964
@ *Laminaria*
?

TRICHOSPHAERIALES

Trichosphaeriaceae

Chaetosphaeria Tul. & C. Tul. (1)
* only marine genus in order

C. chaetosa Koblmeier, 1963
* in wood
?

LECANORALES

Acarospora Mass. "Spricklavar"
* Lichenized genus.

A. amphibola Wedd.
* On siliceous seashore rocks.
Medelpad, Sörmland, Öland, Västergöt., Bohusl., Vest-Agder, Rogaland, Hordaland, Møre og Romsdal, Nordland, Troms

A. brunneola Norman ex H. Magn.
* On seashore rocks
Nordland-Finmark

A. molybdina (Wahlenb. in Ach.) A. Massal.
= *A. hysigna* (Wahlenb. in Ach.) H. Magn.
v. **molybdina**
* On seashore rocks which are somewhat manured by birds
Troms-Finmark
v. **confusa** H. Magn.
* On seashore rocks, often bird tops
Bohusl., Akershus, Vest-Agder-Nord-Trøndelag

Amandinea M. Choisy
* Lichenized genus.

A. coniois (Wahlenb. in Ach.) Scheid. (non M. Choisy, Art. 33.1)
= **Buellia coniois** (Wahlenb. in Ach.) Th. Fr.
* On seashore rocks
Ångermanl., Medelpad, Hälsingland, Gästrikland, Uppland, Sörmland, Västergöt., Bohusl., Hordaland-Finmark

Aspicilia A. Massal. "Kantlavar"
* Lichenized genus.

A. caesiocinerea (Nyl. ex. Malbr.) Arnold "Mörk gråstenslav"
= *Lecanora caesiocinerea* Nyl. ex. Malbr.
* Like *A. cinerea*, but slightly darker, and especially common on coastal rocks, but not bound to the seashore.
Skåne-S Lappland, Vest-Agder-Nordland

A. cinerea (L.) Körb. "Gråstenslav"
= *Lecanora cinerea* (L.) Sommerf.
* Very common species, chiefly on silicate rocks. Common on the seashore but not bound to this environment.
Skåne-Torne Lappmark

A. leproscens (Sandst.) Hav. "Fågel(berg)kantlav"
= *Lecanora leproscens* Sandst.
* On bird tops at the coast, especially on horizontal surfaces
Sörmland-Skåne-Bohusl., Rogaland-Nordland

Bacidia De Not., em. Zahlbr. "Klotlavar"
* Lichenized genus.

B. scopulicola (Nyl.) A.L. Sm.
* In shadowed crevices on seashore rocks in the *Verrucaria maura* - and *Caloplaca marina* -zones
Skåne, Bohusl., Hordaland

Buellia De Not.
= *Melanaspilia* Vain.
= *Abacina* Norman
* Lichenized genus.

B. ambigua (Ach.) Malme
* On siliceous rocks, especially on seashores.
Skåne-Uppland, Torne Lappmark, Oppland, Nordland, Finmark

B. punctata (Hoffm.) A. Massal.
= *B. punctiformis* (Hoffm.) A. Massal.
= *B. myriocarpa* (D.C.) De Not.
* On tree stems, wood or on silicate rock, e.g. coastal cliffs in the geolitoral. Degelius, 1939 is using the name *B. punctiformis* v. *aequata* for this taxon, which he found on big stones ca 4m or more from the sea.
Bohusl. & Skåne-Torne Lappmark, Vest-Agder-Finmark

Caloplaca Th. Fr. (nom. cons.) "Orangelavar"
* Lichenized genus.

C. alcarum Poelt
* On maritime dolomite and greenstone rocks
Finmark

C. aractina (Fr.) Häydrén
= *C. cerina* v. *aractina* (Fr.) Th. Fr.
= *C. fuscoatra* : Auctt.
= *C. viridirufa* : Auctt., non (Ach.) Zahlbr.
* On seashore rocks, chiefly on bird tops
Ångermanland, Uppland-Skåne-Bohusl., Rogaland, Hordaland, Sogn og Fjordane, Nordland

C. diphyes (Nyl.) Oliv.
* On seashore rocks together with *Amandinea coniois* & *Rinodina balanina*
* This species is not mentioned by Santesson, 1993.
Finmark

C. marina (Wedd.) Zahlbr. "Strandangelav"
= *C. salina* Erichsen
= *C. lobulata* : Auctt. non (Flörke) nec (Sommerf.)
= *C. oblitterata* (Pers.) Malme?
* On seashore rocks in the upper part of the *Verrucaria maura* -zone
Västerbotten-Skåne-Bohusl.-Östfold-Finmark

C. microhallina (Wedd.) Zahlbr.

= *C. irregularis* H. Magn.

* On seashore rocks, in and below the *Caloplaca marina* -zone
Ångermanland, Gästrikland-Skåne-Bohusl., Vest-Agder-Nordland

C. scopularis (Nyl.) Lettau. "Klipporangelav"

* On seashore rocks above the *Caloplaca marina* -zone
Norrbotten-Skåne-Bohusl.-Østfold-Finmark

C. thallincola (Wedd.) Du Rietz "Rosetorangelav"

* On seashore rocks, not seldomly epiphytic on *Verrucaria maura*
Sörmland-Skåne-Bohusl.-Østfold-Nordland

C. verruculifera (Vain.) Zahlbr. "Grydig orangelav"

= *C. granulosa* : Degelius, 1939, non (Müll. Arg.) Jatta

* On seashore rocks just above the *Caloplaca scopularis* -zone
Västerbotten-Skåne-Bohusl., Vest-Agder-Finmark

Candelariella Müll. Arg. "Äggglavar"

* Lichenized genus.

C. arctica (Körb.) R. Sant. in Vezda

= *C. crenulata* (Wahlenb.) Zahlbr.

= *Caloplaca crenulata* (Wahlenb.) Th. Fr.

* On seashore rocks often visited by birds.
Nordland, Finnmark

C. athalina (Wedd.) Du Rietz

* On mainly acidic seashore rocks.

Hordaland, Troms, Finnmark

C. coralliza (Nyl.) H. Magn. "Kuddägglav"

* On bird tops or rocks in dusty environment, not only along the coasts
S Finland, All of Scandinavia

Catillaria A. Massal. "Blekkivlarar"

= *Microlecia* M. Choisy

* Lichenized genus.

C. chalybeia (Borrer) A. Massal.

= *C. lenticularis* v. *vulgaris* (Körb.) Th. Fr.

* On silicate rocks beside water. Degelius, 1939 associates this species with *Lecanora helicopsis* and *Lecanora actophila* on not too bird influenced coastal cliffs.
Uppland-Skåne-Bohusl.

