

A new checklist of lichenised, lichenicolous and allied fungi reported from South Africa

This checklist is based on the one published in the open-access, on-line journal *Bothalia: African Biodiversity and Conservation* <http://www.abcjournal.org/index.php/ABC/article/view/148>, which should be consulted for an introduction as to how the list was prepared and an explanation of the symbols used. I have taken the opportunity to correct some errors and omissions in the original list (in blue) and further updates will be made periodically.

One major structural change has been made. Synonyms are now included (in italics) at the end of the genus in which they were described or combined; for example, *Lecanora thaeodes* and *Placidium thaeodes*, synonyms of *Acarospora thaeodes*, are now included at the end of *Lecanora* and *Placidium* respectively, not after *Acarospora thaeodes*.

To simplify the list, I have also removed all references to Doidge's 1950 checklist (*Bothalia* 5:1-1094: lichens pgs 225-376), which is available on-line at: <http://www.cybertruffle.org.uk/cyberliber/16452/0005/index.htm>). Any taxon for which a reference is not included is known only from the reports in Doidge (1950). Consequently, the most reliable records are those with recent references, and records in genera with few recent references (e.g., *Acarospora*) should be treated with extreme caution.

This list is only the start of the process of producing an up-to-date checklist of the lichen taxa occurring in South Africa. Many records are based on Doidge (1950), which incorporated reports going back to the 19th (and even 18th) century that were identified by European workers who gave them names of Northern Hemisphere taxa that are now known not to occur in South Africa (e.g., *Pectenaria (Degelia) plumbea*). As with the published list, please send me any corrections, additions or other comments, which will be incorporated into future versions.

Alan Fryday – October 2015

ACANTHOTHECIS Clem. (1909)
dialeuroides Kalb & Staiger

Kalb et al. 2009

ACAROSPORA A. Massal. (1852)
bella (Nyl.) Jatta
bylii H. Magn.
calviniensis H. Magn.
capensis Zahlbr.
cervina A. Massal.
deserticola Zahlbr.
insculpta H. Magn.
intrusa H. Magn.
laevigata H. Magn.
longispora H. Magn.
lucida H. Magn.
luederitzensis H. Magn.
macrospora (Hepp) Bagl.
meridionalis H. Magn.

negligens H. Magn.
 ochrophaea H. Magn.
 porinoides (Stizenb.) Zahlbr.
 schleicheri (Ach.) A. Massal.
 socialis H. Magn.
 subbadia H. Magn.
 subochracea H. Magn.
 subtersa H. Magn.
 tenuis (Vain.) H. Magn.
 thaeodes A. Massal.

Almborn 1988b

ACROSCYPHUS Lév. (1846)
 sphaerophoroides Lév.

Brusse 1989c

ACTINOPLACA Müll. Arg. 1891
strigulacea Müll. Arg. = **Echinoplaca strigulacea**

ADERKOMYCES Bat. (1961)
 albostrigosus (R. Sant.) Lücking, Sérus. & Vězda

Brusse 1988e

ALLARTHOTHELIUM (Vain.) Zahlbr. (1908)
 minimum Vain.

ALMBORNIA Essl. 1981
azaniensis Brusse = **Xanthoparmelia azaniensis**
cafferensis Essl. = **Xanthoparmelia ovealmbornii**

AMANDINEA M. Choisy ex Scheid. & H. Mayrhofer (1993)
 brugierae (Vain.) Marbach
 natalensis (Vain.) Marbach
 punctata (Hoffm.) Coppins & Scheid.
 xylographella (Nyl.) Marbach

Marbach 2000
 Marbach 2000
 Almborn 1960, Almborn 1988b
 Marbach 2000

ANAPTYCHIA Körb. (1848)
 ciliaris Ach.
 corallophora (Taylor) Vain.
 granulifera A. Massal.
 obesa Zahlbr.
 palpebrata Vain.
hypoleuca A. Massal. = **Heterodermia hypoleuca**
hypoleuca var. *colorata* Zahlbr. = **Heterodermia hypoleuca**
leucomelaena (L.) A. Massal. = **Heterodermia leucomela**
leucomelaena var. *angustifolia* (Meyen & Flot.) Müll. Arg. = **Heterodermia boryi**

Galloway 1995

obesa f. *caesiocrocata* Zahlbr. = **A. obesa**
podocarpa (Bél.) A. Massal. = **Heterodermia podocarpa**
speciosa (Wulfen) A. Massal. = **Heterodermia speciosa**
speciosa var. *esorediata* Vain. = **Heterodermia speciosa**
speciosa f. *sorediosa* (Müll. Arg.) Zahlbr. = **Heterodermia speciosa**

ANISOMERIDIUM (Müll. Arg.) M. Choisy
uniseriale (Zahlbr.) R.C. Harris = **Pleurotrema uniseriale**

ANTHRACOTHECIUM Hampe ex A. Massal. (1860)
biferum Zahlbr.
duplicans (Nyl.) Müll. Arg.
thwaitesii (Leight.) Müll. Arg.
variolosum (Pers.) Müll. Arg.
pyrenuloides (Mont.) Müll. Arg. = **Pyrenula pyrenuloides**

ARCTOMIA Th. Fr. (1860)
musciicola A. L. Sm.

ARCTOPARMELIA Hale (1986)
centrifuga (L.) Hale

ARTHONIA Ach. (1806)
angulata Fée
angulosa Müll Arg.
 **anjutii* S.Y. Kondr. & Alstrup
atra (Pers.) A. Schneid.
brussei Egea & Torrente
calospora Müll Arg.
cinnabarina (DC.) Wallr.
circumscissa G. Merr.
hormidiella Stirt.
lecideicarpa Zahlbr.
mira R. Sant.
nana Stizenb.
oblongula Müll. Arg.
palmicola Ach.
polymorpha Ach.
propinqua Nyl.
pyrenuloides Müll. Arg.
rubrofuscens Vain.
 **sytnikii* S. Y. Kondr. & Kärnefelt
trilocularis Müll. Arg.

Kondratyuk 1996
 Galloway 1995
 Egea & Torrente 1996, Egea & Torrente 1997

Brusse 1988e, Farkas, 2004

Kondratyuk 2002
 Brusse 1988e

variabilis Müll. Arg.
albida (Müll. Arg.) Willey = **Arthothelium albidum**
capensis Egea & Torrente non Stizenb. = **A. brussei**
consanguinea (Müll. Arg.) Willey = **Arthothelium consanguineum**
obvelata (Müll. Arg.) Willey = **Arthothelium obvelatum**
wilmsiana Müll. Arg. = **Coniarthonia wilmsiana**

ARTHOPYRENIA A. Massal. (1852)

alboatra (Kremp.) Müll. Arg.
analepta (Ach.) A. Massal.
capensis Zahlbr.
cinchonae (Ach.) Müll. Arg.
knysnana Zahlbr.
leucanthes Zahlbr.
norata A. Massal.
paraphysata Zahlbr.
pruinogrisea (C. Knight) Müll. Arg.
recepta Müll. Arg.
simulans Müll. Arg.
fallax (Nyl.) Arnold = **A. analepta**
cinchonae var. *fumida* (Stizenb.) Zahlbr. = **A. cinchonae**

ARTHOTHELIUM A. Massal. (1852)

abnorme (Ach.) Müll. Arg.
albidum Müll. Arg.
album Zahlbr.
argenteum (Stizenb.) Zahlbr.
consanguineum Müll. Arg.
fusconigrum (Nyl.) Müll. Arg.
melanopsis (Stirt.) Zahlbr.
michylum Vain.
obvelatum Müll. Arg.
phaeosporum Zahlbr.
psyllodes Zahlbr.
violascens (Flot.) Zahlbr.
psyllodes var. *precursum* Zahlbr. = **Arthothelium psyllodes**

ARTHORRHAPHIS Th. Fr. (1860)

citrinella (Ach.) Poelt

Bruse 1988e

ASPICILIA A. Massal. (1852)

cinerea (L.) Körb.
subdepressa (Nyl.) Arnold

atrорrimata (Nyl.) C.W. Dodge = **Lecanora atrорrimata**
breuteliana (A. Massal.) C.W. Dodge = **Lecanora breuteliana**
bylii (Vain.) C.W. Dodge = **Lecanora bylii**
chondroplaca (Zahlbr.) C.W. Dodge = **Lecanora chondroplaca**
diffusilis (Nyl.) C.W. Dodge = **Lecanora diffusilis**
homaloplaca (Nyl.) C.W. Dodge = **Lecanora prosecha**
nubila (Stizenb.) Hue = **Lecanora nubila**

ASTEROTHYRIUM Müll. Arg. (1890)

rotuliforme (Müll. Arg.) Sérus. & J.R. De Sloover

Brusse 1988e

AULAXINA Fée (1825)

dictyospora R. Sant.

Brusse 1988e

quadrangula (Stirt.) R. Sant.

Brusse 1988e, Farkas, 2004

AUSTROPARMELIELLA (P.M. Jørg.) P.M. Jørg. 2014*lacerata* (P. M. Jørg.) P. M. Jørg.Ekman *et al.* 2014**BACIDIA** De Not. (1846)*aemula* (Stizenb.) Zahlbr.*amylothelia* Vain.*beckhausii* (Stizenb.) Körb.*capreolina* (Stizenb.) Zahlbr.*caruncula* (Stizenb.) Zahlbr.*chlorophaeata* (Nyl.) Zahlbr.*cyrtocheila* (Stizenb.) Zahlbr.*effusa* (Sm.) Trevis.*endoleucella* (Stizenb.) Zahlbr.*epicyanea* Vain.*friesiana* (Hepp) Anzi*heteroloma* (Vain.) Zahlbr.*inconsequens* (Nyl.) Zahlbr.*inconveniens* (Nyl.) Zahlbr.*intermedia* Hampe ex A. Massal.*laurocerasi* (Delise ex Duby) Zahlbr.*leucostephana* (Stizenb.) Zahlbr.*medialis* (Tuck.) Zahlbr.*millegrana* (Taylor) Zahlbr.*polychroa* (Th. Fr.) Körb.*proposita* (Nyl.) Zahlbr.*rubella* (Hoffm.) A. Massal.*rufata* (Stizenb.) Zahlbr.*stupposa* (A. Massal.) Zahlbr.

subluteola (Nyl.) Zahlbr.
 subspadicea (Müll. Arg.) Zahlbr.
 trifaria (Stizenb.) Zahlbr.
apiahica (Müll. Arg.) Zahlbr. = **Bacidina apiahica**
beckhausii var. *stenospora* f. *acutata* Zahlbr. = **B. beckhausii**
effusa var. *intermedia* Zahlbr. = **B. effusa**
friesiana var. *norrlinii* Vain. = **B. friesiana**
heteroloma f. *firmior* (not in Index Fungorum) = **B. heteroloma**
endoleuca (Nyl.) Kickx. = **B. laurocerasi**
fuscorubella (Hoffm.) Bausch = **B. polychroa**
lugubris (Sommerf.) Zahlbr. = **Ropalospora lugubris**
luteola (Ach.) Mudd. = **B. rubella**
luteola f. *chlorotica* Zahlbr. = **B. rubella**
luteola f. *conspendens* Zahlbr. = **B. rubella**
sabuletorum (Schreb.) Lettau = **Bilimbia sabuletorum**

BACIDINA Vězda (1991)

apiahica (Müll. Arg.) Vězda
pallidocarnea (Müll. Arg.) Vězda

Brusse 1991b, Farkas 2004
 Brusse 1991c, Farkas 2004

BACULIFERA Marbach & Kalb (2000)

cinereocincta Müll. Arg.
micromera (Vain.) Marbach

Marbach 2000
 Marbach 2000

BAEOMYCES Pers. 1794

roseus Pers. (reported as *Baeomyces rasens* Pers. by Thomas & Bhat 1996) = **Dibacis baeomyce**

BIATORA Fr. (1817)

vernalis (L.) Fr.

BIATORELLA De Not. (1846)

armstrongiae (T.A. Jones) Zahlbr.
clavulus (Stizenb.) Zahlbr.
lugens (Stizenb.) Zahlbr.
palmeti (Stizenb.) Zahlbr.
robiginans (Stizenb.) Zahlbr.

BILIMBIA De Not. (1846)

sabuletorum (Schreb.) Arnold

BLASTENIA A. Massal. (1852)

acaciae (Vain.) Zahlbr.
aspicilioidea Zahlbr.

brunnthaleri Zahlbr.

imponens (Stizenb.) Zahlbr.

laingsburgensis Zahlbr.

ochracea (Schaer.) Trevis.

(Xanthocarpia ochracea (Schaer.) A. Massal. & De Not.)

praemicans (Nyl.) Zahlbr.

psorothecioides (Vain.) Zahlbr.

punicae (Vain.) Zahlbr.

sedutrix (Stizenb.) Zahlbr.

subsalicina Zahlbr.

testaceorufa (Vain.) Zahlbr.

vasquesia A. Massal.

ochracea var. *parvula* (Stizenb.) Zahlbr. = **Blastenia ochracea**

BOMBYLIOSPORA De Not. 1852

aureola (Tuck.) Zahlbr. = **Letrouitia aureola**

domingensis (Pers.) Zahlbr. = **Letrouitia domingensis**

domingensis var. *colorata* Vain. = **Letrouitia domingensis**

domingensis var. *flavocrocea* Zahlbr. = **Letrouitia domingensis**

domingensis var. *glaucotropa* Vain. = **Letrouitia domingensis**

domingensis var. *inexplicata* Malme = **Letrouitia domingensis**

domingensis var. *inspersa* J. Steiner = **Letrouitia domingensis**

flavidula (Tuck.) Zahlbr. = **Letrouitia flavidula**

ncana A.L.Sm. = **Megalospora tuberculosa**

tuberculosa (Fée) A. Massal. = **Megalospora tuberculosa**

tuberculosa f. *geotropa* (Stizenb.) Zahlbr. = **Megalospora tuberculosa**

zuluensis Vain. = **Megalospora tuberculosa**

BRIGANTIAEA TREVIS. (1853)

fuscolutea (Dicks.) R. Sant.

leucoxantha (Spreng.) R. Sant.

mariae Trevis.

BRYORIA Brodo & D. Hawksw. (1977)

fuscescens (Gyelnik) Brodo & D. Hawksw.

Kärnefelt 1987b

BULLATINA Vězda & Poelt (1987)

viridis Brusse

Brusse 1992, Farkas 2004

microcarpa (Vězda) Brusse = **Gyalectidium microcarpum**

BUELLIA De Not. (1846)

aethalea (Ach.) Th. Fr.

aethaloessa (Stizenb.) Zahlbr.

africana (Tuck.) Tuck.
albula Müll. Arg.
ambuta (Stizenb.) Zahlbr.
anatolodia A. Massal.
aequata (Ach.) Szatala
brunnthaleri Zahlbr.
callaina (Stizenb.) Zahlbr.
callisporina C.W. Dodge
cangoensis Vain.
coeruleata (Stizenb.) Zahlbr.
contingens (Nyl.) Zahlbr.
dialytella Vain.
diorista (Nyl.) Zahlbr.
disciformis (Fr.) Mudd.
discolorans Zahlbr. (nom illegit.)
dispersa A. Massal.
distrahens Vain.
distrata (Nyl.) Zahlbr.
durbana Vain.
endorhodina Vain.
epichlora (Vain.) Zahlbr.
glenncairnensis Zahlbr.
halonia (Ach.) Tuck.
incuriosa (Nyl.) Zahlbr.
insidians (Nyl.) Zahlbr.
italica A. Massal.
langbaanensis Vain.
lauricassiae (Fée) Müll. Arg.
leucina Müll. Arg.
lutata (Stizenb.) Zahlbr.
meizocarpa Vain.
melanthina (Stizenb.) Zahlbr.
microsperma Müll. Arg.
nesiotis (Stizenb.) Zahlbr.
ocoteae Vain.
oleicola (Nyl.) Zahlbr.
pachnodes (Stizenb.) Zahlbr.
pachysporoides Vain.
perigrapta (Stizenb.) Zahlbr.
permodica (Stizenb.) Zahlbr.
perspersa J. Steiner
praelata (Stizenb.) Zahlbr.
protohallina (Kremp.) Vain. nom. Illegit.

quaterna Zahlbr.
 romoletia A. Nordin
 rudis (Stizenb.) Zahlbr.
 rusticorum (Stizenb.) Zahlbr.
 sequax (Nyl.) Zahlbr.
 spuria (Schaer.) Anzi
 stellulata (Taylor) Mudd.
 stizenbergeri Zahlbr.
 subdisciformis Vain.
 transvaalica (Stizenb.) Zahlbr.
 triplicans Zahlbr.
 vernicoma (Tuck.) Tuck.
abstracta Oliv. = **B. sequax**
aggreddens (Stirt.) Zahlbr. = **Cratiria aggreddens**
alboatra (Hoffm.) Th. Fr. = **Diplotomma alboatrum**
ambusta Zahlbr. = **B. ambuta**
angulosa J. Steiner, non B. de Lesd. = **B. brunthaleri**
brugierae Vain. = **Amandinea brugierae**
callispora (C. Knight) J. Steiner = **Hafellia demutans**
callispora var. *tetrapla* (Nyl.) J. Steiner = **Hafellia tetrapela**
callisporoides Vain. (nom illegit.) = **B. callisporina**
cinereocincta Müll. Arg. = **Baculifera cinereocincta**
debanensis (Bagl.) C.W. Dodge = **B. italica**
demutans Zahlbr. = **Hafellia demutans**
disciformis var. *cinereopruinosa* Vain. = **B. disciformis**
disciformis var. *lecanactina* Steiner = **B. disciformis**
disciformis var. *sanguinea* (Müll. Arg.) Zahlbr. = **B. disciformis**
dissa (Stirt.) Zahlbr. = **Hafellia dissa**
italica var. *debanensis* Bagl. = **B. italica**
italica var. *recobarina* A. Massal. = **B. italica**
lauricassiae var. *macrosperma* Zahlbr. = **B. lauricassiae**
lecanactina (J. Steiner) C.W. Dodge = **B. disciformis**
micromera Vain. = **Baculifera micromera**
natalensis Vain. = **Amandinea natalensis**
procellarum A. Massal. = **Hafellia procellarum**
procellarum var. *continuior* J. Steiner = **Hafellia procellarum**
procellarum var. *repens* J. Steiner = **Hafellia procellarum**
protohallina var. *indissimilis* Vain. = **B. protohallina**
punctata var. *aequata* (Ach.) Zahlbr. = **B. aequata**
punctata (Hoffm.) A. Massal. (inc. f. *marcidula* Zahlbr., f. *punctiformis* Hazsl.) = **Amandinea punctata**
recobarina (A. Massal.) Müll. Arg. = **B. italica**
spuria var. *insularis* (A. Massal.) Jatta = **B. spuria**
stellulata f. *albosparsa* Zahlbr. = **B. stellulata**

Nordin 2000

stellulata f. *hybrida* Zahlbr. = **B. stellulata**
stellulata f. *murina* Zahlbr. = **B. stellulata**
subcinerascens (Nyl.) Zahlbr. = **Lecanora subcinerascens**
subtristis (Nyl.) Zahlbr. = **Rinodina subtristis**
tetrapla (Nyl.) Müll. Arg. = **Hafellia tetrapela**
verruculosa (Sm.) Mudd = **B. aethalea**
viridiatra (Wulfen) H. Olivier = **Rhizocarpon viridiatrum**

BULBOTHRIX Hale (1974)

coronata (Fée) Hale Hale 1976b, Swinscow & Krog 1988
decurtata (Kurok.) Hale Hale 1976b
goebelii (Zenker) Hale Hale 1976b
isidiza (Nyl.) Hale Hale 1976b
sensibilis (J. Steiner & Zahlbr.) Hale Brusse 1988e, Hale 1976b
suffixa (Stirt.) Hale Hale 1976b, Swinscow & Krog 1988
tabacina (Mont. & Bosch) Hale Hale 1976b
ventricosa (Hale & Kurok.) Hale Hale 1976b, Swinscow & Krog 1988

BUNODOPHORON A. Massal. (1861)

melanocarpum (Sw.) Wedin

BYSSOLECANIA Vain. 1921

fumosonigricans R. Sant. = **Gonolecania fumosonigricans**

BYSSOLOMA Trevis. (1853)

leucoblepharum (Nyl.) Vain. Santesson 1952, Farkas 2004
subdiscordans (Nyl.) P. James Brusse 1988e
tricholomum (Mont.) Zahlbr.
rotuliforme (Müll. Arg.) R. Sant. = **B. subdiscordans**
tricholomum f. *confluens* Vain. = **B. tricholomum**

CALENIA Müll. Arg. 1890

nonospora Vězda = **Bulletina viridis**

CALOPLACA Th. Fr. (1860)

almbornii Kärnefelt Kärnefelt 1987a, Kärnefelt 1988, Almborn 1988a
amphidoxa (Stizenb.) Zahlbr.
arenaria (Pers.) Müll. Arg.
(Rufoplaca arenaria (Pers.) Arup, Søchting & Frödén)
bonae-spei Almb. & Poelt Almborn 1988a, Kärnefelt 1988
(Teloschistopsis bonae-spei (Almb. & Poelt) Frödén, Arup & Søchting)
calviniana Zahlbr.
capensis (A. Massal.) Zahlbr.

cardinalis Zahlbr.	
cataschista Zahlbr.	
cateileoides (Vain.) Plümper & Lumbsch	
cerina (Ach.) Th. Fr.	
cinnabarina (Ach.) Zahlbr.	Almborn 1988a, Kärnefelt 1988
cinnabariza (Nyl.) Zahlbr.	
coccinella (Stizenb.) Zahlbr.	
conchiliata Zahlbr.	
crocodes (A. Massal.) Zahlbr.	
delectans Zahlbr.	
discolorella Zahlbr.	
ecklonii (A. Massal.) Zahlbr.	
effusa G. Merr.	
fecunda Zahlbr.	
ferruginea (Huds.) Th. Fr.	
(<i>Blastenia ferruginea</i> (Huds.) A. Massal.)	
ferrogineovirens (Vain.) Zahlbr.	
flavovirescens Dalla Torre & Sarnth.	
gracilescens Zahlbr.	
granulosa Jatta	
gyalectoides S.Y. Kondr. & Kärnefelt	Kärnefelt et al. 2002b
haematodes (A. Massal.) Zahlbr.	Almborn 1960, Kärnefelt 1988
hampeana (A. Massal.) Zahlbr.	
holocarpa (Hoffm.) A.E. Wade	
isidiosa (Vain.) Zahlbr.	Kärnefelt 1988
leptopisma (Nyl.) Zahlbr.	
massula Zahlbr.	
mastophora (Vain.) Zahlbr.	
neethlingii Zahlbr.	
ochraceofulva (Müll. Arg.) Jatta	Almborn 1987, Kärnefelt 1988
odoardii (Bagl.) Zahlbr.	
pallidior (Müll. Arg.) Zahlbr.	
perexigua (Vain.) Zahlbr.	
phlogina Flagey	
(<i>Polycauliona phlogina</i> (Ach.) Arup, Frödén & Søchting)	
placidia J. Steiner	
platyna Zahlbr.	
pyropoecila (Nyl.) Zahlbr.	
pyropoeciloides Zahlbr.	
regalis (Vain.) Zahlbr.	
(<i>Gondwania regalis</i> (Vain.) Søchting, Frödén & Arup)	
saxicola (Hoffm.) Nordin	
scoriophila (A. Massal.) Zahlbr.	

(*Usnochroma scoriophila* (A. Massal.) Søchting, Arup & Frödén)

sophodes (Vain.) Zahlbr.
 subcerina (Nyl.) Zahlbr.
 sublobulata (Nyl.) Zahlbr.
 subseptata Zahlbr.
 subsoluta (Nyl.) Zahlbr.

