

# *NUYTSIA*

WESTERN AUSTRALIA'S JOURNAL OF SYSTEMATIC BOTANY

ISSN 0085-4417



Cranfield, R.J.  
Lichen Census of Western Australia.

*Nuytsia* 15(2): 193–220 (2004)

All enquiries and manuscripts should be directed to:

The Editor – *NUYTSIA*  
Western Australian Herbarium  
Conservation and Land Management  
Locked Bag 104 Bentley Delivery Centre  
Western Australia 6983  
AUSTRALIA

Telephone: +61 8 9334 0500  
Facsimile: +61 8 9334 0515  
Email: [nuytsia@calm.wa.gov.au](mailto:nuytsia@calm.wa.gov.au)  
Web: [science.calm.wa.gov.au/nuytsia/](http://science.calm.wa.gov.au/nuytsia/)



All material in this journal is copyright and may not be reproduced except with the written permission of the publishers.  
© Copyright Department of Conservation and Land Management



## Lichen Census of Western Australia

R.J. Cranfield

Western Australian Herbarium, Department of Conservation and Land Management,  
Brain Street, Manjimup, Western Australia 6258

### Abstract

Cranfield, R.J. Lichen Census of Western Australia, *Nuytsia* 15(2): 193–220 (2004). A list of known lichen taxa for Western Australia is presented; family, genus, species and infra species are listed with authors and reference to original publication. Biogeographic regions are indicated for each species based on the collections of the Western Australian Herbarium. A table giving statistical data for families and genera is included.

### Introduction

Lichens have hitherto been poorly known and under-collected in Western Australia. With a growing need to conserve the biota, it is essential to have a census of known taxa occurring within the State. A census provides a baseline from which to assess conservation status of species, develop identification keys, and manage associated information and specimen collections.

The size of the described lichen flora for Western Australia is now considered to exceed 580 species, compared with 192 cited by Sammy (1985), 194 species were earlier recognised by Richardson and Richardson (1982) and subsequently 465 species by Sammy (1995). This increase reflects an upsurge in interest in lichens in Western Australia in recent years, including my own studies of lichens of the southern forests. There has been a considerable increase recently in the size of the collection at PERTH. Even so, not all taxa in the census are present in the PERTH collection because earlier collectors did not always lodge duplicates, as now required. A table is provided which shows statistics of family, genus and species numbers known from Western Australia (Table 1), presented in a style compatible with Green (1985).

### Methods

This census lists the names of all currently recognised species of lichens for Western Australia, including non-lichenised species of lichen-dominated genera. Included in the listing are the authors and reference to original publication of each name. Selected synonyms are included to provide cross-references for recent name changes. This census is maintained in an electronic form allowing for updating records to maintain currency of data. The published *Checklist of Australian Lichens and Allied Fungi* (Filson, R. 1996) and the electronic *Checklist of Australian Lichens* (McCarthy, P. 1999) including updates to December 2001, the published hardcopy book version (McCarthy 2003) formed

the basis of this census along with literature records and Western Australian Herbarium (PERTH) collections, many of the latter annotated by specialists. The checklist contains updates to the end of 2003.

Table 1. WA Lichen Family and Genera Statistics. Families followed by number of genera and species – genera with number of species. Family names are preceded by PERTH's family number, used for curatorial purposes only.

| <b>Perth Family Name<br/>No.</b> | <b>Genera Species</b> |    |  | <b>Perth Family Name<br/>No.</b> | <b>Genera Species</b> |    |  |
|----------------------------------|-----------------------|----|--|----------------------------------|-----------------------|----|--|
| 797 Acarosporaceae               | 3                     | 11 |  | 721 Coniocybaceae                | 1                     | 4  |  |
| <i>Acarospora</i>                |                       | 7  |  | <i>Chaenotheca</i>               |                       | 4  |  |
| <i>Polysporina</i>               |                       | 1  |  | 805 Deuteromycotina              | 3                     | 5  |  |
| <i>Sarcogyne</i>                 |                       | 3  |  | <i>Lepraria</i>                  |                       | 3  |  |
| 808 Agyriaceae                   | 3                     | 5  |  | <i>Leprocaulon</i>               |                       | 1  |  |
| <i>Placopsis</i>                 |                       | 1  |  | <i>Normandina</i>                |                       | 1  |  |
| <i>Trapelia</i>                  |                       | 2  |  | 727 Graphidaceae                 | 3                     | 5  |  |
| <i>Trapeliopsis</i>              |                       | 2  |  | <i>Dyplolobia</i>                |                       | 1  |  |
| 802 Arthoniaceae                 | 2                     | 2  |  | <i>Graphis</i>                   |                       | 3  |  |
| <i>Arthonia</i>                  |                       | 1  |  | <i>Phaeographis</i>              |                       | 1  |  |
| <i>Arthothelium</i>              |                       | 1  |  | 728 Gyalectaceae                 | 1                     | 1  |  |
| 700 Arthopyreniaceae             | 1                     | 1  |  | <i>Coenogium</i>                 |                       | 1  |  |
| <i>Arthopyrenia</i>              |                       | 1  |  | 730 Heppiaceae                   | 2                     | 3  |  |
| 705 Bacidiaceae                  | 3                     | 5  |  | <i>Gloeheppia</i>                |                       | 1  |  |
| <i>Bacidia</i>                   |                       | 2  |  | <i>Heppia</i>                    |                       | 2  |  |
| <i>Catinaria</i>                 |                       | 1  |  | 732 Hymeneliaceae                | 1                     | 2  |  |
| <i>Lecania</i>                   |                       | 2  |  | <i>Aspicilia</i>                 |                       | 2  |  |
| 709 Caliciaceae                  | 2                     | 10 |  | 735 Lecanoraceae                 | 8                     | 39 |  |
| <i>Calicium</i>                  |                       | 9  |  | <i>Clauzadeana</i>               |                       | 1  |  |
| <i>Cyphelium</i>                 |                       | 1  |  | <i>Haematomma</i>                |                       | 3  |  |
| 710 Candelariaceae               | 2                     | 5  |  | <i>Lecanora</i>                  |                       | 23 |  |
| <i>Candelaria</i>                |                       | 1  |  | <i>Lecidella</i>                 |                       | 2  |  |
| <i>Candelariella</i>             |                       | 4  |  | <i>Phacopsis</i>                 |                       | 1  |  |
| 711 Catillariaceae               | 2                     | 4  |  | <i>Pyrrhospora</i>               |                       | 2  |  |
| <i>Catillaria</i>                |                       | 3  |  | <i>Ramboldia</i>                 |                       | 4  |  |
| <i>Solenopsora</i>               |                       | 1  |  | <i>Tephromela</i>                |                       | 3  |  |
| 714 Chrysorhizicaceae            | 1                     | 1  |  | 736 Lecideaceae                  | 2                     | 14 |  |
| <i>Chrysothrix</i>               |                       | 1  |  | <i>Lecidea</i>                   |                       | 11 |  |
| 716 Cladoniaceae                 | 5                     | 42 |  | <i>Toninia</i>                   |                       | 3  |  |
| <i>Cladia</i>                    |                       | 7  |  | 738 Letrouitaceae                | 1                     | 1  |  |
| <i>Cladonia</i>                  |                       | 30 |  | <i>Letrouitia</i>                |                       | 1  |  |
| <i>Heterodea</i>                 |                       | 2  |  | 739 Lichenotheliaceae            | 1                     | 2  |  |
| <i>Ramalea</i>                   |                       | 1  |  | <i>Lichenothelia</i>             |                       | 2  |  |
| <i>Thysanothecium</i>            |                       | 2  |  | 740 Lichinaceae                  | 5                     | 7  |  |
| 718 Coccocarpiaceae              | 2                     | 4  |  | <i>Ephebe</i>                    |                       | 1  |  |
| <i>Coccocarpia</i>               |                       | 3  |  | <i>Lichina</i>                   |                       | 1  |  |
| <i>Spilonema</i>                 |                       | 1  |  | <i>Phloeopeccania</i>            |                       | 1  |  |
| 720 Collemataceae                | 2                     | 9  |  | <i>Poroscyphus</i>               |                       | 2  |  |
| <i>Collema</i>                   |                       | 5  |  | <i>Pterygiopsis</i>              |                       | 2  |  |
| <i>Leptogium</i>                 |                       | 4  |  |                                  |                       |    |  |

Table 1 (continued).