Halecania M. Mayrhofer, 1987

* Lichenized genus.

H. ralfsii (Salwey) M. Mayrhofer

= *Lecania ralfsii* (Salwey) A.L. Sm.

* On seashore rocks just above the *Verrucaria maura* -zone
Västergöt., Bohusl., Hordaland, Sogn og Fjordane

H. spodomela (Nyl.) Mayrhofer

= *Lecania spodomela* (Nyl.) A.L. Sm.

* On silicate rocks in coastal areas
Västergötland, Finnmark

Lecania A. Massal.

= *Dimerospora* Th. Fr.

* Lichenized genus.

L. aipospila (Wahlenb. in Ach.) Th. Fr.

= *Lecanora maritima* Sommerf.

* On seashore rocks
Västergöt., Bohusl.

L. atrynoides M. Knowles

* Saxicolous, on acidic seashore rocks

Skåne (Stenshuvud)

Lecanora Ach., em. Th. Fr. "Kantlavar"

* Lichenized genus.

L. achariana A.L. Sm. "Kustlav"

* On acidic rocks, especially along the coasts

Skåne-Härjedalen, Akershus-Nordland

L. actophila Wedd. "Strandkantlav"

= *L. halogenia* (Th. Fr.) Nyl. in Brenner

= *L. quartzina* Nyl.

* On seashore rocks above *Verrucaria maura* -zone, and may cover large areas. May possibly be taken for *L. helicopsis*
Uppland-Skåne-Bohusl.-Østfold-Nordland

L. andrewii de Lesd.

* On seashore rocks

Skåne, Bohusl., Nordland

L. contractula Nyl.

= *L. thulensis* Th. Fr. (excl. v. *feracissima* Th. Fr.) Th. Fr.

* On seashore rocks, mainly those attracting birds

Nordland-Finmark

L. fugiens Nyl.

* Saxicolous, on maritime, siliceous rocks.

Rogaland, Hordaland

L. helicopsis (Wahlenb. in Ach.) Ach. "Saltkantlav"

= *L. prosechoidiza* (Nyl.) A.L. Sm.

= *L. prosechoides* (Nyl.) H. Olivier

= *L. kattegattensis* H. Magn.

= *L. saxorum* H. Magn.

* On seashore rocks above the *Verrucaria maura* -zone, often in large populations that are clinging together.
Ångermanland-Skåne-Bohusl.-Østfold-Finmark

L. orae-frigidae R. Sant., 1984

= *Lecidia sorediata* Lyngby, non Ach.

= *Lecanora symmetrica* v. *sorediosa* L. Westman

* Lignicolous on old wood at seashores

Västerbotten-Uppland, Troms, Finnmark

L. poliophaea (Wahlenb. in Ach.) Ach.

= *L. spodophaea* (Wahlenb. in Ach.) Ach.

* On seashore rocks. Somewhat ornitocoprophilic.

Skåne, Bohusl., Vest-Agder-Finmark

L. rimicola H. Magn., 1927

* On seashore rocks

?Medelpad, Skåne, Västergöt., Bohusl., Sogn og Fjordane, Nordland

L. salina H. Magn., 1926

* On seashore rocks. Probably close to *L. albescens*

Västerbotten-Skåne-Bohusl., Vest-Agder-Finmark

L. straminea Ach.

* Saxicolous, on seashore rocks. Ornitocrophilous.
Nordland-Finmark

L. tenera (Nyl.) Cromb.

* On siliceous coastal rocks.
Skåne, Rogaland, Hordaland

Lecidea Ach.

* Lichenized genus.

L. baltica Malme

* Saxicolous, on gneiss on a seashore.
Uppland (Värmdön)

L. diducens Nyl.

* On siliceous rocks, especially at seashores and in alpine regions.
Skåne-Jämtland, Västerbotten, Rogaland, Finnmark

Neofuscelia Esslinger, 1977

= *Parmelia* : Auctt., non Ach. (nom. cons.) "Sköldlavar"
* Lichenized genus.

N. pulla (Ach.) Essl., 1977

= *Parmelia pulla* Ach. "Mörkbrun sköldlav"
* The "Typus B" of Degelius, 1939 may be found in the intermediate zone between the geolitoral and the lichen vegetation not influenced by the sea, where e.g. "Typus A" may be found.
Southernmost parts of Finland, all Denmark Svealand, Götaland, all Norway W of "Kölen"

Physcia (Schreb.) Michx. "Rosettlavar"

* Lichenized genus.

P. caesia (Hoffm.) Hampe "Stoftlav"

* On lots of substrates, but most common on rocks in dusty or bird dropping rich environment
All of Fennoscandia

P. dubia (Hoffm.) Lett. "Fågelbergrosettlav", "Mångformig rosettlav"

* On bird tops, not only in coastal areas; may also be found on wood, especially stems of old trees along roads, where much dust is spread.
All of Fennoscandia

P. tenella (Scop.) DC. in Lam. & DC. (Nom. cons. prop.) "Strandrosettlav"

v. **marina** (E. Nyl.) Lyngé

= *P. subobscura* (Nyl.) Nyl.

= *P. marina* (E. Nyl.) Lyngé in Zahlbr., non (Wedd.) Arnold

* Mainly on seashore rocks in the upper geolitoral zone
S & SW Finland, Bornholm, Medelpad-Skåne-Bohusl.-Østfold-Finnmark

Ramalina Ach. "Brosklavar"

= *Fistulariella* Bowler & Rundel

* Lichenized genus.

R. cuspidata (Ach.) Nyl.

= *R. curmowii* Cromb. ex Nyl.

= *R. armorica* Nyl.

= *R. stenoclada* W.L. Culb.

= *R. atlantica* W.L. Culb.

* On seashore rocks in a zone below the occurrence of *R. siliquosa*
Sörmland-Skåne-Bohusl.-Østfold-Nordland

R. polymorpha (Liljeb.) Ach. "Fågeltoppsbrosklav"

* Exposed rocks, preferably bird tops
all Fennoscandia, with a certain concentration to the higher mountains and to coastal areas; rare in Denmark

R. siliquosa (Huds.) A.L. Sm. "Strandbrosklav"

= *Ramalina scopulorum* (Retz.) Ach.

= *R. incrassata* (Nyl.) Motyka

= *R. crassa* (Delise ex Nyl.) Motyka

= *R. druidarum* W.L. Culb.

= *R. kullensis* Zopf

* On seashore rocks
Ångermanland-Skåne-Bohusl.-Østfold-Finnmark

R. subfarinacea (Nyl. ex Cromb.) Nyl.

= *R. farinacea* v. *angustissima* Anzi, 1863

= *R. angustissima* (Anzi) Vain.