Almborn 1960, Almborn 1988b, Kärnefelt 1988

(*Squamulea subsoluta* (Nyl.) Arup, Søchting & Frödén)

subunicolor (Nyl.) Zahlbr.
 sympageella (Vain.) Zahlbr.
 teicophila (A. Massal.) Zahlbr.
aurantiaca (Lightf.) Th. Fr. (inc. f. *fulva* Zahlbr.) = **C. ferruginea**
carphinea var. *scoriophila* (A. Massal.) J. Steiner. = **C. scoriophila**
cinnabarina var. *opaca* (Müll. Arg.) Zahlbr. = **C. cinnabarina**
elegans (Link) Th. Fr. = **Xanthora elegans**
ferruginea f. *erysibe* Jatta = **C. ferruginea**
lamprocheila Flagey. = **C. arenaria**
murorum (Hoffm.) Th. Fr. = **C. saxicola**
pallidior f. *opaca* (Müll. Arg.) Zahlbr. = **C. cinnabarina**
pyracea f. *subpicta* Zahlbr. ("on rock") = **C. holocarpa**
regalis f. *prostrata* (Hue) Zahlbr. = **C. regalis**
subnitida (Malme) Zahlbr. = **C. ochraceofulva**
tegularis (Ehrh.) Sandst. = **Xanthora elegans**
verruculifera (Vain.) Zahlbr. = ? **C. granulosa**

Kärnefelt 1988

CALOPADIA Vězda (1986)

fusca (Müll. Arg.) Vězda
puiggarii (Müll. Arg.) Vězda
subcoerulescens (Zahlbr.) Vězda

Brusse 1988e
 Brusse 1988e
 Farkas, 2004

CANDELARIA A. Massal. (1852)

conclor (Dicks.) Arnold
Candelaria concolor f. *phaeocarpa* Almb. = **C. conclor**
Candelaria fibrosa (Fr.) Müll. Arg. = **C. conclor** (SA records)

(Almborn 1966, 1988b)

CANDELARIELLA Müll. Arg. (1894)

coralliza (Nyl.) H. Magn.
elaeophaea (Nyl.) Zahlbr.
glaucolivescens (Nyl.) Zahlbr.
vitellina (Hoffm.) Müll. Arg.
vitellina f. *athallina* (Wedd.) Zahlbr. = **C. vitellina**

Brusse 1988e

CANOMACULINA Elix & Hale (1987)

pilosa (Stizenb.) Elix & Hale

Hale 1976c, Swinscow & Krog 1988, Thomas & Bhat 1996

subcaperata (Kremp.) Elix
uruguensis (Kremp.) Elix

Hale 1974, Elix 1999a

CANOPARMELIA Elix & Hale (1986)

antedeluvialis (Brusse & Sipman) Elix
aptata (Kremp.) Elix & Hale
crozalsiana (B. de Lesd. ex Harm.) Elix & Hale
nairobiensis (J. Steiner & Zahlbr.) Elix & Hale
owariensis (Asahina) Elix
pustulescens (Kurok.) Elix
raunkiaeri (Vain.) Elix & Hale
rodriguesiana (Hue) Elix
terrapapia Elix
texana (Tuck.) Hale
zambiensis (Hale) Elix & Hale
zimbabwensis (Hale) Elix & Hale

Brusse 1993, Elix 1997
Hale 1976a
Hale 1976a

Elix 1993, Nash & Elix 1987
Hale 1976a
Nash & Elix 1987
Elix 1999a, Hale 1976a
Elix 1999a
Hale 1976a
Nash & Elix 1987
Hale 1972, Swinscow & Krog 1988

CARBONEA (Hertel) Hertel (1983)

vorticosa (Flörke) Hertel
oreinoides (Körb.) Brusse = **Lecanora oreinoides**

CATAPYRENIUM Flot. 1850

acarosporoides (Zahlbr.) J.W. Thomson = **Placidium acarosporoides**
kaernefeltii (Breuss) Breuss = **Placidium kaernefeltii**
squamulosum (Ach.) Bruess = **Placidium squamulosum**
tenellum Breuss = **Placidium tenellum**

CATARRHOSPORA Brusse (1994)

mira Brusse
splendida Brusse

Brusse 1994
Brusse 1994

CATILLARIA A. Massal. (1852)

chalybeia (Borrer) A. Massal.
crystallifera H. Kilius
golubkovae Kotlov
lenticularis (Ach.) Th. Fr.
melampepla (Tuck.) Zahlbr.
mollescens Zahlbr.
mortalis (Stizenb.) Zahlbr.
nigroclavata (Nyl.) J. Steiner
opacata (Stizenb.) Zahlbr.
rhyparoleuca A. Massal.
stictella (Stirt.) Zahlbr.

Almborn 1960
Kilius 1984
Kotlov 2002

subfuscata (Nyl.) Zahlbr.
bouteillei (Desm.) A. Zahlbr. = **Fellhanera bouteillei**
intermixta (Nyl.) Arnold = **Megalaria intermixta**
intermixta f. *cyanocentra* Zahlbr. = **Megalaria intermixta**
lenticularis f. *chloropoliza* Boist. = **C. lenticularis**
schumannii var. *meridionalis* Cl. Roux & Vězda = **Micarea melanidea**

CETRARIA Ach. (1803)

aculeata (Schreb.) Fr.
chlorophylla (Willd.) Poetsch = **Tuckermannopsis chlorophylla**

CETRELIA W.L. Culb. & C.F. Culb. (1968)

cetrarioides (Duby) W. L. Culb. & C. F. Culb.
 olivetorum (Nyl.) W. L. Culb & C. F. Culb.

CHAPSA A. Massal.)

diploschistoides (Zahlbr.) Frisch

CHIODECTON Ach. (1814)

colensoi (A. Massal.) Müll. Arg.
 galactinum Zahlbr.
 natalense Nyl.
 vanderbylii Zahlbr.
capense (A. Massal) Zahlbr. = **C. colensoi**
sanguineum f. *roseocincta* (Fr.) Vain. = **C. natalensis**
sanguineum f. *rosaceotinctum* (Fr.) Vain. = **C. natalensis**
venosum (Pers.) Zahlbr. = **Enterographa crassa**

CHROODISCUS (Müll. Arg.) Müll. Arg. (1890)

mirificus (Krempelh.) R. Sant.
 verrucosus R. Sant., Lücking & Vězda

Brusse 1991b
 Farkas, 2004

CHRYSOTHRIX Mont. (1852)

candelaris (L.) J. R. Laundon

CLADIA Nyl. (1870)

aggregata (Sw.) Nyl.
polia (R. Sant.) W.A. Weber = **Cladonia polia**

CLADONIA P. Browne (1756)

bacillaris (Ach.) Genth
borbonica Nyl.
caespiticia (Pers.) Flörke

Abbeyes 1964, Ahti & Aptroot 1992

centrophora Müll Arg.	Swinscow & Krog 1988
chlorophaea (Flörke ex Sommerf.) Spreng.	
confusa R. Sant.	Almborn 1987
coniocraea (Flörke) Spreng.	
didyma (Fée) Vain.	Stenroos 1994
fimbriata (L.) Fr.	
floerkeana (Fr.) Sommerf.	Stenroos 1994
furcata (Huds.) Schrad.	
fuscocinerea Ahti	Brusse 1988e
hedbergii Ahti	Brusse 1988e
macilenta Hoffm.	Stenroos 1994
ochrochlora Flörke	
poeciloclada f. brachiata Abbayes	Abbayes 1964
pertriosa Kremp.	
pocillum (Ach.) Grognot	
pyxidata (L.) Fr.	
ramulosa (With.) J.R. Laundon	
rei Schaer	
squamosa (Scop.) Hoffm.	
subpungens Abbayes	Abbayes 1964. Ahti 1993
subradiata (Vain.) Sandst.	
subulata (L.) F.H. Wigg.	
verticillata Hoffm.	
<i>aggregata</i> (Sw.) Spreng. = Cladia aggregata	
<i>cervicornis</i> subsp. <i>verticillata</i> (Hoffm.) Ahti = C. verticillata	
<i>didyma</i> var. <i>muscigena</i> (Eschw.) Vain. = C. didyma	
<i>didyma</i> f. <i>subulata</i> Sandst. = C. didyma	
<i>fimbriata</i> var. <i>balfourii</i> (Cromb.) Vain. = C. subradiata	
<i>fimbriata</i> var. <i>chondroidea</i> Vain. = C. fimbriata	
<i>fimbriata</i> var. <i>chlorophaeoides</i> Vain. = C. fimbriata	
<i>fimbriata</i> var. <i>coniocraea</i> (Flörke) Vain. = C. coniocraea	
<i>fimbriata</i> var. <i>nemoxyna</i> (Ach.) Coem. = C. rei	
<i>fimbriata</i> var. <i>nemoxyna</i> f. <i>fibula</i> (Ach.) Vain. = C. rei	
<i>fimbriata</i> var. <i>ochrochlora</i> (Flörke) Vain. = C. ochrochlora	
<i>fimbriata</i> var. <i>radiata</i> (Schreb.) Coem. = C. subulata	
<i>fimbriata</i> var. <i>simplex</i> (Weiss.) Flot. = C. fimbriata	
<i>fimbriata</i> var. <i>subradiata</i> Vain. = C. subradiata	
<i>fimbriata</i> var. <i>subulata</i> (L.) Vain. = C. subulata	
<i>flabelliformis</i> Vain. = <i>C. polydactyla</i> , but misapplied name	
<i>flabelliformis</i> f. <i>tenella</i> Zahlbr. = C. flabelliformis	
<i>leptoclada</i> Abbayes = C. confusa	
<i>macilenta</i> var. <i>corticata</i> Vain. = C. macilenta	
<i>multiformis</i> G. Merr. = misapplied name (North American species)	

multiformis f. *subascypha* (Vain.) Evans = **C. multiformis**
pertriosa Kremp. = **C. subpugens**
pityrea (Flörke) Fr. = **C. ramulosa**
pityrea var. *subareolata* Vain. = **C. ramulosa**
pityrea var. *zwackhii* Vain. f. *scyphifera* (Del.) Vain. = **C. ramulosa**
poeciloclada Abbayes = **C. borbonica** (Ahti & Aptroot 1992)
polia R. Sant. = **C. confusa**
portentosa (Dufor) Coem. = **C. confusa**
pyncoclada (Pers.) Nyl. = **C. confusa**
pyncoclada f. *exalbescens* Vain. = **C. pyncoclada**
pyxidata var. *ophaea* f. *staphylea* (Ach.) Harm. = **C. chlorophaea**
pyxidata var. *pocillum* (Ach.) Flot. = **C. pocillum**
rangiferina (L.) F.H. Wigg. = probably **C. confusa**
rangiformis Hoffm. = **C. subpungens**
rangiformis var. *foliosa* Flörke = **C. rangiformis**
rangiformis var. *pungens* (Ach.) Vain. = **C. pertriosa**
sylvatica = ?**C. confusa**
verticillata Hoffm. = **C. cervicornis** subsp. **verticillata**

CLATHROPORINA Müll. Arg. (1882)

locuples (Stizenb.) Zahlbr.

CLIOSTOMUM Fr. (1825)

flavum (Zahlbr.) Buesse

Brusse 1993

COCCOCARPIA Pers. (1827)

palmicola (Sprengel) Arv. & D.J. Galloway

pellita (Ach.) Müll Arg.

pellita var. *parmelioides* Müll. Arg. = **C. pellita**

Arvidsson 1982, Brusse 1988e

COELOCAULON Link 1833

epiphorellum (Nyl.) Kärnefelt = **Coelopogon epiphorellus**

COELOPOGON Brusse & Kärnefelt (1991)

abraxas Brusse

epiphorellus (Nyl.) Brusse & Kärnefelt

Brusse & Kärnefelt 1991

Kärnefelt 1986, Almborn 1988b, Brusse & Kärnefelt 1991

COENOGONIUM Ehrenb. (1820)

afrum A. Massal.

flavicans (Vězda & Farkas) Kalb & Lücking

interplexum Nyl.

luteum (Dicks.) Kalb & Lücking

moniliforme Tuck.

Farkas, 2004

Brusse 1991c

Brusse 1988e

subluteum (Rehm) Kalb & Lücking

Brusse 1991b

COLLEMA P. Browne (1756)

almbornii Degel.

Degelius 1974

(*Paracollema almbornii* (Degel.) Otálora, P.M. Jørg. & Wedin)

coccophorum Tuck.

Schultz et al. 2009

(*Enchylium coccophorum* (Tuck.) Otálora, P.M. Jørg. & Wedin)

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

(*Blennothallia crispa* (L.) Otálora, P.M. Jørg. & Wedin)

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

Degelius 1974

(*Arctomia fascicularis* (L.) Otálora & Wedin, *Gabura fasciculare* (L.) P. M. Jørg.)

furfuraceum (Arnold) Du Rietz

Degelius 1974

hueanum Degel. var. hueanum

Degelius 1974, Moberg 1987

japonicum (Müll Arg.) Hue

Degelius 1974

kauaiense H. Magn.

Degelius 1974

(*Scytinium kauaiense* (H. Magn.) Otálora, P.M. Jørg. & Wedin)

leptaleum Tuck.

Degelius 1974

nigrescens (Huds.) DC.

polycarpon Hoffm.

Degelius 1974

(*Enchylium polycarpon* (Hoffm.) Otálora, P.M. Jørg. & Wedin)

redundans Nyl.

subconveniens Nyl.

Galloway 1995

subflaccidum Degel.

Degelius 1974

tenax (Sw.) Ach.

Degelius 1974

(*Enchylium tenax* (Sw.) Gray)

texanum Degel.

Zedda & Rambold 2004

thysaneum Ach.

aggregatum (Ach.) Röhl = **C. fasciculare**

furfuraceum var. *luzonense* Degel. = **C. furfuraceum**

leptaleum var. *bilosum* (Mont.) Degel. - **C. leptaleum**

COMBEA De Not. (1846)

mollusca (Ach.) Nyl.

Almborn 1988a, Almborn 1988b, Follmann et al. 1994

CONOTREMA Tuck. (1848)

volvarioides (Fée) Müll. Arg.

CONIARTHONIA Grube (2001)

wilmsiana (Müll. Arg.) Grube

CORNICULARIA (Schreb.) Hoffm.

epiphorella (Nyl.) Kärnefelt = **Coelopogon epiphorellus**

tenuissima (L.) Zahlbr. = **Cetraria aculeata**

CORYNECYSTIS Brusse (1985)

capensis Brusse

Brusse 1985a, Büdel 1987

CRATIRIA Marbach (2000)

aggregans (Stirt.) Marbach

Marbach 2000

CRUTARNDINA Parmen, Lücking & Lumbsch (2012)petractoides (P.M. Jørg. & Brodo) Parmen,
Lücking & Lumbsch 1988e

Brusse

CRYPTOTHECIA Stirt. (1876)

subnidulans Stirt.

CULBERSONIA Essl. (2000)

nubila (Moberg) Essl.

Obermeyer 2009

[DEGELIA](#) Arv. & D.J. Galloway (1981)[plumbea](#) (Lightf.) P.M. Jørg. & P. James = **Pectenium plumbeum****DERMATISCUM** Nyl. (1867)

fallax Brusse

thunbergii (Ach.) Nyl.

viride (L.f.) Zahlbr.

pusillum (Hedw.) Anzi = **Endocarpon pusillum**

Brusse 1986c

Almborn 1987, Almborn 1988b

DERMATOCARPON Eschw. (1824)

deserti Zahlbr.

peltatum (Taylor) Zahlbr.

vitellinum Spreng.

DIBAEIS Clem. (1909)

baeomyces (L.f.) Rambold & Hertel

Almborn 1988a, Thomas & Bhat 1996

DIGITOTHYREA P.P. Moreno & Egea (1992)rotundata (Büdel, Henssen & Wessels) P.P. Moreno
& Egea

Henssen et al. 1985

DIMELAENA Norman (1853)

australiensis H. Mayrhofer & Sheard

oreina (Ach.) Norman

[tenuis](#) (Müll. Arg.) H. Mayrhofer & Wippel

Mayrhofer et al. 1996

[Mayrhofer et al. 1996](#)[Mayrhofer et al. 1996](#)

DIMERELLA Trevis 1880*lutea* (Dicks.) Trevis. = **Coenogonim luteum***epiphylla* (Müll. Arg.) Malme = **Coenogonim subluteum****DIPLOICIA** A. Massal. (1852)*africana* (Tuck.) Matzer, H. Mayrhofer & Rambold*quaterna* (Zahlbr.) C.W. Dodge = **Buellia quaterna**

Matzer et al. 1998

DIPLOSCHISTELLA Vain. (1926)*urceolata* Vain.**DIPLOSCHISTES** Norman (1853)*actinostomus* (Pers. ex Ach.) Zahlbr.*aeneus* (Müll. Arg.) Lumbsch*austroafricanus* Guderley & Lumbsch*cinereocaesius* (Sw.) Vain.*diacapis* (Ach.) Lumbsch*diploschistoides* (Vain.) Salisbury*euganeus* (A. Massal.) J. Steiner*hensseniae* Lumbsch & Elix*hypoleucus* Lumbsch & Elix*isabellinus* Zahlbr.*muscorum* subsp. *bartletii* Lumbsch*scruposus* (Schreb.) Norm.*sticticus* (Körb.) Müll. Arg.cf. *thelenelloides* Lumbsch & Aptroot*thunbergianus* (Ach.) Lumbsch & Vězda*actinostomus* var. *aeneus* (Müll. Arg.) J. Steiner - **D. aeneus***actinostomus* var. *caesioplumbeus* (Nyl.) J. Steiner (SA collections) = **D. diploschistoides***almbornii* C.W. Dodge = **D. diploschistoides***anactinus* (Nyl.) Zahlbr. = **D. euganeus***arenarius* (Schaer.) Müll. Arg. = **D. muscorum***bellus* Zahlbr. = **Incvariella bispora***caesioplumbeus* (Nyl.) Vain. = **D. diploschistoides***deuterius* (Nyl.) Zahlbr. = **D. euganeus***ochroniger* Zahlbr. = **Gyalideopsis athallinoides***perispicillatus* Zahlbr. = **D. sticticus***scruposus* var. *arenarius* (A. Massal.) Müll. Arg. = **D. muscorum***scruposus* f. *iridatus* (A. Massal.) Zahlbr. = **D. scruposus***subcupreus* (Nyl.) Zahlbr. = **D. sticticus**

Almborn 1988b, Guderley & Lumbsch 1996, Zedda & Rambold 2004

Guderley & Lumbsch 1996, Zedda & Rambold 2004

Guderley & Lumbsch 1996

Guderley & Lumbsch 1996

Almborn 1988b

Almborn 1960, Guderley & Lumbsch 1996

Guderley & Lumbsch 1996

Guderley & Lumbsch 1996, Zedda & Rambold 2004

Guderley & Lumbsch 1996

Guderley & Lumbsch 1996

Guderley & Lumbsch 1996

Guderley & Lumbsch 1996, Thomas & Bhat 1996

Lumbsch 1993, Guderley & Lumbsch 1996

Zedda & Rambold 2004

Guderley & Lumbsch 1996

DIPLATOMMA Flot. (1849)*alboatrum* (Hoffm.) Flot.

Nordin 2000

durbanum (Vain.) C.W. Dodge **Buellia durbana**
endorhodinum (Vain.) Szatala = **Buellia endorhodina**

DIRINA Fr. (1825)

capensis Fée

DIRINARIA (Tuck.) Clem. (1909)

aegialita (Afz.) Moore var. *aegialita*

africana (Müll. Arg.) D. D. Awasthi

applanata (Fée) D.D. Awasthi

aspera (H. Magn.) D. D. Awasthi

coccinea (Müll. Arg.) D. D. Awasthi

confluens (Fr.) D. D. Awasthi var. *confluens*

flava (Müll. Arg.) C.W. Dodge

isidiophora (Nyl.) C.W. Dodge

melanoclina (C. Knight) D. D. Awasthi

leopoldii (Stein) D. D. Awasthi

picta (Sw.) Schaer. ex Clem.

purpurascens (Vain.) B.J. Moore

subpicta (Nyl.) C. W. Dodge

purpurascens f. *colorata* D. D. Awasthi = **D. purpurascens**

Awasthi 1975

Awasthi 1975

Awasthi 1975

Awasthi 1975, Swinscow & Krog 1988

Awasthi 1975

Brusse 1988e

Awasthi 1975

Awasthi 1975

Thomas & Bhat 1994, Thomas & Bhat 1996)

Awasthi 1975

Awasthi 1975

DOLICHOUSNEA (Y. Ohmura) Articus 2004

diffracta (Vain.) Articus = **Usnea diffracta**

trichodeoides (Vain. ex Motyka) Articus = **Usnea trichodeoides**

DUFOUREA Ach. (1809)

physcioides A. Massal.

ECHIDNOCYMBIUM Brusse (1987)

speciosum Brusse

Brusse 1987e

ECHINOPLACA Fée (1825)

epiphylla Fée

pellicula (Müll. Arg.) R. Sant.

strigulacea (Müll. Arg.) R. Sant.

Brusse 1988e

Brusse 1988e

Brusse 1991c, Farkas 2004

ENDOCARPON Hedw. (1788)

pusillum Hedw.

peltatum Taylor = **Dermatocarpon peltatum**

ENTEROGRAPHA Fée (1825)

crassa (DC.) Fée

ENTEROSTIGMA Müll. Arg. (1885)
compunctum (Ach.) Müll. Arg.

EPHEBE Fr. (1825)

lanata (L.) Vain.
orthogonia Henssen

Henssen 1963

EREMASTRELLA S. Vogel (1955)
crystallifera (Taylor) Gotth. Schneid.
montana Brusse
tobleri Vogel = **E. crystallifera**

Almborn 1988b, Vogel 1955
Brusse 1987f

ERIODERMA Fée (1825)

leylandii (Taylor) Müll. Arg.

Jørgensen 2001, Jørgensen 2003

***ETAYOA** Diederich & Ertz (2014)

**trypethelii* (Flakus & Kukwa) Diederich & Ertz

Ertz et al 2014

EUMITRIA Stirt. 1881

baileyi Stirt. = **Usnea baileyi**

liechtensteinii (J. Steiner) Vain. = **Usnea liechtensteinii**

FELLHANERA Vězda (1986)

bouteillei (Desm.) Vězda
fuscatula (Müll. Arg.) Vězda
stanhopiae (Müll. Arg.) Lücking, Lumbsch & Elix
subternella (Nyl.) Vězda

Santesson 1952, Farkas 2004
Brusse 1991b, Farkas 2004
Farkas, 2004
Farkas, 2004

FLAVOPARMELIA Hale (1986)

amplexa (Stirt.) Hale
caperata (L.) Hale
pachydactyla (Hale) Hale
rutidota (Hook.f. & Taylor) Hale
salazinica Elix
soredians (Nyl.) Hale

Hale 1976a

Brusse 1991c

Elix 1999a
Hale 1976a

FLAVOPUNCTELIA (Krog) Hale (1984)

flaventior (Stirt.) Hale
soredica (Nyl.) Hale

Brusse 1988e
Brusse 1988e

FUSCIDEA V. Wirth & Vězda (1972)

hottentotta Brusse

Brusse 1989a

cyathoides (Ach.) V. Wirth & Vězda (SA records) = **F. hottentotta**

FUSCOPANNARIA P.M. Jørg. (1994)

leucosticta (Tuck.) P.M. Jørg.

subimmixta (C. Knight) P. M. Jørg.