| Perth Family Name<br>No. |  | Genera Species  | Perth Family Name<br>No. |  | Genera Species        |
|--------------------------|--|---|--------------------------|--|-----------------------|
| 742                      | Lobariaceae<br><i>Pseudocyphellaria</i>  | 1 4<br>4  | 760                      | Pertusariaceae<br><i>Ochrolechia</i><br><i>Pertusaria</i>                  | 2 19<br>5<br>14       |
| 744                      | Megalariaceae<br><i>Megalaria</i>  | 1 1<br>1  | 763                      | Phyllopsoraceae<br><i>Hypocenomyce</i>                                     | 1 3<br>3              |
| 745                      | Megalosporaceae<br><i>Megalospora</i>  | 1 1<br>1  | 764                      | Physciaceae<br><i>Amandinea</i><br><i>Australiaena</i><br><i>Buellia</i>   | 16 81<br>1<br>1<br>20 |
| 748                      | Microcaliciaceae<br><i>Microcalicum</i>  | 1 1<br>1  |                          | <i>Dimelaena</i><br><i>Diploicia</i><br><i>Diplotomma</i>                  | 3<br>1<br>1           |
| 749                      | Monobastiaceae<br><i>Anisomeridium</i>   | 1 1<br>1  |                          | <i>Dirinaria</i><br><i>Hafellia</i><br><i>Heterodermia</i>                 | 5<br>4<br>5           |
| 751                      | Mycocaliciaceae<br><i>Chaenothecopsis</i><br><i>Mycocalicium</i>   | 2 5<br>2<br>3   |                          | <i>Hyperphyscia</i><br><i>Phaeophyscia</i><br><i>Physcia</i>               | 1<br>2<br>17          |
| 752                      | Mycoporaceae<br><i>Mycoporum</i>   | 1 1<br>1  |                          | <i>Physconia</i><br><i>Pyxine</i><br><i>Rinodina</i><br><i>Rinodinella</i> | 2<br>10<br>7<br>1     |
| 756                      | Pannariaceae<br><i>Degelia</i><br><i>Leproloma</i><br><i>Pannaria</i><br><i>Parmeliella</i><br><i>Psoroma</i>  | 5 11<br>2<br>1<br>4<br>3<br>1   | 766                      | Placynthiaceae<br><i>Placynthium</i>                                       | 1 1<br>1              |
| 757                      | Parmeliaceae<br><i>Canomaculina</i><br><i>Canoparmelia</i><br><i>Chondropsis</i><br><i>Flavoparmelia</i><br><i>Hypogymnia</i><br><i>Hypotrachyna</i><br><i>Imshaugia</i><br><i>Melanelia</i><br><i>Menegazzia</i><br><i>Noefuscelia</i><br><i>Pannoparmelia</i><br><i>Paraparmelia</i><br><i>Parmelia</i><br><i>Parmelina</i><br><i>Parmelinopsis</i><br><i>Parmotrema</i><br><i>Punctelia</i><br><i>Relicinopsis</i><br><i>Rimelia</i><br><i>Xanthoparmelia</i> | 20 185<br>2<br>4<br>1<br>9<br>4<br>1<br>1<br>1<br>4<br>21<br>1<br>14<br>2<br>5<br>1<br>5<br>1<br>5<br>4<br>1<br>1<br>3<br>1<br>3<br>100 | 1143B                    | Platygloeaceae<br><i>Biatoropsis</i>                                       | 1 1<br>1              |
|                          |  |   | 809                      | Porinaceae<br><i>Porina</i>  | 1 2<br>2              |
|                          |  |   | 767                      | Porpidiaceae<br><i>Paraporpidia</i><br><i>Porpidia</i>                     | 2 3<br>2<br>1         |
|                          |  |   | 768                      | Psoraceae<br><i>Psora</i>  | 1 3<br>3              |
|                          |  |   | 769                      | Pyrenulaceae<br><i>Parmentaria</i><br><i>Pyrenula</i>                      | 2 3<br>1<br>2         |
|                          |  |   | 771                      | Ramalinaceae<br><i>Ramalina</i>  | 1 11<br>11            |
|                          |  |   | 772                      | Rhizocarpaceae<br><i>Rhizocarpon</i>                                       | 1 4<br>4              |
| 758                      | Peltigeraceae<br><i>Peltigera</i>  | 1 3<br>3  | 774                      | Roccellaceae<br><i>Roccella</i>  | 1 1<br>1              |
| 759                      | Peltulaceae<br><i>Peltula</i>  | 1 14<br>14  | 777                      | Schaereriaceae<br><i>Schaereria</i>  | 1 1<br>1              |
|                          |  |   | 806                      | Siphulaceae<br><i>Siphula</i>  | 1 1<br>1              |

Table 1 (continued).

| <b>Perth Family Name<br/>No.</b>   | <b>Genera Species</b>  |  | <b>Perth Family Name<br/>No.</b>  | <b>Genera Species</b>       |
|--|------------------------|--|---|-----------------------------|
| 781 Sphinctrinaceae<br><i>Sphinctrina</i>  | 1<br>1                 |  | 1065 Tricholomataceae<br><i>Omphalina</i>   | 1<br>2                      |
| 783 Stereocaulaceae<br><i>Stereocaulon</i>   | 1<br>1                 |  | 792 Trypetheliaceae<br><i>Trypethelium</i>  | 1<br>1                      |
| 786 Teloschistaceae<br><i>Caloplaca</i><br><i>Fulglesia</i><br><i>Teloschistes</i><br><i>Xanthoria</i> | 4<br>19<br>2<br>2<br>2 |  | 810 Umbilicariaceae<br><i>Umbilicaria</i>   | 1<br>1                      |
| 803 Thelotremaeae<br><i>Diploschistes</i><br><i>Thelotrema</i>   | 2<br>11<br>1           |  | 794 Usneaceae<br><i>Usnea</i>   | 1<br>10                     |
| 810 Tremolechiaceae<br><i>Tremolechia</i>  | 1<br>1                 |  | 795 Verrucariaceae<br><i>Endocarpon</i><br><i>Lauderlindsaya</i><br><i>Placidium</i><br><i>Verrucaria</i> | 4<br>18<br>9<br>1<br>2<br>6 |

In the census table (Appendix 1), taxa are arranged alphabetically by genus and then species. Families have been assigned numbers to accord with the methods used at PERTH for other plant groups. Each taxon has the family number listed against it. This feature is to enable this census to be incorporated in FloraBase (<http://florabase.calm.wa.gov.au/>), the Western Australian Herbarium's electronic flora information system. Distribution data for Western Australia is presented using bioregions proposed by the Interim Biogeographic Regionalisation of Australia (IBRA) (Thackway and Cresswell 1995).

A key to author abbreviations is also provided (Appendix 2).

## References

- Brummitt, R.K. & Powell, C.E. (1992). *Authors of Plant Names*. (Royal Botanic Gardens, Kew, England).
- Elix, J.A. & Raiston, K. (1999). Lichens of the Kimberley Region, Western Australia. *Australian Lichenology* 44: 16-35.
- Filson, R.B. (1996). Checklist of Australian *Lichens and Allied Fungi* (Australian Biological Resources Study: Canberra).
- Green, J.W. (1985). *Census of the Vascular Plants of Western Australia*. 2<sup>nd</sup> edn. (Western Australian Herbarium, Perth).
- McCarthy, P.M. (1999). *Checklist of Australian Lichens*. (Australian Biological Resources Study: Canberra). <http://www.anbg.au/abrs/lichenlist/introduction.html>.
- McCarthy, P.M. (2003). *Catalogue of Australian Lichens*. (Flora of Australia Supplementary Series 19. Australian Biological Resources Study: Canberra).
- Richardson, R.M. & Richardson, D.H.S. (1982). A Systematic List with Distributions of Lichen Species of Western Australia, based on the Western Australian Herbarium. *Western Australian Herbarium Research Notes* 7: 17-29.
- Sammy, N (1985). The Distribution of Lichens in Western Australia. *Western Australian Herbarium Research Notes* 11: 53-113.
- Sammy, N. (1995). *Checklist of Western Australian Lichens*. (unpublished manuscript at Western Australian Herbarium).
- Thackway, R. & Cresswell, I.D. (1995). (eds) An interim biogeographic regionalisation for Australia: a framework for establishing the national system of reserves, version 4.0. Published report of the Australian Nature Conservation Agency, Canberra.
- Western Australian Herbarium (1998—). FloraBase — The Western Australian Flora. Department of Conservation and Land Management. <http://florabase.calm.wa.gov.au/>

Appendix 1. Lichen Census of Western Australia. Note that 'specimen' included in the Authority field denotes a herbarium determination as the only authority for the name.