= *R. farinacea* v. *rubescens* Räsänen

* On seashore rocks

Ångermanland, Östergötland, Uppland-Skåne-Bohusl., Østfold-Finnmark

Rhizocarpon Ramond ex DC. in Lam. & DC. "Kartlavar"

= *Siegertia* Körb.

= *Catocarpon* (Körb.) Arnold

* Lichenized genus.

R. geographicum (L.) DC. "Kartlav"

ssp. **prospectans** (Räsänen) D. Hawksw. & Sowter

= *R. tinei* ssp. **prospectans** (Räsänen) Runemark

* On seashore rocks. Oceanic

Skåne-Halland-Bohusl., Rogaland, Sør-Trøndelag

R. richardii (Lamy ex Nyl.) Zahlbr. "Strandkartlav"

= *R. constrictum* Malme

= *R. atlanticum* I.M. Lamb

* On seashore rocks in the upper part of the geolitoral zone, which is moistened by spray
Ångermanland-Skåne-Bohusl., Vest-Agder-Nordland

Rinodina (Ach.) S. Gray

* Lichenized genus.

R. balanina (Wahlenb.) Vain.

= *Physcia balanina* (Wahlenb.) Th. Fr.

* On seashore rocks manured by birds

Nordland-Finmark

R. gennarii Bagl. "Kustkrimmerlav" / "Kustknapplav"

= *R. subexigua* (Nyl.) H. Olivier

= *R. salina* Degelius, 1939

= *R. demissa* : Auctt.

= *R. pallida* H. Magn.

= *R. exigua* v. *obscurata* H. Magn.

* On seashore rocks in the *Caloplaca marina* -zone and higher. Nitrophilic
Västmanland, Gästrikland-Skåne, Vest-Agder-Nordland

R. luridescens (Anzi) Arnold

= *R. coniopta* (Nyl.) Hav.

= *Buellia coniopta* (Nyl.) Malme

= *Rinodina sciodes* (Nyl.) H. Olivier

* On siliceous seashore rocks

Blekinge-Skåne-Bohusl., Vestfold, Rogaland-Nordland

Tephromela M. Choisy

* Lichenized genus.

T. atra (Huds.) Hafellner in Kalb "Svart kantlav"
= *Lecanora atra* (Huds.) Ach.

* On rocks, both limestone, stone walls and granite cliffs, either where a light dust from roads or agriculture activities or sea water is sprayed on the rocks. Often together with *Xanthoria parietina*, but preferring a less amount of bird dropping.
All Fennoscandia

Tylohallia P. James & H. Kilius in H. Kilius, 1981
* Lichenized genus.

T. biformigera (Leight.) P. James & H. Kilius in H. Kilius, 1981
= *Caillaria biformigera* (Leight.) H. Magn.
= *Caillaria bahusiensis* (Blomb.) Th. Fr.
* On silicate stone, especially siliceous seashore rocks
Skåne, Halland, Västerg., Bohusl., VestAgder, Rogaland, Hordaland, Sogn og Fjordane

Umbilicaria Hoffm. "Navellav"
= *Actinogyra* Schol.
= *Agyrophora* Nyl.
= *Gyrophora* Ach.
= *Omphalodiscus* Schol.
* Lichenized genus.

U. spodochoera (Hoffm.) DC. in Lam. & DC. "Kustnavellav"
= *Gyrophora cirrhosa* : Auct., non Hoffm. sec. Frey in Rabenhorst's Flora
= *Omphalodiscus spodochoerous* (Hoffm.) Schol.
* On rocks close to seashores.
Angermanland-Skåne-Bohusl.-Østfold-Nordland

Xylographa Fr.
* Lichenized genus.

X. opegraphella Nyl. ex Rothr.
* Lignicolous, on old wood at seashores
Västerbotten, Medelpad, Hälsingland, Gästrikland, Uppland, Öland

Physciaceae

Anaptychia Koerb., em. Poelt "Franslavar"
* Lichenized genus.

A. ciliaris (L.) Koerb.
v. *melanosticta* (Ach.) Boistel
= *A. ciliaris* f. *melanosticta* (Ach.) Harm.
= *A. melanosticta* (Ach.) Trass
= *A. ciliaris* ssp. *mamillata* (Taylor) D. Hawksw. & James
* On seashore rocks and other rocks in the vicinity of the sea. Slightly nitrophilous.
Uppland-Skåne-Bohusl.-Østfold-Finmark

A. runcinata (With.) J.R. Laundon "Brun franslav"
= *A. fusca* (Huds.) Vain.
= *A. aquila* (Ach.) A. Massal.
* On seashore rocks
Uppland-Skåne-Bohusl.-Østfold-Finmark

Dactylospora Körber, 1999 (1)
* only marine genus in order

D. haliotrepha (Kohlmeyer & Kohlmeyer) Hafellner, 1999
Bermudas, Seychelles

Lichinaceae

Lichina C. Agardh (nom. cons.) "Tånglavar"
* Lichenized genus.

L. confinis (O.F. Müll.) C. Agardh "(Dvärg)tånglav"
* On seashore rocks in the upper part of the *Verrucaria maura* -zone
Uppland-Skåne-Bohusl.-Østfold-Finmark, Mediterranean

L. pygmaea (Lightf.) C. Agardh "Havstånglav"
* On seashore rocks in the lower *Verrucaria maura* -zone
Rogaland-Hordaland, Nordland

Teloschiaceae

Xanthoria (Fr.) Th. Fr., em. Arn. "Väggglavar"
* Lichenized genus.

X. candelaria (L.) Th. Fr. "Ljus(vägg)lav"
= *X. lychnea* (Ach.) Th. Fr.
= *X. controversa* (A. Massal.) Rabenh.
* On bird tops along the coast and in inland areas; also on house walls, on stems of trees along roads, where much nutritive dust may be spread
All of Scandinavia

X. elegans (Link) Th. Fr.
= *Caloplaca elegans* (Link) Th. Fr.
* Saxicolous, especially on basic rocks and on cliffs manured by birds.
All of Scandinavia, but rare in S Sweden.

