

A CHECKLIST OF TASMANIAN LICHENS

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This list records 633 lichen species plus 22 infraspecific taxa in 173 genera from Tasmania and the Bass Strait islands. Fourteen species are new records for Tasmania: *Arthroraphis citrinella*, *Cetraria australiensis*, *Coccotrema porinopsis*, *Hyperphyscia adglutinata*, *Lecanora blanda*, *Neofuscelia verrucella*, *Pertusaria superba*, *Phaeographis australiensis*, *Relicina subnigra*, *Rinodina bischoffii*, *Siphulastrum mamillatum*, *Sphaerophorus imshaugii*, *Stereocaulon gregarium* and *Usnea contexta*. A list of deleted names based on unreliable sources, misidentifications or misinterpretations of early literature is also provided.

Key Words: lichens, Tasmania.

INTRODUCTION

The last checklist dealing exclusively with the lichen flora of Tasmania was published by Wetmore (1963). That work cited all the hitherto published records of Tasmanian species (primarily from 19th-century literature) and listed 421 species in 82 genera. The last two decades have seen a major resurgence in lichenology, and many significant advances in the taxonomy of the Tasmanian flora have hastened the need for a new checklist. For example, many genera and families in the Australian region have been recently revised, including the Caliciales (Tibell 1987), *Cladia* (Filson 1981), *Cladonia* sect. *Cocciferae* (Archer 1988a), *Haematomma* (Rogers 1982, 1985), *Heterodea* (Blackman *et al.* 1973, Filson 1978), *Hypogymnia* (Elix 1979), *Knightiella* (Galloway & Elix 1980), *Leioderma* (Galloway & Jorgensen 1987), *Nephroma* (White & James 1988), *Pannoparmelia* (Bratt *et al.* 1976, Galloway 1978), *Parmelia* (Filson 1982, Galloway & Elix 1983, 1984), *Peltula* (Filson 1988a), *Pyxine* (Rogers 1986), *Ramalina* (Stevens 1987), *Rinodina* (Mayrhofer 1984), *Teloschistes* and *Xanthoria* (Filson 1969), *Umbilicaria* (Blackman *et al.* 1974) and *Xanthoparmelia* (Elix *et al.* 1986). Similarly, unpublished work by A.W. Archer and by D. Verdon has helped to clarify the genera *Cladonia* and *Leptogium* respectively.

Corresponding studies on the New Zealand lichen flora have also had a profound influence on Tasmanian lichenology in revising the taxonomy of many genera which are important in Tasmania. This work includes the pioneer studies of H.H. Allan, W. Martin and J. Murray (see Galloway 1974) as well as more recent work, e.g. *Arthroraphis* (Galloway & Bartlett 1986), *Baeomyces* (Galloway 1980a),

Cladonia (Archer & Bartlett 1986), *Coccocarpia* (Arvidsson & Galloway 1979), the Graphidaceae (Hayward 1977), *Lobaria* (Galloway 1981), *Pseudocyphellaria* (Galloway 1983a, 1985a, 1988; Galloway & James 1977, 1980; Galloway *et al.* 1983; Wilkins & James 1979), *Rinodina* (Mayrhofer 1983), *Stereocaulon* (Galloway 1980b), *Thysanothecium* (Galloway & Bartlett 1983), *Xanthoparmelia* (Galloway 1980c) and the recent *Flora of New Zealand: Lichens* (Galloway 1985b).

Collections from Tasmania have also figured in some recent world monographs, e.g. *Cetraria* (Kärnefelt 1979), *Chrysothrix* (Laundon 1981), *Cladina* (Ahti 1961, 1984), *Coccocarpia* (Arvidsson 1982), *Collema* (Degelius 1974), *Degelia* (Arvidsson & Galloway 1981), the Megalosporaceae (Sipman 1983, 1986), *Metus* (Galloway & James 1987), *Parmelia* (Esslinger 1977, Hale 1988), *Pseudoparmelia* (Hale 1976), *Psoromidium* (Galloway & James 1985), *Relicina* (Hale 1975), *Sphaerophorus* (Ohlsson 1974, Tibell 1987) and *Usnea* subgen. *Neuropogonon* (Walker 1985), as well as in the studies on *Alectoria* (Hawksworth 1972), *Cladonia* (Ahti 1980) and *Gymnoderma* (Yoshimura 1973). This current work is based both on a review of existing 19th-century collections and the study of more recent collections.

New taxa from Tasmania have been published in recent years in the genera *Acarospora* and *Catillaria* (Räsänen 1944), *Arthonia* (Kantvilas & Vezda 1988), *Canoparmelia* (Elix & Johnston 1988), *Cladia* (Kantvilas & Elix 1987), *Cladonia* (Archer 1982, 1984, 1985, 1986, 1987, 1988b), *Diploschistes* (Lumbsch 1987), *Lichina* (Henssen 1969), *Lopadium* (Döbbeler *et al.* 1985), *Menegazzia* (Kantvilas & James 1987), *Parmelina* (Elix & Johnston 1986), *Psoroma* (James &

Henssen 1975), *Pycnothelia* (Galloway & James 1987), *Ramalina* (Stevens 1986), *Roccellina* (Tehler 1983), *Roccellinastrum* (Henssen *et al.* 1982), *Sarrameana* (Vezda & Kantvilas 1988), *Siphulca* (Kantvilas 1987), *Stereocaulon* (Galloway *et al.* 1976), *Xanthoparmelia* (Elix & Johnston 1987) and *Vezdaea* (Döbbeler 1981), whilst the new Tasmanian genera *Conotremopsis* and *Wawea* were published by Vezda (1977) and Henssen & Kantvilas (1985) respectively. Additional new taxa from New Zealand (Galloway 1983b, Martin 1962) also have particular relevance to Tasmania, as do the new species from the Australian mainland published by Archer (1980), Elix (1981a,b), Elix & Johnston (1986), Elix & Stevens (1979), Elix & Armstrong (1983), Filson (1984) and Timdal (1984). New records for Tasmania are given by Bratt & Cashlin (1975, 1976), Filson (1986, 1988b), Filson & Rogers (1979), Elix & Streimann (1982), Hertel (1987), Kantvilas (1985), Kantvilas & James (1987 and in prep.), Kantvilas & Jarman (1988), Kantvilas *et al.* (1985), Lumbsch (1988a) and Petersen & Kantvilas (1986).

Although many of these developments have been incorporated by Filson (1983, 1986, 1988b) into his checklists of the Australian flora, there is considerable argument for maintaining the data for Tasmania separately. Firstly, Tasmania represents a distinct geographical entity and the phyto-geographic affinities of its lichen flora are unique. These affinities are lost when subsumed within the data for a land mass as large and diverse as the Australian continent. Secondly, the increasing importance of lichens in the management and conservation of vegetation systems in Tasmania has generated considerable local demand for a checklist of the island's lichen flora.

It must be emphasised that the present paper does not represent a complete account of this flora. The state of knowledge within different genera and families remains patchy; hence the checklist is a blend of data from recent studies (see above) and information which has remained virtually unchanged since the list of Wetmore (1963), (e.g.

in the genera *Peltigera*, *Pertusaria*, *Physcia*, *Sticta*, *Usnea*). Within these limitations, it represents a *status quo* report which will be updated as new information comes to hand.

METHODS

Names of all lichens previously reported from Tasmania, either in Wetmore (1963) or in subsequent papers (see above), are listed either in the checklist (if they are currently accepted) or in the list of excluded names. As far as practicable, original sources were checked in order to eliminate those records which have arisen through misinterpretation of the original reference. Names which are accepted but which are based solely on uncertain, mostly 19th-century records are followed by a (+). Taxa based on a Tasmanian type specimen are in bold type whilst taxa known only from the Bass Strait islands and not recorded from the Tasmanian mainland are listed in square brackets.

RESULTS

The present checklist contains 633 species plus 22 infraspecific taxa in 173 genera. Twenty-three taxa are known only from the Bass Strait islands. Fourteen species are recorded from Tasmania for the first time, based chiefly on the author's recent collections. These are: *Arthroraphis citrinella*, *Cetraria australiensis*, *Coccotrema porinopsis*, *Hyperphyscia adglutinata*, *Lecanora blanda*, *Neofuscelia verrucella*, *Pertusaria superba*, *Phaeographis australiensis*, *Relicina subnigra*, *Rinodina bischoffii*, *Siphulastrum mamillatum*, *Sphaerophorus imshaugii*, *Stereocaulon gregarium* and *Usnea contexta*. The checklist also includes some non-lichenised fungal genera which have been traditionally associated with the lichens, both taxonomically and ecologically, e.g. *Chaenothecopsis*, *Mycocalicium* and *Lichenothelia*.