Jørgensen 2002b, Jørgensen 2003

GLYPHIS Ach. (1814)

cicatricosa Ach.

scyphulifera (Ach.) Staiger

cicatricosa var. *confluens* (Zenk.) Zahlbr. = **G. cicatricosa**

cicatricosa var. *simplicior* (Vain.) Zahlbr. = **G. cicatricosa**

Almborn 1988b

Almborn 1988b

GLYPHOPELTIS Brusse (1985)

ligustica (B. de Lesd.) Timdal

eburina Brusse = **G. ligustica**

Brusse 1985b, Timdal 1988

GOMPHILLUS Nyl. (1855)

calycioides (Delise ex Duby) Nyl.

Brusse 1989c

GONOLECANIA Zahlbr. (1924)

fumosonigricans (Müll. Arg.) Brusse

Brusse 1991b

GRANULOPYRENIS Aptroot (1991)

macrocarpoides (Zahlbr.) Aptroot

GRAPHINA Müll. Arg. (1880)

acharii (Fée) Müll. Arg.

analoga (Nyl.) Zahlbr.

atrofusca Müll. Arg.

bylii (Vain.) Zahlbr.

obtrita (Fée) Müll. Arg.

pergracilis Zahlbr.

platycarpa (Eschw.) Zahlbr.

polycarpa Müll. Arg.

bylii var. *lividula* (Vain.) Zahlbr. = **G. bylii**

Almborn 1988b

GRAPHIS Adans. (1763)

denudans Vain.

devestiens Nyl.

diaphoroides Müll. Arg.

intexta Nyl.

intricata Fée

scripta (L.) Ach.

striatula (Ach.) Spreng.
subolivacea Zahlbr.

GYALECTA Ach. (1808)

carneola (Ach.) Hellb.

thunbergiana Ach. = **Diploschistes thunbergiana**

GYALECTIDIUM Müll. Arg. (1881)

filicinum Müll. Arg.

microcarpum (Vězda) Lücking, Sérus. & Vězda

Brusse 1991b

Brusse 1993

GYALIDEOPSIS Vězda (1972)

athallinoides (Nyl.) Vězda

Lumbsch 1993

GYMNOGRAPHOPSIS C.W. Dodge (1967)

latispora Egea & Torrente

Egea & Torrente 1996

GYROSTOMUM Fr. 1825

scyphuliferum (Ach.) Nyl. = **Glyphis scyphulifera**

HAEMATOMMA A. Massal. (1852)

africanum (J. Steiner) C. W. Dodge

collatum (Stirt.) C. W. Dodge

fenzlianum A. Massal.

persoonii (Fée) A. Massal.

puniceum (Sw.) A. Massal.

puniceum var. *africanum* J. Steiner = **H. africanum**

puniceum var. *collatum* (Stirt.) Zahlbr. = **H. collatum**

puniceum var. *breviculum* (Stizenb.) Zahlbr. = **H. puniceum**

puniceum var. *rufidulum* Zahlbr. = **H. puniceum**

puniceum var. *subarthonioideum* Zahlbr. = **H. puniceum**

Staiger & Kalb 1995

Staiger & Kalb 1995

Staiger & Kalb 1995

Staiger & Kalb 1995

HAFELLIA Kalb, H. Mayrhofer & Scheid. (1986)

demutans (Stirt.) Pusswald

dissa (Stirt.) H. Mayrhofer & Sheard

procellarum (A. Massal.) H. Mayrhofer & Sheard

tetrapla (Nyl.) Pusswald,

Marbach 2000

Marbach 2000

HELMINTHOCARPON Fée (1837)

natalense Vain.

HEPPIA Nägeli ex A. Massal. (1854)

adglutinata (Kremp.) A. Massal.

Schultz et al. 2009

guepini var. *nigrolimbata* Nyl.
lutosa (Ach.) Nyl.
euploca Vain. = ***Peltula euploca***
guepini (Delise) Nyl. = ***Peltula euploca***

Büdel 1987

HETERODERMIA Trevis. (1868)

albicans (Pers.)
allardii (Kurok.) Trass
antillarum (Vain.) Swinscow & Krog
boryi (Fée) Kr.P. Singh & S.R. Singh
chilensis (Kurock.) Swinscow & Krog
comosa (Eschw.) Follmann & Redon
dactyliza (Nyl.) Swinscow & Krog
diademata (Taylor) D.D. Awasthi
flabellata (Fée) D.D. Awasthi
hypocaesia (Yasuda) D.D. Awasthi
hypoleuca (Muhl.) Trevis.
isidiophora (Vain.) D.D. Awasthi
japonica (M. Sato) Swinscow & Krog
lepidota Swinscow & Krog
leucomela (L.) Poelt
lutescens (Kurock.) Follmann
magellanica (Zahlbr.) Swinscow & Krog
microphylla (Kurock.) Swinscow & Krog
namaquana Brusse
obscurata (Nyl.) Trev
podocarpa (Bél.) D.D. Awasthi
spathulifera Moberg & Purvis
speciosa (Wulfen) Trevis.
subcitrina Moberg
tremulans (Müll. Arg.) W.L. Culb.
vulgaris (Vain.) Follm. & Redón

Swinscow & Krog 1988, Trass 1992, Moberg 2004
 Trass 1992
 Trass 1992, Moberg 2004

Moberg 2004
 Brusse 1988e, Moberg 2004
 Brusse 1988e
 Thomas & Bhat 1994, Moberg 2004
 Brusse 1988e, Moberg 2004
 Trass 1992

Moberg 2004
 Moberg 2004
 Brusse 1988e, Galloway 1995
 Almborn 1988b, Galloway 1995, Thomas & Bhat 1996, Moberg 2004
 Brusse 1988e
 Galloway 1995
 Brusse 1988e, Moberg 2004
 Brusse 1992, Moberg 2004
 Brusse 1988e, Moberg 2004
 Moberg 2004
 Moberg 2004
 Galloway 1995, Thomas & Bhat 1996
 Moberg 2004
 Moberg 2004
 Swinscow & Krog 1988, Trass 1992

HETEROPLACIDIUM Breuss 1996

acarosporoides (Zahlbr.) Breuss = ***Placidium acarosporoides***

HYPERPHYSICIA Müll. Arg. (1894)

adglutinata (Flörke) H. Mayrhofer & Poelt
cochlearis Scutari
coralloidea (Lyngé) Scutari
granulata (Poelt) Moberg
isidiata Moberg
pandani (H. Magn.) Moberg

Moberg 2004
 Scutari 1997
 Moberg 2004
 Moberg 2004
 Moberg 2004
 Moberg 2004

pruinosa Moberg
syncolla (Tuck. ex Nyl.) Kalb

Moberg 2004
Thomas & Bhat 1996, Moberg 2004

HYPOGYMNIA (Nyl.) Nyl. (1896)

bitteri (Lyng.) Ahti
lugubris (Pers.) Krog,
physodes (L.) Nyl.
subphysodes (Kremp.) Filson
subphysodes var. *austerodioides* Elix = **H. subphysodes**

Brusse 1993

Brusse 1989c

HYPOTRACHYNA (Vain.) Hale (1974)

colensoica Hale, Nash & Elix
densirhizinata (Kurok.) Hale
erythrodes (Zahlbr.) Hale
evansii M.D.E. Knox
fissicarpa (Kurok.) Hale
habenula M.D.E. Knox
heterochroa (Hale & Kurok.) Elix
imbricatula (Zahlbr.) Hale
laevigata (Sm.) Hale
leeukopensis Elix
ligulata M.D.E. Knox
neodissecta (Hale) Hale
orientalis (Hale) Hale
osseoalba (Vain.) Y.S. Park & Hale
pulvinata (Fée) Hale
revoluta (Flörke) Hale
scytophylla (Kurok.) Hale
sinuosa (Sm.) Hale
sublaevigata (Nyl.) Hale
subpustulifera Elix
bahiana (Nyl.) Hale = **H. heterochroa**
degelii (Hale) Hale = **Myelochroma degelii**
formosana (Zahlbr.) Hale = **H. osseoalba**

Nash & Elix 1987
Brusse 1988e
Brusse 1988e
Knox 1982
Swinscow & Krog 1988
Knox 1982
Nash & Elix 1987
Brusse 1988e

Elix 1999a
Knox 1982
Nash & Elix 1987
Nash & Elix 1987
Nash & Elix 1987

Nash & Elix 1987

Elix 1993, Elix 1999a

ICMADOPHILA Trevis. (1852)

ericetorum Zahlbr.

IMMERSARIA Rambold & Pietschm. (1989)

athroocarpa (Ach.) Rambold & Pietschm.

Brusse 1988b

IMSHAUGIA S.L.F. Mey. (1985)

aleurites (Ach.) S.L.F. Mey.

Brusse 1993

INGVARIELLA Guderley & Lumbsch (1997)

bispora (Bagl.) Guderley & Lumbsch

KAROOWIA Hale 1989*adhaerens* (Nyl.) Hale = **Xanthoparmelia adhaerens***adligans* (Brusse) Hale = **Xanthoparmelia adligans***arquata* (Brusse) Hale = **Xanthoparmelia arquata***diutina* (Brusse) Elix = **Xanthoparmelia diutina***ganymedea* (Brusse) Hale = **Xanthoparmelia ganymedea***insipida* (Brusse) Hale = **Xanthoparmelia insipida***leptoplaca* (Brusse) Hale = **Xanthoparmelia leptoplaca***lyrigeria* (Brusse) Elix = **Xanthoparmelia lyrigeria***microscopica* Hale = **Xanthoparmelia microscopica***perspersa* (Stizenb.) Hale = **Xanthoparmelia perspersa***protocetrarica* Hale = **Xanthoparmelia protocetrarica***ralla* (Brusse) Hale = **Xanthoparmelia ralla***salazinica* Hale = **Xanthoparmelia salazinica***saxeti* (Stizenb.) Hale = **Xanthoparmelia saxeti***scitula* (Brusse) Hale = **Xanthoparmelia scitula***spissa* (Brusse) Hale = **Xanthoparmelia spissa***squamatica* (Brusse) Hale = **Xanthoparmelia mucinea***subchalybaeizans* Hale = **Xanthoparmelia subchalybaeizans***supposita* (Brusse) Elix = **Xanthoparmelia supposita****KROSWIA** P.M. Jørg. (2002)

crystallifera P. M. Jørg.

Jørgensen 2002a, Jørgensen 2003

LASALLIA Mérat (1821)*capensis* (Frey) Llano*dilacerata* (Frey) Llano*glauca* (Stizenb.) Llano*membranacea* (Laurer) Llano*papulosa* (Ach.) Llano*pustulata* (L.) Mérat*papulosa* var. *rubiginosa* (Pers.) Llano = **L. pustulata***rubiginosa* (Pers.) Llano = **L. pustulata**

Frey 1949, Almborn 1987, Almborn 1988b

Frey 1949, Almborn 1987

Almborn 1987

Almborn 1987

Almborn 1974, Almborn 1987, Almborn 1988b, Swinscow & Krog 1988

Almborn 1987, Swinscow & Krog 1988, Galloway 1995

LECANACTIS Eschw. (1824)*bullata* Zahlbr.*develans* Nyl.*emersa* (Müll. Arg.) Stizenb.*ulcerata* (Müll. Arg.) Zahlbr.

LECANIA A. Massal. (1853)

arenaria (Anzi) Flagey
 cyrtella Th. Fr.
 fructuosa (Stizenb.) Zahlbr.

LECANOGRAPHA Egea & Torrente)

lyncea (Sm.) Egea & Torrente
 subcaesioides Egea & Torrente Egea & Torrente 1996
grumulosa (Dufour) Egea & Torrente = **Paralecanographa grumosa**

LECANORA Ach. (1809)

albella (Pers.) Ach.
 albospersa Stizenb.
 allophana Nyl.
 aspera Stizenb.
 atraeformis Vain.
 atrorimata Nyl.
 atosulphurea Ach.
 bicincta Ramond
 bogotana Nyl.
 breuteliana A. Massal.
 bylii Vain.
 bylii Zahlbr. (Nom. Illegit.)
 caesiopallens Vain.
 caesiorubella Ach.
 campestris (Schaer.) Hue
 candidata Stizenb.
 carneoflava Müll. Arg.
 carpinea (L.) Vain.
 chlarotera Nyl.
 chondroplaca Zahlbr.
 cinefacta Stizenb.
 cruda Stizenb.
 deminuta (Müll. Arg.) Stizenb.
 diffusilis Nyl.
 dispersa (Pers.) Röhl.
 elapheia Stizenb.
 epibryon (Ach.) Ach. Brusse 1988e
 expallens Ach.
 farinacea Fée
 flexuosa Stizenb.
 frustulosa Ach.

galactiniza Nyl.
 glabrata (Ach.) Malme
 helva Stizenb.
 labiosa Stizenb.
 leprosa Fée
 leucoxantha Müll. Arg.
 nidulans Stizenb.
 nubila Stizenb.
 obvirescens Stizenb.
 oreinoides (Körb.) Hertel & Rambold
 ostracoderma (Ach.) Ach.
 polytypa Vain.
 prosecha Ach
 psaromela Nyl.
 pseudistera Nyl.
 pulicaris (Pers.) Ach.
 rehmannii Stizenb.
 rupicola (L.) Zahlbr.
 sylvestris (Nyl.) Stizenb.
 thiocheila Stizenb.
 transvaalensis Lumbsch
 varia (Hoffm.) Ach.
 vincentina Nyl.
allophana var. *glabrata* (Ach.) J. Steiner = **L. glabrata**
atra (Huds.) Ach. = **Tephromela atra**
atrosulphurea f. *leptococca* Stizenb. = **L. atrosulphurea**
atrosulphurea f. *livens* Stizenb. = **L. atrosulphurea**
badia var. *cinerascens* Flot. = **Protoparmelia badia**
blanda Nyl. = **L. farinacea**
cancriformis (Hoffm.) Vain. = **L. caesiorubella**
cateileoides Vain. = **Caloplaca cateileoides**
chlarona f. *pinastri* Cromb. = **L. pulicaris**
cinerea (L.) Sommerf. = **Aspicilia cinerea**
coarctata (Turner) Ach. = **Trapelia coarctata**
coarctata f. *cotaria* Ach. = **Trapelia coarctata**
coarctata f. *fulgiana* Zahlbr. = **Trapelia coarctata**
coarctata var. *fossulans* Sizenb. = **Trapelia coarctata**
coilocarpa (Ach.) Nyl. = **L. pulicaris**
dispersa f. *nana* Vain. = **L. dispersa**
dispersa f. *testacea* Vain. = **L. dispersa**
flavovirens Fée = **Vainionora flavovirens**
homaloplaca Nyl. = **Lecanora prosecha**
leptoplaca Zahlbr. (nom illeg.) = **Xanthoparmelia leptoplaca**

Zedda & Rambold 2004

Lumbsch et al. 1995

pallida (Schreb.) Rabenh. = **L. albella**
prosecha Ach. var. *homaloplaca* (Nyl.) Vain. = **L. prosecha**
rupicola var. *bicineta* (Ramond) Clauzade & Cl. Roux = **L. bicineta**
subdepressa Nyl. = **Aspicilia subdepressa**
subfusca (L.) Ach. = **L. chlarotera**
subfusca var. *campestris* (Schaer.) Raben. = **L. campestris**
subfusca var. *subcrenulata* Nyl. = **L. chlarotera**
subfusca var. *subgranulata* Nyl. = **L. chlarotera**
thaeodes (A. Massal.) Stizenb. = **Acarospora thaeodes**

LECIDEA Ach. (1803)

achristella Vain.
aeneola (Arnold) Vain.
affine G. Merr. (Nom inval. Art 38.1(a))
anteposita Nyl.
aporetica Stizenb.
bruguierae Vain.
buxea Stizenb.
caledonica Zahlbr.
capensis Zahlbr.
crassa (Nees) Stizenb.
cyanocentra Nyl.
decrustulata Vain.
elginensis Zahlbr.
erythrophaea Sommerf.
esuriens Zahlbr.
exigua Chaub.
fucina Stizenb.
fuscoatra Ach.
fuscotabulata Stizenb.
geina Stizenb.
glebaria Stizenb.
glencairnensis Zahlbr.
gouritzensis Vain.
griseofusciuscula Vain. ex Van der Byl
guamensis Vain.
hysbergensis Vain.
inscripta Stizenb.
insculpta Flot.
lactaria Stizenb.
lactens Stizenb.
langbaanensis Vain.
lapidica (Ach.) Ach.

mutabilis Fée
natalensis Nyl.
obumbrata Nyl.
ochroplaca Zahlbr.
oligocheila Zahlbr.
opalina Stizenb.
orbiculata Stizenb.
owaniana Müll. Arg.
pallidonigra Ach.
paraspeirea Stizenb.
peltasta Stirt.
peltoloma Müll. Arg.
peltulidea Stirt.
phalerata Stizenb.
quartzina Stizenb.
remota Vain. ex van der Byl
rhynsdorpensis Zahlbr.
squamifera Stizenb.
stellans Stizenb.
stupparia Stizenb.
subalbicans Nyl.
subattingens G. Merr. ex van der Byl
subceresina Zahlbr.
subexigua Vain.
subexiguella Vain.
subinquinans Nyl.
sublucida Stizenb.
subcinerascens Nyl. (possibly *L. lactea*)
subsquamifera Zahlbr.
subrussula J. Steiner
sulfurosula Stizenb.
terrena Nyl.
theiochroa (Darb.) Hue
theiophoroides Vain. ex Lynge
tragorum Zahlbr.
trichiliae Zahlbr.
valida Stizenb.
vestita (Mont.) Nyl.
zeyheri A. Massal.
aeneola var. *fuscoatra* (Nyl.) Zahlbr. = **L. aeneola**
albocoerulescens (Wulf.) Ach. = **Porpidia albocoerulescens**
albocoerulescens var. *flavocoerulescens* (Hornem.) Schaer. = **Porpidia flavocoerulescens**
angolensis Müll. Arg. = **Lecanora oreinoides**

cinnamomea Stizenb. = **Lecidella stigmathea**
crenata (Taylor) Stizenb. = **Psora crenata**
crenata var. *coroniformis* (Kremp.) Zahlbr. = **Psora crenata**
crenata var. *speirea* (Taylor) Zahlbr. = **Psora crenata**
crustulata Ach. = **Porpidia crustulata**
deceptoria Nyl. = **Psora deceptoria**
decipiens (Hedw.) Ach. = **Psora decipiens**
discolor Stizenb. = **Buellia discolorans** (nom illegit.)
dispersula Stizenb. (non *Buellia dispersula* Müll. Arg.) = **Buellia stizenbergeri**
elaeochroma f. *flavicans* (Ach.) Th. Fr. = **Lecidella elaeochroma**
elaeochroma f. *geographica* (Bagl.) Zahlbr. = **Lecidella elaeochroma**
elaeochroma var. *hyalina* (Mart.) Zahlbr. = **Lecidella elaeochroma**
epichromatica Zahlbr. = **Lecidella epichromatica**
exiguella Vain. = **Rinodina exiguella**
glomerulosa (DC.) Steud. = **Lecidella euphorea**
granifera Ach. = **Malmidea granifera**
granulosa (Hoffm.) Ach. = **Trapeliopsis granulosa**
grisella var. *mosigi* Zahlbr. = **L. fuscoatra**
howickensis Vain. = **Poeltiaria howickensis**
insculpta f. *oxydata* Flot. = **L. insculpta**
lapicida var. *pantherina* Ach. = **L. lapicida**
meiospora Nyl. = **Porpidia crustulata**
nigropallida Nyl. = **Toninia nigropallida**
ochroplaca var. *intermedia* Zahlbr. = **L. ochroplaca**
ochroplaca var. *leprosa* Zahlbr. = **L. ochroplaca**
ochroplaca var. *polita* Zahlbr. = **L. ochroplaca**
ochroxantha Nyl. = **Phyllopsora corallina**
ochroxantha f. *aethiopica* Stizenb. = **Phyllopsora corallina**
parasema Ach. = **Lecidella parasema**
parasema var. *areolata* G. Merr. = **Lecidella parasema**
parasema var. *atropurpurea* Flot. = **Lecidella parasema**
promontorii Zahlbr. = **Tephromela promontorii**
rivulosa Ach. (SA records) = **Fuscidea hottentotta**
russula Ach. = **Ramboldia russula**
speirea (Ach.) Ach. = **Porpidia speirea**
squamifera var. *bylii* Zahlbr. = **L. squamifera**
stellenboschiana Vain. = **Megalospora tuberculosa**
tenebricosa (Ach.) Nyl. = **L. erythrophae**
thaleriza Stirt. = **Phyllopsora thaleriza**
vernalis (L.) Ach. = **Biatora vernalis**
vorticosa (Flörke) Körb. = **Carbonea vorticosa**

LECIDELLA Körb. (1855)

aurata Knoph & Leuckert
 elaeochroma (Ach.) M. Choisy
 epichromatica (Zahlbr.) Hertel
 euphorea (Flörke) Hertel
 parasema (Ach.) Arnold
 stigmataea (Ach.) Hertel & Leuckert
 viridans (Flot.) Körb.

Knoph & Leuckert 2000

LEPIDOCOLLEMA Vain. (1890)

brisbanense (C. Knight) P. M. Jørg.

Ekman et al 2014

imbricatulum (Muñ. Arg.) P. M. Jørg.

Ekman et al 2014

marianum (Fr.) P. M. Jørg.

Ekman et al 2014

LEPRARIA Ach. (1803)

glaucella Ach.
 incana (L.) Ach.
 sipmaniana (Kümmerl. & Leuckert) Kukwa
 candelaris (L.) Fr. = **Chrysothrix candelaris**

Brusse 1988e

Leuckert & Kümmerling 1991

LEPROCAULON Nyl. (1879)

albicans (Th. Fr.) Nyl.

Almborn 1987

LEPTOGIUM (Ach.) Gray (1821)

africanum Zahlbr.
 austroamericanum (Malme) C.W. Dodge
 azureum (Sw.) Mont.
 bullatum (Sw.) Mont.
 burgessii (L.) Mont.
 caespitosum (Taylor) Swinscow & Krog
 capense P. M. Jørg. & A.K. Wallace
 chloromeloides Nyl.
 chloromelum (Ach.) Nyl.
 cochleatum (Dicks.) P.M. Jørg. & P. James
 coralloideum (Meyen & Flot.) Vain.
 cyanescens (Pers.) Körb.
 daedaleum Nyl.
 digitatum (A. Massal.) Zahlbr.
 hildenbrandii (Garov.) Nyl.