X. parietina (L.) Th. Fr. "Vanlig vägglav"
* On trees, wooden & stone walls, tile roofs, stones & cliffs with bird droppings and sprayed by salt water
All of Scandinavia except the extreme arctic, Mediterranean

HALOSPHAERIALES

Halosphaeriaceae

Antennospora Meyers, 1957

A. quadricornuta (Cribb & Cribb) T.W. Johnson, 1958
= *Halosphaeria quadricornuta* Cribb & Cribb, 1956
= *Antennospora caribbea* Meyers, 1957
* on wood
E USA, Mexico, Bahamas, Bermudas, West Indies, Australia, Seychelles

Antiptodera Schaerer & Miller (1)

Appendichordella

A. amicta R.G. Johnson, Jones & Moss, 1999
?

Arenariomyces Höhnk, 1954 (1)

A. trifurcatus Höhnk, ex Jones, R.G. Johnson & Moss, 1954 (TM)
= *Halosphaeria trifurcata* (Höhnk) Cribb & Cribb, 1956
= *Corollospora trifurcata* (Höhnk) Kohlmeyer, 1962
* on wood & bark, fruiting especially on siliceous & calcareous particles
North Sea, Germany, E USA, Australia, Seychelles

Bathyascus Kohlmeyer, 1999 (3)

Carbosphaerella Schmidt (2)

C. leptosphaerioides I. Schmidt, 1969
* on wood, arenicolous
?

C. pleosporoides I. Schmidt, 1969
* on wood
?

Ceriosporopsis Linder, 1944 (6)

C. cambrensis Wilson, 1954
* in wood
Britain, E USA

C. calyptrata Kohlmeyer, 1960
* in wood
Baltic, North Sea, Mediterranean, USA

C. halima Linder, 1944
= *C. barbata* Höhnk, 1955
= *Zalerion mariimum* (Linder) Anastasiou, 1963 (anamorph state)
* in wood, bark, rhizomes & culms of reeds, stone of *Prunus persica* fruit
Denmark, North Sea, Germany, Britain, E USA, Australia, South Georgia, Seychelles

C. hamata Höhnk, 1955
* in wood
Germany, Britain, E USA

C. tubulifera (Kohlmeyer) Kirk. in Kohlmeyer, 19??
* Is this *Halosphaeria tubulifera* Kohlmeyer, 1960?
South Georgia

C. circumvestita (Kohlmeyer) Kohlmeyer?, 19??
= *Halosphaeria circumvestita* Kohlmeyer, 1960
* in wood & reed
Friday Harbor, South Georgia

Chadefaudia G. Feldmann, 1957 (6)
= *Mycophycophila*

C. marina G. Feldmann, 1957 (TM)
@ *Palmaria palmata*
North Atlantic, France

C. gymnogongri (J. Feldmann)
= *Macrophoma gymnogongri* J. Feldmann
= *Mycophycophila gymnogongri* (J. Feldmann) Cribb & Cribb, 1960
@ *Galaxaura*, *Gigartina*, *Gymnogongrus*, *Laurencia* & *Ptilonia*
?

C. polyporolithi (Bonar, 1965)
= *Mycophycophila polyporolithi* Bonar, 1965
@ *Polyporolithon* & epiphytic on *Calliarthron* & *Corallina*
?

C. corallinarum (Crouan & Crouan) Müller & von Arx
= *Mycophycophila corallinarum* (Crouan & Crouan) Kohlmeyer, 1963
= *Sphaeria corallinarum* : Auctt.
@ epiphytic on *Corallina*, *Halimeda*, *Jania*, *Lithophyllum*, *Pseudolithophyllum* & *Udotea*
Mediterranean

Corollospora Werdermann, 1922? (5)
= *Peritrichospora* Linder, 1944

C. tubulata Kohlmeyer, 1968
* on wood
* Should this sp. remain in the genus? Is it not transposed to *Kohlmeyerella*?
?

C. maritima Werdermann, 1922 (TM)
= *Peritrichospora integra* Linder, 1944
= *Arenariomyces cinctus* Höhnk, 1954
* on wood & bark; fruiting especially on siliciferous & calcareous particles
North Sea, Germany, Britain, Mediterranean, E USA, Seychelles

C. lacera (Linder) Kohlmeyer, 1962
= *Peritrichospora lacera* Linder, 1944
* on wood
USA

C. cristata (Kohlmeyer) Kohlmeyer, 1962
= *Peritrichospora cristata* Kohlmeyer, 1960
* on driftwood
* is this sp. transposed to *Nereiospora*?
USA

C. comata (Kohlmeyer) Kohlmeyer, 1962
= *Peritrichospora comata* Kohlmeyer, 1960
* on driftwood & bark
USA

C. pulchella Kohlmeyer, I. Schmidt & Nair, 1967
= *Clavariopsis bulbosa* Anastasiou, 1961 (anamorph state)
@ *Fucus* & wood
Seychelles

C. luteola Nakagiri & Tubaki, 1982
= *Sigmoidea luteola* Nakagiri & Tubaki, 1982? (anamorph state)
* Should this sp. remain in the genus?
Japan

C. intermedia Schmidt, 19??
= *Varicosporina* sp. (anamorph state)
?

Didymosamarospora Johnson & Gold, 1957
* Spelling *Didymosamarospora* ?

D. euryhalina Johnson & Gold, 1957 (TM)
@ dead culms of *Juncus roemerianus*
E USA

Haligena Kohlmeyer (3)

H. viscidula Kohlmeyer & Kohlmeyer, 1965
@ *Rhizophora* roots & in wood
?

H. spartinae E.B.G. Jones, 1962

@ *Agropyron*, *Spartina*, *Typha* & in wood
?

H. elaterophora Koblmeier,1961
* in wood & bark
?

Halosarpheia Koblmeier & Koblmeier,19?? (10)

H. fibrosa Koblmeier & Koblmeier,19?? (TM)
* in wood
Bermudas, Seychelles

H. spartinae (Jones) Shearer & Crane,1980?
* in wood
Chesapeake Bay?, Seychelles

H. retorquens Shearer & Crane,1980?
* in wood
Chesapeake Bay, Friday Harbor

H. marina (Cribb & Cribb) Koblmeier,19??
Seychelles

H. trullifera (Koblmeier) Jones, Moss & Cuomo,1983
= *Remispora trullifera* Koblmeier,1963
* in wood
?

H. viscosa (Schmidt) Shearer & Crane,19??
Seychelles

H. cincinnatula Shearer & Crane,19??
Seychelles

H. ratnagiriensis Borse,19??
Seychelles

H. abonnis Koblmeier,19??
Seychelles

Halosphaeria Linder,1944 (5)

H. quadricornuta Cribb & Cribb,1956
@ mantle of Tunicates, roots of *Avicennia*, *Hibiscus*, & *Rhizophora*, endocarp of *Cocos*, & in wood & bark
?

H. tubulifera Koblmeier,1960
* in wood & reed
USA

H. torquata Koblmeier,1960
* in wood
USA

H. appendiculata Linder,1944
* in wood, bark & reed
Britain, E USA, Australia

H. grandispora Koblmeier,1960
= *H. mediosetigera* Cribb & Cribb,1956 var *grandispora* Koblmeier,1960
* in wood & bark
?