CHECKLIST OF TASMANIAN LICHENS

- Acarospora citrina* (Taylor) Zahlbr. ex Rech.
A. tasmanica Räsänen
- Alectoria nigricans* (Ach.) Nyl.
- Arthonia apteropteridis** Kantvilas & Vezda
A. cinereopruinosa Schacrer s. lat.
A. cinnabarina (DC.) Walfr. (+)
A. complanata Fée (+)
A. epipastoides Leighton (+)
A. miserula Nyl. (+)
A. tumidula (Ach.) Ach. (+)
- Arthopyrenia sublitoralis* (Leighton) Arnold (+)
- Arthothelium ilicinum* (Taylor) P. James
A. interveniens (Nyl.) Zahlbr.
A. macrothecium (Fée) Massal. (+)
- Arthroraphis alpina* (Schaerer) R. Sant.
A. citrinella (Ach.) Poelt
- Austroblastenia pauciseptata** (Shirley) Sipman
A. pupa Sipman
- Bacidia buchananii* (Stirton) Hellbom
B. leucocarpa Knight (+)
B. luteola (Schrader) Mudd (+)
B. melasemoides (Jatta) Zahlbr.
 [B. millegrana (Taylor) Zahlbr. (+)]
B. otagoensis (Nyl.) Hellbom var. **tasmanica** (Jatta) Zahlbr.
B. weymouthii (Shirley) Zahlbr.
- Bactrospora dryina* (Ach.) Massal.
- Baeomyces absolutus* Tuck.
B. arcuatus Stirton
B. heteromorphus Nyl. ex Church, Bab. & Mitten
- Bellemerea alpina* (Sommerf.) Clauz. & Roux
- Biatora byssacea** Hampe
- Blastenia carnella* (Nyl.) Müll. Arg. (+)
B. pulcherrima Müll. Arg.
- [*Buellia coniois* (Wahlenb. ex Ach.) Th. Fr.] (+)
B. disciformis (Fr.) Mudd (+)
B. levieri Jatta
 [B. subalbula (Nyl.) Müll. Arg.] (+)
- Calicium abietinum* Pers.
C. adpersum Pers. ssp. **australe** Tibell
C. glaucellum Ach.
C. salicinum Pers.
C. trabinellum (Ach.) Ach.
C. tricolor F. Wilson
- C. victorianum* ssp. (F. Wilson) Tibell **victorianum**
Caloplaca cerinella (Nyl.) Flagey (+)
C. chrysothalma Degelius (+)
C. cinnabarina (Ach.) Zahlbr. (+)
C. citrina (Hoffm.) Th. Fr. (+)
C. cribrosa (Hue) Zahlbr.
C. ferruginea (Huds.) Th. Fr. (+)
C. flavorubescens (Huds.) Laundon (+)
C. holocarpa (Hoffm.) Wade (+)
C. rugulosa (Nyl.) Zahlbr. (+)
C. saxicola (Hoffm.) Nordin (+)
C. sublobulata (Nyl.) Zahlbr. (+)
- Candelariella reflexa* (Nyl.) Lettau
- Canoparmelia norpruinata* Elix & Johnston
- Catapyrenium lachneum* (Ach.) R. Sant.
- Catillaria grossulina** (Stirton) Zahlbr.
C. kelica (Stirton) Zahlbr.
C. tasmanica Räsänen
C. trachonoides (Nyl.) Zahlbr. (+)
C. umbratilis Jatta
- Catinaria grossa* (Pers. ex Nyl.) Vainio
C. laureri (Hepp ex Th. Fr.) Degelius
C. pulverea (Borrer) Vezda & Poelt
- Cetraria australiensis* W. Weber ex Kärnef.
C. chlorophylla (Willd.) Vainio
C. islandica (L.) Ach. ssp. **antarctica** Kärnef.
- Chaenotheca brachypoda* (Ach.) Tibell
C. brunneola (Ach.) Müll. Arg.
C. carthusiae (Harm.) Lettau
C. chrysocephala (Turn. ex Ach.) Th. Fr.
C. ferruginea (Turn. ex Sm.) Migula
C. gracillima (Vainio) Tibell
C. hispidula (Ach.) Zahlbr.
C. stemonea (Ach.) Müll. Arg.
C. trichialis (Ach.) Th. Fr.
- Chaenothecopsis debilis* (Turn. & Borrer ex Sm.) Tibell
C. haematopus Tibell
C. nigra Tibell
C. pusilla (Ach.) A. Schmidt
C. sagenidii Tibell
C. savonica (Räsänen) Tibell
C. tasmanica Tibell
C. viridireagens (Nádv.) A. Schmidt
- Chiodecton colensoi* (Massal.) Müll. Arg.
- Chrysothrix candelaris* (L.) Laundon
- Cladia aggregata* (Sw.) Nyl.
C. fuliginosa R. Filson

C. inflata (F. Wilson) D. Galloway
C. moniliformis Kantvilas & Elix
C. retipora (Labill.) Nyl.
C. schizopora (Nyl.) Nyl.
C. sullivanii (Müll. Arg.) Martin

Cladina confusa (R. Sant.) Follm. & Ahti
C. mitis (Sandst.) Hustich
C. tasmanica (Ahti) Ahti

Cladonia angustata Nyl.
C. bimberiensis Archer
C. capitellata (J.D. Hook. & Taylor) Church. Bab. var. *capitellata*
C. capitellata var. *interhianscens* (Nyl.) Sandst.
C. capitellata var. *squamatica* Archer
C. cervicornis ssp. *verticillata* (Hoffm.) Ahti
C. chlorophaea (Flörke) Sprengel
C. coniodendroides F. Wilson (type material not located, species unknown)
C. corniculata Ahti & Kashiwadani
C. cornuta (L.) Hoffm.
C. crispata (Ach.) Flotow
C. cryptochlorophaea Asahina
C. ecmocyna Leighton
C. fimbriata (L.) Fr.
C. floerkeana (Fr.) Flörke
C. furcata (Huds.) Schrader
C. gracilis (L.) Willd. ssp. *tenerrima* Ahti
C. humilis (With.) Laundon var. *humilis*
C. humilis var. *bourgeanica* Archer
C. krempelhuberi Vainio
C. kuringaiensis Archer
C. merochlorophaea Asahina
C. murrayi W. Martin
C. ochrochlora Flörke
C. paeminosa Archer
C. pertriosa Krempelh.
C. pleurota (Flörke) Schaerer
C. praetermissa Archer
C. pyxidata (L.) Hoffm.
C. ramulosa (With.) Laundon
C. rigida (J.D. Hook. & Taylor) Hampe var. *rigida*
C. rigida var. *acuta* (Taylor) Archer *ined.*
C. sarmentosa (J.D. Hook. & Taylor) Dodge
C. scabriuscula (Delise) Leighton
C. southlandica W. Martin
C. staufferi des Abb.
C. subdigitata Vainio
C. sulcata Archer var. *sulcata*
C. sulcata var. *wilsonii* (Archer) Archer
C. tessellata Ahti & Kashiwadani
C. weymouthii F. Wilson ex Archer

Clathroporina eminentior (Nyl.) Müll. Arg. (+)

Cliostomum griffithii (Sm.) Coppins

Coccocarpia erythroxyli (Sprengel) Swinsc. & Krog
C. palmicola (Sprengel) Arvidsson & D. Galloway

Coccotrema cucurbitula (Mont.) Müll. Arg.
C. porinopsis (Nyl.) Imshaug ex Yoshimura

Coelocaulon aculeatum (Schreber) Link

Coenogonium implexum Nyl.

Collema coccophorum Tuck.
C. crispum (Huds.) Weber
C. durietzii Degelius
C. fasciculare (L.) Wigg. var. *fasciculare*
C. fasciculare var. *colensoi* Church. Bab.
C. flaccidum (Ach.) Ach.
C. glaucophthalmum Nyl. var. *glaucophthalmum*
C. glaucophthalmum var. *implicatum* (Nyl.) Degelius
C. laeve J.D. Hook. & Taylor var. *laeve*
C. laeve var. *senecionis* (F. Wilson) Degelius
C. leucocarpum J.D. Hook. & Taylor
C. quadriloculare F. Wilson var. *quadriloculare*
C. quadriloculare var. *tasmaniae* F. Wilson
C. subconveniens Nyl.
C. subflaccidum Degelius

Conotremopsis weberiana Vezda

Crocynia gossypina (Sw.) Massal. (+)

Cystocoleus niger (Huds.) Hariot

Degelia durietzii Arvidsson & D. Galloway
D. gayana (Mont.) Arvidsson & D. Galloway

Dendriscoaulon dendriothamnodes Dughi in D. Galloway

Dictyonema sericeum (Sw.) Berkley

Dimerella lutea (Dickson) Trevis.

Diploicia canescens (Dickson) Massal.

Diploschistes muscorum (Scop.) R. Sant ssp. *bartlettii* Lumbsch

D. ocellatus (Vill.) Norman
D. scruposus (Schreber) Norman
D. sticticus (Körber) Müll. Arg.

[*Diplotomma alboatrum* (Hoffm.) Flotow (+)]

Dirinaria picta (Sw.) Clem. & Shear

Ephebe fruticosa Henssen (type locality erroneously given as Grosse River, Tasmania by Henssen (1963); locality is in N.S.W.)
E. lanata (L.) Vainio

Eremastrella crystallifera (Taylor) G. Schneider

[*Flavoparmelia euplecta* (Stirton) Hale]
F. haysomii (Dodge) Hale
***F. rutidota* (J.D. Hook. & Taylor) Hale**
 [*F. soredians* (Nyl.) Hale]

Fulgensia fulgens (Sw.) Elenkin (+)
F. subbracteata (Nyl.) Poelt (+)

Fuscidea absolodes (Nyl.) Hertel & V. Wirth

Graphis angustata Eschw. (+)
G. insidiosa (Knight & Mitten) J.D. Hook.
G. scripta (L.) Ach.

Gyalecta jenensis (Batsch) Zahlbr. (+)

Gyalidea hyalinescens (Nyl.) Vezda

Haematomma infuscum (Stirton) R.W. Rogers
H. sorediatum R.W. Rogers

Heterodea muelleri (Hampe) Nyl.

Heterodermia comosa (Eschw.) Follm. & Redon (+)
 [*H. hypoleuca* (Ach.) Trevis. (+)]
 [*H. japonica* (Sato) Swinsc. & Krog. (+)]
H. microphylla (Kurok.) Swinsc. & Krog
H. obscurata (Nyl.) Trevis.
H. speciosa (Wulf.) Trevis. (+)

Hyperphyscia adglutinata (Flörke) Mayrhofer & Poelt

Hypocenomyce australis Timdal
H. foveata Timdal

***Hypogymnia billardierei* (Mont.) R. Filson**

H. enteromorphoides Elix
H. kosciuskoensis Elix
H. lugubris (Pers.) Krog var. *lugubris*
H. lugubris var. *compactior* (Zahlbr.) Elix
H. lugubris* var. *sublugubris* (Müll. Arg.) Elix
***H. mundata* (Nyl.) Rassad.**
***H. pulverata* (Nyl.) Elix**
H. subphysodes (Krempelh.) Filson var. *subphysodes*
H. subphysodes var. *austerodioides* Elix
H. tubularis (Taylor) Elix
H. turgidula (Bitter) Elix

Hypotrachyna laevigata (Sm.) Hale (+)
H. reducens (Nyl.) Hale
H. revoluta (Flörke) Hale
H. sinuosa (Sm.) Hale

***Knightiella splachnirima* (J.D. Hook. & Taylor)
 Gyelnik**

***Laurera megasperma* (Mont.) Zahlbr. var. *tasmanica*
 (Jatta) Zahlbr.**

Lecanactis abietina (Ach.) Körber
L. subfarinosa (Knight) Hellbom (+)

***Lecania vallatula* Jatta**

***Lecanora atrella* Jatta**

L. blanda Nyl.
L. broccha Nyl.
L. caesiorubella Ach. (+)
L. carpinea (L.) Vainio (+)
L. cenisia Ach. (+)
L. lineolata Müll. Arg. (+)
L. rupicola (L.) Zahlbr. (+)
L. subfusca (L.) Ach. (+)
 [*L. varia* (Hoffm.) Ach. (+)]

***Lecidea aniptiza* Stirton f. *intersociella* Stirton**

L. canorufescens Krempelh. (+)
***L. cera-rufa* (Shirley) Zahlbr.**
L. contigua Fr. (+)
L. coromandelica Zahlbr.
L. elabens Fr. (+)
L. enteroleuca Ach. (+)
***L. flindersii* Crombie**
***L. hypersporella* Stirton**
L. hypnorum Libert
L. immarginata R. Br. ex Crombie
***L. laeta* Stirton**
***L. lampra* Stirton**
***L. leptocarpa* Nyl. ex Church. Bab. & Mitten**
L. leptoloma Müll. Arg. (+)
L. minutula Müll. Arg. (+)
***L. stuartii* Hampe**
***L. subnexa* Stirton**
***L. subtectata* Stirton**
L. turgidula Fr. (+)

Lecidella elaeochroma (Ach.) Choisy

Leioderma amphibolum (Knight) D. Galloway & P.M. Jørg.
L. duplicatum (Müll. Arg.) D. Galloway & P.M. Jørg.
L. pycnophorum Nyl.
L. sorediatum D. Galloway & P.M. Jørg.