Galloway 1995

Galloway 1995

Swinscow & Krog 1988,
 Jørgensen 1997

Galloway 1995, Thomas & Bhat 1996
 Thomas & Bhat 1996

Swinscow & Krog 1988

- kraussii (Flot.) Zahlbr.
 marginellum (Sw.) S.F.Gray
 menziesii (Sw.) Mont.
 moluccanum (Pers.) Vain.
 palmatum (Hudson) Mont. Galloway 1995
 (*Scytinium palmatum* (Huds.) Gray)
 phyllo carpum (Pers.) Mont. Thomas & Bhat 1996
 saturninum Nyl.
bullatum var. *dactylinoideum* Nyl. = **L. bullatum**
chloromelum var. *caespitosum* (Taylor) Zahlbr. = **L. caespitosum**
chloromelum var. *crassius* Nyl. = **L. chloromelum**
menziesii f. *fuliginosum* Müll. Arg. = **L. menziesii**
moluccanum var. *simplicata* Vain. = **L. moluccanum**
phyllo carpum var. *coralloideum* (Mey. & Flot.) Hue = **L. coralloideum**
phyllo carpum var. *macro carpum* Nyl. = **L. phyllo carpum**
tremelloides (L.f.) S. F. Gray = **L. cochleatum**
tremelloides var. *azureum* Nyl. = **L. azurum**
- LEPTOTREMA** Mont. & Bosch (1855)
 endoxanthellum Zahlbr.
- LETROUTIA** Hafellner & Bellem. (1982)
 aureola (Tuck.) Hafellner & Bellem.
 domingensis (Pers.) Hafellner & Bellem.
 flavidula (Tuck.) Hafellner
 vulpina (Tuck.) Hafellner & Bellem.
- ***LICHENOCONIUM** Petr. & Syd. (1927)
 *follmanii S.Y. Kondr. & Galloway Kondratyuk & Galloway (1995: 256)
- †**LICHENOTHELIA** D. Hawksw. (1981)
 †intermedia Henssen Henssen 1987
 †tenuissima Henssen Henssen 1987
- LICHINA** C. Agardh (1817)
 macrospora Henssen, Budel & Wessels Henssen et al. 1985
- LICHINELLA** Nyl. (1873)
 stipatula Nyl. Schultz et al. 2009
- LITHOGLYPHA** Brusse (1988)
 aggregata Brusse Brusse 1988a

LITHOGRAPHIA Nyl. (1857)

cerealis Stizenb.

fumida Nyl. (nomen nudum)**LOBARIA** (SCHREB.) HOFFM.)

interspersans (Nyl.) Vain.

isidiosa (Müll. Arg.) Vain.

meridionalis Vain.

patinifera (Taylor) Hue

pulmonaria (L.) Hoffm.

quercizans (Ach.) Michx.

retigera (Bory) Trevis.

scrobiculata (Scop.) P. Gaertn.

pulmonaria f. *hypomela* (Delise) Cromb. = **L. pulmonaria***pulmonaria* f. *papillaris* (Delise) Hue = **L. pulmonaria***pulmonaria* f. *pleurocarpa* Cromb. = **L. pulmonaria***verrucosa* (Huds.) Hoffm. = **L. scrobiculata**

Almborn 1988b

Swinscow & Krog 1988

LOPADIUM Körb. (1855)

woodii (Stizenb.) Zahlbr.

fuscoluteum Mudd. = **Brigantiaea fuscolutea***leucoxanthum* (Spreng.) Zahlbr. = **Brigantiaea leucoxantha***mariae* (Trevis.) Zahlbr. = **Brigantiaea mariae***vulpinum* (Tuck.) Zahlbr. = **Letrouitia vulpinum****LOPEZARIA** Kalb & Hafellner (1990)*versicolor* (Flot.) Kalb & Hafellner = **Megalaria versicolor****MALMIDEA** Kalb, Rivas Plata & Lumbsch (2011)

granifera (Ach.) Kalb, Rivas Plata & Lumbsch

MARONEA A. Massal. (1856)

afroalpina Brusse

constans (Nyl.) Hepp

crassilabra (Müll. Arg.) H. Magn.

Brusse 1989b

MAZOSIA A. Massal. (1854)

melanophthalma (Müll. Arg.) R. Sant.

phyllosema (Nyl.) A. Zahlbr.

Brusse 1991c, Farkas 2004

Santesson 1952

MEGALARIA Hafellner (1984)

intermixta (Nyl.) Kalb.

versicolor (Flot.) Fryday & Lendemer

Fryday & Lendemer 2010

MEGALOSPORA Meyen (1843)

stellenboschiana (Vain.) Zahlbr.

sulphurata Meyen

tuberculosa (Fée) Sipman

versicolor (Flot.) Zahlbr. = **Lopezaria versicolor***sulphurata* var. *nigricans* (Müll Arg.) Riddle = **Megalospora sulphurata**

Galloway 1995, Brusse 1993

MELAMPYLIDIUM Stirt. ex Müll. Arg. (1894)*africanum* (Zahlbr.) Zahlbr.*metabolum* subsp. *africanum* Zahlbr. = **M. africanum** (M. *metabolum* subsp *metabolum* = **Bactrospora**)**MELANELIA** Essl. (1978)

panniformis (Nyl.) Essl.

MELANELIXIA O. Blanco, et al. (2004)

fuliginosa (Lamy) O. Blanco et al.

glabra (Schaer.) O. Blanco et al.

MELANOTHECA Fée (1837)

oculea Stizenb.

MELASPILEA Nyl. (1857)

gemella Nyl.

MICAREA Fr. (1825)

almbornii Coppins

endoviolascens Coppins

melaenida (Nyl.) Coppins

Almborn 1974, Coppins 1999

Coppins 1999

Coppins 1999

MICROPHIALE (Stizenb.) Zahlbr. 1902*lutea* (Dicks.) Zahlbr. = **Coenogonim luteum**†**MICROTHELIA** Körb. (1855)†*confluens* Müll.Arg.*macrocarpoides* Zahlbr. = **Granulopyrenis macrocarpoides***micula* Körb. = **Peridiothelia fuliguncta** (mis-applied name)*uniserialis* Zahlbr. = **Pleurotrema uniseriale****MOELLEROPSIS** Gyeln. (1939)

nebulosa (Hoffm.) Gyeln.

Jørgensen 2003

MYCOBILIMBIA Rehm 1890

sabuletorum (Schreb.) Hafellner = **Bilimbia sabuletorum**

†**MYCOPORELLUM** Müll. Arg. (1884)

†*lahmii* Müll. Arg.

MYELOCHROA (Asahina) Elix & Hale (1987)

aurulenta (Tuck.) Elix & Hale

degelii (Hale) Elix & Hale

perisidians (Nyl.) Elix & Hale

Hale 1976c

Brusse 1988e, Elix & Hale 1987

NAMAKWA Hale 1988

aliphatica Elix = **Xanthoparmelia aliphatica**

exornata (Zahlbr.) Hale = **Xanthoparmelia exornata**

NEOFUSCELIA Essl. 1978

adamantea (Brusse) Elix = **Xanthoparmelia adamantea**

almbornii Henssen = **Xanthoparmelia squamariata**

applicata (Stizenb.) Essl. = **Xanthoparmelia esslingeri**

applicatella Elix = **Xanthoparmelia applicatella**

atroviridis (Essl.) Essl. = **Xanthoparmelia atroviridis**

barda (Brusse) DePriest & B.W. Hale = **Xanthoparmelia barda**

brandwagensis Elix = **Xanthoparmelia brandwagensis**

brussei Elix = **Xanthoparmelia brussei**

cafferensis (Essl.) Essl. = **Xanthoparmelia cafferensis**

caliginosa (Essl.) Essl. = **Xanthoparmelia caliginosa**

ceresella Elix = **Xanthoparmelia ceresella**

conturbata (Müll. Arg.) Essl. = **Xanthoparmelia conturbata**

crustulosa (Essl.) Essl. = **Xanthoparmelia crustulosa**

dregeana (Hampe) Essl. = **Xanthoparmelia dregeana**

esterhuyseniae Essl. = **Xanthoparmelia neoesterhuyseniae**

fissurina (Zahlbr.) Essl. = **Xanthoparmelia fissurina**

foveolata (Essl.) Essl. = **Xanthoparmelia foveolata**

glabrans (Nyl.) Essl. = **Xanthoparmelia glabrans**

glomelliferonica Elix = **Xanthoparmelia glomelliferonica**

imitatrix (Taylor) Essl. = **Xanthoparmelia imitatrix**

lapidula Essl. = **Xanthoparmelia lapidula**

lichinoidea (Nyl. ex Cromb.) Essl. = **Xanthoparmelia lichinoidea**

lineella (Essl.) Essl. = **Xanthoparmelia lineella**

lobarica Elix = **Xanthoparmelia lobarica**

loriloba (Essl.) Essl. = **Xanthoparmelia loriloba**

manina (Brusse) Elix = **Xanthoparmelia manina**

mehalei Essl. = **Xanthoparmelia mehalei**

melancholica (J. Steiner & Zahlbr.) Essl. = **Xanthoparmelia melancholica**

minuta (Essl.) Essl. = **Xanthoparmelia minutella**
nautilomontana (Brusse) Elix = **Xanthoparmelia nautilomontana**
nonreagens Essl. = **Xanthoparmelia neononreagens**
parilis (Brusse) Elix = **Xanthoparmelia violacea**
parviloba (Essl.) Essl. = **Xanthoparmelia parviloba**
polystictica Elix = **Xanthoparmelia polystictica**
princeps (Brusse) DePriest & B.W. Hale = **Xanthoparmelia mucinea**
pristiloba (Brusse) Elix = **Xanthoparmelia pristiloba**
prolixula (Nyl.) Essl. = **Xanthoparmelia prolixula**
pseudepheboides Essl. = **Xanthoparmelia pseudepheboides**
pseudocafferensis Essl. = **Xanthoparmelia pseudocafferensis**
pseudoglabrans Essl. = **Xanthoparmelia pseudoglabrans**
pseudopulla Essl. = **Xanthoparmelia pseudopulla**
pulla (Ach.) Essl. = **Xanthoparmelia pulla**
pyrenaica (Essl.) Essl. = **Xanthoparmelia pyrenaica**
quinonella Elix = **Xanthoparmelia quinonella**
quintarioides Essl. = **Xanthoparmelia quintarioides**
scabrella (Essl.) Essl. = **Xanthoparmelia scabrella**
spesica (Essl.) Essl. = **Xanthoparmelia spesica**
squamans (Stizenb.) Essl. = **Xanthoparmelia squamans**
squamariata (Nyl. ex Cromb.) Essl. = **Xanthoparmelia squamariata**
subhosseana (Essl.) Essl. = **Xanthoparmelia subhosseana**
subimitatrix (Essl.) Essl. = **Xanthoparmelia subimitatrix**
subincerta (Essl.) Essl. = **Xanthoparmelia subincerta**
subsquamariata Elix = **Xanthoparmelia subsquamariata**
substygiodes Essl. = **Xanthoparmelia substygiodes**
trachythallina (Essl.) Essl. = **Xanthoparmelia trachythallina**
verisidiosa (Essl.) Essl. = **Xanthoparmelia verisidiosa**
vernica (Brusse) Elix = **Xanthoparmelia violacea**
verrucella (Essl.) Essl. = **Xanthoparmelia verrucella**
verruculifera (Nyl.) Essl. = **Xanthoparmelia verruculifera**
waboombergensis Essl. = **Xanthoparmelia waboombergensis**
wesselsii Elix = **Xanthoparmelia beckeri**

NEOHEPPIA Zahlbr. (1909)

brasiliensis Zahlbr.

Büdel 1995

NEPHROMA Ach. (1809)

africanum Gyeln.
 capense A. Massal.
 cellulorum Ach.
 flavireagens Gyeln.
 helveticum Ach.

laevigatum Ach.
 tropicum (Müll. Arg.) Zahlbr.
resupinatum Ach. f. *helveticum* Rabenh. = **N. helveticum**

NIEBLA Rundel & Bowler (1978)
 bourgaeana (Mont. ex Nyl.) Rundel & Bowler

NORMANDINA Nyl. (1855)
 pulchella (Borrer) Nyl.

Almborn 1987, Almborn 1988a

OCELLULARIA G. Mey. (1825)

capensis Zahlbr.
 cavata (Ach.) Müll. Arg.
 galactina Zahlbr.
 henatomma (Ach.) Müll. Arg.
capensis var. *feracior* Zahlbr. = **O. capensis**
capensis var. *leiothallina* Zahlbr. = **O. capensis**
diplochistoides Zahlbr. = **Chapsa diplochistoides**

Almborn 1974

OCHROLECHIA A. Massal. (1852)

africana Vain.
 pallescens (L.) A. Massal.
 parella (L.) A. Massal.

OPEGRAPHA Ach. (1809)

adpicta Zahlbr.
 agelaea Fée
 bacillosa Zahlbr.
 capensis Müll. Arg.
 diagraphoides Nyl.
 diaphorella Stizenb.
 exiguella Zahlbr.
 interalbata Nyl.
 lactifera Zahlbr.
 lutulenta Nyl.
 parvula Nyl.
 prosodea Ach.
 semiatra Müll. Arg.
 signatella Vain.
 tapetica Zahlbr.
 zanei A. Massal.
atra Pers. = **Arthonia atra**
bonplandi Fée = **Zwackhia bonplandii**

Egea & Torrente 1996

lyncea (Sm.) Borr. = **Lecanographa lyncea**
polymorpha (Ach.) Tuck. = **Arthonia polymorpha**
prosodea var. *microcarpella* Zahlbr. = **O. prosodea**

PACHYPHIALE Lönnr. (1858)
carneola (Ach.) Arnold = **Gyalecta carneola**
cornea Poetsch = **Gyalecta carneola**

PANNARIA Delise ex Bory (1828)

centrifuga P.M. Jørg.
conoplea (Ach.) Bory
globuligera Hue
hookeri (Borrer) Nyl.
lurida (Mont.) Nyl.
planuscula P.M. Jørg.
rubiginosa (Thunb. ex Ach.) Delise
squamulosa P. M. Jørg.
tavaresii P. M. Jørg.
brisbanensis C. Knight = **Lepidocollema brisbanense**
capensis J. Steiner = **P. lurida**
leucosticta var. *isidiopsis* Nyl. = **Pannaria globulifera**
rubiginosa var. *lanuginosa* (Hoffm.) Zahlbr. = **P. rubiginosa**
rubiginosa var. *phloeodes* (Stirt.) Stizenb. = **P. lurida**

Jørgensen 2003
 Jørgensen 2003
 Jørgensen 2003

Swinscow & Krog 1988, Galloway 1995, Jørgensen 2003
 Jørgensen 2003
 Almborn 1966, Almborn 1988b, Swinscow & Krog 1988, Jørgensen 2003, [Jørgensen 2004](#)
 Jørgensen 2003
 Krog 2000, Jørgensen 2003

PARALECANOGRAPHA Ertz & Tehler (2011)
grumulosa (Dufour) Ertz & Tehler

Egea & Torrente 1996

PARAPARMELIA Elix & J. Johnst. (1986)

agamalis (Brusse) Elix = **Xanthoparmelia agamalis**
asilaris (Brusse) Elix = **Xanthoparmelia asilaris**
dwaasbergensis (Brusse) Elix = **Xanthoparmelia dwaasbergensis**
erebea (Brusse) Elix = **Xanthoparmelia erebea**
fynbosiana Elix = **Xanthoparmelia fynbosiana**
gemmaulifera Elix = **Xanthoparmelia gemmaulifera**
lecanoracea (Müll. Arg.) Elix & J. Johnst. = **Xanthoparmelia lecanoracea**
ividica (Hale) DePriest & B.W. Hale = **Xanthoparmelia lividica**
maritima Elix = **Xanthoparmelia maritima**
molybdiza (Nyl.) Elix & J. Johnst. = **Xanthoparmelia molybdiza**
mongaensis (Elix) Elix & J. Johnst. = **Xanthoparmelia mongaensis**
norlobaridonica T.H. Nash & Elix = **Xanthoparmelia norlobaridonica**
olivetorica T.H. Nash & Elix = **Xanthoparmelia astricta**
owariensis (Asahina) Elix & J. Johnst. = **Canoparmelia owariensis**
pristiloba (Brusse) Elix = **Xanthoparmelia pristiloba**

prolata (Hale) Hale = **Xanthoparmelia prolata**
rodriguesiana (Hue) Elix & J. Johnst. = **Canoparmelia rodriguesiana**
scabrosinita Essl. = **Xanthoparmelia scabrosinita**
tzaneensis Elix = **Xanthoparmelia tzaneensis**
usitata (Brusse) Elix = **Xanthoparmelia usitata**
vernica (Brusse) Essl. = **Xanthoparmelia violacea**
wirthii Elix = **Xanthoparmelia wirthii**

PARMELIA Ach. (1803)

caffrorum Zahlbr.
erumpens Kurok. Hale 1986
keruelensis Wilson Hale 1986, Brusse 1988e
oleagina Stizenb.
omphalodes (L.) Ach.
saxatilis (L.) Ach. Brusse 1993
stenophylloides (Müll. Arg.) Vain.
sulcata Taylor Almborn 1988b
xanthotropa Stirt.
abessinica Nyl. = **Parmotrema abessinicum**
abessinica var. *sorediosa* Müll. Arg. = **Parmotrema hababianum**
abraxas Brusse = **Xanthoparmelia abraxas**
adhaerens Nyl. = **Xanthoparmelia adhaerens**
agamalis Brusse = **Xanthoparmelia agamalis**
aleuriza Vain. ex Lynge = **Punctelia borrieri**
amphixanthoides J. Steiner & Zahlbr. = **Xanthoparmelia amphixanthoides**
amplexa Stirt. = **Flavoparmelia amplexa**
andina Müll. Arg. = **Parmotrema andinum**
antedeluvialis Brusse & Sipman = **Canoparmelia antedeluvialis**
applicata (Stizenb.) Essl. = **Xanthoparmelia esslingeri**
areolata (Hale) Brusse = **Xanthoparmelia areolata**
asilaris Brusse = **Xanthoparmelia asilaris**
assimilis Brusse = **Xanthoparmelia assimilis**
atrachoides Nyl. = **Xanthoparmelia molybdiza**
atroviridis Essl. = **Xanthoparmelia atroviridis**
aurulenta (Tuck.) Hale = **Myelochroa aurulenta**
austrosinensis Zahlbr. = **Parmotrema austrosinensis**
barda Brusse = **Xanthoparmelia barda**
borrieri (Sm.) Turner = **Punctelia borrieri**
borrieri var. *stictica* Delise ex Duby = **Punctelia stictica**
brachyphylla Müll. Arg. = **Xanthoparmelia molybdiza**
brevilobata (Hale) Brusse = **Xanthoparmelia brevilobata**
brunnthaleri f. *irregularis* Gyeln. = **Xanthoparmelia subdecipiens**
brunnthaleri J. Steiner & Zahlbr. = **Xanthoparmelia brunnthaleri**

bylii Vain. ex Lynge = **Punctelia subrudecta**
cafferensis Essl. = **Xanthoparmelia cafferensis**
caperata (L.) Ach. = **Flavoparmelia caperata**
capicola Brusse = **Xanthoparmelia capensis**
cedrus-montana (Brusse) Brusse = **Xanthoparmelia cedrus-montana**
celastri Spreng. = **Ramalina celastri**
centrifuga (L.) Ach. = **Arctoparmelia centrifuga**
ceresina Vain. = **Xanthoparmelia ceresina**
cetrarioides Delise = **Cetrelia cetrarioides**
cetrata Ach. = **Parmotrema cetratum**
cetrata f. *ciliosa* Viaud-Gr.-Mar. = **Parmotrema cetratum**
chionophila Brusse = **Xanthoparmelia chionophila**
chlorea Stizenb. = **Pseudoparmelia chlorea**
citrinireagens Gyeln. = **Xanthoparmelia phaeophana**
citrinireagens var. *angustior* Gyeln. = **Xanthoparmelia phaeophana**
colensoica (T.H. Nash, Elix & J. Johnst.) Brusse = **Xanthoparmelia colensoica**
colorata Gyeln. = **Xanthoparmelia colorata**
concolor Spreng. = **Xanthoparmelia concolor**
concolor var. *multifida* (Flot.) Zahlbr. = **Xanthoparmelia concolor**
concolor var. *platyphylla* (A. Massal.) Zahlbr. = **Xanthoparmelia concolor**
conspersa (Ehrh. ex Ach.) Ach. = **Xanthoparmelia conspersa**
conspersa f. *isidiata* (Anzi) Stizenb. = **Xanthoparmelia conspersa**
conspersa var. *benguellensis* Vain. = **Xanthoparmelia conspersa**
conspersa var. *constrictans* (Nyl.) Müll. Arg. = **Xanthoparmelia constrictans**
conspersa var. *endomiltodes* (Nyl.) Müll. Arg. = **Xanthoparmelia endomiltodes**
conspersa var. *hypoclysta* Nyl. = **Xanthoparmelia sublaevis**
conspersa var. *hypoclystoides* Müll. Arg. = **Xanthoparmelia scabrosa**
conspersa var. *hypomelaena* Vain = **Xanthoparmelia conspersa**
conspersa var. *incisa* (Taylor) Zahlbr. = **Xanthoparmelia tasmanica**
conspersa var. *lacinulata* Gyeln. = **Xanthoparmelia conspersa**
conspersa var. *polyphylla* Müll. Arg. = **Xanthoparmelia conspersa**
conspersa var. *polyphylla* Müll. Arg. = **Flavoparmelia rutidota**
conspersa var. *thamnidiella* (Stirt.) Stizenb. = **Xanthoparmelia molliuscula**
conspersula Nyl. = **Xanthoparmelia conspersula**
conturbata Müll. Arg. = **Xanthoparmelia conturbata**
conturbata var. *exornata* Zahlbr. = **Xanthoparmelia exornata**
cooperi J. Steiner & Zahlbr. = **Parmotrema cooperi**
crinita Ach. = **Parmotrema crinitum**
cristifera Taylor = **Parmotrema cristiferum**
crustulosa Essl. = **Xanthoparmelia crustulosa**
cuprea Pers. = **Xanthoparmelia hottentotta**
defecta Hale = **Parmotrema defectum**
degelii Hale = **Myelochroma degelii**

digitulata f. *mitrovicensis* Gyeln. = **Xanthoparmelia protomatrae**
digitulata Nyl. = **Xanthoparmelia conspersa**
digitulata var. *esaxicola* Gyeln. = **Xanthoparmelia phaeophana**
dilatata Vain. = **Parmotrema dilatatum**
diutina Brusse = **Xanthoparmelia diutina**
domokosii Gyeln. = **Xanthoparmelia domokosii**
dregeana Hampe = **Xanthoparmelia dregeana**
dwaasbergensis Brusse = **Xanthoparmelia dwaasbergensis**
ectype Brusse = **Parmelinopsis ectypa**
emolumenta Brusse = **Xanthoparmelia emolumenta**
encrustans Hale = **Xanthoparmelia perspersa**
epacridea Brusse = **Xanthoparmelia epacridea**
erebea Brusse = **Xanthoparmelia erebea**
esterhuyseniae (Hale) Brusse = **Xanthoparmelia esterhuyseniae**
euneta Stirt. = **Parmotrema eunecta**
eximia Brusse = **Xanthoparmelia competitiva**
fausta Brusse = **Xanthoparmelia fausta**
festiva Brusse = **Xanthoparmelia festiva**
fissurina Zahlbr. = **Xanthoparmelia fissurina**
foveolata Essl. = **Xanthoparmelia foveolata**
frondosa Hale = **Xanthoparmelia frondosa**
geckonalis Brusse = **Xanthoparmelia aleruptens**
glabrans Nyl. = **Xanthoparmelia glabrans**
gracilescens var. *angolensis* Vain. = **Canoparmelia nairobiensis**
granatensis Nyl. = **Bulbothrix granatensis**
hottentotta (Ach.) Ach. = **Xanthoparmelia hottentotta**
hottentotta var. *diachrosta* Stirt. = **Xanthoparmelia hottentotta**
hottentotta var. *pachythalla* Nyl. = **Xanthoparmelia hottentotta**
hottentotta var. *phalacra* Zahlbr. = **Xanthoparmelia hottentotta**
hypoleia Nyl. = **Xanthoparmelia hypoleia**
hypoleia var. *crenata* Nyl. = **Xanthoparmelia hypoleia**
hypoleia var. *tenuifida* Nyl. = **Xanthoparmelia eradicata**
hypoleioides Vain. = **Xanthoparmelia hypoleia**
imitans f. *protoimbricatoides* Gyeln. = **Xanthoparmelia phaeophana**
imitans f. *protoimbricatoides* Gyeln. = **Xanthoparmelia plittii**
imitatrix Taylor = **Xanthoparmelia imitatrix**
infausta Brusse = **Xanthoparmelia infausta**
inops Brusse = **Xanthoparmelia inops**
insignata Stizenb. = **Punctelia borreri**
insignis Brusse = **Xanthoparmelia mongaensis**
insipida Brusse = **Xanthoparmelia insipida**
interrupta Stizenb. = **Xanthoparmelia adhaerens**
inuncta Brusse = **Xanthoparmelia inuncta**