H. salina (Meyers) Koblmeier,19??
Seychelles

Halosphaeriopsis T.W. Johnson,1958 (1)

H. mediosetigera (Cribb & Cribb) T.W. Johnson,1958 (TM)
= *Halosphaera mediosetigera* Cribb & Cribb,1956
= *Trichocladium achrasporum* (Meyers & Moore) Dixon, ex Shearer & Crane,19?? (anamorph state)
* in wood
Black Sea, E USA, Australia

Koblmeyeriella Jones, R.G. Johnson & Moss,19?? (1)

K. tubulata (Koblmeier) Jones, R.G. Johnson & Moss,19??
* in wood
Denmark

Lentescospora Linder,1944

L. submarina Linder,1944 (TM)
* in wood
E USA

Lignicola Höhnk,1955 (3)

L. laevis Höhnk,1955 (TM)
@ *Avicennia*, *Hibiscus*, *Pachira*, *Pluchea*, *Rhizophora* & *Spartina* & in wood, bark & bamboo
Germany, North Sea, USA, Cayman Islands, Seychelles

Lindra Wilson,1956 (4 + 1 var.)

L. inflata Wilson,1956
* in wood
Britain, E USA

L. marinera Meyers,1969
@ *Thalassia*
Seychelles

L. obtusa Nakagiri & Tubaki,1983
= *Anguillospora marina* Nakagiri & Tubaki,1983 (anamorph state)
* arenicolous
Japan?

L. thalassiae Orpurt, Meyers, Boral & Simms,19??
@ in dead or senescent leaves of *Thalassia*, but also found in air vesicles of *Sargassum*
Bermudas, Seychelles

Lulworthia Sutherland,1916 em. Koblmeier,1980 (5 + 1 var.)
= *Halophiobolus* Linder,1944

L. attenuata Johnson,1958
* in wood
USA

L. conica Johnson,1958
* in wood
E USA

L. crassa Nakagiri, 1984
Japan?

L. fucicola Sutherland, 1916 (TM)
= *Halophobolus cylindricus* Linder, 1944
= *Lulworthia cylindrica* (Linder) Cribb & Cribb, 1955
@ *Fucus* & in wood
Britain, USA

L. grandispora Meyers, 1958
= *L. grandispora* var. *apiculata* Johnson, 1958
@ *Pachira*, *Rhizophora* & in wood
E USA, Seychelles

L. halima (Diehl & Mounce, in Mounce & Diehl) Cribb & Cribb, 1955
= *Ophiobolus halimus* Diehl & Mounce, in Mounce & Diehl, 1934
= *Halophobolus halimus* (Diehl & Mounce, in Mounce & Diehl) Linder, 1944
= *Linocarpon halima* (Diehl & Mounce, in Mounce & Diehl) Petrak, 1952
@ *Zostera marina*
Denmark, Britain, Canada, USA

L. kniepii (Ade & Bauch) Koblmeier, 1963
= *Ophiobolus kniepii* Ade & Bauch, in Bauch, 1936
@ *Lithophyllum*, *Porolithon* & *Pseudolithophyllum*
Italy

L. medusa (J.B. Ellis & Everhart) Cribb & Cribb, 1955
= *Ophiobolus medusa* J.B. Ellis & Everhart, 1885
= *Halophobolus medusa* (J.B. Ellis & Everhart) Linder, 1944
= *Linocarpon medusa* (J.B. Ellis & Everhart) Petrak, 1952
= *Lulworthia longispora* Cribb & Cribb, 1955
@ *Spartina*
Britain, E USA, Australia

L. medusa var. *biscaynia* Meyers, 1957
E USA, Puerto Rico, Bahamas, Bermuda, S Africa

L. lignoarenaria Koch & E.B.G. Jones, 1984
* in coastal sands
?

L. lindroidea Koblmeier, 19??
?

L. purpurea (Wilson) Johnson, 1958
= *Halophobolus purpureus* Wilson, 1956
* in wood & rope
Britain, E USA

L. rotunda Johnson, 1958
* in wood
E USA

L. rufa (Wilson) Johnson, 1958
= *Halophobolus rufus* Wilson, 1956
* in wood
Britain, E USA

L. opaca (Linder) Cribb & Cribb, 1955
= *Halophobolus opacus* Linder, 1944
= *Halophobolus longirostris* Linder, 1944
= *Halophobolus salinus* Linder, 1944
= *Lulworthia longirostris* (Linder) Cribb & Cribb, 1955
= *Lulworthia salina* (Linder) Cribb & Cribb, 1955
@ *Fucus vesiculosus*, rope & wood
Sweden, Germany, North Sea, Britain, Ireland, E USA

L. submersa Johnson, 1958
* in wood
Britain, E USA

L. uniseptata Nakagiri & Tubaki, 1984
= *Zalerion maritimum* (Linder) Anastasiou, 19?? (anamorph state)
Japan?

L. floridana Meyers, 1944
* in submerged wood
Britain, Florida, Cuba, Cayman Islands

Marinospora Cavaliere, 1966 (2)
= *Ceriosporella* Cavaliere, 1966, non Berlese, 1902

M. calyptrata (Koblmeier) Cavaliere, 1966 (TM)
= *Ceriosporopsis calyptrata* Koblmeier, 1960
* in wood
?

M. longissima (Koblmeier) Cavaliere, 1966
= *Ceriosporopsis longissima* Koblmeier, 1962
* in wood
Denmark

Nais Koblmeier (1)

N. inornata Koblmeier, 1962
* in wood & reeds
?

Nereiospora Jones, R.G. Johnson & Moss, 19?? (2)

N. comata (Koblmeier) Jones, R.G. Johnson & Moss, 19??
* in wood
Denmark

N. cristata Jones, R.G. Johnson & Moss, 19??
= *Monodictys pelagica* (T.W. Johnson) E.B.G. Jones, 1963 (anamorph state)
?

Nautosphaeria Jones (1)

N. cristaminuta E.B.G. Jones, 1964
* in wood
Britain

Nimboispora Koch (3)

N. effusa Hyde & E.B.G. Jones
* on driftwood
Seychelles

N. bipolaris Hyde & E.B.G. Jones
* on driftwood

Seychelles

Ocostaspora Jones, R.G. Johnson & Moss,1983 (1)

O. apilongissima Jones, R.G. Johnson & Moss,1983 (TM)
* on wood
Seychelles

Ondiniella Jones, R.G. Johnson & Moss,19?? (1)

O. torquata Jones, R.G. Johnson & Moss,19??

?