| N°   | Family           | Genus         | Species                 | Variety/subspecies                  | Synonyms  | Authority  | IBRA regions  |              |
|------|------------------|---------------|-------------------------|-------------------------------------|---|--|---|--------------|
|      |                  |               |                         |                                     |   |  | Literature  |              |
| 797  | Acarosporaceae   | Acarospora    | <i>ceninaria</i>        |                                     |   | A. Massal.<br>(Taylor) Zahlbr. ex Rech.                                | Ric. Auton. Lich. Crost. 28 (1852)                      | unknown      |
| 797  | Acarosporaceae   | Acarospora    | <i>citrina</i>          |                                     |   | Denkschr. Kaiserl. Akad. Wiss. Wien, Math-Naturwiss. Kl. 88: 28 (1911) | Coo, Mur, Gsd, Pil, Aw, Gs, Jf, Ck                      |              |
| 797  | Acarosporaceae   | Acarospora    | <i>Negligens</i>        |                                     |   | H. Magn.   | Bih. Kongl. Svenska Vetensk-Akad. Handl. 7: 58 (1929)   |              |
| 797  | Acarosporaceae   | Acarospora    | <i>nodulosa</i>         |                                     |   | (Dufour) Hue   | Nouv. Arch. Mus. Hist. Nat., sér. 5, 1: 160 (1909)      | Mur, Coo, Gs |
| 797  | Acarosporaceae   | Acarospora    | <i>nodulosa</i>         | var. <i>reagens</i>                 | <i>Acarospora reagens</i>                                 | Zahlbr., Clauzade & Cl. Roux   | Bull. Soc. Bot. Centre-Quest. N. s. 15:129 (1984)       | Mur, Coo     |
| 797  | Acarosporaceae   | Acarospora    | <i>novae-hollandiae</i> |                                     |   | H. Magn.   | Bih. Kongl. Svenska Vetensk-Akad. Handl. 7: 89 (1929)   | Mur          |
| 797  | Acarosporaceae   | Acarospora    | <i>reagens</i>          |                                     |   | Zahlbr.  | Bih. Kongl. Svenska Vetensk-Akad. Handl. 13: 162 (1902) | Mur, Coo     |
| 797  | Acarosporaceae   | Acarospora    | <i>sinopica</i>         |                                     |   | (Wählerb.) Körb.   | Kirb., Parerga lichenol.: 57 (1852)                     | Gsd, Mur,    |
| 797  | Acarosporaceae   | Acarospora    | <i>simaragdula</i>      |                                     |   | (Wählerb.) A. Massal   | Ric. Auton. Lich. Crost. 29 (1832)                      | Mur          |
| 764  | Physciaceae      | Amandinea     | <i>punctata</i>         |                                     | <i>Buellia punctata</i>                                   | (Höffm.) Coppini & Scheid.   | Lichenologist 25: 343 (1983)                            | unknown      |
| 749  | Monoblastiaceae  | Anisomeridium | <i>americanum</i>       |                                     | <i>Pleurotrema pyrenoidoides</i> (A. Massal.) R.C. Harris | More Florida Lich.: 144 (1995)   | NK  |              |
| 802  | Arthoniaceae     | Arthonia      | <i>lliicina</i>         |                                     | Taylor  | Fl. Hibern. 2: 105 (1836)  | War   |              |
| 700  | Arthropypniaceae | Arthropypnia  | <i>analepta</i>         |                                     | (Ach.) A. Massal  | Ric. Auton. Lich. Crost. 165: (1852)                                   | Di  |              |
| 802  | Arthoniaceae     | Arthothelium  | <i>interveniens</i>     |                                     | (Nyl.) Zahlbr.  | Cat. Lich. Univ. 2: 127 (1924)   | War   |              |
| 732  | Hymenellaceae    | Aspicilia     | <i>calcarea</i>         |                                     | (L.) Mudd.  | Man. Brit. Lich.: 161 (1861)   | Mur, Coo, Esp   |              |
| 732  | Hymenellaceae    | Aspicilia     | <i>caesocolla</i>       | var. <i>caesocolla</i>              | (le Prev.) Hazsl.   | Magyar Birodalom Zuzmó-Förl.-tájá: 129 (1884)                          | unknown   |              |
| 764  | Physciaceae      | Australaena   | <i>streimannii</i>      |                                     | Marzér, H. Mayrhofer & Elix                               | Lichenologist 29: 36 (1997)  | Di, Ck  |              |
| 705  | Bacidiaceae      | Bacidia       | <i>microphyllina</i>    |                                     | (Tuck.) Riddle  | Mycologia 15: 80 (1923)  | NK  |              |
| 705  | Bacidiaceae      | Bacidia       | <i>millegrana</i>       |                                     | (Taylor) Zahlbr. in H. Wawra & E. Beck                    | Itin. Princ. S. Coburgi 2: 152 (1888)                                  | Jf, War   |              |
| 736  | Lecideaceae      | Bialora       | <i>sorediosa</i>        | see <i>Lecanora austrosorediosa</i> | Rambold   | Biblioth. Lichenol. 34: 75 (1989)                                      | unknown   |              |
| 1143 | Platygeaceae     | Bialtopsis    | <i>usneatum</i>         |                                     | Räsänen   | Ann Bot. Soc. Zool.-Bot. Fenn. "Yanamo" 5(9): 8 (1934)                 |   |              |
|      |                  |               |                         |                                     | Müll. Arg.  | Flora 72: 512 (1889)   | unknown   |              |
| 764  | Physciaceae      | Buellia       | <i>cretacea</i>         |                                     | Müll. Arg.  | Hedwigia 31: 197 (1892)  | unknown   |              |
| 764  | Physciaceae      | Buellia       | <i>desertorum</i>       |                                     | Trinkaus, in Trinkaus et al.                              | Lichenologist 33: 52 (2001)  |   |              |
| 764  | Physciaceae      | Buellia       | <i>diliana</i>          |                                     |   |  |   |              |
| 764  | Physciaceae      | Buellia       | <i>disciformis</i>      | see <i>Hafellia disciformis</i>     | (F.) Mudd.  | Man. Brit. Lich.: 216 (1861)   | Mal., Nk, Sw  |              |
| 764  | Physciaceae      | Buellia       | <i>dissa</i>            | see <i>Hafellia dissa</i>           | (Stirt.) Zahlbr.  | Cat. Lich. Univ. 7: 357 (1931)   | unknown   |              |
| 764  | Physciaceae      | Buellia       | <i>erigaea</i>          |                                     | (Höffm.) Tuck.  | Gen. Lich.: 185 (1872)   | Sw  |              |

| Nº  | Family          | Genus            | Species               | Variety/subspecies          | Synonyms                       | Authority                           | Literature  | IBRA regions   |
|-----|-----------------|------------------|-----------------------|-----------------------------|--------------------------------|-------------------------------------|---|----------------|
| 764 | Physciaceae     | <i>Buellia</i>   | <i>erubescens</i>     |                             |                                | Arnold                              | Verh. K. K. Zool.-Bot. Ges. Wien 25: 493 (1875)           | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>familiolenta</i>   |                             |                                | Müll. Arg.                          | Bull. Herb. Boissier 1: 50 (1833)                         | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>georgei</i>        |                             |                                | Trinkaus & Ellix                    | Trinkaus 33: 55 (2001)                                    | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>glomerulans</i>    |                             |                                | (Müll. Arg.) Zahlbr.                | Cat. Lich. Univ. 7: 464 (1931)                            | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>inturgescens</i>   |                             |                                | Müll. Arg.                          | Hedwigia 31: 197 (1892)                                   | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>lobata</i>         |                             |                                | Trinkaus & Ellix in Trinkaus et al. | Lichenologist 33:58 (2001)                                |                |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>marginulata</i>    |                             |                                | (Müll. Arg.) Zahlbr.                | Cat. Lich. Univ. 7: 464 (1931)                            | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>pruinosa</i>       |                             |                                | Müll. Arg.                          | Bull. Herb. Boissier 1: 51 (1833)                         |                |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>punctata</i>       | var. <i>aegyptiaca</i>      |                                | Zahlbr.                             | Cat. Lich. Univ. 7: 400 (1931)                            | Swa, Esp., Mal |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>retrovertens</i>   |                             |                                | Tuck.                               | Syn. N. Amer. Lich. 2: 89 (1888)                          | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>spuria</i>         |                             |                                | (Schaer.) Anzi                      | Cat. Lich. Sondr.: 87 (1860)                              | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>stellulata</i>     |                             |                                | (Taylor) Mudd.                      | Man. Brit. Lich.: 216 (1861)                              | Esp., Jf. War  |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>stigmata</i>       |                             |                                | Tuck.                               | Syn. N. Amer. Lich. 2: 90 (1888)                          |                |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>subtilis</i>       | see <i>Buellia pruinosa</i> |                                | (Nyf.) Müll. Arg.                   | Rev. Mycol. (Tulouze) 2: 79 (1880)                        | Swa, Coo, Mur  |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>subcoronata</i>    |                             |                                | (Müll. Arg.) Maire.                 | Ark. Bot. 21A: 23 (1927)                                  | unknown        |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>subdisciformis</i> | var. <i>sundisciformis</i>  |                                | (Leight.) Ván.                      | Étud. Class. Lich. Brésil 1: 167 (1890)                   | War            |
| 764 | Physciaceae     | <i>Buellia</i>   | <i>absoatra</i>       |                             | see <i>Diplotomma alboatum</i> |                                     |   |                |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>abitellum</i>      |                             | Pers.                          |                                     | Tent. Disp. Meth. Fung.: 59 (1797)                        | unknown        |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>chlorosporum</i>   |                             | F. Wilson, in Bailey           |                                     | Bot. Bull. Dep. Agric., Queensland 7: 29 (1891)           |                |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>glaucellum</i>     |                             | Ach.                           |                                     | Methodius: 97 (1803)                                      | Jf             |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>robustum</i>       |                             | Nyl.                           |                                     | Ann. Sci. Nat. Bot., séri. 4, 15: 39 (1861)               | unknown        |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>salicinum</i>      |                             | Pers.                          |                                     | Ann. Bot. (Usteri) 7: 20 (1794)                           | unknown        |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>subquercinum</i>   |                             | Asah.                          |                                     | J. Jap. Bot. 8: 2 (1932)                                  | unknown        |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>tricolor</i>       |                             | F. Wilson                      |                                     | Victorian Naturalist 6: 64 (1869)                         | unknown        |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>victorianum</i>    | var. <i>desidiosum</i>      | Tibell                         |                                     | Symb. Bot. Upsal. 27: 64 (1987)                           | unknown        |
| 709 | Caliciaceae     | <i>Calicium</i>  | <i>victorianum</i>    | var. <i>victorianum</i>     | (F. Wilson) Tibell             |                                     | Nova Acta Regiae Soc. Sci. Upsal., séri. 3, 3: 218 (1889) | unknown        |
| 786 | Teloschistaceae | <i>Caloplaca</i> | <i>cerina</i>         |                             | (Enth.) Th. Fr.                |                                     | Lich. Arct.: 118 (1860)                                   | unknown        |
| 786 | Teloschistaceae | <i>Caloplaca</i> | <i>cinnabarina</i>    |                             | (Ach.) Zahlbr.                 |                                     | Cat. Lich. Univ. 7: 226 (1931)                            | Nk             |
| 786 | Teloschistaceae | <i>Caloplaca</i> | <i>citrina</i>        |                             | & K. Prantl                    |                                     | Cat. Lich. Univ. 7: 116 (1930)                            | Di, Nk, Aw     |
| 786 | Teloschistaceae | <i>Caloplaca</i> | <i>cupulifera</i>     |                             | (Haffm.) Th. Fr.               |                                     | Nova Acta Regiae Soc. Sci. Upsal., séri. 3, 3: 218 (1889) |                |
| 786 | Teloschistaceae | <i>Caloplaca</i> | <i>erythrosticta</i>  |                             | (Ván.) Zahlbr.                 |                                     |   |                |
| 786 | Teloschistaceae | <i>Caloplaca</i> | <i>ferruginea</i>     |                             | (Taylor) Zahlbr.               |                                     |   |                |
| 786 | Teloschistaceae | <i>Caloplaca</i> |                       |                             | (Huds.) Th. Fr.                |                                     | Nova Acta Regiae Soc. Sci. Upsal., séri. 3, 3: 223 (1861) | Mur, Mal, Aw   |