isidiza Nyl. = **Bulbothrix isidiza**
junodii J. Steiner **Parmelinella wallichiana**
laevigata (Sm.) Ach. = **Hypotrachyna laevigata**
latissima Fée = **Parmotrema latissimum**
laxa f. *lacinulata* Gyeln. = **Xanthoparmelia tasmanica**
lecanoracea Müll. Arg. = **Xanthoparmelia lecanoracea**
leptoplaca Brusse = **Xanthoparmelia leptoplaca**
lichinoidea Nyl. ex Cromb. = **Xanthoparmelia lichinoidea**
lineella Essl. = **Xanthoparmelia lineella**
loriloba Essl. = **Xanthoparmelia loriloba**
lucrosa Brusse = **Xanthoparmelia lucrosa**
lugubris Pers. = **Hypogymnia lugubris**
lurida Brusse = **Xanthoparmelia lurida**
lyrigeria Brusse = **Xanthoparmelia lyrigeria**
macleyana Müll. Arg. = **Parmotrema macleyanum**
manina Brusse = **Xanthoparmelia manina**
manina Brusse = **Xanthoparmelia parviloba**
melancholica J. Steiner & Zahlbr. = **Xanthoparmelia melancholica**
mellissii C.W. Dodge = **Parmotrema mellissii**
mesmerizans Brusse = **Xanthoparmelia mesmerizans**
minuta Essl. = **Xanthoparmelia minutella**
mixta Brusse = **Xanthoparmelia paradoxa**
molliuscula Ach. = **Xanthoparmelia molliuscula**
molybdiza Nyl. = **Xanthoparmelia molybdiza**
mougeotii Schaer. = **Xanthoparmelia mougeotii**
mougeotii var. *dealbata* A. Massal. = **Xanthoparmelia xanthomelanella**
musculina Brusse = **Xanthoparmelia musculina**
mutabilis Taylor = **Xanthoparmelia mutabilis**
natalensis J. Steiner & Zahlbr. = **Parmotrema natalensis**
nilgherrensis Nyl. = **Parmotrema nilgherrense**
nimbicola Brusse = **Xanthoparmelia nimbicola**
olivacea (L.) Ach. = **Melanelia panniformis** (SA records)
olivaria (Ach.) Th. Fr. = **Cetrelia olivaria**
omphalodes var. *panniformis* Ach. = **P. omphalodes** (SA records)
oreophila Brusse = **Xanthoparmelia oreophila**
owaniana Stirt. = **Parmotrema cetratum**
parilis Brusse = **Xanthoparmelia violacea**
patula Brusse = **Xanthoparmelia patula**
perfissa J. Steiner & Zahlbr. = **Xanthoparmelia perfissa**
perforata (Jacq.) Ach. = **Parmotrema perforatum**
perforata var. *ciliata* Nyl. = **Canomaculinia uruguensis**
perfuncta Brusse = **Xanthoparmelia natalensis**
perisidiosa Nyl. = **Myelochroa persidians**

perlata (Huds.) Ach. = **Parmotrema perlatum**
perlata var. *ciliata* f. *sorediifera* Müll. Arg. = **Parmotrema perlatum**
perplexa Stizenb. = **Xanthoparmelia perplexa**
perrugata Nyl. = **Xanthoparmelia pulla**
perrugata Nyl. = **Xanthoparmelia neononreagens**
perspersa Stizenb. = **Xanthoparmelia perspersa**
persulphurata Nyl. = **Parmotrema sulphuratum**
phyllodactylaris Brusse = **Xanthoparmelia eruptens**
physodes (L.) Ach. = **Hypogymnia physodes**
pilosa Stizenb. = **Canomaculinia pilosa**
pilosella Hue = **Parmotrema crinitum**
plittii Gyeln. = **Xanthoparmelia plittii**
ponderosa Brusse = **Xanthoparmelia ponderosa**
princeps Brusse = **Xanthoparmelia mucinea**
pristiloba Brusse = **Xanthoparmelia pristiloba**
proboscidea Taylor = **Parmotrema crinitum**
proboscidea var. *sorediifera* Müll. Arg. = **Parmotrema poolii**
prolata (Hale) Hale = **Xanthoparmelia prolata**
prolixa (Ach.) Carroll = **Xanthoparmelia pulla**
prolixa var. *applicata* Stizenb. = **Xanthoparmelia esslingeri**
prolixula Nyl. = **Xanthoparmelia prolixula**
protoquintaria (Hale) Brusse = **Xanthoparmelia protoquintaria**
pseudoconsersa Gyeln. = **Xanthoparmelia molliuscula**
pudens Brusse = **Xanthoparmelia pudens**
putida Brusse = **Xanthoparmelia putida**
putsoa (Hale) Brusse = **Xanthoparmelia putosa**
quercina (Willd.) Vain. = **Parmelina quercina**
quercina f. *cupiseda* Vain.) = **Parmelina quercina**
quintaria = **Xanthoparmelia quintaria**
ralla Brusse = **Xanthoparmelia ralla**
resupina Stirt. = **Parmotrema eciliatum**
reterimulosa J. Steiner & Zahlbr. = **Parmotrema reticulatum**
reticulata Taylor = **Parmotrema reticulatum**
revoluta Flörke = **Hypotrachyna revoluta**
rudecta (Huds.) M. Choisy & Werner = **Punctelia rudecta**
salax Brusse = **Xanthoparmelia applicata**
saniensis (Hale) Brusse = **Xanthoparmelia saniensis**
saxeti Stizenb. = **Xanthoparmelia saxeti**
scabrella Essl. = **Xanthoparmelia scabrella**
scabrosa Taylor = **Xanthoparmelia scabrosa**
schenckiana f. *imperfecta* Gyeln. = **Xanthoparmelia schenckiana**
schenckiana Müll. Arg. = **Xanthoparmelia schenckiana**
schenckiana var. *chalybaeizans* J. Steiner & Zahlbr. = **Xanthoparmelia chalybaeizans**

schreuderiana Gyeln. = **Xanthoparmelia chalybaeizans**
scortea (Ach.) Ach. = **Parmelina tiliacea**
sensibilis J. Steiner & Zahlbr. = **Bulbothrix sensibilis**
sinuosa (Sm.) Ach. = **Hypotrachyna sinuosa**
sitiens Brusse = **Xanthoparmelia sitiens**
soredians Nyl. = **Flavoparmelia soredians**
spesica Essl. = **Xanthoparmelia spesica**
sphaerospora Nyl. = **Relicina limbata**
squamans Stizenb. = **Xanthoparmelia squamans**
squamariata f. *cinerascens* Nyl. = **Xanthoparmelia squamariata**
squamariata Nyl. ex Cromb. = **Xanthoparmelia squamariata**
squamatica Brusse = **Xanthoparmelia mucinea**
standaertii var. *africana* Gyeln. = **Xanthoparmelia standaertii**
steineri Gyeln. = **Xanthoparmelia molliuscula**
stuhlmannii C.W. Dodge = **Parmotrema stuhlmannii**
subaequans Nyl. = **Punctelia borrieri**
subcaperata Kremp. = **Canomaculinia subcaperata**
subcaperatula Nyl. = **Flavoparmelia rutidota**
subconspersa f. *lobulifera* Gyeln. = **Xanthoparmelia hypopsila**
subconspersa Nyl. = **Flavoparmelia rutidota**
subflabellata J. Steiner = **Xanthoparmelia subflabellata**
subhosseana (Essl.) Essl. = **Parmelia subhosseana**
subimitatrix Essl. = **Xanthoparmelia subimitatrix**
sublaevigata Nyl. = **Hypotrachyna sublaevigata**
subquercina Müll. Arg. = **Xanthoparmelia austroafricana**
subrudecta Nyl. = **Punctelia subrudecta**
subschenkiana Gyeln. = **Pseudoparmelia chlorea**
subsINUOSA Nyl. = **Hypotrachyna pulvinata**
suffixa Stirt. = **Bulbothrix suffixa**
supposita Brusse = **Xanthoparmelia supposita**
synestia Stirt. = **Xanthoparmelia synestia**
tantillum Brusse = **Xanthoparmelia inconspicula**
terricola J. Steiner & Zahlbr. = **Xanthoparmelia phaeophana**
terricola J. Steiner & Zahlbr. = **Xanthoparmelia plittii**
texana Tuck. = **Canoparmelia texana**
tinctorum Despr. ex Nyl. = **Parmotrema tinctorum**
toxodes Stirt. = **Punctelia rudecta**
trachythallina Essl. = **Xanthoparmelia trachythallina**
tsekensis (Hale) Brusse = **Xanthoparmelia tsekensis**
tyrrhea Brusse = **Xanthoparmelia tyrrhea**
ubdecipiens Vain. ex Lyngé = **Xanthoparmelia subdecipiens**
umtamvuna (Hale) Brusse = **Xanthoparmelia umtamvuna**
usitata Brusse = **Xanthoparmelia usitata**

vanderbylii Zahlbr. = **Xanthoparmelia vanderbylii**
verecunda Brusse = **Xanthoparmelia verecunda**
verisidiosa Essl. = **Xanthoparmelia verisidiosa**
vernica Brusse = **Xanthoparmelia violacea**
verrucella Essl. = **Xanthoparmelia verrucella**
verruculifera Nyl. = **Xanthoparmelia verruculifera**
worcesteri J. Steiner & Zahlbr. = **Xanthoparmelia worcesteri**
xanthomelaena Müll. Arg. = **Xanthoparmelia xanthomelaena**

PARMELIELLA Müll. Arg. (1862)

coelestina Zahlbr. Jørgensen 1998, Jørgensen 2003
dactylifera P. M. Jørg. Jørgensen 2003, [Jørgensen 2004](#)
furfuracea P. M. Jørg. Jørgensen 2001, Jørgensen 2003
triptophylla (Ach.) Müll. Arg. Doidge 1959
brisbanensis (C. Knight) P.M. Jørg. & D.J. Galloway = **Lepidocollema brisbanense**
corallinoides (Hoffm.) Zahlbr. = **P. triptophylla**
imbricatula (Müll. Arg.) P. M. Jørg. = **Lepidocollema imbricatulum**
lacerata P. M. Jørg. = **Austroparmeliella lacerata** (Ekman *et al.* 2014)
mariana (Fr.) P. M. Jørg. & D. J. Galloway = **Lepidocollema marianum**
plumbea Müll. Arg. = **Pectenium plumbeum**

PARMELINA Hale (1974)

quercina (Willd.) Hale
tiliacea (Hoffm.) Hale
dissecta (Nyl.) Hale = **Parmelinopsis horrescens**
Parmelina horrescens (Taylor) Hale = **Parmelinopsis horrescens**
pilosa (Stizenb.) Hale = **Canomaculinia pilosa**
spathulata (Kurok.) Hale = **Parmelinopsis spathulata**
spumosa (Asahina) Hale = **Parmelinopsis spumosa**
subfatiscens (Kurok.) Hale = **Parmelinopsis subfatiscens**
wallichiana (Taylor) Hale = **Parmelinella wallichiana**

PARMELINELLA Elix & Hale (1987)

wallichiana (Taylor) Elix & Hale Hale 1976c

PARMELINOPSIS Elix & Hale (1987)

ectypa (Brusse) DePriest & B.W. Hale Brusse 1991c, & DePriest & B.W. Hale 1998
horrescens (Taylor) Elix & Hale Hale 1976c
spathulata (Kurok.) Elix & Hale Hale 1976c
spumosa (Asahina) Elix & Hale Hale 1976c
subfatiscens (Kurok.) Elix & Hale Hale 1976c

PARMENTARIA Fée (1825)

capensis Zahlbr.

PARMOTREMA A. Massal. (1860)

abessinicum (Kremp.) Hale
 andinum (Müll. Arg.) Hale
 austrosinense (Zahlbr.) Hale
 blanchetianum (Müll. Arg.) Kalb
 cetratum (Ach.) Hale
 commensuratum (Hale) Hale
 cooperi (J. Steiner & Zahlbr.) Sérus.
 crinitum (Ach.) M. Choisy
 cristiferum (Taylor) Hale
 cryptoxanthum (Abbayes) Hale
 defectum (Hale) Hale
 dilatatum (Vain.) Hale
 direagens (Hale) Hale
 eciliatum (Nyl.) Hale
 eunetum (Stirt.) Hale
 grayanum (Hue) Hale
 hababianum (Gyeln.) Hale
 latissimum (Fée) Hale
 macleyanum (Müll. Arg.) Hale
 mellissii (C.W. Dodge) Hale
 natalensis J. Steiner & Zahlbr.
 nilgherrense (Nyl.) Hale
 perforatum (Jacq.) A. Massal.
 perlatum (Huds.) M. Choisy
 poolii (C. W. Dodge) Krog & Swinscow
 reticulatum (Taylor) M. Choisy
 stuhlmannii (C.W. Dodge) Krog & Swinscow
 sulphuratum (Nees & Flot.) Hale
 tinctorum (Nyl.) Hale
 xanthinum (Müll. Arg.) Hale
chinense (Osbeck) Hale & Ahti = **P. perlatum**
pilosum (Stizenb.) Krog & Swinscow = **Canomaculinia pilosa**
subcaperatum (Kremp.) Hale = **Canomaculinia subcaperata**

Almborn 1988b, Thomas & Bhat 1996
 Almborn 1988b, Thomas & Bhat 1994
 Elix 1993, Elix 1999a
 Hale & Fletcher 1990
 Brusse 1991c

Almborn 1988b

Swinscow & Krog 1988
 Swinscow & Krog 1988, Almborn 1991
 Almborn 1988b
 Swinscow & Krog 1988

Almborn 1988a, Almborn 1988b

Brusse 1988e

Almborn 1988b, Galloway 1995
 Brusse 1991b

Nash & Elix 1987

PECCANIA A. Massal. ex Arnold (1858)

arizonica Herre
 aff. cerebriformis Henssen & Büdel
 aff. fontequeriana P.P. Moreno & Egea
 subnigra (B. de Lesd.) Wetmore

Schultz et al. 2009
 Zedda & Rambold 2004
 Zedda & Rambold 2004
 Schultz et al. 2009

arabica (Müll. Arg.) Henssen - indeterminate

PECTENIA P.M. Jørg., L. Lindblom, Wedin & S. Ekman (2014)

plumbea (Lightf.) P. M. Jørg., L. Lindblom, Wedin & S. Ekman Ekman et al 2014

PELTIGERA Willd. (1787)

africana (Jatta) Swinscow & Krog

Swinscow & Krog 1988

canina (L.) Willd.

Almborn 1988b

didactyla (With.) J.R. Laundon

Verseghy 1962, Almborn 1966

hymenina (Ach.) Delise

malacea (Ach.) Funck

membranacea (Ach.) Nyl.

polydactylon (Neck.) Hoffm.

sorediifera (Nyl.) Vitik.

Vitikainen 2008

canina f. *leucorrhiza* Flörke = **P. canina**

canina f. *membranacea* Duby = **P. membranacea**

erumpens (Taylor) Lange = **P. didactyla**

hazslinszkyi Gyeln. = **P. didactyla**

leptoderma Nyl. = **P. didactyla**

polydactyla (Neck.) Hoffm. = **P. polydactylon**

polydactyla f. *hymenina* (Ach.) Flot. = **P. hymenina**

PELTULA Nyl. (1853)

africana (Jatta) Swinscow & Krog

Büdel 1987

bolanderi (Tuck.) Wetmore

Büdel 1987

boletiformis (Hue) Henssen & Büdel

Büdel 1987

clavata (Kremp.) Wetmore

Büdel 1987

coriacea Büdel

Büdel & Henssen 1986, Büdel 1987, Zedda & Rambold 2004

euploca (Ach.) [Poelt ex Pišút](#)

Büdel 1987

farinosa Büdel

Büdel & Lange 1994, Büdel & Nash 2002

impressa (Vain.) Swinscow & Krog

Büdel 1987, Swinscow & Krog 1988

lingulata (Vain.) Swinscow & Krog

Büdel 1987, Swinscow & Krog 1988

marginata Büdel

Büdel 1987

obscurans (Nyl.) Gyeln.

Büdel 1987

patellata (Bagl.) Swinscow & Krog

Schultz et al. 2009

placodizans (Zahlbr.) Wetmore

Büdel 1987

rodriguesii (Cromb.) Büdel

Büdel 1987, Büdel 1989

tortuosa (Nees) Wetmore
 umbilicata (Vain.) Swinscow & Krog
capensis (Brusse) Büdel = **Corynecystis capensis**
obscurans var. *hassei* (Zahlbr.) Wetmore = **P. obscurans**

Büdel 1987, Swinscow & Krog 1988
 Büdel 1987, Swinscow & Krog 1988

†**PERIDIOTHELIA** D. Hawksw. (1985)

†fuliguncta (Norman) D. Hawksw.

PERTUSARIA DC. (1805)

amara (Ach.) Nyl.
 ambigens (Nyl.) Tuck.
 aperta Stizenb.
 casta Zahlbr.
 chiodectonoides Bagl. ex A. Massal.
 coccodes Nyl.
 commutans Vain.
 cryptostoma Müll. Arg.
 diaziana A. Massal.
 dispersa Vain.
 duplicata Vain.
 elatior Stirt.
 enterostigmoides Zahlbr.
 euglypta Tuck.
 eyelpistia A. Massal.
 flavens Nyl.
 flavicunda Tuck.
 granulata (Ach.) Müll Arg.
 laevigata Arnold
 leioplaca DC.
 leioplacella Nyl.
 leonina Stizenb.
 leucosoroides Nyl.
 limosa Zahlbr.
 melanospora Nyl.
 multiplicans Vain.
 nivea G. Merr.
 orbiculata (Schreb.) Zahlbr.
 pustulata (Ach.) Duby
 spaniostoma Vain.
 subdealbata Nyl.
 subvelatula Vain.
 thiostoma Nyl.
 trypetheliiformis Nyl.

Almborn 1988b

velata (Turner) Nyl.
 vepallida Nyl.
 wawreana A. Massal.
 wawreanoides Nyl.
 wilmsii Stizenb.
 xanthomelaena Müll Arg.
alpina Hepp. = **P. leioplaca**
amara var. *capensis* J. Steiner = **P. amara**
granulata var. *variolarioides* Flot. = **P. granulate**
inquinata (Ach.) Th. Fr. = **P. chiodectonoides**
leioplaca var. *pyncocarpa* Nyl. = **P. leioplaca**
melaleuca (Turn. & Borr.) Duby = **P. pustulata**
variolosa Müll. Arg. (non *P. variolosa* (Kremp.) Vain. = **P. duplicate**

***PHACOPSIS** Tul. (1852)

*australis Aptroot & Triebel
 *falcispora Triebel & Rambold var. *falcispora*
 *oxyspora (Tulasne) Triebel & Rambold
oxyspora var. *fusca* Triebel & Rambold = **P. oxyspora**

Aptroot & Triebel 2002
 Triebel et al. 1995
 Triebel et al. 1995

PHAEOGRAPHINA Müll. Arg. (1882)

caesiopruinosa (Fée) Müll. Arg.
 limbata Müll. Arg.
 subfarinacea (Nyl.) Zahlbr.

PHAEOGRAPHIS Müll. Arg. (1882)

conjungens Zahlbr.
 cryptica Zahlbr.
 inusta (Ach.) Müll. Arg.
 mesographa Müll. Arg.
inusta var. *emergens* Vain. = **P. inusta**

PHAEOPHYSCIA Moberg (1977)

adiestola (Essl.) Essl.
 ciliata (Körb.) Moberg
 confusa Moberg
 endococcina (Körb.) Moberg
 fumosa Moberg
 hirsuta (Mereschk.) Essl.
 hispidula (Ach.) Essl.
 orbicularis (Neck.) Moberg

Moberg 2004

 Moberg 2004
 Moberg 2004
 Moberg 2004
 Thomas & Bhat 1996, Moberg 2004
 Moberg 2004
 Moberg 2004

*PHAEOSPOROBOLUS D. Hawksw. & Hafellner 1986

trypethelii Flakus & Kukwa = **Etayoa trypethelii**

PHLYCTELLA Kremp. (1876)

andensis Nyl.

capillaris (Stirt.) Stizenb.

PHLYCTIDIA Müll. Arg. (1895)

boliviensis (Nyl.) Müll. Arg.

PHLYCTIS (Wallr.) Flot. (1850)

argena Flot.

candida Zahlbr.

PHYLLOPSORA Müll. Arg. (1894)

albicans Müll. Arg.

breviuscula (Nyl.) Müll. Arg.

corallina (Eschw.) Müll. Arg.

furfuracea (Pers.) Zahlbr.

nemoralis Timdal & Krog

pannosa Müll. Arg.

parvifolia (Pers.) Müll. Arg.

parvifoliella (Nyl.) Müll. Arg.

thaleriza (Stirt.) Gotth. Schneider

corallina var. *ochroxantha* (Nyl.) Brako = **P. corallina**

haemophae sensu Brusse 1988e = **P. pannosa**

parvifolia var. *fibrillifera* (Nyl.) Müll. Arg. = **P. parvifolia**

parvifolia var. *pulvinata* J. Steiner = **P. parvifolia**

Timdal & Krog 2001

Timdal & Krog 2001, Almborn 1988a, Almborn 1988b, Galloway 1995

Timdal & Krog 2001

Timdal & Krog 2001

Brusse 1989e

Swinscow & Krog 1988

PHYSCIA (Schreb.) Michx. (1803)

adscendens (Fr.) H. Olivier

affixa Nyl.

aipolia (Ehrh. ex Humb.) Fürnr.

albata (F. Wilson) Hale

alnophila (Vain.) Loht., Moberg, Myllys & Tehler

atrostriata Moberg

biziana (A. Massal.) Zahlbr.

caesia (Hoffm.) Hampe ex Fürnr.

clementei (Turner) Lynge

crispa (Pers.) Nyl.

decorticata Moberg

dilatata Nyl.

dimidiata Nyl.

dubia (Hoffm.) Lettau

Moberg 2004

Moberg 2004

Moberg 2004

Almborn 1988a, Almborn 1988b, Moberg 2004

Moberg 2004

Brusse 1988e

endochrysea Hampe
 erumpens Moberg
 erythrocardia Vain.
 integrata Nyl.
 jackii Moberg
 krogiae Moberg
 poncinsii Hue
 stellaris (L.) Nyl.
 tribacea (Ach.) Nyl.
 tribacoides Nyl.
 undulata Moberg
 venustula Stizenb.

zuluensis Vain. (nom invalid Art. 32.1c - nomen nudum)

adglutinata (Flörke) Nyl. = **Hyperphyscia adglutinata**

aegialita (Ach.) Nyl. (reported as *Physcia aegiliata* (Ach.) Nyl. by Doidge (1950)) = **Dinaria aegialita**

africana Müll Arg. = **Dinaria africana**

aipolia var. *alnophila* Vain. = **P. alnophila**

applanata Zahlbr. = **Dinaria applanata**

clementiana Kickx. = **P. clementei**

crispa f. *melanophthalma* Vain. = **P. crispa**

endococcina (Körb.) Nyl. = **Phaeophyscia endococcina**

integrata var. *obessa* Vain. = **P. integrata**

obscura (Ehrh.) Hampe ex Fűrnr. = **Phaeophyscia ciliata**

obscura var. *chloantha* (Ach.) Rabenh. = **Physciella chloantha**

obscura var. *glaucovirens* Zahlbr. = **Phaeophyscia orbicularis**

picta (Sw.) Nyl. (reported as *picata* (Sw.) Aem & Shear. by Thomas & Bhat 1994) = **Dinaria picta**

picta f. *isidiophora* Nyl. reported as *Physcia picta* f. *isidiifera* Nyl. by Doidge (1950) = **Dinaria isidiophora**

pulverulenta (Schreb.) Hampe = **Physconia distorta**

setosa (Ach.) Nyl. = **Phaeophyscia hispidula**

setosa f. *deminuta* Cromb. = **Phaeophyscia hispidula**

setosa f. *virella* B.deLesd. = **Phaeophyscia hispidula**

subpicta Nyl. = **Dinaria subpicta**

syncolla Tuck. ex Nyl. = **Hyperphyscia syncolla**

PHYSCELLEA Essl. (1986)

chloantha (Ach.) Essl.