Ophiodeira Kohlmeyer & Volkmann-Kohlmeyer,1988

Remispora Linder,1944 (5)
= *Palomyces* Höhnk,1955

R. pilleata Kohlmeyer,1963
* in wood
Denmark

R. hamata (Höhnk) Kohlmeyer,1961
@ *Typha* & in wood & reeds, sometimes hypersaprophytic in fruit bodies of other fungi
?

R. maritima Linder,1944
= *R. lobata* Höhnk,1955
* in wood
North Sea, Germany, Britain, Friday Harbor, South Georgia, North Carolina, South Carolina

R. salina (Meyers) Kohlmeyer,1968
@ *Cocos* mesocarp & in wood
?

R. quadrimis (Höhnk) Kohlmeyer,1960
= *Polomyces quadri-remis* Höhnk,1955
= *Arenariomyces quadri-remis* (Höhnk) Meyers,1957
= *Arenariomyces salina* Meyers,1957
* in wood & bark in temperate & cold regions
Denmark, Germany, North Sea, Mediterranean, Bahamas, USA, British Honduras

R. stellata Kohlmeyer,1960
@ *Pseudotsuga* cones & in wood & bark
Friday Harbor, South Georgia

R. cucullata Kohlmeyer,1964
= *Periconia prolifica* Anastasiou,1963 (anamorph state)
@ *Pluchea* & in wood & mangroves
?

R. galerita Tubaki,19??
* in wood
Seychelles

R. crispa Kohlmeyer,19??
Seychelles

Samarosporella Linder,1944

S. pelagica Linder,1944 (TM)
* in wood
E & N USA

Trailia Sutherland,1915 (1)

T. ascophylli Sutherland,1915
@ *Ascophyllum nodosum*
Britain

Trichomarix Hibbits, Hughes & Sparks,1981 (1)

T. invadens Hibbits, Hughes & Sparks,1981
@ causes the "black mat"-syndrome in some non Scandinavian crabs, like the tanner crab *Chionoecetes bairdi*
?

LABOULBENIOMYCETES

LABOULBENIALES

Laboulbeniaceae

Laboulbenia Mont. & Robin.

L. marina Picard,1908
@ on chitin of the maritime tidal bug *Aepus robini* Laboulbène
* this is the most marine species of this classis.
?

DISCOMYCETES

PHACIDIALES

Rhvtismataceae

Hypoderma DeCandolle, apud de Notaris,1847

H. laminariae Sutherland,1915
@ in stipes of *Laminaria saccharina*
Orkneys, Ireland

BASIDIOMYCOTINA

HYMENOMYCETES

HOLOBASIDIOMYCETIDAE

APHYLLOPHORALES

Halocyphina

H. villosa Kohlmeyer & Kohlmeyer,1965
@ roots of *Pandanus* & *Rhizophora*, culms of *Spartina* & on wood
Bermudas, USA, Liberia, Seychelles

Corticaceae

Digitatispora

D. marina Doguet, 1962
* in submersal marine wood
Swedish coasts

GASTEROMYCETES

MELANOASTRALES

Melanogastraceae

Nia

N. vibrissa Moore & Meyers, 1959
* in marine cellulose containing stuff
Britain, Seychelles

TELIOMYCETES

USTILAGINALES

Tilletiaceae

Melanotaenium

M. ruppiae Feldmann, 1959
@ rhizome & basal parts of leaves of *Ruppia maritima*
France

Sporobolomycetaceae

* Correct order?

Leucosporidium Fell, Stutzell, Hunter & Phaff, 19??

L. antarcticum Fell, Stutzell, Hunter & Phaff, 19??
Antarctic

Rhodospodium Banno

R. capitatum Fell, Hunter & Tallman, 19??
Antarctic

R. daeryoidum Fell, Hunter & Tallman, 19??
Antarctic

R. malvinellum Fell & Hunter, 19??
Falkland Islands

R. sphaerocarpum Newell & Fell, 19??
Antarctic

Sporobolomyces Kluyver & van Niel

ANAMORPHIC FUNGI (FUNGI IMPERFECTI)

Anguillospora

A. marina Nakagiri & Tubaki, 1983
= *Lindra obtusa* Nakagiri & Tubaki, 1983 (teleomorph state)
Japan?

Sigmoidea

S. luteola Nakagiri & Tubaki, 1982?
= *Corollospora luteola* Nakagiri & Tubaki, 1982 (teleomorph state)
Japan

Ichthyophonus Plehn & Mulsow, 1911
= *Ichtyosporidium* Caullery & Mesnil, 1905 (TM an animal)

I. hoferi Plehn & Mulsow, 1911 (TM)
@ Parasite in limnic & marine fish species
?

BLASTOMYCETES

Torulopsidaceae = Cryptococcaceae

***Candida* Berkhout**

C. parapsilos (Aschford, 19??) Langeron & Talice, 19??
* this name is hiding a group of species.
W Sweden

C. zeylanoides (Cast., 19??) Langeron & Guerra, 19??
W Sweden

C. suecica Rodrigues de Miranda & Norkrans, 19??
W Sweden

C. lipolytica (Harrison) Diddens & Lodder, 19??
* hydrocarbonoclastic
North Sea oil fields

C. maltosa Komagata, Nakase & Katsuya, 1964?
?

C. tropicalis (Castellani) Berkout, 19??
* hydrocarbonoclastic
W France, Florida

C. guilliermondii (Castellani) Langeron & Guerra, 19??
* hydrocarbonoclastic
W France

Cryptococcus Kütz., em. Phaff & Spencer

C. albidus (Saito, 19??) Skinner, 19??
W Sweden

C. laurentii (Kuff., 19??) Skinner, 19??
W Sweden

C. luteolus (Saito, 19??) Skinner, 19??
W Sweden

C. lactativorus Fell & Phaff, 19??
Antarctic

Kloeckera Janke

Rhodotorula Harrison

R. glutinis (Fresenius,19??) Harrison,19??
W Sweden

R. infirmominiatus (Okunuki,19??) Hashegawa & Banno,19??
W Sweden

R. minuta (Saito,19??) Harrison,19??
W Sweden

R. rubra (Demme,19??) Lodder,19??
@ laboratory pathogenicity for *Echinus esculentus* showed
W Sweden

Sterigmatomyces Fell

Sympodiomyces

Torulopsis Behrend

T. candida (Saito,19??) Lodder,19??
W Sweden

T. austomarina Fell & Hunter,19??
Antarctic

Trichosporon Behrend

HYPHOMYCETES

Aureobasidium Viala & Boyer,1891
= *Pullularia* Berkhout,1923
* species of this genus may be associated with marine oil pollution