Lepraria incana (L.) Ach.
L. lobificans Nyl.

Leprocaulon arbuscula (Nyl.) Nyl.
L. microscopicum (Vill.) Gams ex D. Hawksw.

Leproloma membranacea (Dickson) Vainio

Leptogium biloculare F. Wilson
L. coralloideum (May. & Flot.) Vainio
L. cyanescens (Ach.) Körber
L. limbatum F. Wilson
L. menziesii (Sm. ex Ach.) Mont.
L. pecten F. Wilson
***L. tasmanicum* F. Wilson**
L. victorianum F. Wilson

Leptotrema lepadodes (Tuck.) Zahlbr. (+)
***L. lepadodes* var. *endochrysoides* (Jatta) Zahlbr.**

[Lichenothelia solitarioides Henssen]*Lichina confinis* (O.F. Müll.) Agardh***L. tasmanica* Henssen***Lobaria scrobiculata* (Scop.) DC.*Lopadiurn bifurum* (Nyl.) Zahlbr. (+)*L. disciforme* (Flotow) Poelt & Vezda***L. hepaticola* Döbbele, Poelt & Vezda***Maronea constans* (Nyl.) Hepp*Megaloblastenia marginiflexa* (J.D. Hook. & Taylor)
Sipman***Megalospora biclipea* (Shirley) Zahlbr.** (type lost
(Kantvilas 1988); best referred to *Catinaria s. lat.*)*M. campylospora* (Stirton) Sipman*M. gompholoma* (Müll. Arg.) Sipman ssp. *fuscolineata*
Sipman***M. lopadioides* Sipman***M. subtuberculosa* (Knight) Sipman*Melampilidium metabolum* (Nyl.) Müll. Arg. (+)*Melanelia subglabra* (Räsänen) Esslinger***Melaspilea circumserpens* Nyl.***M. gemella* (Eschw.) Nyl. (+)*Menegazzia aeneofusca* (Müll. Arg.) R. Sant.*M. bullata* (Stirton) Bitter***M. caesiopruinosa* P. James***M. caliginosa* P. James & D. Galloway***M. confusa* P. James***M. eperforata* P. James & D. Galloway*M. globulifera* R. Sant.***M. inactiva* P. James & Kantvilas*****M. minuta* P. James & Kantvilas***M. nothofagi* (Zahlbr.) P. James & D. Galloway*M. platytrema* (Müll. Arg.) R. Sant.***M. retipora* (Stirton) Bitter*****M. subbullata* P. James & Kantvilas***M. subpertusa* P. James & D. Galloway*M. testacea* P. James & D. Galloway*M. ultralucens* P. James & D. Galloway***M. weindorferi* (Zahlbr.) R. Sant.***Metus conglomeratus* (F. Wilson) D. Galloway & P.
James*Micarea prasina* Fr.***M. prasinella* (Jatta) M. Lamb***Microcalicium arenarium* (Hampe ex Massal.) Tibell*M. conversum* Tibell*Microthelia analiza* (Stirton) Zahlbr. (+)*Miltidea ceroplasta* (Church. Bab.) D. Galloway &
Hafellner*Multiclavula mucida* (Pers.) R.H. Petersen*M. vernalis* (Schw.) R.H. Petersen*Mycocalicium albonigrum* (Nyl.) Tibell*M. subtile* (Pers.) Szat.*M. victoriae* (C. Knight ex F. Wilson) Tibell*Mycoporellum obscurum* (Pers.) A.L. Smith (+)[*Neofuscelia glabrans* (Nyl.) Esslinger]*N. imitatrix* (Taylor) Esslinger***N. loxodella* (Esslinger) Esslinger***N. pulla* (Ach.) Esslinger*N. stygioides* (Nyl. ex Crombie) Esslinger*N. verrucella* (Esslinger) Esslinger*Neophyllis melacarpa* (F. Wilson) F. Wilson*Nephroma australe* Richard*N. cellulosum* (Ach.) Ach. var. *cellulosum**N. rufum* (Church. Bab.) P. James*Normandina pulchella* (Borrer) Nyl.*Ochrolechia frigida* (Sw.) Lyngé*O. pallescens* (L.) Massal. (+)*O. parella* (L.) Massal. (+)***O. weymouthii* Jatta*****Opegrapha agelaena* Jatta***O. stellata* Knight*Pannaria fulvescens* (Mont.) Nyl.*P. immixta* Nyl.*P. mariana* (Fr.) Müll. Arg. (+)*P. pezizoides* (Web.) Trevis.*P. rubiginosa* (Thunb. ex Ach.) Delise (+)*Pannoparmelia angustata* (Pers. in Gaud.) Zahlbr.*P. wilsonii* (Räsänen) D. Galloway*Paraparmelia conranensis* (Elix) Elix & Johnston*P. lithophiloides* (Kurok.) Elix & Johnston[*P. mongaensis* (Elix) Elix & Johnston]*Parmelia cunninghamii* Crombie*P. erumpens* Kurok.*P. protosulcata* Hale***P. pseudorelicina* Jatta** (type not located; unlikely to
belong to *Parmelia s. strict.*)*P. salcrambidiocarpa* Hale*P. signifera* Nyl.*P. sulcata* Taylor***P. tenuirima* J.D. Hook. & Taylor***P. testacea* Stirton*Parmeliella microphylla* (Sw.) Müll. Arg. (+)*P. nigrocincta* (Mont.) Müll. Arg.*P. rubiginascens* (Nyl.) Müll. Arg. (+)[*P. subgranulata* D. Galloway & P.M. Jørg.]

- Parmelina labrosa* (Zahlbr.) Elix & Johnston
P. stevensiana Elix & Johnston
- Parmelinopsis afrorevoluta* (Krog & Swinsc.) Elix & Hale
P. horrescens (Taylor) Elix & Hale (+)
P. spumosa (Asahina) Elix & Hale (+)
P. subfatiszens (Kurokawa) Elix & Hale
- Parmentaria gregalis* (Knight) Müll. Arg. (+)
- Parmotrema chinense* (Osbeck) Hale & Ahti
 [*P. cristiferum* (Taylor) Hale]
P. reticulatum (Taylor) Choisy
P. subcaperatum (Krempelh.) Hale (+)
- Peltigera canina* (L.) Willd. (+)
P. canina f. *leucorrhiza* (Flörke) Flörke (+)
***P. degenii* Gyelnik f. *tasmaniae* Gyelnik**
P. didactyla (With.) Laundon
P. dolichorrhiza (Nyl.) Nyl.
P. horizontalis (Huds.) Baumg. (+)
P. membranacea (Ach.) Nyl. (+)
P. polydactyla (Neck.) Hoffm. (+)
P. pusilla (Fr.) Körber (+)
P. rufescens (Weis) Humb. (+)
- Peltula euploca* (Ach.) Poelt ex Ozenda & Clauz.
- Pertusaria aggregata* Müll. Arg. (+)
P. alpina Hepp ex Ahles
P. commutata Müll. Arg. (+)
***P. gibberosa* Müll. Arg.**
P. lacerans Müll. Arg. (+)
P. leucostoma (Bernh.) Mass. (+)
P. meridionalis Müll. Arg. var. *xanthostoma* Müll. Arg. (+)
P. novaezelandiae Szat.
P. ornata Müll. Arg. (+)
P. paratropa Müll. Arg. (+)
***P. pertractata* Stirton**
P. superba Zahlbr.
P. truncata Krempelh.
P. trytheliformis (Nyl.) (+)
- Phaeographis australiensis* Müll. Arg.
P. exaltata (Mont. & v.d. Bosch) Müll. Arg.
- Phaeophyscia endococcinoides* (Poelt) Esslinger
P. orbicularis (Neck.) Moberg
- Phlyctis subuncinata* Stirton
- Phyllopsora congregans* (Zahlbr.) D. Galloway
P. parvifolia (Pers.) Müll. Arg. (+)
- Physcia adscendens* (Fr.) Oliver
P. aipolia (Ehrh. ex Humb.) Fűrnr. (+)
 [*P. alba* (Fée) Müll. Arg. (+)]
P. albata (F. Wilson) Hale (+)
 [*P. albicans* (Pers.) Thomson (+)]
- P. caesia* (Hoffm.) Fűrnr.
P. clementei (Sm.) Lyngé
P. stellaris (L.) Lyngé
 [*P. tribacia* (Ach.) Nyl. (+)]
- Physconia grisea* (Lam.) Poelt (+)
- Physma chilense* Hue
- Placopsis cribellans* (Nyl.) Räsänen
P. gelida (L.) Lindsay
P. parellina (Nyl.) Lamb
P. parellina f. *microphylla* Lamb
P. perrugosa (Nyl.) Nyl.
P. rhodocarpa (Nyl.) Wetmore
P. trachyderma (Krempelh.) P. James var. *clavifera* (Lamb) P. James
- Placynthium nigrum* (Huds.) S.F. Gray
- Porina leptaleina* (Nyl.) Müll. Arg.
- Protoblastenia rupestris* (Scop.) J. Steiner
- Protoparmelia badia* (Hoffm.) Hafellner (+)
***P. petraeoides* (Nyl. ex Hue) Hertel**
- Pseudophebe pubescens* (L.) Choisy
- Pseudocyphellaria ardesiaca* D. Galloway
P. argyrea (Delise) Vainio
P. aurata (Sm.) Vainio
***P. billardierei* (Delise) Räsänen**
P. colensoi (Church. Bab.) Vainio
P. coronata (Müll. Arg.) Malme
P. crocata (L.) Vainio
P. dissimilis (Nyl.) D. Galloway & P. James
P. faveolata (Delise) Malme
P. glabra (J.D. Hook. & Taylor) Dodge
P. granulata (Church. Bab.) Malme
P. insculpta (Stizenb.) D. Galloway
P. intricata (Delise) Vainio
P. multifida (Nyl.) D. Galloway & P. James
P. neglecta (Müll. Arg.) Vainio
***P. rubella* (J.D. Hook. & Taylor) D. Galloway & P. James**
- Psilolechia clavulifera* (Nyl.) Coppins
P. lucida (Ach.) Choisy
***P. purpurascens* Coppins & Purvis**
- Psora decipiens* (Hedw.) Hoffm. (+)
- Psoroma allorhizum* (Nyl.) Hue (+)
P. asperellum Nyl.
P. durietzii P. James & Henssen
P. euphyllum Nyl.
P. hirsutulum Nyl. ex Crombie (+)
P. hypnorum (Vahl) S.F. Gray
P. leprolomum (Nyl.) Räsänen
P. microphyllizans (Nyl.) D. Galloway

P. paleaceum (Fr.) Nyl.
P. pallidum Nyl. (+)
P. pholidowides (Nyl.) Trevis.
P. pholidoum (Mont.) Müll. Arg. (+)
***P. soccatum* R.Br.**
P. sphinctrinum (Mont.) Nyl. (+)
P. xanthomelanum Nyl. (+)

Psoromidium aleuroides (Stirton) D. Galloway
P. versicolor (J.D. Hook. & Taylor) D. Galloway

Punctelia borrii (Sm.) Krog
***P. subflava* (Taylor) Elix & Johnston**
P. subrudecta (Nyl.) Krog

Pycnothelia caliginosa D. Galloway & P. James

***Pyrenopsis tasmanica* Nyl.**

***Pyrenula chloroplaca* Shirley**
***P. galactina* (Shirley) Kantvilas**
P. kunthii (Fée) Fée (+)

Pyrgillocarpon indicum (Krempelh.) Nádv. in Tibell

Pyxine nubila Moberg

Ramalea cochleata Müll. Arg.