PHYSCONIA Poelt (1965)

distorta (With.) J.R. Laundon

grisea (Lam.) Poelt

PHYSMA A. Massal. (1854)

byrsaeum (Ach.) Tuck.

Moberg 2004

Moberg 2004

Moberg 2004

Moberg 2004

Moberg 2004

Almborn 1988b, Thomas & Bhat 1994

Brusse 1988e, Moberg 2004

Moberg 2004

Moberg 2004

Brusse 1988e

Galloway 1995

byrsinum (Ach.) Müll. Arg.
callicarpum Hue

PILOPHORON = PILOPHORUS

aciculare (Ach.) Nyl. = **Pilophorus aciculare**

PILOPHORUS Th. Fr. (1857)

aciculare (Ach.) Th. Fr.

PLACIDIUM A. Massal. (1855)

acarosporoides (Zahlbr.) Breuss
kaernefeltii (Breuss) Breuss
semaforonense (Breuss) Breuss
squamulosum (Ach.) Breuss
tenellum (Breuss) Breuss

Bruess 1993
Bruess 1993
Zedda & Rambold 2004
Bruess 1993, Bruess 1995, Zedda & Rambold 2004
Bruess 1993, Zedda & Rambold 2004

PLACODIUM Hill 1773

thaeodes (A. Massal.) Müll. Arg. = **Acarospora thaeodes**

PLACOPSIS (Nyl.) Linds. (1866)

gelida (L.) Linds.

Almborn 1988b

PLACYNTHIOPSIS Zahlbr. (1932)

africana Zahlbr.

PLATISMATIA W.L. Culb. & C.F. Culb. (1968)

glauca (L.) W. L. Culb. & C. F. Culb.

Kärnefelt 1987b, Almborn 1991

†**PLEUROTREMA** Müll. Arg. (1885)

†*trichosporum* Müll Arg.

†*uniseriale* (Zahlbr.) D. Hawksw.

POELTIARIA Hertel (1984)

corralensis (Räsänen) Hertel
howickensis (Vain.) Rambold & Haiduk
turgescens (Körb.) Hertel
urbanskyana (Zahlbr.) Hertel

Brusse 1988e

Brusse 1989d

Brusse 1989c

POLYBLASTIOPSIS Zahlbr. (1903)

alba (Müll. Arg.) Zahlbr.

transvaalensis (Müll. Arg.) Zahlbr.

POLYCHIDIUM (Ach.) Gray (1821)

dendriscum (Nyl.) Henssen

Brusse 1988e

PORINA ACH. (1809)

albella Müll. Arg.

balanina Brusse

Brusse 1986b

chlorotica (Ach.) Müll. Arg.

dwesica Brusse & Dickinson

Brusse & Dickinson 1991, Farkas 2004

epiphylla (Fée) Fée var. epiphylla

Santesson 1952, Lücking & Vězda 1998, Farkas 2004

epiphyloides Vězda

Farkas, 2004

euryspermum Zahlbr.

fulvella Müll. Arg.

Santesson 1952, Farkas 2004

imitatrix Müll. Arg.

Santesson 1952, Farkas 2004

knysnana Zahlbr.

mazosioides Lücking & Vězda

Farkas, 2004

nitidula Müll. Arg.

Brusse 1988e, Farkas, 2004

palmicola Malcolm & Vězda

Farkas, 2004

tetracerae (Ach.) Müll. Arg.

trichothelioides R. Sant.

Brusse 1991b, Farkas 2004

variegata Fée

ferruginosa Müll. Arg. = **Pyrenowilmsia ferruginosa**

phyllogena Müll. Arg. = **Strigula phyllogena**

POROCYPHUS Körb. (1855)

effiguratus Henssen

Henssen et al. 1985

PORPIDIA Körb. (1855)

albocaerulescens (Wulfen) Hertel & Knoph

crustulata (Ach.) Hertel & Knoph.

flavicunda (Ach.) Gowan

soredizodes (Lamy) J. R. Laundon

Brusse 1993

speirea (Ach.) Kremp.

afromontana Brusse = **Immersaria afromontana**

corralensis (Räsänen) Brusse = **Poeltiaria corralensis**

turgescens (Körb.) Brusse = **Poeltiaria turgescens**

urbanskyana (Zahlbr.) Brusse = **Poeltiaria urbanskyana**

PROTOPARMELIA M. Choisy (1929)

badia (Hoffm.) Hafellner

PSATHYROPHTYCTIS Brusse (1987)

serpentaria Brusse

Brusse 1987c

PSEUDOCYPHELLARIA Vain. (1890)

argyracea (Delise) Vain.
 aurata (Ach.) Vain.
 carpoloma (Delise) Vain.
 clathrata (De Not.) Malme
 crocata (L.) Vain.
 coronata (Müll. Arg.) Malme
 gilva (Ach.) Malme
 intricata (Delise) Vain.
 mougeotiana (Delise) Vain.
 norvegica (Gyeln.) P. James

Almborn 1988a, Almborn 1988b

Almborn 1988a
 Galloway 1995

***PSEUDONITSCHKIA** Coppins & S.Y. Kondr. (1995)

*parmotrematis Coppins & S.Y. Kondr.

Coppins & Kondratyuk 1995

PSEUDOPARMELIA Lyngé (1914)

chapidensis (Lyngé) Hale
 chlorea (Stizenb.) Krog & Swinscow
 convexa Elix & T.H. Nash
 uleana (Müll. Arg.) Elix & T.H. Nash
amplexa (Stirt.) Hale = **Flavoparmelia amplexa**
annexa (Kurok.) Hale = **Xanthoparmelia annexa**
aptata (Kremp.) Hale = **Canoparmelia aptata**
arcana (Kurok.) Hale = **Xanthoparmelia arcana**
basutoensis (Hale) Hale = **Xanthoparmelia basutoensis**
condyloides (Kurok.) Hale = **Xanthoparmelia condyloides**
crozalsiana (B. de Lesd. ex Harm.) Hale = **Canoparmelia crozalsiana**
eruptens (Kurok.) Hale = **Canoparmelia texana**
geesterani (Hale) Hale = **Xanthoparmelia geesterani**
ischnoides (Kurok.) Hale = **Xanthoparmelia ischnoides**
lecanoracea (Müll. Arg.) Hale = **Xanthoparmelia lecanoracea**
prolata (Hale) Hale = **Xanthoparmelia prolata**
pustulescens (Kurok.) Hale = **Canoparmelia pustulescens**
rodriguesiana (Hue) Hale = **Canoparmelia rodriguesiana**
soredians (Nyl.) Hale = **Flavoparmelia soredians**
sphaerospora (Nyl.) Hale = **Relicina limbata**
texana (Tuck.) Hale = **Canoparmelia texana**
tortula (Kurok.) Hale = **Xanthoparmelia tortula**
vanderbylii (Zahlbr.) Hale = **Xanthoparmelia vanderbylii**
violacea (Kurok.) Hale = **Xanthoparmelia violacea**
zimbabwensis (Hale) Hale = **Canoparmelia zimbabwensis**

Elix & Nash 1997
 Elix & Nash 1997
 Elix & Nash 1997
 Elix & Nash 1997

PSEUDOPYRENULA Müll. Arg. (1883)

papulosa (Nyl.) Müll. Arg.

PSORA Hoffm. (1796)cf. *cerebriformis* W.A. Weber*crenata* (Taylor) Reinke*deceptoria* (Nyl.) Flagey*decipiens* (Hedw.) Hoffm.*almborniana* Lumbsch & Kothe = **Eremastrella montana***peltasta* (Stirt.) C.W. Dodge = **L. peltasta***peltulidea* (Stirt.) C.W. Dodge = **L. peltulidea***phalerata* (Stizenb.) C.W. Dodge = **L. phalerata**

Zedda & Rambold 2004

Zedda & Rambold 2004

Almborn 1988b

PSOROMA Ach. ex Michx. (1803)*asperellum* Nyl.*fruticulosum* P. James & Henssen*sphinctrinum* (Mont.) Nyl.Jørgensen 2003, [Jørgensen 2004](#)

Jørgensen 2003

PSOROTHECIOPSIS Rehm (1900)*patellarioides* (Rehm) R. Sant.

Farkas 2004

PTERYGIOPSIS Vain. (1890)*convexa* Henssen, Budel & Wessels*melanophthalma* Henssen, Budel & Wessels*submersa* Budel, Henssen & Wessels

Henssen et al. 1985

Henssen et al. 1985

Henssen et al. 1985

PUNCTELIA Krog (1982)*borreri* (Sm.) Krog*constantimontium* Sérus.*rudecta* (Ach.) Krog*stictica* (Duby) Krog*subrudecta* (Nyl.) Krog

Swinscow & Krog 1988

PYRENOPSIS (Nyl.) Nyl. (1858)*mackenziei* T.A. Jones**PYRENOWILMSIA** R.C. Harris & Aptroot (1991)*ferruginosa* (Müll. Arg.) Aptroot**PYRENULA** Ach. (1814)*aspistea* (Afzel. ex Ach.) Ach.*cinerea* Zahlbr.*knightiana* Müll. Arg.*laevigata* (Pers.) Arnold*mamillana* (Ach.) Trevis.

mastophora (Nyl.) Müll. Arg.
 nitida (Schrad.) Ach.
 nitidella (Flörke ex Schaer.) Müll. Arg.
 obtecta G. Merr.
 pinguis Fée
 pyrenuloides (Mont.) R.C. Harris
 subducta (Nyl.) Müll. Arg.
 subglabriuscula Vain.
 transparens Zahlbr.
 wilmsiana Müll. Arg.
emergens (Müll. Arg.) Vain. = **P. pinguis**
laevigata var. *incusa* (Flot.) Zahlbr. = **P. laevigata**
marginata Hook. = **P. mamillana**
pinguis var. *emergens* (Müll. Arg.) Müll. Arg. = **P. pinguis**
subglabriuscula Vain. var. *natalensis* Vain. = **P. subglabriuscula**

PYRRHOSPORA Körb. 1855

sanguinolenta (Kremp.) Rambold & Hafellner = **Ramboldia sanguinolenta**

PYXINE Fr. (1825)

berteriana (Fée) Imshaug
 cocoes (Sw.) Nyl. Moberg 2004
 eschweileri Vain.
 obscurascens Malme Moberg 2004
 petricola Nyl. Moberg 2004
 reticulata (Vain.) Vain. Brusse 1988e
 soreciata (Ach.) Mont. Moberg 2004
 subcinerea Stirt. Moberg 2004
endoleuca (Müll. Arg.) Vain. = **P. petricola**
meissneri Tuck. = **P. berteriana**
nubila Moberg = **Culbersonia nubila**

RAMALINA Ach. (1809)

angulosa Laurer
 arabum (Dill. ex Ach.) Meyen & Flot.
 arbuscula Stizenb.
 aspera Räsänen Thomas & Bhat 1994
 attenuata (Pers.) Tuck. Versegby 1962
 calicaris (L.) Röhl.
 capensis Th. Fr. Fries 1861, Jürgens & Niebel-Lohmann 1995
 celastri (Sprengel) Krog & Swinscow Galloway 1995, Thomas & Bhat 1994
 complanata (Sw.) Ach. Versegby 1962
 cuspidata (Ach.) Nyl.

denticulata (Eschw.) Nyl.	
ecklonii (Spreng.) Mey. & Flot.	Almborn 1960
farinacea (L.) Ach.	
fastigiata Ach.	
fraxinea (L.) Ach.	
gracilis (Pers.) Nyl.	
inflata (Hook. f. & Taylor) Hook. f. & Taylor	
inflata subsp. perpusilla (Stirt.) G.N. Stevens	
intermedia (Delise ex Nyl.) Nyl.	
lacera (With.) J.R. Laundon	
lanceolata Nyl.	
linearis Ach.	
melanothrix Laurer	Nylander 1860, Rundel & Bowler 1974
peruviana Ach.	Brusse 1988e
pollinaria Ach.	
protensa (Nyl.) Zahlbr.	Verseghy 1962
pusilla Le Prévost	
reducta Krog & Swinscow	Krog & Swinscow 1976
roesleri (Hochst. ex Schaer.) Nyl.	Verseghy 1962
siliquosa (Huds.) A.L. Sm.	
subasperata Nyl.	Verseghy 1962
subfraxinea Nyl.	
tenella Müll. Arg.	Brusse 1988e
usnea (L.) R. Howe	
yemensis (Ach.) Nyl.	
<i>bourgeana</i> Nyl. = Niebla bourgeana	
<i>complanata</i> v <i>paraguayensis</i> (Gyeln.) Szatala = R. complanata	
<i>cuspidata</i> f. <i>implexa</i> Oliv. = R. cuspidata	
<i>geniculata</i> Hook.f. & Taylor = R. inflata	
<i>geniculata</i> var. <i>olivacea</i> Müll. Arg. = R. inflata subsp. perpusilla	
<i>dendriscoides</i> Nyl. = ? R. peruviana	
<i>duriaei</i> Jatta = R. lacera	
<i>farinacea</i> var. <i>squarrosa</i> Müll. Arg. = R. peruviana	
<i>pollinaria</i> f. <i>cariosa</i> Laurer = R. pollinaria	
<i>scopulorum</i> Ach. = R. siliquosa	
<i>scopulorum</i> var. <i>cornuta</i> Ach. = R. siliquosa	
<i>scopulorum</i> var. <i>humilis</i> Schaer. = R. siliquosa	
<i>usnea</i> var. <i>capensis</i> (Nyl.) Zahlbr. = R. usnea	
<i>usnea</i> var. <i>contorta</i> (Flot.) Zahlbr. = R. usnea	
<i>yemensis</i> var. <i>ecklonii</i> (Spreng.) Vain = R. ecklonii	
<i>yemensis</i> f. <i>fenestralis</i> Stizenb. = R. yemenensis	
<i>yemensis</i> var. <i>membranacea</i> (Laurer) Nyl. = R. celastri	
<i>yemensis</i> f. <i>sublinearis</i> Nyl. = R. yemenensis	

yemensis var. *tenuissima* (Mey. & Flot.) Zahlbr. = **R. celastri**

RAMBOLDIA Kantvilas & Elix (1994)

russula (Ach.) Kalb, Lumbsch & Elix

sanguinolenta (Kremp.) Kalb, Lumbsch & Elix

Brusse 1991c

RELICINA (Hale & Kurok.) Hale (1974)

limbata (Laurer) Hale

planiuscula (Kourok.) Hale

Elix 1999a

RHIZOCARPON Ramond ex DC. (1805)

affine G. Merr. (nom. invalid – Art 38.1a.)

badioatrum (Flörke ex Spreng.) Th. Fr.

capense Zahlbr.

disporum (Nägeli ex Hepp) Müll. Arg.

geographicum (L.) DC.

lecanorinum Anders

patellarium (Stizenb.) Zahlbr.

reductum Fr.

superficiale (Schaer.) Vain.

viridiatrum (Wulfen) Körb.

Almborn 1988b

Feuerer 2013

Feuerer 2013

Brusse 1991b

badioatrum var. *alboatrum* Malme (nom. rejic. 56.1) = **R. badioatrum**

disporum var. *montagnei* (Flot.) Zahlbr. = **R. disporum**

geographicum f. *atrovirens* A. Massal. = **R. geographicum**

geographicum f. *intermedium* (Stizenb.) Zahlbr. = **R. geographicum**

obscuratum auct non (Ach.) A. Massal. = **R. reductum**

RIMELIA Hale & A. Fletcher

cetrata (Ach.) Hale & A. Fletcher = **Parmotrema cetratum**

commensurata Hale & A. Fletcher = **Parmotrema commensuratum**

reticulata (Taylor) Hale & A. Fletcher = **Parmotrema reticulatum**

RINODINA (Ach.) Gray (1821)

atroalbida (Nyl.) C.W.Dodge

albocincta Zahlbr.

australiensis Müll.Arg.

capensis Hampe

confragosa (Ach.) Körb.

confragosula (Nyl.) Müll. Arg.

deminutula (Stizenb.) Zahlbr.

ficta (Stizenb.) Zahlbr.

geesteranii H. Mayrhofer

oleae Bagl.

Mayrhofer 1984, Matzer & Mayrhofer 1996

Mayrhofer *et al.* 2014

Matzer & Mayrhofer 1996

Matzer & Mayrhofer 1996

Matzer & Mayrhofer 1996

hueffleriana Müll. Arg.
huillensis Vain. Matzer & Mayrhofer 1996
longisperma Matzer & H. Mayrhofer Matzer & Mayrhofer 1996
microlepidea Müll. Arg.
microphthalma A. Massal. Matzer & Mayrhofer 1996
oxydata s. lat. (A. Massal.) A. Massal. Matzer & Mayrhofer 1996
roboris Arnold
scabidula Matzer & H. Mayrhofer Matzer & Mayrhofer 1996
striatitunicata Matzer & H. Mayrhofer Matzer & Mayrhofer 1996
substellata Müll. Arg. Matzer & Mayrhofer 1996
subtristis (Nyl.) H. Mayrhofer Matzer & Mayrhofer 1996
reagens Matzer & H. Mayrhofer Matzer & H. Mayrhofer 1994
teichophiloides (Stizenb.) Zahlbr.
detecta (Stizenb.) Zahlbr. = **R. oxydata**
dissa (Stirt.) H. Mayrhofer = **Hafellia dissa**
exigua (Ach.) S. F. Gray = **R. ficta** (SA collections)
exiguella (Vain.) H. Magn. = non South Africa species
gennarii Bagl. = **R. oleae**
huefferiana Müll. Arg. Gray = **R. ficta**
oreina (Ach.) A. Massal. = **Dimelaena oreina**
procellarum (A. Massal.) H. Mayrhofer = **Hafellia procellarum**
roboris Arnold = **R. australiensis** (SA collections)
sophodes A. Massal. = non South Africa species
sophodes var. *atroalbida* (Nyl.) Zahlbr. = **R. huillensis**

ROCCELLA DC. (1805)

montagnei Bél.
arnoldii Vain. = **R. montagnei** (SA records)
capensis Follm. = **Rocellina hypomecha**
fuciformis (L.) Lam. & DC. = **R. montagnei** (SA records)
fucoides (Dicks.) Vain. = **R. phycopsis**
hypomecha (Ach.) Bory = **Rocellina hypomecha**
hypomecha var. *benguellensis* (Welw.) Vain. = **Rocellina hypomecha**
linearis var. *guineensis* Vain. = **R. montagnei**
linearis var. *primaria* Vain. = **R. montagnei**
phycopsis Ach. = **R. montagnei** (SA records)
tinctoria DC. = **R. montagnei** (SA records)

ROCCELLINA Darb. (1898)

hypomecha (Ach.) Tehler Almborn 1988a, Almborn 1988b, Follmann et al. 1994

ROCCELLOGRAPHIA J. Steiner (1902)

circumscripta (Taylor) Ertz & Tehler Egea & Torrente 1996

ROPALOSPORA A. Massal. (1860)

lugubris (Sommerf.) Poelt

SARCOGRAPHA Fée (1825)

disjectans (Nyl.) Zahlbr.

SARCOGYNE Flot. (1851)

regularis Körb.

Feuerer 2013

SCLEROPHYTON Eschw. 1824*circumscriptum* (Leight.) Zahlbr. = **Roccellographa cirdumscripta****SCHAERERIA** Körb. (1855)

fuscocinerea (Nyl.) Clauzade & Cl. Roux

Hertel 2001

SCHISMATOMMA Flot. & Körb. ex A. Massal. (1852)

septenarium (Stizenb.) Zahlbr.

SCHIZODISCUS Brusse (1988)

afroalpinus Brusse

Brusse 1988c

SCHISTOPLACA Brusse (1987)

alvearialis Brusse

Brusse 1987g

SIPHULA Fr. (1831)

ceratites (Wahlenb.) Fr.

decumbens Nyl.

dregei (*nomen nudum*)

flavovirens Kantvilas, Zedda & Elix

incructans Vain.

minor Vain.

verrucigera (J. F. Gmel.) R. Sant.

tabularis (Thunb. ex Ach.) Nyl. = **S. verrucigera***torulosa* (Thunb. ex Ach.) Nyl. = **S. decumbens**

Zedda & Rambold 2004

Almborn 1987, Almborn 1988b, Galloway 1995

SOLORINA Ach. (1808)

simensis Flot.

sorediifera Nyl. = **Peltigera sorediifera**

Almborn 1987, Almborn 1988b

SPHAEROPHORUS Pers. (1794)

globosus (Huds.) Vain.

melanocarpus (Sw.) DC. = **Bunodophoron melanocarpum**

Brusse 1991b

SPHINCTRINA Fr. (1825)

anglica Nyl
 fuscescens Nyl.
 meridionalis Stizenb.
 turbinata (Pers.) De Not
microcephala (Sm.) Nyl. = **S. anglica**
gelasinata (Wither) Zahlbr. = **S. turbinata**

SPOROPODIUM Mont. (1851)

xanthleucum (Müll. Arg.) Zahlbr.

Brusse 1991b, Farkas 2004

SQUAMARINA Poelt (1958)

cartilaginea (With.) P. James
aspera (Stizenb.) C.W. Dodge = **Lecanora aspersa**

Galloway 1995

STAUROTHELE Norman (1853)

clopima (Wahlenb.) Th. Fr.

STEGOBOLOUS Mont. (1845)

austroafricanus Frisch
 wrightii (Tuck.) Frisch

Frisch & Kalb 2006

Brusse 1991c

STEREOCAULON Hoffm. (1796)

atlanticum (I.M. Lamb) I.M. Lamb
 claviceps Th. Fr.
 corticatulum Nyl.
 delisei Bory ex Duby
 esterhuyseniae I.M. Lamb
 meyeri Stein
 ramulosum Raeusch.
proximum Nyl. = **S. ramulosum**

Almborn 1987, Swinscow & Krog 1988

Almborn 1987, Sérusiaux 1979, Swinscow & Krog 1988

Almborn 1987, Swinscow & Krog 1988

Almborn 1987

Almborn 1987

Almborn 1987, Swinscow & Krog 1988

STICTA (Schreb.) Ach. (1803_

ambavillaria Ach.
 damicornis (Sw.) Ach.
 fuliginosa (Dicks.) Ach.
 hornemanni Fr.
 limbata Ach.
 subcrocata Gyeln.
 sublimbata (J. Steiner) Swinscow & Krog
 sylvatica Ach.
 tomentosa (Sw.) Ach.