Exophiala Carmichael,1966

E. salmonis Carmichel,1966?
@ *Salmo salar*
Scotland

Fusarium Link,1809

F. solani (Mart.) Saccardo,18??
@ infects decapod crustaceans
?

F. branchialis ?,1???
= *Ramularia branchialis* ?,1???
@ ?*Palinurus vulgaris* & *Homarus gammarus*
?

F. palinuri (?),1???
= *Didymaria palinuri* ?,1???
@ *Palinurus vulgaris* & *Homarus gammarus*
?

Septonema

S. aquatile Woronichin, in D'iakonov,1925
* among fouling organisms on the hulls of ships
?

AGONOMYCETALES

Agonomycetaceae

Papulospora Preuss,1851

P. halima Anastasiou,1963
?

HYPHOMYCETALES

Moniliaceae

Blodgettia Wright,1881

B. bornettii Wright,1???
@ cell walls of *Cladophora fuliginosa* Kütz. & *Siphonocladus rigida* (Howe) Kohlmeyer & Kohlmeyer

Botryophialophora Linder,1944

B. marina Linder,1944
* on wood
Britain, USA

Clavatospora Nilsson,1964

C. stellatacula Kirk,1969
* on wood
?

Sporotrichum Link,1809

S. maritimum Sutherland,1916
= *Heleococcum japonense* Tubaki,1967 (teleomorph state)
@ *Laminaria*
Britain, Japan

Varicosporina Meyers & Kohlmeyer,1965
* *Varicosporina* sp. is the anamorph state of *Corollospora intermedia* Schmidt,19??

V. ramulosa Meyers & Kohlmeyer,1965
@ *Sargassum* & leaves of *Thalassia* & *Zostera*
Seychelles

Dematiaceae

Alternaria Nees,1817, em. Wiltshire,1933

A. maritima Sutherland,1916
@ *Laminaria*, *Juncus*, *Spartina* & wood
North Sea, Germany, Britain, E USA

Asteromyces Moreau & Moreau, ex Hennebert,1962

A. cruciatus Moreau & Moreau, ex Hennebert,1962
@ in or under roots of *Ammophila*
?

Cirrenalia Meyers & Moore,1960

C. pygmaea Kohlmeier, 1966
@ roots of *Rhizophora* & wood
Seychelles

C. fusca I. Schmidt, 1969
@ dead rhizomes of *Phragmites*
?

C. pseudomacrocephala Kohlmeier, 1968
* on wood
Seychelles

C. tropicalis Kohlmeier, 1968
@ *Rhizophora* & wood
Seychelles

C. macrocephala (Kohlmeier) Meyers & Moore, 1960 (TM)
= *Helicoma macrocephala* Kohlmeier, 1958
* on wood & bark. Common in *Limmoria*-holes
Germany, Britain, France, Mediterranean, E USA, Canada

Cladosporium Link, 1815
* species of this genus may be associated with marine oil pollution

C. algarum Sutherland, 1916, non Cooke & Masee, 1888
* may be a synonym of the genotype *C. herbarum* Link, ex Fries, 1815
@ *Laminaria* & *Pelvetia*
Britain

C. sphaerospermum
@ infects skin wounds of *Eledone cirrhosa*
Britain?

C. resiniae (Lindau) de Vries, 19??
* hydrocarbonoclastic
?

Clavariopsis de Wildeman, 1895

C. bulbosa Anastasiou, 1961
= *Corollospora pulchella* Kohlmeier, Schmidt & Nair, 1967 (teleomorph state)
* on wood
Seychelles

Cremasteria Meyers & Moore, 1960

C. cymatilis Meyers & Moore, 1960 (TM)
* on wood
E USA

Dendryphiella Bubák & Ranojević, 1914

D. arenaria Nicot, 1958
@ *Sargassum* & *Thalassia* & in beach sand under *Ammophila*
France

D. salina (Sutherland) Pugh & Nicot, 1964
= *Cercospora salina* Sutherland, 1916
@ *Chondrus*, *Furcellaria*, *Laminaria*, on wood & on root surfaces & seeds of *Halimione*, *Puccinellia*, *Salicornia*, *Spartina* & *Suaeda*
Britain, Antarctic

Dictyosporium Corda, 1836

D. pelagicum (Linder) G.C. Hughes, ex Johnson & Sparrow, 1961
= *Speira (Cattanea) pelagica* Linder, 1944
= *Speira (Cattanea) littoralis* Höhnk, 1955
* on wood & bark
Germany, North Sea, Britain, E USA, Seychelles

D. toruloides (Corda) Gueguen, 1???
Seychelles

Drechslera Ito, 1930

D. halodes (Drechsler) Subramanian & Jain, 1966
= *Helminthosporium halodes* Drechsler, 1923
@ *Distichlis*
* may be a synonym of *Dendryphiella salina*
?

Helicoma Corda, 1837

H. salinum Linder, 1944
* on wood
E USA

Heterosporium Klotzsch, 1832

H. algarum Cooke & Masee, in Cooke, 1887-88
= *Cladosporium algarum* Cooke & Masee, in Cooke, 1887-88
@ *Laminaria* spp.
Britain

Humicola Traaen, 1914

H. alopallonea Meyers & Moore, 1960
@ *Pluchea*, wood & bone
Bermudas, South Georgia, Seychelles, Texas, North Carolina, Canada

Macrosporium Fries, 1825

M. laminarianum Sutherland, 1916
@ *Laminaria* sp.
* should possibly be transposed to *Stemphylium* Wallroth
Britain

M. pelvetiae Sutherland, 1915
?= *Pleospora pelvetiae* (teleomorph state)
Britain

Monodictys Hughes, 1958

M. austrina Tubaki, in Tubaki & Asano, 1965
* isolated from algae & soil
Antarctic

M. pelagica (T.W. Johnson) E.B.G. Jones, 1963
= *Piricauda pelagica* T.W. Johnson, 1958
= *Piricauda articoceanorum* R.T. Moore, 1959
= *Nereiospora cristata* Jones, R.G. Johnson & Moss, 19?? (teleomorph state)
@ *Typha* & wood

South Georgia, North Carolina, Virginia, Canada, Seychelles

Orbimyces Linder, 1944

O. spectabilis Linder, 1944
* on wood
USA

Periconia Tode, ex Persoon, 1801

P. prolifica Anastasiou, 1963
= *Remispora cucullata* Kohlmeyer, 1964 (teleomorph state)
@ *Pluchea*, *Rhizophora* & wood
Seychelles

Sporidesmium Link, 1809

S. salinum Jones, 1963
* on wood
?

S. ellipticum Moore, 19??
Seychelles

Stemphylium Wallroth, 1833

S. codii S.M. Zeller, 1918
@ *Codium mucronatum*
USA

S. maritimum Johnson, 1956
* on wood.
E USA

S. triglochnicola Sutton & Pirozynski, 1963
= *Pleospora triglochnicola* Webster, 1969 (teleomorph state)
@ *Triglochin*
?