Ramalina caespitella N. Stevens
 [R. *canariensis* Steiner]
R. celastris (Sprengel) Krog & Swinsc. ssp. *celastris*
***R. celastris* ssp. *ovalis* (J.D. Hook. & Taylor) N. Stevens**
R. fimbriata Krog & Swinsc.
R. fissa (Müll. Arg.) Vainio
R. glaucescens Krempelh.
R. inflata (J.D. Hook. & Taylor) J.D. Hook. & Taylor
 ssp. *inflata*
R. inflata ssp. *australis* N. Stevens
R. unilateralis F. Wilson
***R. whinrayi* N. Stevens**

Ramalodium succulentum Nyl.

Relicina limbata (Laurer) Hale
R. subnigra Elix & Johnson

Rhizocarpon badioatrum (Flörke ex Sprengel) Th.Fr. f.
atroalbum (L.) Malme (+)
R. geographicum (L.) DC.
R. petraeum (Wulfen) Massal. (+)

***Rinodina asperata* (Shirley) Kantvilas**
R. bischoffii (Hepp) Massal.
***R. brattii* Mayrhofer**
R. conradii Körber
***R. dissa* (Stirton) Mayrhofer**
R. exigua (Ach.) S.F. Gray (+)
R. gennarii Bagl.
R. murrayi Mayrhofer
R. occulta (Körber) Sheard

R. peloleuca (Nyl.) Müll. Arg.
R. procellarum (Massal.) Mayrhofer
R. subcrustacea (Müll. Arg.) Zahlbr.
***R. tasmanica* Mayrhofer**
R. thiomela (Nyl.) Müll. Arg.

[*Roccellina expectata* Tehler]

Roccellinastrum neglectum Henssen & Vobis

Sagenidium molle Stirton

***Sarrameana tasmanica* Vezda & Kantvilas**

***Schismatomma congerens* (Nyl.) Zahlbr.**

Scoliciosporum pruinatum (P. James) Vezda

Siphula complanata (J.D. Hook. & Taylor) R. Sant.

S. decumbens Nyl.

***S. foliacea* D. Galloway**

***S. fragilis* (J.D. Hook. & Taylor) J. Murray**

***S. jamesii* Kantvilas**

Siphulastrum mamillatum (J.D. Hook. & Taylor) D. Galloway

S. triste Müll. Arg.

Sphaerophorus imshaugii Ohlsson in D. Galloway

S. insignis Laurer

S. macrocarpus Ohlsson in D. Galloway

S. melanocarpus (Sw.) DC.

S. murrayi Ohlsson in Tibell

S. notatus Tibell

S. patagonicus (Dodge) Ohlsson in D. Galloway

S. ramulifer Lamb

S. scrobiculatus (Church. Bab.) Sato

S. tener Laurer

Sphinctrina leucopoda Nyl.

S. tubaeformis Massal.

Stephanocyclos henssenianus Hertel

Stereocaulon caespitosum Redinger

S. corticatum Nyl. var. *corticatum*

S. corticatum var. *humile* (Müll. Arg.) Lamb

S. corticatum var. *subcorticatum* (Räsänen) Lamb

S. gregarium Redinger

S. ramulosum (Sw.) Räscher

***S. trachyphloeum* Lamb**

S. vesuvianum Pers.

Sticta damaecornis (Sw.) Ach. (+)

S. fuliginosa (Dickson) Ach.

S. limbata (Sm.) Ach.

S. macrophylla Delise (+)

S. querzicans Delise (+)

S. stipitata Knight

S. subcaperata (Nyl.) Nyl. (+)

S. sublimbata (Steiner) Swinsc. & Krog

- S. sylvatica* (Huds.) Ach. (+)
S. weigelii (Ach.) Vainio (+)
Synalissa cancellata F. Wilson (+)
Teloschistes chrysophthalmus (L.) Th. Fr.
T. flavicans (Sw.) Norm.
T. sieberianus (Laurer) Hillm.
***T. spinosus* (J.D. Hook. & Taylor) J. Murray**
T. spinosus f. *subteres* R. Filson
T. velifer F. Wilson
T. velifer f. *nodulosa* (J. Murray) R. Filson]
Tephromela atra (Huds.) Hafellner
Thamnolia vermicularis (Sw.) Ach. ex Schaerer var.
vermicularis
T. vermicularis var. *subuliformis* (Ehrh.) Schaerer
Thelotrema decorticans Müll. Arg.
T. lepadinum (Ach.) Ach.
T. subdenticulatum (Zahlbr.) G. Salisb.
***T. subgranulosum* Jatta**
Thysanothecium hookeri Mont. & Berk.
T. scutellatum (Fr.) D. Galloway
Tonia bullata (Meyen & Flotow) Zahlbr.
T. microlepis (Müll. Arg.) Zahlbr. (+)
Trapelia coarctata (Turner) Choisy (+)
Trapeliopsis colensoi (Church. Bab.) G. Schneider
T. granulosa (Hoffm.) H.T. Lumbsh
Tremolecia atrata (Ach.) Hertel
Turgidoscolum complicatum (Nyl.) J. Kohlmeyer & E.
Kohlmeyer
Umbilicaria cylindrica (L.) Delise ex Duby
U. hyperborea (Ach.) Hoffm.
U. polyphylla (L.) Baumg.
U. propagulifera (Vainio) Llano
U. subglabra (Nyl.) Harm.
Usnea acromelana Stirton
U. angulata Ach. (+)
U. baileyi (Stirton) Zahlbr.
U. capillacea Motyka
U. ceratina Ach. (+)
U. contexta Motyka
U. hirta (Müll. Arg.) Weber em. Motyka (+)
U. inermis Motyka
U. leprosa Motyka
U. maculata Stirton
U. molliuscula Stirton
U. ramulosissima Stevens & Rogers
U. rubicunda Stirton
U. scabrida Taylor
U. spilotra Stirton (+)
U. subcapillaris (D. Galloway) F.J. Walker
U. torquescens Stirton
U. torulosa (Müll. Arg.) Zahlbr.
U. trichodea Ach. (+)
U. xanthopoga Nyl. (+)
Verrucaria maura Wahlenb. ex Ach.
V. microsporoides Nyl.
***Vezdaea obscura* Döbbele**
***Warea fruticulosa* Henssen & Kantvilas**
Xanthoparmelia adhaerens (Nyl.) Hale
X. alexandrensis Elix & Johnston
X. amphixantha (Müll. Arg.) Hale
X. amplexula (Stirton) Elix & Johnston
X. antleriformis (Elix) Elix & Johnston
X. arapilensis (Elix & P. Armstr.) Filson
X. australasica D. Galloway
X. bungendorensis (Elix) Elix & Johnston
X. cheelii (Gyelnik) Hale
X. congesta (Kurok. & Filson) Elix & Johnston
X. constrictans (Nyl. ex Crombie) Hale
X. cordillerana (Gyelnik) Hale
X. dichotoma (Müll. Arg.) Hale
X. digitiformis (Elix & P. Armstr.) Filson
X. dissitifolia Kurok. ex Elix & Johnston
X. elixii Filson
X. filarszkyana (Gyelnik) Hale
X. flaviscentireagens (Gyelnik) D. Galloway
X. furcata (Müll. Arg.) Hale
X. glareosa (Kurok. & Filson) Elix & Johnston
X. hybridiza Elix & Johnston
[X. incerta (Kurok. & Filson) Elix & Johnston]
X. isidiigera (Müll. Arg.) Elix & Johnston
X. isidiosa (Müll. Arg.) Elix & Johnston
[X. lineola (Berry) Hale]
X. mannumensis (Elix) Elix & Johnston
X. metacystoides (Kurok. & Filson) Elix & Johnston
X. mexicana (Gyelnik) Hale
X. mougeotina (Nyl.) D. Galloway
X. multipartita (R. Br.) Hale
X. neotinctina (Elix) Elix & Johnston
X. notata (Kurok.) Hale
X. phillipsiana (Filson) Elix & Johnston
X. pseudohypoleia (Elix) Elix & Johnston
X. pustuliza (Elix) Elix & Johnston
[X. remanens (Elix) Elix & Johnston]
X. scabrosa (Taylor) Hale
X. streimannii (Elix & P. Armstr.) Elix & Johnston
X. subnuda (Kurok.) Hale
X. substrigosa (Hale) Hale
X. taractica (Kremp.) Hale
***X. tasmanica* (J.D. Hook. & Taylor) Hale**
X. tegeta Elix & Johnston
X. thamnoides (Kurok.) Hale
X. verdonii Elix & Johnston
***X. vicaria* Elix & Johnston**
X. willisii (Kurok. & Filson) Elix & Johnston
Xanthoria ligulata (Körber) P. James
X. parietina (L.) Th. Fr.