| N°  | Family          | Genus                | Species                 | Variety/subspecies     | Synonyms                         | Authority   | Literature        | IBRA regions |
|-----|-----------------|----------------------|-------------------------|------------------------|----------------------------------|---|-------------------|--------------|
| 786 | Teloschistaceae | Caloplaca            | <i>flavobrunescens</i>  |                        | (Huds.) J.R. Laundon             | Lichenologist 8: 147 (1976)                         | Jf. Swa, War, Mal |              |
| 786 | Teloschistaceae | Caloplaca            | <i>granularis</i>       |                        | (Müll. Arg.) Zahlbr.             | Cat. Lich. Univ. 7: 141 (1930)                      | unknown           |              |
| 786 | Teloschistaceae | Caloplaca            | <i>holocarpa</i>        |                        | (Hoffm.) A.E. Wade               | Lichenologist 3: 11 (1965)                          | Gs                |              |
| 786 | Teloschistaceae | Caloplaca            | <i>immaculata</i>       |                        | (Nyl.) Zahlbr.                   | Verh. K.K. Zool.-Bot. Ges. Wien 48: 365 (1898)      | unknown           |              |
| 786 | Teloschistaceae | Caloplaca            | <i>lactea</i>           |                        | (A. Massal.) Zahlbr.             | Oesterl. Bot. Z. 51: 347 (1901)                     | Gs, Nk            |              |
| 786 | Teloschistaceae | Caloplaca            | <i>latentia</i>         |                        | (Taylor) Zahlbr.                 | Cat. Lich. Univ. 7: 154 (1930)                      | unknown           |              |
| 786 | Teloschistaceae | Caloplaca            | <i>leptozona</i>        |                        | (Nyl.) Zahlbr.                   | Cat. Lich. Univ. 7: 154 (1931)                      | Nk, Di,           |              |
| 786 | Teloschistaceae | Caloplaca            | <i>luteola</i>          |                        | (Turner) Th Fr.                  | Nova Acta Regiae Soc. Uspal. séri. 3, 3: 220 (1861) | unknown           |              |
| 789 | Teloschistaceae | Caloplaca            | <i>marina</i>           |                        | (Wend.) Zahlbr. in G.E. Du Rietz | Mehl. Grund. Mod. Pflanzensoziol.: 170 (1921)       | War, Esp          |              |
| 786 | Teloschistaceae | Caloplaca            | <i>mirorum</i>          | var. <i>areolata</i>   | (Müll. Arg.) Zahlbr.             | Cat. Lich. Univ. 7: 192 (1983)                      |                   |              |
| 789 | Teloschistaceae | Caloplaca            | <i>mirorum</i>          | var. <i>minifata</i>   | (Hoffm.) Th. Fr.                 | Lichenogr. Scand. 1: 170 (1871)                     | unknown           |              |
| 789 | Teloschistaceae | Caloplaca            | <i>mirorum</i>          | var. <i>obliterata</i> | (Pers.) Jatta                    | Syll. Lich. Ital.: 238 (1900)                       | unknown           |              |
| 789 | Teloschistaceae | Caloplaca            | <i>sexcisa</i>          |                        | (Hoffm.) Nordin                  | Caloplaca, sect. Gasparinia i Nordeuropa: 87 (1972) | unknown           |              |
| 710 | Candelariaceae  | <i>Candelaria</i>    | <i>concolor</i>         |                        | (Dicks.) B. Stein in F.J. Cohn   | Krypt.-Fl. Schlesien 2(2): 84 (1879)                | unknown           |              |
| 710 | Candelariaceae  | <i>Candelariella</i> | <i>artenaria</i>        |                        | Räsänen                          | Anales Soc. Ci. Argent. 78: 137 (1939)              | Aw                |              |
| 710 | Candelariaceae  | <i>Candelariella</i> | <i>vittellina</i>       |                        | (Hoffm.) Müll. Arg.              | Bull. Herb. Boissier 2, append. 1: 47 (1894)        | Aw, Esp, War      |              |
| 710 | Candelariaceae  | <i>Candelariella</i> | <i>xanthostigma</i>     |                        | (Ach.) Leitau                    | Hedwigia 52: 196 (1912)                             | Gs, Mur, Nk       |              |
| 710 | Candelariaceae  | <i>Candelariella</i> | <i>xanthostigmoides</i> |                        | (Müll. Arg.) R.W. Rogers         | Mullerelia 5: 32 (1928)                             | Aw                |              |
| 757 | Parmeliaceae    | <i>Canomaculina</i>  | <i>subcapitata</i>      |                        | (Krempe) Elix                    | Mycotaxon 65: 477 (1997)                            | unknown           |              |
| 757 | Parmeliaceae    | <i>Canomaculina</i>  | <i>subsumpita</i>       |                        | (Nyl.) Elix                      | Mycotaxon 65: 477 (1997)                            | unknown           |              |
| 757 | Parmeliaceae    | <i>Canoparmelia</i>  | <i>macrospora</i>       |                        | Elix & J. Johnst.                | Mycotaxon 31: 491 (1988)                            | unknown           |              |
| 757 | Parmeliaceae    | <i>Canoparmelia</i>  | <i>ovariensis</i>       |                        | (Asahina) Elix                   | Mycotaxon 47: 127 (1993)                            | Nk                |              |
| 757 | Parmeliaceae    | <i>Canoparmelia</i>  | <i>pruinata</i>         |                        | (Müll. Arg.) Elix & J. Johnst.   | Brunonia 9: 158 (1986)                              | Aw, Jf, War, Gs   |              |
| 757 | Parmeliaceae    | <i>Canoparmelia</i>  | <i>subbarida</i>        |                        | Elix                             | Mycotaxon 47: 103 (1993)                            | Esp               |              |
| 711 | Catillariaceae  | <i>Catillaria</i>    | <i>chaetophela</i>      |                        | (Borrer) A. Massal.              | Ric. Auton. Lich. Crost.: 79 (1952)                 | Mal               |              |
| 711 | Catillariaceae  | <i>Catillaria</i>    | <i>lenticularis</i>     |                        | (Ach.) Th. Fr.                   | Lichenogr. Scand. 1: 567 (1874)                     | unknown           |              |
| 705 | Bacidiaceae     | <i>Catinaria</i>     | <i>atropurpurea</i>     |                        | (Schaer.) Vézda & Poelt          | Bestimmungs. Eur. Flechten, Etg. 2: 363 (1981)      | Esp               |              |
| 757 | Parmeliaceae    | <i>Cetraria</i>      | <i>aculeata</i>         |                        | (Schreb.) Fr.                    | Nov. Sched. Critic. Lich.: 26 (1826)                |                   |              |
| 721 | Coniocybaceae   | <i>Chaeotheca</i>    | <i>brunnula</i>         |                        | (Ach.) Müll. Arg.                | Mém. Soc. Phys. Genève 16: 360 (1862)               | unknown           |              |
| 721 | Coniocybaceae   | <i>Chaeotheca</i>    | <i>carthusiae</i>       |                        | (Harm.) Lettau                   | Festschr. Preuss. Bot. Viert.: 27 (1912)            | unknown           |              |
| 721 | Coniocybaceae   | <i>Chaeotheca</i>    | <i>chlorrella</i>       |                        | (Ach.) Müll. Arg.                | Mém. Soc. Phys. Genève 16: 360 (1862)               | unknown           |              |
| 721 | Coniocybaceae   | <i>Chaeotheca</i>    | <i>feruginea</i>        |                        | (Turner & Sm.) Migula            | Krypt.-Fl. Deutschl., Flecht. 2: 479 (1931)         | unknown           |              |