Trichocladium Harz, 1871
= *Culcita* Meyers & Moore, 1960

T. achrasporum (Meyers & Moore) Dixon, ex Shearer & Crane, 19??
= *Culcita achraspora* Meyers & Moore, 1960
= *Halosphaeriopsis mediosetigera* (Cribb & Cribb) T.W. Johnson, 19?? (teleomorph state)
E USA, Canada, Seychelles

T. linderi Crane & Shearer, 19??
Seychelles

Zalerion Moore & Meyers, 1962

Z. maritimum (Linder) Anastasiou, 1963
= *Helicoma maritimum* Linder, 1944
= *Ceriosporopsis halima* Linder, 19?? (teleomorph state)
= *Luhworthia uniseptata* Nakagiri & Tubaki, 1984 (teleomorph state)
* on wood, bark & rope
Sweden, Germany, North Sea, Britain, Mediterranean, USA

Z. varium Anastasiou, 1963
* on wood
Seychelles

TUBERCULARIALES

Tuberculariaceae

Allescheriella Hennings, 1897

Epicoccum Link, 1815

E. maritimum Sutherland, 1916
@ *Laminaria*
* possibly a synonym of *E. nigrum* Link
Britain

Tubercularia Tode, ex Persoon, 1801

COELOMYCETES

SPHAEROPSIDALES

Hendersonia Saccardo, 18??
* Correct order?

H. typhae Oudemans, 1???
= *Phaeosphaeria typharum* (Desmaz.) Holm, 1??? (teleomorph state)
?

Sphaerioidaceae

Aposphaeria Berk., 1???
* provisional family

A. boudieri Rolland, 1896
@ *Posidonia oceanica*
* doubtful species
France

Ascochyta Lib.

Ascochyta (Potebn.) Died.

Camarsporium Schulz.

C. metableticum Trail, in Stevenson & Trail, 1886
@ *Ammophila*
?

C. roumeguerii Saccardo, 18??
* in saltmarshes
@ saprophyte on stems and leaves of dying or dead Salt herbs, e.g. *Atriplex*.
Mediterranean

Coniothyrium Corda, 18

Cytospora Ehrenberg, ex Fries, 18

C. rhizophorae Kohlmeyer & Kohlmeyer, 1971
@ *Rhizophora*
?

Diplodia Fries,1846

D. oraemaris Linder,1944
* in wood
Sweden, North Carolina

Diplodina Westendorp,1849
* Correct family?

D. laminariana Sutherland,1916
@ *Laminaria*
Britain

Macrophoma (Saccardo) Berlese & Voglio,1886

M. gymnogongri J. Feldmann,1940
@ *Gymnogongrus norvegicus*, *Laurencia concinna* & *Ptilonia australasica*
Britain, Algeria, Australia, Tasmania

Phialophorophoma Linder,1944

P. litoralis Linder,1944
@ *Avicennia* & in wood & bark
USA, Australia

Phoma Saccardo,18??

P. laminariae Cooke & Masee, in Cooke,1889
@ *Laminaria*
* may be an immature state of *Diplodina laminariana*
?

P. rhizophorae Tassi,1899
@ *Rhizophora*
* doubtful whether this sp. is marine
?

P. marina Lind,1913
= *Didymosphaeria danica* (Berlese) Wilson & Knoyle,1961 (teleomorph state)
Denmark

P. navium Woronichin, in D'iaikonov,1925
* among fouling organisms on the hulls of ships
?

Rhabdospora (Sacc.) Sacc.

R. avicenniae Kohlmeyer & Kohlmeyer,1961
@ in bark of *Avicennia*
Bermudas

Robillarda Sacc.

R. rhizophorae Kohlmeyer,1969
@ *Rhizophora*
?

Septoria Saccardo,18??

S. dictyota Oudemans,1894
@ *Dictyota*
* doubtful species
?

Sirococcus Preuss,1???

S. posidoniae Rolland,1896
@ *Posidonia oceanica*
* generic belonging somewhat dubious
France

Stagonospora (Saccardo) Saccardo,18??

Excipulaceae

Dinemasporium Léveille,1846

D. marinum Nilsson,1957
* on driftwood
Denmark

MELANCONIALES

* Several other genera to be found on terrestrial herbs of marine shores

Melanconiaceae

Sphaeloma de Bary

S. cecidii Kohlmeyer,19??
@ hyperparasit on galls caused by *Haloguignardia* spp. in *Sargassum* & *Cystoseira*
?

Appendix:

PLANTAE "Växter"

BRYOPHYTA "Mossor"

BRYOPSIDA "Bladmossor"

BRYIDAE

POTTIALES

Pottiaceae

Tortella Limpr., Laubm.,1888

T. flavovirens (Bruch) Broth. in Engl. et Prantl., Nat. Pfl.-Fam.,1902
= *Trichostomum flavovirens* Bruch, in Flora,1829
= *Mollia flavovirens* Lindb., Musci Scand.,1879
* chiefly on rocks and sandy calcareous ground near the sea
Jylland, Fyn, Lolland, Sörmland, Öland, Gotland, Skåne, ?Bohusl., Akershus, Vest-Agder

Trichostomum Bruch, in Flora,1829

T. brachydontium Bruch, in Flora,1829
= *T. mutabile* Bruch ex De Not, Syll. Musc.,1838
= *Mollia brachydontia* Lindb., Musci Scand.,1879

var. *littorale* (Mitt.) C. Jens.
* Occupying a variety of habitats, but the var. is occurring between rocks near the sea
Bornholm, Bohusl., Rogaland, Hordaland, Sogn og Fjordane, Sörtröndelag

GRIMMIALES

Grimmiaceae

Schistidium Brid., Mant. Musc., 1819

S. maritimum (Turn.) Br. Eur., 1845 "Kuststrålkranmossa"
= *Grimmia maritima* Turn., Musc. Hib., 1804
= *Grimmia rigida* Brid., Br. Univ., 1826
* Only on sea shore rocks
all Fennoscandian coasts

ORTHOTRICHALES

Orthotrichaceae

Ulotia Mohr in Brid., Musc. Rec., Suppl., 1819
= *Weissia* Ehrh., Hannov. Mag., 1779; Lindb., Utkast, 1878

U. phyllantha Brid., Musc. Rec. Suppl., 1819 "Kusthättemossa"
= *Orthotrichum jutlandicum* Brid., Br. Univ., 1826
= *Ulotia maritima* C. Müll & Kindb. in Macoun, Cat. Can. Pl., 1892
* Only on sea shore rocks
SW Finland, all Danish coasts, Uppland-Skåne-Bohusl.-Finmark