Almborn 1988b

variabilis (Bory) Ach.
 weigelii (Ach.) Vain.
argyracea (Bory) Del. = **Pseudocyphellaria argyracea**
argyracea f. *rigidula* Zahlbr. = **Pseudocyphellaria argyracea**
argyracea var. *aspera* Kremp. = **Pseudocyphellaria argyracea**
argyracea var. *flavescens* Zahlbr. = **Pseudocyphellaria argyracea**
aurata (J.E.Sm. & Sow.) Ach. = **Pseudocyphellaria aurata**
aurata var. *pallens* Nyl. = **Pseudocyphellaria aurata**
carpoloma var. *albocyphellata* Nyl. = **Pseudocyphellaria carpoloma**
clathrata (Trevis.) DeNot. = **Pseudocyphellaria clathrata**
clathrata var. *subhirsuta* Vain. ex Van der Byl = **Pseudocyphellaria clathrata**
crocata (L.) Ach. = **Pseudocyphellaria crocata**
crocata var. *isidalia* Gyeln. = **Pseudocyphellaria crocata**
endochrysea Delise = **Pseudocyphellaria coronata**
gilva Ach. = **Pseudocyphellaria gilva**
gilva var. *angustilobata* Gyeln. = **Pseudocyphellaria gilva**
gilva var. *lanata* Gyeln. = **Pseudocyphellaria gilva**
gilva var. *pseudogilva* Gyeln. = **Pseudocyphellaria gilva**
intricata (Nyl.) Del. = **Pseudocyphellaria intricata**
intricata var. *hesseana* Zahlbr. = **Pseudocyphellaria intricata**
mougeotiana (Nyl.) Del. = **Pseudocyphellaria mougeotiana**
mougeotiana var. *aurigera* Nyl. = **Pseudocyphellaria mougeotiana**
thouarsii Del. = **Pseudocyphellaria norvegica**
weigelii var. *sublimbata* J. Steiner = **S. sublimbata**

STRIGULA Fr. (1823)

actinoplacoides Vain.
 africana Vain.
 argyronema Müll Arg.
 maculata (Cooke & Masee) R. Sant. Brusse 1988e
 nemathora Mont. var. nemathora Santesson 1952, Farkas 2004
 nitidula Mont. Brusse 1991c, Farkas 2004
 obducta (Müll. Arg.) R.C. Harris Santesson 1952, Farkas 2004
 orbicularis Fr. Santesson 1952, Farkas 2004
 pallida Kalchbr.
 phyllogena (Müll. Arg.) R.C. Harris Brusse 1991b
 smaragdula Fr. Almborn 1988b, Santesson 1952, Farkas 2004
 subtilissima (Fée) Müll. Arg. Brusse 1988e
complanata (Fée) Mont. = **S. orbicularis**
complanata var. *virescens* (not in Index Fungorum) = **S. orbicularis**
elegans (Fée) Müll Arg. = **S. smaragdula**
elegans var. *stellata* (Nyl. & Cromb.) R. Sant.) = **S. smaragdula**

SYNALISSA Fr. (1825)
austroafricana Zahlbr.

TAPELLARIA Müll. Arg. (1890)
epiphylla (Müll. Arg.) R. Sant.

TELOSCHISTES Norman (1853)

capensis (L.f.) Müll. Arg.
chrysophthalmus (L.) Th. Fr.
cymbalifer (G. Mey.) Müll. Arg.
exilis (Michx.) Vain.
flavicans (Sw.) Norm.
hypoglaucus (Nyl.) Zahlbr.
perrugosus Müll Arg. em. Almb.
puber (Ach.) Almb.
pulvinaris (Zahlbr.) Almb.
capensis f. *puber* Malme = **T. puber**
costatus (J. Steiner) Hillmann = **T. perrugosus**
chrysophthalmus f. *armatus* (Rabenh.) Hillmann = **T. chrysophthalmus**
chrysophthalmus f. *cinereus* Müll. Arg. = **T. chrysophthalmus**
chrysophthalmus f. *dilatatus* Hillmann = **T. chrysophthalmus**
chrysophthalmus var. *pulvinaris* Zahlbr. = **T. pulvinatus**
chrysophthalmus var. *subpulvinaris* Gyeln. = **T. chrysophthalmus**
exilis var. *dealbatus* Hillmann = **T. exilis**
exilis var. *pulvinatus* Hillmann = **T. exilis**
flavicans var. *croceus* (Ach.) Müll. Arg. = **T. flavicans**
flavicans var. *intermedius* Müll. Arg. = **T. flavicans**
flavicans f. *minor* (Cromb.) Hillmann = **T. exilis**
flavicans var. *puberus* (Ach.) Müll. Arg. = **T. puber**
validus (Müll. Arg.) Hillmann = **T. perrugosus**
verrucosus Hillmann = **T. puber**

TEPHROMELA M. Choisy (1929)
atra (Huds.) Hafellner
promontorii (Zahlbr.) Kalb

THELENELLA Nyl. (1855)
brasiliensis (Müll. Arg.) Vain.
luridella (Nyl.) H. Mayrhofer

THELOPSIS Nyl. (1855)
obscura Egea & Torrente

Brusse 1991c, Farkas 2004

Almborn 1988b, Almborn 1989
Almborn 1988b, Almborn 1989, Versegby 1963
Versegby 1962
Almborn 1989, Galloway 1995
Almborn 1988 Almborn 1989
Almborn 1989, Thomas & Bhat 1994
Swinscow & Krog 1988, Almborn 1989
Almborn 1989
Almborn 1989

Mayrhofer & McCarthy 1991
Mayrhofer 1987

Egea & Torrente 1996

THELOTREMA Ach. (1803)

berkeleyanum (Mont.) Brusse

capense Zahlbr.

leioplacoides Nyl.

lepadinum Ach.

muscigenum Stizenb. = **Topeliopsis muscigena***subtile* Tuck. = **Crutarndina petractoides***wrightii* (Taylor) Nyl. = **Stegobolus wrightii**

Brusse 1988e

THYREA A. Massal. (1856)*otaviana* Brusse = **Digitothyrea rotundata***rotundata* Budel, Henssen & Wessels = **Digitothyrea rotundata****TOMASELLIA** A. Massal. (1856)

africana Zahlbr.

TONINIA A. Massal. (1852)

aromatica (Sm.) A, Massal.

australis Timdal

bumamma (Nyl.) Zahlbr.

caesiopallida (Nyl.) Zahlbr.

cinereovirens (Schaer.) A. Massal.

incretata (Stizenb.) Zahlbr.

lutosa (Ach.) Timdal

nigropallida (Nyl.) Abbayes

aff. ruginosa (Tuck.) Herre

flava Zahlbr. = **Cliostomum flavum***toniniana* (A. Massal.) Zahlbr. = **T. lutosa** (SA records)

Brusse 1993

Timdal 1992, Zedda & Rambold 2004

Almborn 1988b, Swinscow & Krog 1988

Brusse 1993

Brusse 1993, Brusse 1991b, Zedda & Rambold 2004

Zedda & Rambold 2004

TOPELIOPSIS Kantvilas & Vězda (2000)

muscigena (Stizenb.) Kalb

TRAPELIA M. Choisy (1929)

chiodectonoides Brusse

coarctata (Sm.) M. Choisy

rediviva Brusse

Brusse 1987d

Brusse 1991d

TRAPELIOPSIS Hertel & Gotth. Schneid. (1980)

granulosa (Hoffm.) Lumbsch

parilis Brusse

Brusse 1991b

Brusse 1991d

TRICHARIA Fée 1825*albostrigosa* R. Sant. = **Aderkomyces albostrigosus**

TYLOPHORON Nyl. ex Stizenb. (1862)

africanum Vain.

bylii G. Merr. ex van der Byl

***TREMELLA** Dill. ex L. (1753)

*parmeliarum Diederich

Diederich 1996

TRYPETHELIUM Spreng. (1804)

austroafricanum Zahlbr.

eluteriae Spreng.

phlyctaena Fée

TUCKERMANNOPSIS Gyeln. (1933)

chlorophylla (Willd.) Hale

Almborn 1987, Kärnefelt 1987b

UMBILICARIA Hoffm. (1789)

bolusiana Frey

cylindrica (L.) Delise

decussata (Vill.) Zahlbr.

haplocarpa Nyl.

hirsuta (Sw. ex Westr.) Ach.

laevis Pers.

polyphylla (L.) Baumg.

schelpei Frey

subglabra (Nyl.) Frey

umbilicarioides (Stein) Krog & Swinscow

capensis Frey = **Lasallia capensis***dilacerata* Frey = **Lasallia dilacerata***glauca* Stizenb. = **Lasallia glauca***laevis* var. *garsidei* Frey = **U. laevis***membranacea* Laurer = **Lasallia membranacea***pustulata* (L.) Hoffm. f. *minor* Crombie = **Lasallia pustulata***pustulata* var. *papillata* Hampe = **Lasallia pustulata***pustulata* var. *papulosa* (Ach.) Tuck. = **Lasallia papulosa***rubiginosa* Pers. = **Lasallia pustulata**

Frey 1949

Frey 1949

Frey 1949

Frey 1949, Almborn 1987

Frey 1949

Frey 1949

Frey 1949, Swinscow & Krog 1988

Frey 1949

Frey 1949, Swinscow & Krog 1988

Swinscow & Krog 1988

USNEA Dill. ex Adans. (1763)

aequatoriana Motyka

africana Motyka

amplissima Stirt.

articulata (L.) Hoffm. (probably not this species)

australis Fr. (probably not this species)

Motyka 1938

Motyka 1938

baileyi (Stirt.) Zahlbr.
 barbata (L.) F.H. Wigg. (Extremely dubious)
 bornmuelleri J. Steiner
 capensis Motyka (nom. Illegit.),
 cartilaginea Laurer
 complanata (Müll. Arg.) Motyka
 contorta Jatta (dubious)
 cornea Mot.
 cornuta Körb.
 dasaea Stirt.
 dasopoga (Ach.) Röhl. (dubious)
 dasypogoides Nyl.
 delicata Vain.
 densirostra Taylor
 diffracta Vain.
 distensa Stirt.
 exasperata (Müll. Arg.) Motyka
 filamentosa Mot.
 flexilis Stirt.
 florida (L.) Weber ex F.H. Wigg.
 flotowii Zahlbr.
 fusca Motyka
 gonioides Stirt.
 havaasii Motyka
 hirta (L.) Weber ex F.H. Wigg.
 hispida Motyka
 hispidula (Müll. Arg.) Zahlbr.
 horridula (Müll. Arg.) Motyka
 laevis (Eschw.) Nyl.
 liechtensteinii J. Steiner
 longissima Ach.
 maculata Stirt.
 molliuscula Stirt.
 moniliformis Motyka
 mutabilis Stirt.
 nidifica Taylor
 ochrophora (Stizenb.) Motyka
 perplexans Stirt.
 picta (J. Steiner) Motyka
 poliothrix Kremp.
 praelonga Stirt.
 primitiva Motyka
 promontorii Motyka

Brusse 1988e

Motyka 1938

Motyka 1938

Motyka 1938

Brusse 1988e

Motyka 1938

Motyka 1938

Almborn 1960, Swinscow & Krog 1988, Clerc & Herrera-Campos 1997

Motyka 1938

Motyka 1938

Swinscow & Krog 1978, Swinscow & Krog 1988

Motyka 1938

Motyka 1936

Motyka 1938

Motyka 1938, Swinscow & Krog 1988

Motyka 1938

Motyka 1936, Swinscow & Krog 1988, Clerc 1997

Almborn 1960

Motyka 1938, Almborn 1960

Brusse 1988e

Motyka 1938, Swinscow & Krog 1988, Almborn 1991

Motyka 1938

Motyka 1938

Motyka 1936

Brusse 1988e

Motyka 1936

Motyka 1938

Motyka 1938

pulverulenta (Müll. Arg.) Motyka
 pulvinata Fr.
 rubicunda Stirt.
 rubrotincta Stirt.
 solediosula (Müll. Arg.) Motyka
 steineri Zahlbr.
 strigosa (Ach.) Eaton
 strigosella J. Steiner
 subflorida (Zahlbr.) Mot.
 subfloridana Stirt
 subgracilis (Vain.
 subleprosa Mot.
 sublurida Stirt.
 submollis J. Steiner
 sulcata Motyka
 trichina Motyka
 trichodeoides Vain. em. Motyka
 welwitschiana Motyka
articulata f. *minor* Kremp = **U. articulata**
comosa (Ach.) Röhl. = **U. subfloridana**
dasyopoga (Ach.) Röhl. = **U. dasopoga**
flaccida (Müll. Arg.) Motyka (nom. Illegit.), non *U. flaccida* Hoffm. (1796) = **U. exasperata**
florida var. *asperrima* Müll. Arg. - not in Index Fungorum (*U. barbata* var. *asperrima* Müll. Arg. is **U. baileyi**)
florida var. *scabrosa* Vain. = **U. florida**
flotowii var. *subhispida* Zahlbr. = **U. flotowii**
hesperina Motyka (Truong et al. 2013) = **U. subgracilis**
implicata (Stirt.) Zahlbr. = **U. baileyi**
intercalaris Kremp. = **U. nidifica**
leprosa Motyka = **U. hirta**
lurida Stirt. = **U. rubicunda**
plicata (L.) Weber ex F.H. Wigg. = **U. barbata**
rubescens Stirt. var. *rubrotincta* (Stirt.) Motyka = **U. rubrotincta**
rubicunda var. *spilota* (Stirt.) G.N. Stevens = **U. rubicunda**
rubiginea (Michx.) A. Massal. = **U. rubicunda**
spilota Stirt. = **U. rubicunda**
undulata Stirt. = **U. dasaea**

VAINIONORA Kalb (1991)

flavovirens (Fée) Kalb

VERRUCARIA Schrad. (1794)

compacta aggr. (A. Massal.) Jatta
 erodens Müll. Arg.

Swinscow & Krog 1988, Almborn 1960, Almborn 1988b
 Almborn 1974, Almborn 1988b
 Motyka 1938
 Motyka 1938

 Motyka 1938
 Galloway 1995

 Clerc 1997
 Motyka 1938
 Motyka 1938
 Thomas & Bhat 1996
 Motyka 1938
 Motyka 1938
 Almborn 1960
 Brusse 1988e

Zedda & Rambold 2004

microlepidea Zahlbr.
 nigrescens Pers.
 rebellans Zahlbr.
 viridula Ach.

microlepidea var. *hilarior* Zahlbr. = **V. microlepidea**
simulans (Müll. Arg.) Stizenb. = **Arthopyrenia simulans**

XANTHODACTYLON P.A. Duvign. (1941)

alexanderbaai (S.Y. Kondr. & Kärnefelt) S.Y. Kondr.
 & Kärnefelt

Kärnefelt et al 2002a, Kondratyuk et al. 2008

(*Dufourea alexanderbaai* (S.Y. Kondr. & Kärnefelt) Frödén, Arup & Søchting)

flammeum (L.f.) C. W. Dodge

Almborn 1988b

(*Dufourea flammea* (L. f.) Ach.)

turbinatum (Vain.) C.W. Dodge

Kondratyuk et al. 2008

(*Dufourea turbinata* (Vain.) Frödén, Arup & Søchting)

wirthii S.Y. Kondr. & Kärnefelt

Kondratyuk et al. 2008

XANTHOMACULINA Hale 1985

frondosa (Hale) Hale = **Xanthoparmelia fondosa**

hottentotta (Ach.) Hale = **Xanthoparmelia hottentotta**

XANTHOMENDOZA S.Y. Kondr. & Kärnefelt (1997)

mendozae (Räsänen) S.Y. Kondr. & Kärnefelt

Kondratyuk & Kärnefelt 1997

XANTHOPARMELIA (Vain.) Hale (1974)

abraxas (Brusse) Elix

Brusse 1991b, Elix 1997

adamantea (Brusse) O. Blanco et al.

Brusse 1991b, Elix 1997, Esslinger 2000, Blanco et al. 2004

adhaerens (Nyl.) Hale

Elix et al. 1986, Nash & Elix 1987, Swinscow & Krog 1988,
 Hale 1989, Hale 1987b, Hale 1990

adligans (Brusse) G. Amo, et al.

Brusse 1988e, Hale 1989, Amo, et al. 2010

affinis Hale

Hale 1987b, Hale 1990

africana Hale

Hale 1986

afroincerta Elix

Elix 1999c

afrolavicola Hale

Hale 1990

agamalis (Brusse) Elix

Brusse 1989c, Elix 1997, Elix 2003

aggregata M.D.E. Knox

Almborn 1988a, Almborn 1988b, Hale 1990

albomaculata Hale

Hale 1985, Hale 1990

aliphatica Hale

Hale 1986, Hale 1990

aliphaticella A. Thell et al.

Thell et al 2006

almbornii (Hale) Hale

Hale 1971, Hale 1990

amphixanthoides (J. Steiner & Zahlbr.) Hale

Hale 1990, Zedda & Rambold

amplexuloides Hale

Nash & Elix 1987, Hale 1990

annexa (Kurok.) Elix

Hale 1976a

- antleriformis (Elix) Elix & J. Johnst.
 applicata Hale
 applicatella (Elix) O. Blanco
 arcana (Kurok.) Elix
 areolata Hale
 arida Egan & Derstine
 arquata (Brusse) G. Amo, et al.
 asilaris (Brusse) Elix
 assimilis (Brusse) Elix
 astricta (Brusse) Elix
 atroviridis (Essl.) O. Blanco et al.
 atroventralis (Hale) Hale
 ausiana Hale
 australasica D. Galloway
 austroafricana (Stirt.) Hale
 austrocapensis Hale
 azaniensis (Brusse) A. Thell
 bainskloofensis Elix & T.H. Nash
 barda (Brusse) Elix
 barclyensis Hale
 basutoensis (Hale) Elix
 beatricea Hale
 beckeri O. Blanco et al
 bibax (Brusse) Hale
 bicontinens Elix & T.H. Nash
 brandwagensis (Elix) O. Blanco et al.
 brevilobulata Hale
 brunnthaleri (J. Steiner & Zahlbr.) Hale
 brussei (Elix) O. Blanco et al.
 burmeisteri (Elix) Egan
 cafferensis (Essl.) O. Blanco et al.
 caliginosa (Essl.) O. Blanco et al.
 calvinia Hale (?= *X. competitiva* – Brusse1988)
 capensis Hale
 cedri-montana Brusse
 ceresella (Elix) O. Blanco et al.
 ceresensis Hale
 ceresina (Lyngé) Hale
 chalybaeizans (J. Steiner & Zahlbr.) Hale
 chionophila (Brusse) Elix
 cirrhomedullosa Hale
 clivorum (Brusse) Hale
 colensoica T.H. Nash, Elix & J. Johnst.
- Hale 1990
 Hale 1987b, Hale 1990
 Elix 1999b, Blanco et al. 2004
 Hale 1976a
 Hale 1987a, Hale 1990
 Hale 1987a, Hale 1990
 Brusse 1988e, Hale 1989, Amo, et al. 2010
 Brusse 1988d, Elix 1997, Elix 2003
 Brusse 1991b, Elix 1997
 Brusse 1984, Nash & Elix 1987, Brusse 1988e, Elix, 2003
 Esslinger 1977, Esslinger 2000 , Blanco et al. 2004
 Hale 1971, Swinscow & Krog 1988
 Hale 1990
 Elix et al. 1986, Hale 1990
 Swinscow & Krog 1988, Hale 1990
 Hale 1987b, Hale 1990
 Thell et al. 2006, Brusse 1991a
 Elix 2002
 Brusse 1987a, DePriest & B. Hale 1998, Esslinger 2000, Elix 2003
 Hale 1986, Hale 1990
 Hale 1976a
 Hale 1987a, Hale 1990
 Elix 1999b, Blanco et al. 2004
 Brusse 1986a, Hale 1990
 Nash & Elix 1987, Hale 1990
 Elix 1999b, Blanco et al. 2004
 Hale 1987a, Brusse 1989c, Hale 1990, Brusse 1991b
 Hale 1990
 Elix 1997, Blanco et al 2004
 Brusse 1988e, Hale 1990
 Esslinger 1977, Almborn 1988b, Esslinger 2000, Blanco et al. 2004
 Esslinger 1977, Almborn 1988b, Esslinger 2000, Blanco et al. 2004
 Hale 1986, Hale 1990
 Hale 1986, Hale 1990
 Hale 1990, Brusse 1988e
 Elix 1999b, Esslinger 2000, Blanco et al. 2004
 Hale 1986
 Hale 1990
 Hale 1990
 Brusse 1994, Elix 1997
 Hale 1990
 Hale 1990
 Elix & Johnston 1988b, Hale 1990

colorata (Gyeln.) Hale	Hale 1990
competita Hale	Brusse 1986d, Hale 1986, Brusse 1988e, Hale 1990
concolor (Spreng.) Hale	Hale 1990
condyloides (Kurok.) Elix	Hale 1976a
coneruptens Hale	Hale 1990
congensis (Stein) Hale	Nash & Elix 1987, Swinscow & Krog 1988, Hale 1990
conspersa (Ach.) Hale	Brusse 1988e
conspersula (Nyl.) Hale	Hale 1990
constrictans (Nyl.) Hale	Elix et al. 1986, Hale 1990
contrasta Hale	Hale 1987a, Hale 1990
conturbata (Müll. Arg.) O. Blanco, et al.	Esslinger 2000, Blanco et al. 2004
coriacea Hale	Hale 1987a, Hale 1990
crassilobata Hale	Hale 1986, Hale 1990, Zedda & Rambold 2004
cravenii Elix & J. Johnst	Elix 1999a, Elix 2003
crustulosa (Essl.) O. Blanco et al.	Esslinger 1977, Esslinger 2000, Blanco et al. 2004
cumberlandia (Gyeln.) Hale	Hale 1990
denudata Hale	Hale 1986, Hale 1990
diacida Hale	Hale 1986, Hale 1990
diadeta (Hale) Hale	Hale 1971, Swinscow & Krog 1988, Hale 1990
dichromatica (Hale) Hale	Hale 1971, Hale 1990
diffractaica Hale	Hale 1987a, Brusse 1989c, Hale 1990
diutina (Brusse) O. Blanco et al.	Brusse 1993, Blanco et al. 2004
domokosii (Gyeln.) Hale	Hale 1990
domokosioides Elix & T.H. Nash	Elix 1999c
dregeana (Hampe in Nyl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
dubitella Elix	Elix 2002
duplicata Hale	Hale 1986, Hale 1990
dwaasbergensis (Brusse) Elix	Brusse 1989d, Elix 2003
dysprosa Brusse & M.D.E. Knox	Hale 1990
effigurata Hale	Hale 1986, Hale 1990
emolumenta (Brusse) Elix	Brusse 1994, Elix 1997
endochromatica Hale	Hale 1986, Hale 1990
endomiltoides (Nyl.) Hale	Hale 1990
enteroxantha Hale	Hale 1986, Hale 1990
epacridea (Brusse) Elix	Brusse 1993, Elix 1997
epigaea Hale	Hale 1986, Hale 1990, Zedda & Rambold 2004
eradicata (Nyl.) Hale	Elix et al. 1986, Hale 1990
erebea (Brusse) Elix	Brusse 1993, Elix 1997, Elix 2003
eruptens Hale	Hale 1987a
esslingeri O. Blanco et al.	Esslinger 1977, Blanco et al. 2004
esterhuyseniae Hale	Hale 1986, Hale 1990, Brusse 1991b
exornata (Zahlbr.) Brusse & M.D.E. Knox	Hale 1988, Knox & Brusse 1983, Thell et al 2006
fausta (Brusse) Elix	Brusse 1986d, Brusse 1988e, Elix 2003