| Nº  | Family           | Genus                  | Species               | Variety/subspecies                        | Synonyms                         | Authority   | Literature   | IBRA regions                          |
|-----|------------------|------------------------|-----------------------|---|----------------------------------|---|--|---------------------------------------|
| 751 | Mycocaliciaceae  | <i>Chaenothecopsis</i> | <i>debilis</i>        |   |                                  | (Turner & Borrer) Tibell                                      | Symb. Bot. Upsal. 21: 45 (1975)                      | unknown                               |
| 751 | Mycocaliciaceae  | <i>Chaenothecopsis</i> | <i>pusilla</i>        |   |                                  | (Flörke) A. Schmidt.  | Mitt. Staatsinst. Allg. Bot. Hamburg 13: 148 (1970). | unknown                               |
| 757 | Parmeliaceae     | <i>Chondropsis</i>     | <i>semiviridis</i>    |   |                                  | (F. Muell. ex Nyl.) Nyl. in J. Linn. Soc. Bot. 17: 397 (1879) | Coo., Nul., Mai., Aw                                 |                                       |
| 714 | Chrysotrichaceae | <i>Chrysotricha</i>    | <i>candelaris</i>     |   |                                  | (L.) J.R. Laudon  | Lichenologist 13: 110 (1981)                         | Mur., Nk., Esp., War., Jf., Mai       |
| 716 | Cladoniaceae     | <i>Cladia</i>          | <i>aggregate</i>      |   |                                  | (Sw.) Ny.   | Compt. Rend. Hebdo. Séances Acad. Sci. 83: 88 (1876) | Jf., Aw., Sva., War., Esp., Mai       |
| 716 | Cladoniaceae     | <i>Cladia</i>          | <i>coralliazon</i>    |   |                                  | F. Wilson ex Flison   | Victorian Naturalist 87: 324 (1970)                  | Mal., Aw                              |
| 716 | Cladoniaceae     | <i>Cladia</i>          | <i>ferdinandii</i>    |   |                                  | (Muñ. Arg.) Flison  | Victorian Naturalist 87: 325 (1970)                  | Mal., Esp., Jf., War., Sva            |
| 716 | Cladoniaceae     | <i>Cladia</i>          | <i>infusa</i>         |   |                                  | (F. Wilson) D.J. Galloway                                     | Nova Hedwigia 28: 476 (1977)                         | unknown                               |
| 716 | Cladoniaceae     | <i>Cladia</i>          | <i>retipora</i>       |   |                                  | (Labill.) Ny.   | Compt. Rend. Hebdo. Séances Acad. Sci. 83: 88 (1876) | Aw., War                              |
| 716 | Cladoniaceae     | <i>Cladia</i>          | <i>schizophora</i>    |   |                                  | (Nyl.) Ny.  | Rev. Bot. Bull. Mens. 6: 161 (1888)                  | War., Esp                             |
| 716 | Cladoniaceae     | <i>Cladia</i>          | <i>stullianii</i>     |   |                                  | (Muñ. Arg.) W. Martin   | Trans. Roy. Soc. New Zealand Bot. 2: 44 (1962)       | Aw., Sva                              |
| 716 | Cladoniaceae     | <i>Cladina</i>         | <i>confusa</i>        | f. <i>confusa</i>                         | see <i>Cladonia confusa</i>      | (R. Sant.) Folmann & Athi in G. Folman                        | Philippia 4: 32 (1981)                               | Jf.                                   |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>angustifolia</i>   |   |                                  | Nyl.  | Ann. Sci. Nat. Bot. sér. 4, 11: 236 (1859)           | War., Jf.                             |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>calyciformis</i>   |   |                                  | Nuno  | J. Jap. Bot. 47: 161 (1972)                          | War., Jf.                             |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>capitellata</i>    | var. <i>capitellata</i>                   |                                  | (Hook. f. & Taylor) C. Bab. in J.D. Hooker                    | Fl. Nov. Zel. 2: 296 (1855)                          | War., Esp., Jf.                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>capitellata</i>    | var. <i>interfasciens</i>                 |                                  | (Nyl.) Sandst.  | Repert. Spec. Nov. Regni Veg. Beih. 103: 36 (1938)   | unknown                               |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>capitellata</i>    | var. <i>squamatica</i>                    |                                  | A.W. Archer   | Proc. Linn. Soc. New South Wales 108: 193 (1986)     | War                                   |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>cenococcinea</i>   | subsp. <i>verticillata</i>                |                                  | (Hoffm.) Antt   | Lichenologist 12: 126 (1980)                         | Jf., War., Sva., Esp., Aw., Mai., Coo |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>chlorophaea</i>    |   |                                  | (Flörke ex Sommerf.) Spreng. in C. Ilinnaeus                  | Syst. Veg. 16th edn, 4: 273 (1827)                   | Wa                                    |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>confusa</i>        | <i>Cladinia confusa</i> f. <i>confusa</i> | R. Sant.                         | Ark. Bot. 30A(10): 13 (1942)                                  | Jf.  |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>crispata</i>       | var. <i>cetratiformis</i>                 | (Délise) Vain                    | Acta Soc. Fauna Fl. Fenn. 4: 392 (1887)                       | Wa., Esp., War                                       |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>eranaria</i>       |   | Nyl. in W. von Zwackh-Holzhausen | Rev. Cladonia: 1 (1888)                                       | Esp., War  |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>fimbriata</i>      |   | Fr.                              | Lichenogr. Eur. Reform.: 222 (1831)                           | War., Esp  |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>flericanea</i>     |   | (Fr.) Flörke                     | De ladon.: 98 (1828)  | War  |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>gibbosa</i>        |   | S. Hammer                        | Bryologist 104: 570 (2001) [2002]                             |  |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>humilis</i>        |   | (With.) J.R. Laundon             | Lichenologist 16: 220 (1984)                                  | War  |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>imbricata</i>      |   | S. Hammer                        | Bryologist 104: 571 (2001) [2002]                             |  |                                       |
| 716 | Cladoniaceae     | <i>Cladonia</i>        | <i>krempehlhuberi</i> |   | (Vain.) Zahlbr.                  | Cat. Lic. Univ. 4: 552 (1927)                                 | War., Jf.  |                                       |

| N°  | Family          | Genus       | Species                 | Variety/subspecies   | Synonyms  | Authority  | Literature | IBRA regions          |
|-----|-----------------|-------------|-------------------------|----------------------|---|--|------------|-----------------------|
| 716 | Cladoniaceae    | Cladonia    | <i>macilenta</i>        |                      | Hoffm.  | Deutschl. Fl. 2: 126 (1796)                          |            | War, Swa              |
| 716 | Cladoniaceae    | Cladonia    | <i>meroochlorophaea</i> |                      | Asah.   | J. Jap. Bot. 16: 713 (1940)                          |            | War                   |
| 716 | Cladoniaceae    | Cladonia    | <i>nudicaulis</i>       |                      | S. Hammer   | Biologist 104: 572 (2001) [2002]                     |            |                       |
| 716 | Cladoniaceae    | Cladonia    | <i>ochrochlora</i>      |                      | Förke   | De Cladon.: 75 (1928)                                |            | War                   |
| 716 | Cladoniaceae    | Cladonia    | <i>pleurota</i>         |                      | (Förke) Scher.                                    | Enum. Crit. Lich. Eur.: 186 (1850)                   |            | War, Esp              |
| 716 | Cladoniaceae    | Cladonia    | <i>praeternissa</i>     |                      | A.W. Archer                                       | Muelleria 5: 273 (1984)                              | unknown    |                       |
| 716 | Cladoniaceae    | Cladonia    | <i>ramulosa</i>         |                      | (With.) J.R. Laundon                              | Lichenologist 16: 225 (1984)                         | Jf. War    |                       |
| 716 | Cladoniaceae    | Cladonia    | <i>rigida</i>           | var. <i>acuta</i>    | (Taylor) A.W. Archer                              | Muelleria 7: 175 (1990)                              |            | War                   |
| 716 | Cladoniaceae    | Cladonia    | <i>rigida</i>           | var. <i>rigida</i>   | (Hook f. & Taylor) Hampson                        | Linnæa 28: 216 (1856)                                |            | War, Esp              |
| 716 | Cladoniaceae    | Cladonia    | <i>scabrinuscule</i>    |                      | (Deise) Nyg.                                      | Compt. Rend. Hebdo. Séances Acad. Sci. 83: 88 (1876) | unknown    |                       |
| 716 | Cladoniaceae    | Cladonia    | <i>southlandica</i>     |                      | W. Martin   | Trans. Roy. Soc. New Zealand, Bot. 2: 42 (1962)      |            | Esp, Swa              |
| 716 | Cladoniaceae    | Cladonia    | <i>subradiata</i>       |                      | (Vain.) Sandst.                                   | Abh. Naturwiss. Vereine Bremen 25: 230 (1922)        |            |                       |
| 716 | Cladoniaceae    | Cladonia    | <i>sulcata</i>          | var. <i>striata</i>  | A.W. Archer                                       | Muelleria 6: 386 (1987)                              |            | War                   |
| 716 | Cladoniaceae    | Cladonia    | <i>sulcata</i>          | var. <i>wilsonii</i> | (A.W. Archer) A.W. Archer & J.K. Bartlett         | New Zealand J. Bot. 24: 583 (1986)                   | unknown    |                       |
| 716 | Cladoniaceae    | Cladonia    | <i>tessellata</i>       |                      | Anti & Kashiw. in H. Inoue<br>(ed.)               | Crypt. S. Chile: 145 (1984)                          |            | Jf. Swa, Esp, Aw, War |
| 735 | Lecanoraceae    | Clauzadeana | <i>macula</i>           |                      | (Taylor) Coppins & Rambold                        | Biblioth. Lichenol. 34: 85 (1989)                    | unknown    |                       |
| 718 | Coccocarpiaceae | Coccocarpia | <i>erythroxili</i>      |                      | (Spreng.) Swinscow & Krog                         | Nonweg. J. Bot. 23: 254 (1976)                       | War Aw     |                       |
| 718 | Coccocarpiaceae | Coccocarpia | <i>palmicola</i>        |                      | (Spreng.) Arn. & D.J. Galloway                    | Bot. Not. 132: 242 (1979)                            |            |                       |
| 718 | Coccocarpiaceae | Coccocarpia | <i>pellita</i>          |                      | (Ach.) Müll Arg.                                  | Symb. Bot. Upsal 12(1): 420 (1952)                   | Nk         |                       |
| 720 | Collemataceae   | Collema     | <i>coccophorum</i>      |                      | Tuck.   | Proc. Amer. Acad. Arts 5: 385 (1882)                 | Mur Coo Gs |                       |
| 720 | Collemataceae   | Collema     | <i>duriæzii</i>         |                      | Degel.  | Symb. Bot. Upsal 20(20): 98 (1974)                   |            |                       |
| 720 | Collemataceae   | Collema     | <i>implicatum</i>       |                      | Nyg.  | Acta Soc. Sci. Fenn. 7: 428 (1983)                   | unknown    |                       |
| 720 | Collemataceae   | Collema     | <i>leucocarpum</i>      |                      | Hook f. & Taylor                                  | London J. Bot. 3: 657 (1844)                         | unknown    |                       |
| 720 | Collemataceae   | Collema     | <i>subconveniens</i>    |                      | Nyg.  | Lich. Nov. Zell.: 8 (1888)                           | War        |                       |
| 709 | Caliciaceae     | Cyphelium   | <i>trachylloidès</i>    |                      | (Nyl.) Erichsen ex Kiesl.                         | Rabenh. Krypt. Fl. 9(1): 734 (1938)                  | unknown    |                       |
| 756 | Pannariaceae    | Degelia     | <i>flabellata</i>       |                      | P.M. Jørg & P. James                              | Biblioth. Lichenol. 38: 269 (1990)                   | Jf War     |                       |
| 756 | Pannariaceae    | Degelia     | <i>subcrustata</i>      |                      | P.M. Jørg & Kantvilas in Jørgensen et al.         | Lichenologist 32: 260 (2000)                         |            |                       |
| 764 | Physciaceae     | Dimelaena   | <i>australlensis</i>    |                      | H. Mayrhofer & Sheard in Biologist 87: 247 (1984) |  | unknown    |                       |
| 764 | Physciaceae     | Dimelaena   | <i>elevata</i>          |                      | J.W. Sheard & H. Mayrhofer                        |  |            |                       |
| 764 | Physciaceae     | Dimelaena   | <i>tenuis</i>           |                      | Elix, Kalb & Wippel                               | Mycotaxon 58: 298 (1996)                             | NK         |                       |
|     |                 |             |                         |                      | (Müll. Arg.) H. Mayrhofer                         | Mycotaxon 58: 304 (1996)                             |            |                       |