DELETED NAMES

- Acarospora schleicheri* (Ach.) Massal. Probably refers to *A. cirrina* (Tayl.) Zahlbr. ex Rech. (Lumbsch 1988b)
- Alectorza lanata* (Neck.) Nyl. = *Pseudephebe pubescens* (L.) Choisy
- Alectoria pubescens* (L.) Howe = *Pseudephebe pubescens* (L.) Choisy
- Anaptychia* spp. All Tasmanian records of this genus refer to species of *Heterodermia*.
- Anzia angustata* (Pers. in Gaud.) Müll. Arg. = *Pannoparmelia angustata* (Pers. in Gaud.) Zahlbr.
- Anzia colpodes* (Ach.) Stizenb. Misapplied to *Pannoparmelia angustata* (Pers. in Gaud.) Zahlbr.
- Anzia wilsonii* Räsänen = *Pannoparmelia wilsonii* (Räsänen) D. Galloway
- Arthonia multiformis* Shirley** = *Arthothelium ilicinum* (Taylor) P. James
- Arthothelium ferax* (Müll. Arg.)** = *A. interveniens* (Nyl.) Zahlbr.
- Arthothelium infuscatum* (Krempelh.) Müll. Arg. = *A. interveniens* (Nyl.) Zahlbr.
- Aspicilia alpina* (Sommerf.) Arnold = *Bellemerea alpina* (Sommerf.) Clauz. & Roux
- Baeomyces fungoides* (Sw.) Ach. Refers to *B. arcuatus* Stirton in Australasia (see Kantvilas & James 1987).
- Baeomyces ramalinellus* Nyl. Misapplied to *B. arcuatus* Stirton.
- Baeomyces roseus* Pers. Not present in Tasmania; most likely misapplied to *B. arcuatus* Stirton.
- Baeomyces squamarioides* Nyl.** = *Knightiella splachnirima* (J.D. Hook. & Taylor) Gyelnik
- Blastenia consanguinea* Müll. Arg. Misidentification of *Megaloblastenia marginiflexa*. (J.D. Hook. & Taylor) Sipman (Kantvilas 1988).
- Blastenia endochromoides* Müll. Arg. = *Megaloblastenia marginiflexa* (J.D. Hook. & Taylor) Sipman
- Bombyliospora tuberculosa* (Fée) Massal. (= *Megalospora tuberculosa* (Fée) Sipman). Not present in Tasmania (Sipman 1983).
- Buellia dissa* Stirton = *Rinodina dissa* (Stirton) Mayrhofer
- Buellia parasema* (Ach.) De Not. = *B. disciformis* (Fr.) Mudd
- Buellia polospora* (Leighton) Shirley var. *asperata* Shirley** = *Rinodina asperata* (Shirley) Kantvilas
- Buellia pulchella* (Schr.) Tuck. = *Catolechia wahlenbergii* (Ach.) Körber. Not present in Australia or Tasmania (R.W. Rogers, pers. comm.)
- Calicium lenticulare* (Hoffm.) Ach. Not present in Tasmania (Tibell 1987).
- Calicium piperatum* F. Wilson = *C. victorianum* ssp. *victorianum* (F. Wilson) Tibell
- Calicium quercinum* Pers. var. *microcarpum* F. Wilson = *C. glaucellum* Ach.
- Calicium robustellum* Nyl. Not recorded for Tasmania by Tibell (1987).
- Calicium roscidulum* Nyl. ex F. Wilson = *C. trabinellum* (Ach.) Ach.
- Calicium roseo-albidum* F. Wilson = *C. salicinum* Pers.
- Calicium victoriae* F. Wilson = *Mycocalicium victoriae* (F. Wilson) Tibell
- Caloplaca aurantiaca* (Lightf.) Th. Fr. = *C. flavorubescens* (Huds.) Laundon
- Canoparmelia norsticticata* (Stevens) Elix & Hale. Not recorded for Tasmania by Elix & Stevens (1979).
- Carbonea phaeostoma* (Nyl.) Hertel. Not recorded for Tasmania by Hertel (1984).
- Catillaria melanotropa* (Nyl.) Zahlbr. The specimen upon which this record is based (Shirley 1894) is *C. tasmanica* Räsänen (see Kantvilas 1988).
- Catinaria versicolor* (Fée) Sipman. Although listed for Tasmania by Filson (1988b), this name appears to have been widely misapplied by early workers to several species of *Megalospora* or *Catinaria*.
- Catolechia wahlenbergii* (Ach.) Körber. Not present in Australia (R. Rogers, pers. comm.).
- Cetraria scutata* (Wulf.) Poetsch = *C. chlorophylla* (Willd.) Vainio
- Chiodecton perplexum* Nyl. The specimen upon which the Tasmania record is based (Shirley 1894) is of *C. colensoi* (Massal.) Müll. Arg. (see Kantvilas 1988).
- Cladina alpestris* (L.) Nyl. Not present in Tasmania (Ahti 1984).
- Cladina leptoclada* (des Abb.) D. Galloway = *C. confusa* (R. Sant.) Follm. & Ahti
- Cladina rangiferina* (L.) Nyl. Not present in Tasmania (Ahti 1984).
- Cladina sylvatica* (Hofm.) Leighton. Not present in Tasmania (Ahti 1984).
- Cladonia acuminata* (Ach.) Norrl. Not recorded for Australia by Archer (in prep.).
- Cladonia aggregata* (Sw.) Sprengel = *Cladia aggregata* (Sw.) Nyl.
- Cladonia aggregata* f. *subdivergens* Hellborn = *Cladia aggregata* (Sw.) Nyl.
- Cladonia aggregata* var. *tenera* F. Wilson = *Cladia aggregata* (Sw.) Nyl.
- Cladonia amaurocraea* (Florke) Schaerer. An arctic and subarctic Northern Hemisphere species, not recorded for Australia by Archer (in prep.).
- Cladonia anomaea* (Ach.) Ahti & P. James = *C. ramulosa* (With.) Laundon
- Cladonia bacillaris* (Ach.) Nyl. Included in *C. macilenta* Hoffm. (Christensen 1987) and not recorded for Tasmania by Archer (in prep.).
- Cladonia borbonica* (Delise) Nyl. Not recorded for Australia by Archer (in prep.).
- Cladonia calycantha* Delise ex Nyl. Not present in Tasmania. Probably refers to *C. cervicornis* ssp. *verticillata* (Hoffm.) Ahti (see Ahti 1983).
- Cladonia campbelliana* (Vainio) Gyelnik = *C. sarmentosa* (J.D. Hook. & Taylor) Dodge
- Cladonia capitata* (Michaux) Sprengel. Refers to *C. tessellata* Ahti & Kashiwadani in Tasmania.
- Cladonia carassensis* Vainio. This species is presently considered to be a thamnolic acid-containing form of *C. crispata* (Ach.) Flotow (Stenroos 1988).

- Cladonia cariosa* (Ach.) Sprengel. Refers to *C. tessellata* Ahti & Kashiwadani in Tasmania.
- Cladonia carneopallida* (Flörke) Laurer. Not recorded for Australia by Archer (in prep.).
- Cladonia cenotea* (Ach.) Schaerer. Not recorded for Australia by Archer (in prep.).
- Cladonia ceratophylla* (Sw.) Sprengel. Refers to *C. praetermissa* Archer (Filson 1986).
- Cladonia coccifera* (L.) Willd. Not present in Tasmania (Archer 1988a).
- Cladonia coniocraea* auct. Does not appear to occur in Tasmania (Archer, pers. comm.).
- Cladonia conoidea* Ahti ≡ *C. humilis* (With.) Laundon.
- Cladonia conista* auct. ≡ *C. humilis* var. *bourgeanica* (Archer 1988b).
- Cladonia cornicularia* Laurer ≡ *Cladia aggregata* (Sw.) Nyl.
- Cladonia decorticata* (Flörke) Sprengel. Not recorded for Australia by Archer (in prep.).
- Cladonia decurva* Taylor ex Church, Bab. & Mitten** ≡ *C. scabriuscula* (Delise) Nyl. (Archer, pers. comm.).
- Cladonia deformis* (L.) Hoffm. All records of this species from Tasmania appear to refer to *C. pleurota* (Flörke) Schaerer.
- Cladonia digitata* (L.) Hoffm. Not recorded for Australia (Archer 1988a).
- Cladonia enantia* Nyl. Not present in Tasmania. All records probably refer to *C. tessellata* Ahti & Kashiwadani.
- Cladonia farinacea* (Vainio) Evans. Not recorded for Australia by Archer (in prep.).
- Cladonia firma* (Laurer) Krempelh. ≡ *C. murrayi* Martin.
- Cladonia foliacea* (Huds.) Willd. Not recorded for Australia by Archer (in prep.).
- Cladonia gorgonina*. (Bory) Vainio ≡ *Cladia aggregata* (Sw.) Nyl.
- Cladonia impexa* Harm. [= *Cladina portentosa* (Duf.) Follm.]. Not present in Tasmania.
- Cladonia macilentia* Hoffm. Not present in Tasmania.
- Cladonia neozelandica* Vainio. Not present in Tasmania.
- Cladonia parasitica* (Hoffm.) Hoffm. Not recorded for Australia by Archer (in prep.).
- Cladonia phyllophora* Hoffm. Not recorded for Australia by Archer (in prep.).
- Cladonia pityrea* (Flörke) Fr. ≡ *C. ramulosa* (With.) Laundon.
- Cladonia polydactyla* (Flörke) Nyl. Not recorded for Australia by Archer (in prep.).
- Cladonia portentosa* (Duf.) Coem. Not present in Tasmania and referable to *Cladina*.
- Cladonia rangiformis* Hoffm. Not present in Tasmania.
- Cladonia rappii* var. *exilior* (des. Abb.) Ahti ≡ *C. cervicornis* ssp. *verticillata* (Hoffm.) Ahti.
- Cladonia rei* Schaerer. Not present in Tasmania. Record cited by Kantvilas & Jarman (1988) refers to material of *C. ramulosa* (With.) Laundon containing homosekaiacid.
- Cladonia sparassa* (Ach.) Hampe. ≡ *C. squamosa* (Scop.) Hoffm. Not recorded for Australia by Archer (in prep.).
- Cladonia squamosa* (Scop.) Hoffm. Not recorded for Australia by Archer (in prep.).
- Cladonia squamosula* Müll. Arg. var. *squamosula* ≡ *C. rigida* var. *rigida* (J.D. Hook. & Taylor) Hampe.
- Cladonia squamosula* var. *subsquamosula* Archer ≡ *C. rigida* var. *acuta* (Taylor) Archer.
- Cladonia subcervicornis* (Vainio) Kernst. Not recorded for Australia by Archer (in prep.).
- Cladonia subsquamosa* (Nyl.) Vainio. Not present in Tasmania (Archer, in prep.).
- Cladonia subsubulata* Nyl. This species is presently considered to be a thamnolic-acid-containing form of *C. crispata* (Ach.) Flowtow (Stenroos 1988).
- Cladonia subulata* (L.) Wigg. Refers to *C. corniculata* Ahti & Kashiwadani in Tasmania.
- Cladonia terebrata* (Laurer) Flörke ≡ *Cladia aggregata* (Sw.) Nyl.
- Cladonia uncialis* (L.) Wigg. Not present in Tasmania. Probably a misidentification of *C. capitellata* (J.D. Hook. & Taylor) Church. Bab.
- Cladonia verticillata* (Hoffm.) Schaerer ≡ *C. cervicornis* ssp. *verticillata* (Hoffm.) Ahti
- Cladonia wilsonii* Archer ≡ *C. sulcata* var. *wilsonii* (Archer) Archer
- Coccocarpia cronia* (Tuck.) Vainio ≡ *C. palmicola* (Spreng.) Arvidsson & D. Galloway
- Coccocarpia gayana* (Mont.) Nyl. ≡ *Degelia gayana* (Mont.) Arvidsson & D. Galloway
- Coccocarpia parmelioides* (Hook.) Tuck ≡ *C. erythroli* (Spreng.) Swinsc. & Krog.
- Coenogonium acrocephalum* Müll. Arg. Misidentification of *C. implexum* Nyl. (see Kantvilas 1988).
- Coenogonium linkii* Ehrh. Not in Tasmania and probably misapplied to *C. implexum* Nyl.
- Coenogonium rigidulum* Müll. Arg. Not in Tasmania and probably misapplied to *C. implexum* Nyl.
- Collema nigrescens* (Huds.) DC. Misapplied to *C. glaucophthalmum* Nyl. (Degelius 1974).
- Collema robillardii* (Müll. Arg.) Stizenb. Misapplied to *C. quadriculare* F. Wilson (Degelius 1974).
- Collema thysaneum* Ach. Not in Tasmania and probably misapplied to both *C. leucocarpum* J.D. Hook. & Taylor and *C. fasciculare* (L.) Wigg. (Degelius 1974).
- Cornicularia aculeata* (Schreber) Ach. ≡ *Coelocaulon aculeatum* (Schreber) Link.
- Crocynia mollescens* Nyl. Most probably refers to a species of *Lepraria*.
- Cyphelium emergens* (F. Wilson) Zahlbr. ≡ *Trachylia emergens* F. Wilson. This species represents a non-lichenised fungus (Tibell 1987).
- Cystocoleus ebeneus* (Dillwyn) Thwaites ≡ *C. niger* (Hudson) Hariot
- Delisea pseudosticta* Fée ≡ *Pseudocyphellaria glabra* (J.D. Hook. & Taylor) Dodge.
- Dermatocarpon hepaticum* (Lam.) Th.Fr. ≡ *Catapyrenium lachneum* (Ach.) R. Sant.
- Diploschistes euganeus* (Massal.) Steiner. Not present in Tasmania (H.T. Lumbsch, pers. comm.).
- Diploschistes subocellatus* (Nyl.) Zahlbr.** ≡ *D. ocellatus* (Vill.) Norm. (H.T. Lumbsch, pers. comm.).
- Dufourea collodes* J.D. Hook. & Taylor ≡ *Cladia aggregata* (Sw.) Nyl.