festiva (Brusse) Elix (?= <i>X. olivetorica</i> – Brusse 1991b)	Brusse 1989e, Brusse 1991b, Elix 1997, Elix 2003
fissurina (Zahlbr.) O. Blanco et al.	Esslinger 1977, Almborn 1991, Esslinger 2000, Blanco et al. 2004
foveolata (Essl.) O. Blanco et al.	Esslinger 1977
frondosa (Hale) A. Thell et al.	Hale 1971, Hale 1985, Thell et al 2006
fucina Hale	Hale 1990
fumarafricana Elix	Elix 1999c
fynbosiana (Elix) Elix	Elix 2001, Elix 2003
ganymedeia (Brusse) G. Amo, et al.	Brusse 1988e, Hale 1989, Amo, et al. 2010
geesterani (Hale) Hale	Hale 1976a, Hale 1990
gemmulifera (Elix & Nash) Elix	Elix 2001, Elix 2003
glabrans (Nyl.) O. Blanco et al.	Esslinger 1977, Esslinger 2000, Blanco et al. 2004
globisidiosa Hale	Hale 1986, Hale 1990
glomelliferonica (Elix) O. Blanco et al.	Elix 1999b, Blanco et al. 2004
greytonensis Hale	Hale 1990
gyrophorica Hale	Hale 1986, Hale 1990
heterodoxa (Hale) Hale	Hale 1971, Hale 1990
hottentotta (Ach.) A. Thell et al.	Almborn 1988b, Galloway 1995, Thell et al. 2006
hybrida Hale	Hale 1986, Brusse 1988e, Hale 1990
hypoleia (Nyl.) Hale	Elix et al. 1986, Almborn 1988a, Almborn 1988b, Swinscow & Krog 1988, Hale 1990
hypoleiella Elix	Elix 2002
hypoprotocetrarica (Kurok. & Elix) Hale	Elix et al. 1986, Nash & Elix 1987, Hale 1990
hypopsila (Müll. Arg.) Hale	Nash & Elix 1987, Hale 1990
hyporhytida (Hale) Hale	Hale 1971, Almborn 1988a, Almborn 1988b, Hale 1990, Zedda & Rambold 2004
ianthina Brusse	Hale 1990
imitatrix (Taylor) O. Blanco et al.	Esslinger 1977, Almborn 1988b, Esslinger 2000, Blanco et al. 2004, Zedda & Rambold 2004
incerta (Kurok. & Filson) Elix & J. Johnst.	Nash & Elix 1987, Hale 1990
inconspicua Hale	Hale 1987a, Hale 1990
indumenica Hale	Hale 1986, Hale 1990
infausta (Brusse) Elix	Brusse 1989e, Elix 1997
inops (Brusse) Elix	Brusse 1989d, Elix 2003
iniquita Elix & J. Johnst.	Nash & Elix 1987, Hale 1990
insipida (Brusse) G. Amo, et al.	Brusse 1986e, Brusse 1988e, Hale 1989, Amo, et al. 2010
inuncta (Brusse) Hale	Brusse 1986d, Hale 1990
ischnoides (Kurok.) Elix	Hale 1976a
isidiigera (Müll.Arg.) Elix & J. Johnst.	Nash & Elix 1987, Hale 1990
karoo M.D.E. Knox & Brusse	Hale 1990
karooensis Hale	Hale 1986, Hale 1990
keralensis Hale	Hale 1987a, Hale 1990
kleinswartbergensis Elix	Elix 2002
knoxii Elix	Elix 1999c

laciniata Hale	Hale 1987a, Hale 1990
lapidula (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
latilobata Hale	Hale 1987a, Hale 1990
laxchalybaeizans Hale	Hale 1987a
laxencrustans Elix & J. Johnst.	Elix et al 1986
lecanoracea (Müll. Arg.) Elix	Hale 1971, Elix 2001, Hale 1976a
leonora (A. Massal.) Hale	Hale 1986, Swinscow & Krog 1988, Almborn 1988a & b, Hale 1990, Zedda & Rambold 2004
leptoplaca (Brusse) G. Amo, et al.	Brusse 1986e, Amo et al. 2010
leucostigma Brusse	Hale 1990
lichinoidea (Nyl.) O. Blanco et al.	Crombie 1876, Esslinger 1977, Almborn 1987, Almborn 1991, Esslinger 2000, Blanco et al. 2004
lineella (Essl.) O. Blanco et al.	Esslinger 1977
lineola (E.C. Berry) Hale	Hale 1990
lividica Hale	Hale 1986, Brusse 1988e
lobarica (Elix) O. Blanco et al.	Elix 1999b, Blanco et al. 2004
lobulifera Hale	Hale 1986, Hale 1990
lobuliferella Elix	Elix 2002
loriloba (Essl.) O. Blanco et al.	Esslinger 1977, Almborn 1988a, Esslinger 2000, Blanco et al. 2004
lucrosa (Brusse) Elix	Brusse 1991b, Elix 1997
luminosa (Elix) Hale	Hale 1990
lurida (Brusse) Elix	Brusse 1988d, Elix 1997
lyrigeria (Brusse) G. Amo, et al.	Brusse 1989d, Elix 1999a, Amo et al. 2010
maculodecipiens Elix	Elix 1999c
magnificans Elix	Elix 1999c
manina (Nyl.Brusse) O. Blanco et al.	Brusse 1993, Elix 1997, Blanco et al 2004
maritima Elix	Elix 1999a, Elix 2003
marroninipuncta (Brusse) Hale	Brusse 1988e, Hale 1990
maxima Hale	Hale 1990
mbabanensis Hale	Hale 1987b, Hale 1990
mehalei (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
melancholica (J. Steiner & Zahlbr.) O. Blanco et al.	Blanco et al. 2004
mesmerizans (Brusse) Elix	Brusse 1994, Elix 1997
microlobulata Hale	Hale 1987b, Hale 1990
micromaculata Elix	Elix 2002
microscopica (Hale) G. Amo, et al.	Hale 1989, Amo, et al. 2010
minuta M.D.E. Knox & Hale	Hale 1986, Hale 1990, Brusse 1991b
minutella O. Blanco et al.	Esslinger 1977, 1978, Blanco et al 2004
mollis Hale	Hale 1986, Hale 1990, Almborn 1988a, Almborn 1988b
molliuscula (Ach.) Hale	Elix et al. 1986, Hale 1990
molybdiza (Nyl.) Elix	Hale 1976a, Elix 1999a
mongaensis (Elix) Elix	Brusse 1986d, Brusse 1988e, Nash & Elix 1987
mougeotii (Schaer.) Hale	Hale 1990, Brusse 1991b

mougeotina (Nyl.) D.J. Galloway
mucinae G. Amo, et al.

multiacida Elix
musculina (Brusse) Elix
mutabilis (Taylor) Hale
namakwa Hale
namaquensis Hale
natalensis Hale
naudesnekia Hale
nautilomontana (Brusse) O. Blanco et al.
neocongensis Hale
neocongruens Hale
neoconspersa (Gyeln.) Hale
neocumberlandia T.H. Nash & Elix
neoesterhuyseniae O. Blanco et al.
neononreagens O. Blanco et al.
neopropagulifera (Gyeln.)Hale
neoreptans Hale
neorimalis (Elix & P.M. Armstr.) Elix & T.H. Nash
neosynestia Hale
neotasmanica Hale
neotumidosa Hale
neoweberi Hale
nigropsoromifera (T.H. Nash) Egan
nimbicola (Brusse) Elix
norlobaridonica (T. H. Nash & Elix) Elix
norlobaronica Hale
obscurata Hale
ochropulchra Hale
olifantensis Hale
olivetorica Hale
oreophila (Brusse) Elix
oribensis Hale
ovealmbornii A. Thell et al.
pachyclada Hale
paradoxa Hale
parviloba (Essl.) O. Blanco et al.
parvoincerta Elix & J. Johnst.
patula (Brusse) Elix
perfissa (J. Steiner & Zahlbr.) Elix
perplexa (Stizenb.) Hale
perrugosa Hale

Elix et al. 1986

Brusse 1986e, Hale 1990, Brusse 1987a, DePriest & B. Hale 1998,
Esslinger 2000, Amo, et al. 2010

Elix 1999c

Brusse 1991b, Elix 1997

Brusse 1988e, Hale 1990, Thomas & Bhat 1994

Hale 1986, Hale 1990

Hale 1986, Hale 1990

Hale 1987a, Brusse 1989c, Hale 1990

Hale 1987b, Hale 1990

Brusse 1993, Elix 1999a, Esslinger 2000, Blanco et al. 2004

Hale 1990

Hale 1990

Elix 2002

Elix 2002

Esslinger 1986, Esslinger 2000, Blanco et al. 2004

Esslinger 1986, Esslinger 2000, Blanco et al. 2004

Hale 1987b, Hale 1990

Hale 1987a, Hale 1990

Nash & Elix 1987, Hale 1990

Hale 1986, Hale 1990

Hale 1986, Hale 1990

Hale 1987b, Hale 1990

Hale 1987a, Hale 1990

Brusse 1988e, Hale 1989

Brusse 1986e

Nash & Elix 1987

Nash & Elix 1987, Hale 1990

Hale 1987b, Hale 1990

Hale 1986, Hale 1990

Hale 1986, Hale 1990

Hale 1986, Brusse 1988e, Hale 1990

Brusse 1991b, Elix 1997

Hale 1986, Hale 1990

Thell et al 2006, Esslinger 1981, Almborn 1987, Almborn 1988a, Almborn 1991

Hale 1987a, Hale 1990

Hale 1997a, Hale 1990

Esslinger 1978, Brusse 1988e, Brusse 1993, Esslinger 2000, Blanco et al. 2004

Hale 1990

Brusse 1984, Brusse 1988e, Elix 2002

Elix 2001, Elix 2003

Hale 1990

Hale 1987a, Hale 1990

<i>perspersa</i> (Stizenb.) G. Amo, et al.	Hale 1989, Amo, et al. 2010
<i>phaeophana</i> (Stirt.) Hale	Hale 1986, Hale 1990
<i>plittii</i> (Gyeln.) Hale	Hale 1990
<i>polystictica</i> (Elix) Blanco et al.	Elix 1999b, Blanco et al. 2004
<i>ponderosa</i> (Brusse) Elix	Brusse 1989e, Elix 1997
<i>pristiloba</i> (Brusse) Elix	Brusse 1984, Elix 1997, Elix 2001, Elix 2003
<i>probarbellata</i> Hale	Hale 1986, Hale 1990
<i>prodomokosii</i> Hale, Elix & J. Johnst.	Elix & Johnston 1988a, Hale 1990
<i>prolata</i> (Hale) Elix	Hale 1976a, Zedda & Rambold 2004
<i>prolixula</i> (Cromb.) O. Blanco et al.	Blanco et al. 2004
<i>protocetrarica</i> (Hale) G. Amo, et al.	Hale 1989, Amo, et al. 2010
<i>protodysprosa</i> Hale	Hale 1987a, Hale 1990
<i>protomatrae</i> (Gyeln.) Hale	Hale 1990
<i>protoquintaria</i> Hale	Hale 1990, Brusse 1994
<i>proximata</i> Hale	Hale 1987a, Hale 1990
<i>pseudepheboides</i> (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
<i>pseudocafferensis</i> (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
<i>pseudocongensis</i> Hale	Hale 1987b, Hale 1990
<i>pseudoglabrans</i> (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
<i>pseudohypoleia</i> (Elix) Elix & J. Johnst.	Nash & Elix 1987, Hale 1990
<i>pseudopulla</i> (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
<i>psornorstictica</i> Hale	Hale 1990
<i>psoromica</i> Hale	Hale 1987b, Hale 1990
<i>psoromifera</i> (Hale) Hale	Brusse 1988e, Hale 1990
<i>pudens</i> (Brusse) Elix	Brusse 1986d
<i>pulla</i> (Ach.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
<i>pustulifera</i> Hale, T.H. Nash & Elix	Hale 1986, Hale 1990
<i>pustulosorediata</i> Hale	Hale 1990
<i>putida</i> (Brusse) Elix	Brusse 1991b, Esslinger 2000, Elix 1997
<i>putsoa</i> Hale	Hale 1987b, Hale 1990, Brusse 1993
<i>pyrenaica</i> (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
<i>quinonella</i> (Elix) O. Blanco et al.	Blanco et al 2004, Elix 1997
<i>quintaria</i> (Hale) Hale	Hale 1971, Hale 1990
<i>quintarioides</i> (Essl.) O. Blanco et al.	Esslinger 2000
<i>ralla</i> (Brusse) G. Amo, et al.	Brusse 1986e, Brusse 1988e, Hale 1989, Amo, et al. 2010
<i>rubromedulla</i> Hale	Hale 1986, Hale 1990
<i>rubropustulata</i> Hale	Hale 1987a, Hale 1990
<i>rugulosa</i> Hale	Hale 1987b, Hale 1990
<i>salamphixantha</i> Hale	Hale 1990
<i>salazinica</i> (Hale) G. Amo, et al.	Hale 1989, Amo, et al. 2010
<i>saleruptens</i> Hale	Hale 1990, Brusse 1989c
<i>saniensis</i> Hale	Brusse 1989c, Hale 1990
<i>saxeti</i> (Stizenb.) G. Amo, et al.	Hale 1989, Amo, et al. 2010

scabrella (Essl.) O. Blanco et al.	Esslinger 1977, Esslinger 1978, Esslinger 2000, Blanco et al. 2004
scabrosa (Taylor) Hale	Elix et al. 1986, Brusse 1988e, Hale 1990
scabrosinita (Essl.) Elix	Esslinger 2000
schenkiana (Müll. Arg.) Hale	Hale 1990
scitula (Brusse) G. Amo, et al.	Brusse 1988e, Hale 1989, Amo, et al. 2010
shebaiensis T. H. Nash & Elix	Nash & Elix 1987, Hale 1990
sigillata (Brusse) Hale	Brusse 1988e, Hale 1990
simulans Hale	Hale 1986, Zedda & Rambold 2004
sipmanii T.H. Nash & Elix	Elix 2002
sitiens (Brusse) Elix	Brusse 1989d, Elix 2003
skyrinifera Hale	Hale 1986, Hale 1990
spargens Hale	Brusse 1988e, Hale 1990
spesica (Essl.) O. Blanco et al.	Esslinger 1977, Blanco et al. 2004
spissa (Brusse) G. Amo, et al.	Brusse 1988d, Brusse 1989c, Hale 1989, Amo, et al. 2010
springbokensis Hale	Hale 1990
squamans (Stizenb.) O. Blanco et al.	Esslinger 1977, Almborn 1988b, Esslinger 2000, Blanco et al. 2004
squamariata (Crombie) O. Blanco et al.	Crombie 1876, Esslinger 1977, Esslinger 1978, Henssen & Titze 1992, Esslinger 2000, Blanco et al. 2004
squamatica Elix & T.H. Nash	Elix 1999c
standaertii (Gyeln.) Hale	Hale 1990
stenosporonica Hale	Hale 1986, Hale 1990
subbullata Hale	Hale 1990
subchalybaeizans (Hale) G. Amo, et al.	Hale 1989, Amo, et al. 2010
subcolorata Hale	Hale 1986, Hale 1990
subconvoluta Hale	Hale 1990
subcrustosa Hale	Hale 1986
subdecipiens (Vain. ex Lynge) Hale	Hale 1990
subdomokosii Hale	Hale 1971, Elix et al. 1986, Hale 1990
suberadicata (Abbayes.) Hale	Elix et al. 1986
subflabellata (J. Steiner) Hale	Hale 1990
subhosseana (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
subimitatrix (Essl.) O. Blanco et al.	Esslinger 1977, Esslinger 2000, Blanco et al. 2004
subincerta (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
sublaevis (Cout.) Hale	Hale 1990
subnigra Hale	Hale 1986, Hale 1990
subochracea Hale	Hale 1986, Hale 1990
subpallida Hale	Hale 1987a, Hale 1990
subpigmentosa Hale	Hale 1990
subplittii Hale	Hale 1987b, Hale 1990
subramigera (Gyeln.) Hale	Nash & Elix 1987, Hale 1990
subruginosa Hale	Hale 1986
subsquamariata (Elix) O. Blanco et al.	Elix 1999b, Esslinger 2000, Blanco et al. 2004
substenophylloides Hale	Hale 1990

substygiodes (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
supposita (Brusse) O. Blanco et al.	Brusse 1994, Elix 1997, Blanco et al, 2004
surrogata Hale	Hale 1986, Hale 1990
swartbergensis Hale	Hale 1987a, Hale 1990
synestia (Stirt.) Hale	Hale 1990
tablensis Hale, T.H. Nash & Elix	Hale 1986, Hale 1990
tasmanica (Hook.f. & Taylor) Hale	Elix et al. 1986, Nash & Elix 1987, Almborn 1988a, Almborn 1988b, Hale 1990
tegeta Elix & J. Johnst.	Elix et al. 1986, Nash & Elix 1987, Hale 1990
tenuiloba Hale	Hale 1987b, Hale 1990
terricola Hale, T. H. Nash & Elix	Hale 1986, Hale 1990
thamnolica Hale	Hale 1986, Brusse 1988e, Hale 1990
toninioides Hale	Hale 1986, Hale 1990
tortula (Kurok.) Elix	Hale 1976a
trachythallina (Essl.) O. Blanco et al.	Esslinger 1977, Esslinger 2000, Blanco et al. 2004
transvaalensis Hale, T. H. Nash & Elix	Hale 1986, Hale 1990
treurensis Hale, T. H. Nash & Elix	Hale 1986, Hale 1990
tsekensis Hale	Hale 1989, Brusse 1991b
tumidosa Hale	Hale 1986, Hale 1990
tyrrhea (Brusse) Elix	Brusse 1993, Elix 1997
tzaneenensis (Elix) Elix	Elix 2001, 2003
umtamvuna Hale	Hale 1987a, Brusse 1989c, Hale 1990
unctula Hale	Brusse 1988e, Hale 1990
usitata (Brusse) Elix	Brusse 1986a, Elix 1997, Elix 2003
vanderbylii (Zahlbr.) Elix	Hale 1976a
vendensis Hale	Hale 1987a, Hale 1990
verecunda (Brusse) Hale	Brusse 1988e, Hale 1990
verisidiosa (Essl.) O. Blanco et al.	Esslinger 1977, Almborn 1988b, Esslinger 2000, Blanco et al. 2004
verrucella (Essl.) O. Blanco et al.	Esslinger 1977, Almborn 1988b, Esslinger 2000, Blanco et al. 2004
verruciformis Elix & J. Johnst.	Nash & Elix 1987, Hale 1990
verrucigera (Nyl.) Hale	Swinscow & Krog 1988, Hale 1990
verruculifera (Nyl.) O. Blanco et al.	Blanco et al. 2004
victoriana Elix & J. Johnst.	Hale 1990
violacea (Kurok.) Elix	Hale 1976a, Brusse 1984, Brusse 1991b, Elix 1997, Esslinger 2000, Elix 2003
viridis Hale	Hale 1986, Hale 1990
waboombergensis (Essl.) O. Blanco et al.	Esslinger 2000, Blanco et al. 2004
waboomburgensis Elix	Elix 2002
weberi Hale	Elix et al. 1986, Hale 1990
wesselsii Hale	Hale 1986, Hale 1990, Almborn 1988a, Almborn 1988b
wirthii (Elix) Elix	Elix 2001, Elix 2003
worcesteri (J. Steiner & Zahlbr.) Hale	Hale 1990
xanthomelaena (Müll. Arg.) Hale	Elix et al. 1986a, Nash & Elix 1987, Hale 1987b, Hale 1990
xanthomelanella Elix	Hale 1990
<i>acrita</i> D. Knox & Hale = X. leonora	

austroamericana Hale = **X. hypopsila**
crateriformis Elix & J. Johnst. = **X. congensis**
interrupta (Stizenb.) Krog & Swinscow = **X. adhaerens**
lesothoensis Hale = **X. diffractaica**
lusitana (Nyl.) Krog = **X. verrucigera**
neopropaguloides Hale = **X. neopropagulifera**
nuwarensis Hale = **X. phaeophana**
squamariatella (Elix) O. Blanco et al. = **X. squamariata**

XANTHORIA (Fr.) Th. Fr. (1861)

aureola (Ach.) Th. Fr.

bonae-spei S. Y. Kondr. & Kärnefelt Kondratyuk et al. 2004

(*Dufourea bonae-spei* (S.Y. Kondr. & Kärnefelt) Frödén, Arup & Søchting)

candelaria (L.) Th. Fr.

(*Polycauliona candelaria* (L.) Frödén, Arup & Søchting)

capensis Kärnefelt, Arup & L. Lindblom

Almborn 1988b, Kärnefelt et al. 1995

(*Dufourea capensis* (Kärnefelt, Arup & L. Lindblom) Frödén, Arup & Søchting)

dissectula S. Y. Kondr. & Kärnefelt

Kondratyuk et al. 2004

(*Dufourea dissectula* (S.Y. Kondr. & Kärnefelt) Frödén, Arup & Søchting)

doidgeae Eichenb., Aptroot & Honegger

Eichenberger, et al. 2007

(*Dufourea doidgeae* (Eichenb., Aptroot & Honegger) Frödén, Arup & Søchting)

elegans (Link) Th. Fr.

Almborn 1988b

(*Rusavskia elegans* Link) S.Y. Kondr. & Kärnefelt)

ectaneoides (Nyl.) Zahlbr.

hirsuta Eichenb., Aptroot & Honegger

Eichenberger, et al. 2007

(*Dufourea hirsuta* (Eichenb., Aptroot & Honegger) Frödén, Arup & Søchting)

inflata Eichenb., Aptroot & Honegger

Eichenberger, et al. 2007, Kondratyuk et al. 2008

(*Dufourea inflata* (Eichenb., Aptroot & Honegger) Frödén, Arup & Søchting)

karrooensis S.Y. Kondr. & Kärnefelt

Kärnefelt et al. 2002a

(*Dufourea karrooensis* (S.Y. Kondr. & Kärnefelt) Frödén, Arup & Søchting)

ligulata (Körb.) P. James

Kondratyuk et al 2009

(*Dufourea ligulata* (Körb.) Frödén, Arup & Søchting)

marlothii Zahlbr.

(*Dufourea marlothii* (Zahlbr.) Frödén, Arup & Søchting)

monofoliola S.Y. Kondr. & Kärnefelt (nom. illegit.)

Kondratyuk et al. 2008

parietina (L.) Th. Fr.

Almborn 1988b, Galloway 1995, Verseghy 1963

sipmanii S.Y. Kondr. & Kärnefelt

Kondratyuk et al. 2008

(*Dufourea sipmanii* (S. Kondr. & Kärnefelt) Frödén, Arup & Søchting)

alexanderbaai S.Y. Kondr. & Kärnefelt = **Xanthodactylon alexanderbaai**

candelaria f. *fibrillosa* Hillmann = **X. candelaria**

candelaria var. *semigranularis* Zahlbr. = **X. candelaria**

flammea (L. f.) Hillmann = **Xanthodactylon flammeum**

parietina f. *albicans* (Müll. Arg.) Hillmann = **Xanthoria parietina**

parietina var. *aureola* (Ach.) Th. Fr. = **X. aureola**
parietina var. *ectanea* (Ach.) J. Kickx f. = **X. parietina**
parietina var. *irregularis* Gyeln. (nom. nud.) = **X. parietina**
parietina var. *macrophylla* (Stizenb.) Hillmann = **X. parietina**
parietina f. *rutilans* Th. Fr. = **X. parietina**
turbinata Vain. = **Xanthodactylon turbinatum**

ZWACKHIA Körb. (1855)
bonplandii (Fée) Ertz

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