| Nº  | Family           | Genus         | Species          | Variety/subspecies      | Synonyms                                 | Authority<br>& Wippel in Mayrhofer et al.                          | Literature            | IBRA regions |
|-----|------------------|---------------|------------------|-------------------------|--|--|-----------------------|--------------|
| 764 | Physciaceae      | Diploicia     | canescens        |                         | (Dicks.) A. Massal.                      | Ric Auton. Lich. Crost.: 86 (1852)                                 | Jf Gs                 |              |
| 803 | Theletremataceae | Diploschistes | actinostomus     |                         | (Pers.) Zahlbr.                          | Hedwigia 31: 34 (1892)   |                       |              |
| 803 | Theletremataceae | Diploschistes | albomarginatus   |                         | C.W. Dodge                               | Beih. Nova. Hedwigia 12: 106 (1964)                                | Nk                    |              |
| 803 | Theletremataceae | Diploschistes | diploschistoides |                         | (Vain.) Salsbury                         | Lichenologist 5: 273 (1972)  |                       |              |
| 803 | Theletremataceae | Diploschistes | elegans          |                         | (A. Massal.) J. Steiner                  | Verh. Zool.-Bot. Ges. Wien 69: 96 (1919)                           | Esp Gs                |              |
| 803 | Theletremataceae | Diploschistes | gypsaceus        |                         | (Ach.) Zahlbr.                           | Hedwigia 31: 35 (1892)   | unknown               |              |
| 803 | Theletremataceae | Diploschistes | hennseniae       |                         | Lumbsch & Elix                           | Pl. Syst. Evol. 150: 276 (1987)                                    | Coo Mur Aw            |              |
| 803 | Theletremataceae | Diploschistes | muscorum         | subsp. <i>bartleii</i>  | Lumbsch                                  | Herzogia 7: 632 (1987)   | Gs                    |              |
| 803 | Theletremataceae | Diploschistes | ocellatus        |                         | (Vill.) Norman                           | Nytt Mag. Naturvidensk 7: 232 (1853)                               | Mur Aw Coo Car Swa Gs |              |
| 803 | Theletremataceae | Diploschistes | scriptus         |                         | (Schreb.) Norman                         | Nytt Mag. Naturvidensk 7: 232 (1853)                               | Mur Coo Aw            |              |
| 803 | Theletremataceae | Diploschistes | strigatus        |                         | (Korb.) Müll Arg.                        | Bull. Herb. Bolliet 2, Append. 1: 52 (1894)                        | Nk                    |              |
| 803 | Theletremataceae | Diploschistes | thunbergianus    |                         | Lumbsch & Vezda                          | Nova Hedwigia 56: 234 (1983)                                       | Mal Aw Coo            |              |
| 764 | Physciaceae      | Diploisma     | alboatum         |                         | <i>Bielzia alboatra</i> (Hoffm.) Flot.   | Uebers. Arbeiten Veränd. Schles. Ges. Vaterl. Cult. 27: 130 (1849) | Car                   |              |
| 764 | Physciaceae      | Drimaria      | argillita        |                         | (Ach.) Moore                             | Biologist 71: 248 (1968)   | Nk                    |              |
| 764 | Physciaceae      | Drimaria      | applanata        |                         | (Fée) Awasthi                            | J. Indian Bot. Soc. 49: 135 (1970)                                 | Di                    |              |
| 764 | Physciaceae      | Drimaria      | batavica         |                         | Awasthi                                  | Biblioth. Lichenol. 2: 42 (1975)                                   | Nk Vb Ovp             |              |
| 764 | Physciaceae      | Drimaria      | confluens        |                         | (Fr.) Awasthi                            | Biblioth. Lichenol. 2: 28 (1975)                                   | Di Car Nk             |              |
| 764 | Physciaceae      | Drimaria      | picta            |                         | (Sw.) Schaer ex Clem.                    | Gen. Fung. 323 (1931)  | Di                    |              |
| 727 | Graphidaceae     | Dyplolabria   | afzelii          |                         | <i>Graphis afzelii</i> (Ach.) A. Massal. | Neog. Lich.: 6 (1854)  | Mur, Aw               |              |
| 795 | Verrucariaceae   | Endocarpon    | airidum          |                         | P.M. McCarthy                            | Lichenologist 23: 28 (1991)  | Mur                   |              |
| 795 | Verrucariaceae   | Endocarpon    | crassisporum     |                         | P.M. McCarthy & Filson                   | Lichenologist 23: 31 (1991)  | Jf                    |              |
| 795 | Verrucariaceae   | Endocarpon    | helmsianum       |                         | Müll. Arg.                               | Hedwigia 31: 197 (1892)  | Mur                   |              |
| 795 | Verrucariaceae   | Endocarpon    | macrosporum      |                         | P.M. McCarthy                            | Lichenologist 23: 35 (1991)  | unknown               |              |
| 795 | Verrucariaceae   | Endocarpon    | paullidum        |                         | Ach.                                     | Lichenologist 23: 301 (1991)                                       | Di                    |              |
| 795 | Verrucariaceae   | Endocarpon    | pusillum         |                         | Hedwig.                                  | Descr. Micr.-Anal. Musc. Frons. 2: 56 (1789)                       | Coo Mur               |              |
| 795 | Verrucariaceae   | Endocarpon    | robustum         |                         | P.M. McCarthy                            | Lichenologist 23: 41 (1991)  | unknown               |              |
| 795 | Verrucariaceae   | Endocarpon    | simplicatum      | var. <i>bispinosum</i>  | P.M. McCarthy                            | Lichenologist 23: 48 (1991)  | unknown               |              |
| 795 | Verrucariaceae   | Endocarpon    | simplicatum      | var. <i>simplicatum</i> | (Nyl.) Nyl. in A.M. Hue                  | Rev. Bot. Courriens 6: 104 (1888)                                  | Mal Mur Esp           |              |
| 740 | Lichinaceae      | Ephabe        | lanata           |                         | (L.) Vain                                | Meddeleand. Soc. Fauna Fl. Fenn. 14: 20 (1886)                     | Aw Esp Jf             |              |
| 757 | Parmeliaceae     | Flavoparmelia | difficilis       |                         | Elix & J. Johnst.                        | Mycotaxon 33: 391 (1988)   | unknown               |              |
| 757 | Parmeliaceae     | Flavoparmelia | ferax            |                         | (Müll. Arg.) Hale                        | Mycotaxon 25: 604 (1986)   | Mur Mal Jf            |              |
| 757 | Parmeliaceae     | Flavoparmelia | hayesii          |                         | (C.W. Dodge) Hale                        | Mycotaxon 25: 605 (1986)   | War Esp Jf            |              |
| 757 | Parmeliaceae     | Flavoparmelia | praeuplecta      |                         | Elix & J. Johnst.                        | Mycotaxon 33: 395 (1988)   | unknown               |              |