- Ephebe pubescens* Fr. Wilson's (1893) record of this taxon refers to *Pseudephebe pubescens* (L.) Choisy.
- Ephebe tasmanica* Crombie. Known only from the type collection (Grosse River, N.S.W.). This locality is frequently quoted as being in Tasmania due to an error by Crombie (1880).
- Flavoparmelia ferax* (Müll. Arg.) Hale. Not known from Tasmania or the Bass Strait islands (J. Elix, pers. comm.).
- Gomphillus baemyceoides* Wilson \equiv *Bacidia buchananii* (Stirton) Hellbom
- Graphis intricata* Fée. Incorrectly listed for Tasmania by Shirley (1893) on the basis of a collection by Robert Brown at Grosse River, N.S.W. (see Crombie 1880).
- Gyalecta cupularis* (Hedwig) Schaerer \equiv *G. jenensis* (Batsch) Zahlbr.
- Gymnoderma melacarpum* (F. Wilson) Yoshim. \equiv *Neophyllis melacarpa* (F. Wilson) F. Wilson.
- Heterodermia pseudospeciosa* (Kurok.) Culb. Erroneously reported by Kantvilas *et al.* (1985) on the basis of a misidentification of *H. microphylla* (Kurok.) Swinsc. & Krog (see Kantvilas & James 1987).
- Heterodermia tremulans* (Müll. Arg.) Culb. \equiv *H. speciosa* (Wulf.) Trevis.
- Heterothecium pauciseptatum* Shirley \equiv *Austroblastenia pauciseptata* (Shirley) Sipman**
- Hypogymnia encausta* (Sm.) W. Watson. Refers to *H. tubularis* (Taylor) Elix (Filson 1986).
- Hypogymnia enteromorpha* (Ach.) Nyl. Refers to *H. enteromorphoides* Elix (Filson 1986) in Australia.
- Hypogymnia physodes* (L.) Nyl. Widely misapplied to several species of *Hypogymnia* in Tasmania, especially to *H. subphysodes* (Krempelh.) Filson.
- Hypogymnia vittata* (Ach.) Gasilien. Not present in Tasmania (Elix 1979).
- Lecanora angulosa* (Schreber) Ach. \equiv *L. carpineae* (L.) Vainio
- Lecanora atra* (Huds.) Ach. \equiv *Tephromela atra* (Huds.) Hafellner
- Lecanora badia* (Hoffm.) Ach. \equiv *Protoparmelia badia* (Hoffm.) Hafellner
- Lecanora coarctata* (Sm.) Ach. \equiv *Trapelia coarctata* (Sm.) Choisy
- Lecanora glaucoma* (Hoffm.) Ach. \equiv *L. rupicola* (L.) Zahlbr.
- Lecanora parmelinea* Zahlbr. \equiv *L. brocchia* Nyl.
- Lecanora sordida* (Pers.) Th.Fr. \equiv *L. rupicola* (L.) Zahlbr.
- Lecanora sulphurea* (Hoffm.) Ach. Origin of record doubtful and no Tasmanian specimens identified as this species have been seen.
- Lecidea cinnabarina* Sommerf. Refers to *L. laeta* Stirton.
- Lecidea crystallifera* Taylor \equiv *Eremastrella crystallifera* (Taylor) G. Schneider
- Lecidea decipiens* (Hedw.) Ach. \equiv *Psora decipiens* (Hedw.) Hoffm.
- Lecidea dicksonii* auct. \equiv *Tremolecia atrata* (Ach.) Hertel
- Lecidea friesii* Ach. [\equiv *Hypocomyce friesii* (Ach.) P. James & G. Schneider]. Not present in Tasmania.
- Lecidea interversa* Nyl. \equiv *L. canorufescens* Krempelh.
- Lecidea ostreata* (Hoffm.) Schaerer. Refers to a species of *Hypocomyce*.
- Lecidea petraeoides* Nyl. ex Hue \equiv *Protoparmelia petraeoides* (Nyl. ex Hue) Hertel
- Lecidea russula* Ach. Refers to *L. laeta* Stirton in Tasmania.
- Lepraria candelaris* (L.) Fr. \equiv *Chrysothrix candelaris* (L.) Laundon
- Leptogium azureum* (Sw.) Mont. in Webb & Berthelot. Not in Tasmania. Most material given this name in Australia is *Collema subconveniens* Nyl. (D. Verdon, pers. comm.).
- Leptogium brebissonii* Mont. in Webb & Berthelot. Not in Tasmania. Easily confused with small *Collema* spp. (D. Verdon, pers. comm.).
- Leptogium chloromelum* var. *granulare* Müll. Arg. The specimen upon which this record is based (Shirley 1894) is referable to *Psoroma hypnorum* (Vahl.) S.F. Gray (Kantvilas 1988).
- Leptogium rugosum* Sierk. Not present in Tasmania.
- Leptogium scotinum* (Ach.) Fr. Not present in Tasmania.
- Leptogium tenuissimum* (Dickson) Fr. The sole Tasmanian record of this species is attributed to Hampe (1852) by Wetmore (1963), but the original reference is to *Parmelia tenuissima* (\equiv *P. signifera*) and not to a *Leptogium*.
- Leptogium tremelloides* (Linn. f.) S.F. Gray. Widely used name in early literature, apparently misapplied to *L. azureum* (Sw.) Mont. and *L. cyanescens* (Ach.) Körber.
- Letrouitia domingensis* (Pers.) Hafellner & Bellemère. A tropical species not recorded for Tasmania by Hafellner (1981).
- Lichina pygmaea* (Lightf.) Agardh var. *intermedia* Church. Bab. \equiv *L. confinis* (O.F. Mull.) Agardh
- Lobaria crenulata* (J.D. Hook.) Trevis. This record is based on "a single specimen of poor quality" (Babington & Mitten 1859) collected by R.C. Gunn. The specimen is cited in the catalogues of Müller (1887), Shirley (1893) and Wilson (1893), each time as a different *Lobaria* species, and thus has led to the introduction of several *Lobaria* names into Tasmanian (and Australian) checklists. Given the dubiousness of the original identification, and the lack of more recent gatherings, *L. crenulata* and the other species names associated with Gunn's specimen (see below) are deleted.
- Lobaria herbacea* (Huds.) DC. See under *L. crenulata* (above).
- Lobaria laetevirens* (Lightf.) Zahlbr. See under *L. crenulata* (above).
- Lobaria leucocarpa* (Müll. Arg.) Zahlbr. \equiv *Knightsella splachnirima* (J.D. Hook. & Taylor) Gyelnik
- Lobaria patinifera* (Taylor) Hue. See under *L. crenulata* (above).
- Lobaria sublaevis* Nyl. See under *L. crenulata* (above).
- Lopadium pauciseptatum* (Shirley) Zahlbr. \equiv *Austroblastenia pauciseptata* (Shirley) Sipman
- Mastodia tessellata* auct. \equiv *Turgidosculum complicatum* (Nyl.) J. Kohlmeyer & E. Kohlmeyer
- Megalospora coccodes* (Bel.) Sipman. Not recorded for Tasmania by Sipman (1983).
- Megalospora sulphurata* var. *nigricans* (Müll. Arg.) Riddle. Not present in Tasmania (Sipman 1983).