| Nº  | Family          | Genus                  | Species               | Variety/subspecies                        | Synonyms                                | Authority  | Literature                              | IBFA regions |
|-----|-----------------|------------------------|-----------------------|---|---|--|---|--------------|
| 757 | Parmeliaceae    | <i>Flavoparmelia</i>   | <i>tutidota</i>       |   | (Hook. f. & Taylor) Hale                | Mycotaxon 25: 605 (1986)                         | Coo Swa Jf Mal Gs Aw Nul                |              |
| 757 | Parmeliaceae    | <i>Flavoparmelia</i>   | <i>scabrosina</i>     |   | Elix & J. Johnst.                       | Mycotaxon 33: 396 (1988)                         | Esp Mur<br>unknown                      |              |
| 757 | Parmeliaceae    | <i>Flavoparmelia</i>   | <i>secalonica</i>     |   | Elix & J. Johnst.                       | Mycotaxon 33: 398 (1988)                         | unknown                                 |              |
| 757 | Parmeliaceae    | <i>Flavoparmelia</i>   | <i>soredians</i>      |   | (Nyl.) Hale                             | Mycotaxon 25: 605 (1986)                         | Swa Esp Jf Nul                          |              |
| 757 | Parmeliaceae    | <i>Flavoparmelia</i>   | <i>springionensis</i> |   | (Elix) Hale                             | Mycotaxon 25: 605 (1986)                         | unknown                                 |              |
| 786 | Teloschistaceae | <i>Fulgerisia</i>      | <i>bracteata</i>      |   | (Hoffm.) Räsänen                        | Flecht. Est. 1: 108 (1931)                       | Gs Mur Swa                              |              |
| 786 | Teloschistaceae | <i>Fulgerisia</i>      | <i>subbracteata</i>   |   | (Nyl.) Poelt                            | Sched. Lich. Alp.: 137 (1961)                    | Coo Mal Swa                             |              |
| 730 | Hepiacae        | <i>Gibcohypothecia</i> | <i>turgida</i>        |   | (Ach.) Gyeln.                           | Reptit. Spec. Nov. Regn. Veg. 38: 312 (1935)     | Ck                                      |              |
| 727 | Graphidaceae    | <i>Graphis</i>         | <i>azizii</i>         | see <i>Dyplolabia azizii</i>              | Ach.                                    | Syn. Meth. Lich.: 85 (1814)                      | Mur Aw                                  |              |
| 727 | Graphidaceae    | <i>Graphis</i>         | <i>anfractuosa</i>    |   | (Eschw.) Eschw. in                      | Fl. Bras. Enum. Pl. 1: 86 91833                  |   |              |
| 727 | Graphidaceae    | <i>Graphis</i>         | <i>inamoena</i>       |   | Mariüs                                  | Zahlbr.  |   |              |
| 727 | Graphidaceae    | <i>Graphis</i>         | <i>scripta</i>        |   | (Wigg.) Ach.                            | Ann. Cryptog. Exot. 1: 126 (1928)                |   |              |
| 727 | Graphidaceae    | <i>Graphis</i>         | <i>eremaeum</i>       | <i>msspp. to Lichenostigma hyalospora</i> | R.W. Rogers                             | Kongl. Vetensk. Akad. Nya Handl. 28: 145 (1809)  | Esp                                     |              |
| 735 | Lecanoraceae    | <i>Haematomma</i>      | <i>smilis</i>         |   | Bag.                                    | Lichenologist 14: 124 (1982)                     | Coo Mal Mur Aw Esp                      |              |
| 735 | Lecanoraceae    | <i>Haematomma</i>      | <i>sordidatum</i>     |   | R.W. Rogers                             | Nuovo Giorn. Bot. Ital. 7: 248 (1875)            | unknown                                 |              |
| 764 | Physciaceae     | <i>Hafellia</i>        | <i>disciformis</i>    | <i>Buellia disciformis</i>                | (F.) Marbach & H. Mayrhofer in Marbach  | Lichenologist 14: 128 (1982)                     | War                                     |              |
| 764 | Physciaceae     | <i>Hafellia</i>        | <i>dissa</i>          |   | (Stir.) H. Mayrhofer & Sheard in Sheard | Biblioth. Lichenol. 4: 259 (2000)                |   |              |
| 764 | Physciaceae     | <i>Hafellia</i>        | <i>reagens</i>        |   | Pusswald in Marbach                     | Biblioth. Lichenol. 74: 281 (2000)               |   |              |
| 764 | Physciaceae     | <i>Hafellia</i>        | <i>terrapla</i>       |   | (Nyl.) Pusswald in                      | Biblioth. Lichenol. 74: 288(2000)                |   |              |
| 730 | Hepiacae        | <i>Hepia</i>           | <i>despreauxii</i>    |   | (Mont.) Tuck.                           | Gen. Lich.: 46 (1872)                            | Nk                                      |              |
| 730 | Hepiacae        | <i>Hepia</i>           | <i>luteola</i>        |   | (Ach.) Nyl.                             | Syn. Meth. Lich. 2: 45 (1863)                    | Mur                                     |              |
| 716 | Cladoniaceae    | <i>Heterodaea</i>      | <i>baugileholei</i>   |   | Filson                                  | Lichenologist 10: 18 (1978)                      | Coo Mur Gas Aw                          |              |
| 716 | Cladoniaceae    | <i>Heterodaea</i>      | <i>mulleri</i>        |   | (Hampe) Nyl.                            | Bull. Soc. Linn. Normandie, ser. 2, 2: 47 (1867) | Mur Coo Esp Aw Gs Yal Swa<br>Jf War Mal |              |
| 764 | Physciaceae     | <i>Heterodermia</i>    | <i>dendritica</i>     |   | (Pers.) Poelt                           | Nova Hedwigia 9: 31 (1965)                       | unknown                                 |              |
| 764 | Physciaceae     | <i>Heterodermia</i>    | <i>japonica</i>       |   | (Sato) Swinscow & Krog                  | Lichenologist 8: 122 (1976)                      | Aw                                      |              |
| 764 | Physciaceae     | <i>Heterodermia</i>    | <i>microphylla</i>    | <i>msspp. = H. obscurata</i>              | (Kurok.) Swinscow & Krog                | Lichenologist 8: 132 (1976)                      | War                                     |              |
| 764 | Physciaceae     | <i>Heterodermia</i>    | <i>obscurata</i>      |   | (Nyl.) Trevis.                          | Nuovo Giorn. Bot. Ital. 1: 114 (1869)            | War Esp Jf Swa                          |              |
| 764 | Physciaceae     | <i>Heterodermia</i>    | <i>speciosa</i>       |   | (Wulfen) Trevis.                        | Atti Soc. Ital. Sci. Nat. 11: 614 (1869)         | unknown                                 |              |
| 764 | Physciaceae     | <i>Hyperphyscia</i>    | <i>arglutinata</i>    |   | (Flörke) H. Mayrhofer & Poelt           | Herzogia 5: 62 (1979)                            | Mur Coo                                 |              |
| 763 | Phylloporaceae  | <i>Hypocenomyce</i>    | <i>australis</i>      |   | Timdal                                  | Nordic J. Bot. 4:95 (1984)                       | unknown                                 |              |

| N°  | Family          | Genus                 | Species                  | Variety/subspecies        | Synonyms                | Authority                                | Literature  | IBRA regions   |
|-----|-----------------|-----------------------|--------------------------|---------------------------|-------------------------|--|---|----------------|
| 763 | Phyllopsidaceae | <i>Hypogymnia</i>     | <i>fouveata</i>          |                           |                         | Timbal<br>(Ach.) M. Choisy               | Noedt J. Bot. 4: 98 (1904)                                      | War            |
| 763 | Phyllopsidaceae | <i>Hypogymnia</i>     | <i>scalaris</i>          |                           |                         |  | Bull. Mens. Soc. Limn. Soc. Bot. Lyon 22: 103 (1953)            |                |
| 757 | Parmeliaceae    | <i>Hypogymnia</i>     | <i>lugubris</i>          |                           |                         | (Pers.) Krog                             | Norsk Polarinst. Skr. 144: 99 (1968)                            | unknown        |
| 757 | Parmeliaceae    | <i>Hypogymnia</i>     | <i>pulchritabata</i>     |                           |                         | (Bitter) Elix                            | Brunonia 2: 214 (1979)  | Mal AW, Esp    |
| 757 | Parmeliaceae    | <i>Hypogymnia</i>     | <i>pulverata</i>         |                           |                         | (Nyf.) Elix                              | Brunonia 2: 217 (1979)  | War Jf         |
| 757 | Parmeliaceae    | <i>Hypogymnia</i>     | <i>subphysodes</i>       | var. <i>austerodoides</i> |                         | Elix                                     | Brunonia 2: 230 (1979)  | War Jf Swa     |
| 757 | Parmeliaceae    | <i>Hypogymnia</i>     | <i>subphysodes</i>       | var. <i>subphysodes</i>   |                         | (Krempe) Filson                          | Victorian Naturalist 87: 325 (1970)                             | War Jf Swa Esp |
| 757 | Parmeliaceae    | <i>Hypotrichyna</i>   | <i>revoluta</i>          |                           |                         | (Flörke) Hale                            | Smithsonian Contr. Bot. 25: 60 (1975)                           |                |
| 757 | Parmeliaceae    | <i>Imshaugia</i>      | <i>aleurites</i>         |                           |                         | (Ach.) S. L. Mey.                        | Mycologia 77: 338 (1985)  | Jf             |
| 795 | Verrucariaceae  | <i>Lauderlindsaya</i> | <i>borealis</i>          |                           |                         | (Tul.) J. C. David & D. Hawksw.          | Sydowia 41: 116 (1989)  | unknown        |
| 705 | Bacidiaceae     | <i>Lecania</i>        | <i>erysibe</i>           |                           |                         | (Ach.) Mudd                              | Man. Brit. Lich.: 141 (1861)                                    | unknown        |
| 705 | Bacidiaceae     | <i>Lecania</i>        | <i>turicensis</i>        |                           |                         | (Hepp.) Müll. Arg. - Zahlbr.             | Cat. Lic. Univ. 5: 749 (1928)                                   | Swa            |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>arafurensis</i>       |                           |                         | Lumbsch & Elix                           | Mycotaxon 67: 392 (1998)  |                |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>anthemica</i>         |                           |                         | Lumbsch                                  | J. Hattori Bot. Lab. 77: 68 (1994)                              | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>austrifrontemesca</i> |                           |                         | Lumbsch & Elix                           | Mycotaxon 67: 393 (1998)  |                |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>austrisorediosa</i>   |                           | <i>Biatyra soredosa</i> | (Rambold) Lumbsch                        | Australas. Lichenol. 45: 10 (1999)                              | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>cesiorubella</i>      |                           |                         | Ach.                                     | Lichenogr. Universali: 366 (1810)                               | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>elphelia</i>          |                           |                         | Stizenb.                                 | Ber. Tätigk. St. Galischen. Naturwiss. Ger. 1888-89: 220 (1890) | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>expallens</i>         |                           |                         | Ach.                                     | Lichenogr. Universali: 374 (1810)                               |                |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>farinacea</i>         |                           |                         | Fée                                      | Essai Crypt. écorc.: 117 (1824)                                 | Jf Esp         |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>flavidomarginata</i>  |                           |                         | de Lesd.                                 | Lich. Mexique: 14 (1914)  | Aw             |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>flavopallida</i>      |                           |                         | Stirt.                                   | J. Linn. Soc. Bot. 14: 463 (1825)                               | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>helva</i>             |                           |                         | Stizenb.                                 | Ber. Tätigk. St. Galischen. Naturwiss. Ger. 1888-89: 218 (1890) | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>leprosa</i>           |                           |                         | Fée                                      | Essai Crypt. Ecorc.: 118 (1824)                                 |                |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>lividocinerea</i>     |                           |                         | Begl.                                    | Nuovo Giorn. Bot. Ital. 11: 75 (1879)                           | Swa            |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>mayrhoferi</i>        |                           |                         | Lumbsch <i>in</i> H.T.<br>Lumbsch et al. | Bot. Acta 107: 33 (1993)  | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>mobergiana</i>        |                           |                         | Lumbsch & Elix                           | Mycotaxon 67: 398 (1998)  |                |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>pallida</i>           |                           |                         | (Schreb.) Rabenh.                        | Deutschl. Krypt.-Fl. 2: 34 (1845)                               | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>plumosa</i>           |                           |                         | Müll. Arg.                               | Flora 65: 484 (1882)  | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>pseudisdera</i>       |                           |                         | Nyl.                                     | Flora 55: 354 (1872)  | unknown        |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>rupicola</i>          |                           |                         | (L.) Zahlbr.                             | Cat. Lich. Univ. 5: 525 (1928)                                  | Esp            |
| 735 | Lecanoraceae    | <i>Lecanora</i>       | <i>sphaeroспора</i>      |                           |                         | Müll. Arg.                               | Hedwigia 31: 196 (1892)   | Gs Mur Swa     |