- Megalospora tasmanica** (Jatta) Zahlbr. Sipman (1983) observed that the type specimen has acicular spores and is therefore not a *Megalospora*.
- Megalospora taylora** Dodge. Not accepted by Sipman (1983).
- Menegazzia diatrypa* (Ach.) Massal. [= *M. terebrata* (Hoffm.) Massal.]. Not present in Tasmania.
- Menegazzia myriotrema** (Müll. Arg.) R. Sant. ≡ *M. platytrema* (Müll. Arg.) R. Sant. (P. James, pers. comm.).
- Menegazzia pertransita* (Stirton) R. Sant. Refers to *M. weindorferi* (Zahlbr.) R. Sant. in Tasmania.
- Menegazzia pertusa* (Schränk) B. Stein [= *M. terebrata* (Hoffm.) Massal.]. Not present in Tasmania.
- Nephroma antarcticum* (Wulf.) Nyl. Refers to *N. australe* A. Rich.
- Nephroma helveticum* Ach. Not present in Tasmania (White & James 1988).
- Nephroma lepidophyllum* Räsänen ex Gyelnik ≡ *N. cellulosum* var. *isidioferum* J. Murray. Not present in Tasmania (White & James 1988).
- Nephroma resupinatum* (L.) Ach. f. *papyraceum* (Hoffm.) Ach. ≡ *N. helveticum* Ach. Not present in Tasmania.
- Neuropogon acromelanus* var. *decepiens* Lamb ≡ *Usnea acromelana* Stirton.
- Neuropogon acromelanus* var. *inactivus* Lamb ≡ *Usnea torulosa* (Müll. Arg.) Zahlbr.
- Neuropogon antarcticus* (Du Rietz) Lamb ≡ *Usnea antarctica* Du Reitz. Not present in Tasmania (Walker 1985).
- Neuropogon ciliatus* (Nyl.) Krempelh. [= *Usnea ciliata* (Nyl.) Du Rietz]. Occurrence in Tasmania doubtful (Walker 1985).
- Neuropogon melaxanthus* (Ach.) Nyl. [= *Usnea aurantiaco-atra* (Jacqu.) Bory]. Not present in Tasmania (Walker 1985).
- Neuropogon sulphureus* (Th. Fr.) Hellbom (≡ *Usnea sphaelata* R. Br.) Not present in Tasmania (Walker 1985).
- Ochrolechia pseudotartarea* (Vainio) Verseghy. Record doubtful.
- Pannaria imbricata* Nyl. ≡ *Psoroma asperellum* Nyl.
- Parmelia adpressa* Krempelh. (≡ *Xanthoparmelia succedans* Elix & Johnston). Not present in Tasmania (Elix *et al.* 1986).
- Parmelia alpicola* Th. Fr. Not present in Tasmania. Possibly misapplied to *Neofuscelia stygioides* (Nyl. ex Crombie) Esslinger.
- Parmelia amplexula* Stirton ≡ *Xanthoparmelia amplexula* (Stirton) Elix & Johnston
- Parmelia antleriformis* Elix ≡ *Xanthoparmelia antleriformis* (Elix) Elix & Johnston
- Parmelia australiensis* Crombie [= *Xanthoparmelia australiensis* (Crombie) Hale]. Not present in Tasmania.
- Parmelia bungendorensis* Elix ≡ *Xanthoparmelia bungendorensis* (Elix) Elix & Johnston
- Parmelia caperata* (L.) Ach. Refers to *Flavoparmelia haysomii* (Dodge) Hale in Australia.
- Parmelia concors** Krempelh. ≡ *Parmotrema cristiferum* (Taylor) Hale
- Parmelia conferta* Taylor ≡ *Hypogymnia billardierei* (Mont.) R. Filson
- Parmelia conlabrosa* Hale. Not recorded for Tasmania by Elix & Stevens (1979).
- Parmelia conspersa* (Ach.) Ach. Not present in Tasmania and generally misapplied in the past to many species of *Xanthoparmelia*. Two subspecific taxa, *P. conspersa* var. *incisa* (Taylor) Zahlbr. and *P. conspersa* var. *laxa* Müll. Arg. are synonyms of *Xanthoparmelia tasmanica* (J.D. Hook. & Taylor) Hale.
- Parmelia cristifera* Taylor ≡ *Parmotrema cristiferum* (Taylor) Hale
- Parmelia hookeri* Taylor. The description in the original reference (Wilson 1893) suggests that this record refers to the common species *Parmelina stevensiana* Elix & Johnston.
- Parmelia hypoclystoides* (Müll. Arg.) Gyelnik ≡ *Xanthoparmelia scabrosa* (Taylor) Hale
- Parmelia inaequalis* Taylor ≡ *Pannoparmelia angustata* (Pers. in Gaud.) Zahlbr.
- Parmelia jelineckii* Krempelh. ≡ *Flavoparmelia rutidota* (J.D. Hook. & Taylor) Hale
- Parmelia laceratula* Nyl. [= *Punctelia rudecta* (Ach.) Krog.] Not present in Tasmania.
- Parmelia moniliformis* J.D. Hook. ≡ *Pannoparmelia angustata* (Pers. in Gaud.) Zahlbr.
- Parmelia mundata* Nyl. var. *pulverata* Nyl. ≡ *Hypogymnia pulverata* (Nyl.) Elix
- Parmelia neorimalis* Elix & P. Armstrong [= *Xanthoparmelia neorimalis* (Elix & P. Armstrong) Elix & Johnston]. Not present in Tasmania (Elix *et al.* 1986).
- Parmelia ochroleuca* Müll. Arg. ≡ *Flavoparmelia rutidota* (J.D. Hook. & Taylor) Hale
- Parmelia olivacea* (L.) Ach. Not present in Tasmania and erroneously applied to several brown species of *Parmelia s. lat.*
- Parmelia omphalodes* (L.) Ach. Refers to *P. signifera* Nyl. in Tasmania (Filson 1986).
- Parmelia perforata* (Wulfen) Ach. The description of the taxon referred to under this name by Wilson (1893) suggested it is *Parmotrema reticulatum* (Taylor) Choisy.
- Parmelia perlata* (Huds.) Ach. ≡ *Parmotrema chinense* (Osbeck) Hale & Ahti
- Parmelia physodes* var. *sublugubris* Müll. Arg. ≡ *Hypogymnia lugubris* var. *sublugubris* (Müll. Arg.) Elix
- Parmelia proluxa* (Ach.) Malbr. ≡ *Neofuscelia pulla* (Ach.) Esslinger
- Parmelia pruinata* Müll. Arg. Refers to *Parmelina stevensiana* Elix & Johnston in Tasmania (Elix & Johnston 1986).
- Parmelia quercina* Willd. Not present in Tasmania. Record probably refers to *Parmelina stevensiana* Elix & Johnston.
- Parmelia reptans* Kurok. [= *Xanthoparmelia reptans* (Kurok.) Elix & Johnston]. Not present in Tasmania (Elix *et al.* 1986).
- Parmelia rudecta* Ach. Refers to *Punctelia subflava* (Taylor) Elix & Johnston in Australia.
- Parmelia saxatilis* (L.) Ach. Not present in Tasmania (Galloway & Elix 1983).

- Parmelia scabropustulata* Elix = *Xanthoparmelia scabrosa* (Taylor) Hale
- Parmelia splachnirima* J.D. Hook. & Taylor = *Knightsia splachnirima* (J.D. Hook. & Taylor) Gyelnik
- Parmelia stenophylla* (Ach.) Heug. = *Xanthoparmelia digitiformis* (Elix & P. Armstrong) R. Filson
- Parmelia subalbicans* Stirton. Not present in Tasmania.
- Parmelia subcaperatula* Nyl. = *Flavoparmelia rutidota* (J.D. Hook. & Taylor) Hale
- Parmelia subglabra* Räsänen = *Melanelia subglabra* (Räsänen) Esslinger
- Parmelia subprolixa* Krempelth. = *Neofuscetia pulla* (Ach.) Esslinger
- Parmelia tiliacea* (Hoffm.) Ach. Not present in Tasmania. The name refers to *Parmelina conlabrosa* (Hale) Elix & Johnston in Australia (Filson 1986).
- Parmelia tinctina* Mah. & Gill. Refers to *Xanthoparmelia isidiigera* in Tasmania (Filson 1986).
- Parmelia ulophylla* (Ach.) F. Wilson = *Punctelia subrudecta* (Nyl.) Krog
- Parmeliella amphibola* (Knight) Müll. Arg. = *Leioderma amphibolum* (Knight) P.M. Jørg. & D. Galloway
- Parmeliella plumbea* (Lightf.) Müll. Arg. Not present in Tasmania. This name has probably been misapplied to species of *Degelia* and *Coccocarpia*.
- Parmeliella triptophylla* (Ach.) Müll. Arg. Jørgensen (1978) observed that no reliable Southern Hemisphere records of this European species have been traced.
- Parmeliopsis semiviridis* F. Muell. ex Nyl. [= *Chondropis semiviridis* (F. Muell. ex Nyl.) Nyl. ex Crombie]. Not present in Tasmania.
- Parmotrema cooperi* (J. Stein & Zahlbr.) Sérusiaux. An African species (Hale 1965, Krog & Swinscow 1981) whose occurrence in Tasmania seems very doubtful.
- Peltigera erumpens* (Taylor) Vainio = *Peltigera didactyla* (With.) Laundon
- Peltigera spuria* (Ach.) DC. = *P. didactyla* (With.) Laundon
- Perforaria peponula* (Müll. Arg.) Müll. Arg. = *Coccotrema cucurbitula* (Mont.) Müll. Arg.
- Pertusaria ascripta* Stirton. Not in Tasmania Previously misidentified for *P. truncata* Krempelth.
- Pertusaria leioplaca* (Ach.) DC. = *P. leucostoma* (Bernh.) Mass. (Hanko 1983).
- Pertusaria leioplaca* var. *octospora* Nyl. = *P. alpina* Hepp ex Ahles (Filson 1986).
- Pertusaria nothofagi* Zahlbr. = *P. truncata* Krempelth.
- Phaeographis dendritica* (Ach.) Müll. Arg. Record doubtful.
- Phlyctella wilsonii* Müll. Arg. = *Phlyctis subuncinata* Stirton
- Phyllopsora melanocarpa* Müll. Arg. = *Neophyllis melacarpa* (F. Wilson) F. Wilson
- Physcia astroidea* (Clem.) Nyl. = *P. clementei* (Sm.) Lyng
- Physcia endococcinoides* Poelt = *Phaeophyscia endococcinoides* (Poelt) Esslinger
- Physcia picta* (Sw.) Nyl. [*Dirinaria picta* (Sw.) Clem. & Shear
- Physciopsis adglutinata* (Flörke) Choisy = *Hyperphyscia adglutinata* (Flörke) Mayrhofer & Poelt
- Pilophorus conglomeratus* F. Wilson = *Metus conglomeratus* (F. Wilson) D. Galloway & P. James
- Polychidium umhausense* (Auersw.) Henssen. Misidentified for *Dendriscoaulon dendriothamnodes* Dughi in D. Galloway.
- Pseudocyphellaria amphisticta* Knight. Record (by Bratt & Cashin 1976) refers to *P. argyracea* (Delise) Vainio.
- Pseudocyphellaria australiensis* H. Magn. = *P. neglecta* (Müll. Arg.) H. Magn.
- Pseudocyphellaria carpoloma* (Delise) Vainio. Although recorded by several early workers (see Wetmore 1963), the species does not appear to occur in Tasmania and the name appears to have been misapplied to other taxa in the *P. faveolata* group.
- Pseudocyphellaria cellulifera* (J.D. Hook.) Gyelnik = *P. faveolata* (Delise) Malme.
- Pseudocyphellaria cinnamomea* (A. Rich.) Vainio. Recorded by early authors but all specimens examined to date are of *P. dissimilis* (Nyl.) D. Galloway & P. James, a closely related, very common species.
- Pseudocyphellaria delisea* (Fée) D. Galloway & P. James = *P. glabra* (J.D. Hook. & Taylor) Dodge
- Pseudocyphellaria dissimulata* (Nyl.) Vainio. Refers to *P. multifida* (Nyl.) D. Galloway & P. James
- Pseudocyphellaria durvillei* (Delise) Vainio. Misapplied to *P. coronata* (Müll. Arg.) Malme (see Galloway & James 1977).
- Pseudocyphellaria endochrysa* (Delise) Vainio. Misapplied to *P. coronata* (Müll. Arg.) Malme.
- Pseudocyphellaria flavicans* (J.D. Hook. & Taylor) Vainio. Not present in Tasmania and the name has probably been misapplied to *P. colensoi* (Church. Bab.) Vainio.
- Pseudocyphellaria flotowiana* (Laurer) Malme = *P. billardierei* (Delise) Räsänen
- Pseudocyphellaria fossulata* (Dufour) Malme = *P. faveolata* (Delise) Malme
- Pseudocyphellaria freycinetii* (Delise) Malme. A South American species, widely confused with *P. glabra* (J.D. Hook. & Taylor) Dodge in Australasia (Galloway 1985).
- Pseudocyphellaria gilva* (Ach.) Malme = *P. crocata* (L.) Vainio
- Pseudocyphellaria hirta* (Stirton) D. Galloway & P. James = *P. coronata* (Müll. Arg.) Malme
- Pseudocyphellaria impressa* (J.D. Hook. & Taylor) Vainio = *P. faveolata* (Delise) Malme
- Pseudocyphellaria mougeotiana* (Delise) Vainio = *P. crocata* (L.) Vainio
- Pseudocyphellaria orygmata* (Ach.) Malme. Refers to *P. coronata* (Müll. Arg.) Malme
- Pseudocyphellaria physciospora* (J.D. Hook.) Malme = *P. faveolata* (Delise) Malme
- Pseudocyphellaria polyschista* (Meyen & Flotow) Zahlbr. Listed for Tasmania by Filson (1986) but record appears doubtful.
- Pseudocyphellaria prolificans* (Nyl.) Vainio. Doubtful record presumed to be based on a misidentification.
- Pseudocyphellaria richardi* (Mont.) Massal. = *P. billardierei* (Delise) Räsänen

- Pseudocyphellaria subvariabilis* (Nyl.) Vainio ≡ *P. multifida* (Nyl.) D. Galloway & P. James
- Pseudopyrenula glactina* Shirley** ≡ *Pyrenula galactina* (Shirley) Kantvilas
- Psoroma caliginosum* Stirton. Refers to *P. pholidotoides* (Nyl.) Trevis. in Tasmania.
- Psoroma contextum* Stirton. Misapplied by Bratt & Cashin (1976) to *P. pholidotoides* (Nyl.) Trevis.
- Psoroma imbricatum* (Nyl.) J. Murray ≡ *P. asperellum* Nyl.
- Psoroma reticulatum* (Huc) Zahlbr. ≡ *P. pholidotoides* (Nyl.) Trevis.
- Psoroma sphinctrinum* var. *leprolomum* Nyl. ≡ *P. leprolomum* (Nyl.) Räsänen
- Psoroma sphinctrinum* var. *microphyllizans* Nyl. ≡ *P. microphyllizans* (Nyl.) D. Galloway
- Psoromaria descendens* (Nyl.) Nyl. ≡ *Psoromidium aleuroides* (Stirton) D. Galloway
- Ramalina brevis* F. Wilson var. *brevissima* F. Wilson ≡ *R. fissa* (Müll. Arg.) Vainio
- Ramalina calicaris* (L.) Fr. Refers to *R. glaucescens* Krempelh.
- Ramalina ecklonii* (Spreng.) Meyen & Flotow ≡ *R. celastri* (Spreng.) Krog & Swinsc.
- Ramalina fastigiata* (Pers.) Ach. Refers to *R. glaucescens* Krempelh.
- Ramalina fraxinea* (L.) Ach. var. *brevissima* F. Wilson ≡ *R. fissa* (Müll. Arg.) Vainio
- Ramalina fraxinea* f. *platyna* Nyl. ≡ *R. fissa* (Müll. Arg.) Vainio
- Ramalina geniculata* J.D. Hook. & Taylor ≡ *R. inflata* (J.D. Hook. & Taylor) J.D. Hook. & Taylor
- Ramalina inflata* var. *gracilis* Müll. Arg. ≡ *R. inflata* (J.D. Hook. & Taylor) J.D. Hook. & Taylor
- Ramalina leiodea* (Nyl.) Nyl. [≡ *R. subfraxinea* var. *leiodea* (Nyl.) Stevens]. Not present in Tasmania.
- Ramalina membranacea* (Laurer) Mont. Not present in Australia. Record probably refers to *R. celastri* (Sprengel) Krog & Swinsc.
- Ramalina pollinaria* (Liljeb.) Ach. Misapplied to *R. unilateralis* F. Wilson.
- Ramalina pusilla* le Prev. ≡ *R. inflata* ssp. *australis* N. Stevens
- Ramalina tasmanica* Nyl. ≡ *R. inflata* (J.D. Hook. & Taylor) J.D. Hook. & Taylor
- Ramalina yemensis* (Ach.) Nyl. ≡ *R. celastri* (Sprengel) Krog & Swinsc.
- Ramalina yemensis* ssp. *ovalis* (J.D. Hook. & Taylor) Zahlbr. ≡ *R. celastri* ssp. *ovalis* (J.D. Hook. & Taylor) N. Stevens
- Siphula coriacea* Taylor ex Nyl. Not present in Tasmania.
- Siphula dissoluta* Nyl. Not present in Tasmania. Previously misapplied to some forms of *S. decumbens* Nyl. s. lat.
- Siphula pteruloides* Nyl. Misapplied to *S. complanata* (J.D. Hook. & Taylor) R Sant.
- Siphula torulosa* (Ach.) Nyl. Generally misapplied to *S. decumbens* Nyl. (see Mathey 1974).
- Sphaerophorus australis* Laurer ≡ *S. melanocarpus* (Sw.) DC.
- Sphaerophorus compressus* Ach. ≡ *S. melanocarpus* (Sw.) DC.
- Sphaerophorus fragilis* (L.) Pers. Not present in Tasmania (see Kantvilas 1988).
- Sphaerophorus globosus* (Huds.) Vainio. Not present in Tasmania.
- Stereocaulon colensoi* Church. Bab. Not present in Tasmania.
- Stereocaulon coralloides* Fr. (≡ *S. dactylophyllum* Flörke). Not present in Tasmania.
- Stereocaulon denudatum* Flörke ≡ *S. vesuvianum* Pers.
- Stereocaulon gracilescens* Nyl. [≡ *Leprocaulon gracilescens* (Nyl.) Lamb & Ward]. Not present in Tasmania (Lamb & Ward 1974).
- Stereocaulon kilmandscharoense* Stein ≡ *S. vesuvianum* Pers.
- Stereocaulon leptaleum* Nyl.** ≡ *S. corticatum* Nyl.
- Stereocaulon macrocarpum* Rich. ≡ *S. ramulosum* (Sw.) Räsichel
- Stereocaulon macrocarpoides* Nyl.** ≡ *S. ramulosum* (Sw.) Räsichel
- Stereocaulon proximum* Nyl. ≡ *S. ramulosum* (Sw.) Räsichel
- Sticta cetrarioides* J.D. Hook. ≡ *Heterodea muelleri* (Hampe) Nyl.
- Sticta cinereoglauca* J.D. Hook. & Taylor. Not present in Tasmania.
- Sticta filicina* Ach. [≡ *S. filix* (Sw.) Nyl.] Not present in Tasmania. Most Tasmanian records of species of *Sticta* with a green photobiont appear to be misidentifications of *S. stipitata* Knight.
- Sticta filix* (Sw.) Nyl. Not present in Tasmania (see above under *S. filicina*).
- Sticta fragillima* Church. Bab. Probably misapplied to *Pseudocyphellaria dissimilis* (Nyl.) D. Galloway & P. James.
- Sticta fulvocinerea* Mont. Refers to *Pseudocyphellaria glabra* (J.D. Hook. & Taylor) Dodge.
- Sticta latifrons* Rich. Not present in Tasmania.
- Sticta linearis* J.D. Hook. & Taylor ≡ *Pseudocyphellaria billardierei* (Delise) Räsänen
- Sticta muelleri* Hampe ≡ *Heterodea muelleri* (Hampe) Nyl.
- Sticta shirleyana* Müll. Arg. ≡ *S. stipitata* Knight
- Teloschistes chrysophthalmus* var. *sieberianus* (Laurer) Müll. Arg. ≡ *T. sieberianus* (Laurer) Hillm.
- Teloschistes flavicans* var. *subexilis* (Nyl.) F. Wilson ≡ *T. spinosus* (J.D. Hook. & Taylor) J. Murray
- Thelidea corrugata* Hue ≡ *Knighitiella splachnirima* (J.D. Hook. & Taylor) Gyelnik
- Thysanothecium hyalinum* Mont. & Berk. ≡ *T. scutellatum* (Fr.) D. Galloway
- Umbilicaria cinerascens* (Ach.) Nyl. Misapplied to *U. subglabra* (Nyl.) Harm. (Blackman *et al.* 1974).
- Umbilicaria proboscoidea* (L.) Schrad. Not present in Tasmania (Blackman *et al.* 1974).
- Usnea acromelana* var. *decipiens* (Lamb) Lamb ≡ *U. acromelana* Stirton
- Usnea acromelana* var. *inactiva* Lamb ≡ *U. torulosa* (Müll. Arg.) Zahlbr.

Usnea antactica Du Rietz. Not present in Tasmania (Walker 1985).
Usnea arida Motyka. Not present in Tasmania (G.N. Stevens, pers. comm.). Previous use of this name in the literature refers mostly to *U. leprosa* Motyka.
Usnea articulata Fr. Occurrence in Tasmania doubtful (G.N. Stevens, pers. comm.).
Usnea barbata (L.) Wigg. Refers to *U. scabrida* Taylor.
Usnea dasypoga (Ach.) Hornem. Not present in Tasmania (G.N. Stevens, pers. comm.).
Usnea dasypogoides Nyl. ex Crombie. Not present in Tasmania (G.N. Stevens, pers. comm.).
Usnea flexilis Stirton. Occurrence in Tasmania doubtful.
Usnea flörida (L.) Wigg. Refers to *U. scabrida* Taylor.
Usnea glomerata Motyka ≡ *U. torulosa* (Müll. Arg.) Zahlbr.
Usnea longissima Ach. Occurrence in Tasmania doubtful (G.N. Stevens, pers. comm.).
Usnea microcarpioides (Müll. Arg.) Motyka ≡ *U. ramulosissima* Stevens & Rogers
Usnea melanantha Ach. [= *U. aurantiaco-atra* (Jacq.) Bory]. Not present in Tasmania (Walker 1985).

Usnea plicata (L.) Wigg. Occurrence in Tasmania doubtful (G.N. Stevens, pers. comm.).
Usnea rubescens Stirton ≡ *U. rubicunda* Stirton
Usnea sphacelata R.Br. Not present in Tasmania (Walker 1985).
Usnea straminea Müll. Arg. Not present in Tasmania (G.N. Stevens, pers. comm.).
Usnea subfusca Stirton. Refers to species of *Usnea* subgen. *Neuropogon* (G.N. Stevens, pers. comm.) of which only two taxa occur in Tasmania, *U. acromelana* and *U. subcapillaris*.
Usnea tasmanica (Müll. Arg.) Zahlbr. ≡ *U. baileyi* (Stirton) Zahlbr.
Xanthoria ectanea (Ach.) Räsänen ex R. Filson ≡ *X. ligulata* (Körber) P. James in Australia.
Xanthoria lychnea (Ach.) Fr. [= *X. candelaria* (L.) Th. Fr.]. Not present in Tasmania.
Xanthoria spinosa (J.D. Hook. & Taylor) Du Rietz ≡ *Teloschistes spinosus* (J.D. Hook. & Taylor) J. Murray.
Xanthoria spinulosa (Krempelh.) Hillm. ≡ *Teloschistes spinosus* (J.D. Hook. & Taylor) J. Murray.

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