| Nº  | Family            | Genus                | Species               | Variety/subspecies          | Synonyms   | Authority   | Literature | IBRA regions |
|-----|-------------------|----------------------|-----------------------|-----------------------------|--|---|------------|--------------|
| 735 | Lecanoraceae      | <i>Lecanora</i>      | <i>subimmersa</i>     |                             | (Féé) Vain.  | Étud. Class. Lich. Brésil 1: 98 (1890)            | unknown    |              |
| 735 | Lecanoraceae      | <i>Lecanora</i>      | <i>tropica</i>        |                             | Zahlbr.  | Cat. Lich. Univ. 5: 589 (1928)                    | unknown    |              |
| 735 | Lecanoraceae      | <i>Lecanora</i>      | <i>atra</i>           | see <i>Tephromelia atra</i> |  |   |            |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>capensis</i>       |                             | Zahlbr.  | Cat. Lich. Univ. 3: 532 (1925)                    | unknown    |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>contigua</i>       |                             | (Hoffm.) Fr.   | Nov. Sched. Critic. Lich.: 14 (1827)              | unknown    |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>fuscoaerula</i>    |                             | Nyl.   | Lich. Nov. Zell.: 106 (1888)                      | unknown    |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>globifera</i>      |                             | Ach.   | Methodius: 213 (1803)                             | Mur        |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>hypnorum</i>       | see <i>Pyrhospora laeta</i> | Libert in A.B. Massalongo Mem. Lichenogr. 124: (1853)                                    | Mem. Lichenogr. 124: (1853)                       | unknown    |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>laeta</i>          |                             | Taylor   | London J. Bot. 6: 149 (1847)                      | unknown    |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>multiflora</i>     |                             | Pers. in C. Gaudichaud Voy. Uranie: 193 (1826)   | Coo Gs  |            |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>ochroleuca</i>     |                             | Körb.  | Syst. Lich. Germ.: 252 (1855)                     | Jf         |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>starcognoides</i>  |                             | Nyl.   | J. Linn. Soc. Bot. 15: 177 (1876)                 | Pil        |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>terrena</i>        |                             | Zahlbr.  | Ann. Mycol. 34: 168 (1936)                        | unknown    |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>tragorum</i>       |                             | Ach.   | Syn. Meth. Lich.: 38 (1814)                       | unknown    |              |
| 736 | Lecideaceae       | <i>Lecidea</i>       | <i>varians</i>        |                             | (Ach.) Hertel & Leuckert Willdenowia 5: 375 (1969)                                       | Willdenowia 5: 375 (1969)                         | unknown    |              |
| 735 | Lecanoraceae      | <i>Lecidella</i>     | <i>sigmataea</i>      |                             | (C. Knight) Hertel Mitt. Bot. Staatsamml. München 19: 444 (1983)                         | Mit. Bot. Staatsamml. München 19: 444 (1983)      | unknown    |              |
| 735 | Lecanoraceae      | <i>Lecidella</i>     | <i>sublapidica</i>    |                             | Ach., Zahlbr.  | Cat. Lich. Univ. 7: 759 (1931)                    | Esp        |              |
| 805 | Deuteromycotina   | <i>Leparia</i>       | <i>chlorina</i>       |                             | (L.) Ach.  | Lichenogr. Suec. Prodri.: 7 (1798)                | Esp Nk     |              |
| 805 | Deuteromycotina   | <i>Leparia</i>       | <i>linicana</i>       |                             | (Vill.) Gams ex D.   | Kl. Kryptogamenfl. 3: 113 (1987)                  | Jf Aw      |              |
| 805 | Deuteromycotina   | <i>Leprocaulon</i>   | <i>microscopicum</i>  |                             | Hawskw.  | (Dicks.) Vain Természettársi Fliz. 22: 293 (1899) | Esp Nk     |              |
| 756 | Pannariaceae      | <i>Leproloma</i>     | <i>membranaceum</i>   |                             | (Sw. ex Ach.) Mont. in (P. B. Webb & S. Berthold) Hist. Nat. Iles Canaries 3: 129 (1840) | Hist. Nat. Iles Canaries 3: 129 (1840)            | Esp        |              |
| 720 | Collemataceae     | <i>Lepodium</i>      | <i>azureum</i>        |                             | (Hoffm. Minks) Floristica Z. Naturwiss. 35: 353 (1873)                                   | Floristica Z. Naturwiss. 35: 353 (1873)           | unknown    |              |
| 720 | Collemataceae     | <i>Lepodium</i>      | <i>comiculatum</i>    |                             | (Sm.) Mont. Ann. Sci. Nat. Bot. sér. 3: 18: 313 (1852)                                   | Ann. Sci. Nat. Bot. sér. 3: 18: 313 (1852)        | unknown    |              |
| 720 | Collemataceae     | <i>Lepodium</i>      | <i>menziesii</i>      |                             | (Pers.) Mont. Ann. Sci. Nat. Bot. sér. 3: 10: 134 (1848)                                 | Ann. Sci. Nat. Bot. sér. 3: 10: 134 (1848)        | unknown    |              |
| 738 | Letroutaceae      | <i>Letrotia</i>      | <i>domingensis</i>    |                             | (Pers.) Hafellner & Bellem. Nova Hedwigia 35: 281 (1982)                                 | Nova Hedwigia 35: 281 (1982)                      | unknown    |              |
| 739 | Lichenotheliaceae | <i>Lichenostigma</i> | <i>hyalospora</i>     | see Haematomma eremaeanum   |  | see Haematomma eremaeanum                         | Mal        |              |
| 739 | Lichenotheliaceae | <i>Lichenothelia</i> | <i>scopularia</i>     |                             | (Ny.) D. Hawksw.   | Lichenologist 13: 142 (1981)                      | unknown    |              |
| 739 | Lichenotheliaceae | <i>Lichenothelia</i> | <i>soltarioides</i>   |                             | Henssen  | Biblioth. Lichenol. 25: 262 (1978)                |            |              |
| 740 | Lichnaceae        | <i>Lichina</i>       | <i>minutissima</i>    |                             | Henssen  | Lichenologist 5: 449 (1973)                       | unknown    |              |
| 744 | Megaliaceae       | <i>Megalaria</i>     | <i>grossa</i>         |                             | (Pers. Ex Ny.) Hafellner Beih. Nova Hedwigia 78: 302 (1984)                              | War Jf  |            |              |
| 745 | Megalosporaceae   | <i>Megalospora</i>   | <i>occidentalis</i>   |                             | Kantvilas  | Lichenologist 26: 351 (1994)                      | War        |              |
| 757 | Parmeliaceae      | <i>Menegazzia</i>    | <i>caesiopruinosa</i> |                             | P. James in G. Kantvilas Lichenologist 19: 25 (1987)                                     | Jf War  |            |              |

| Nº  | Family           | Genus                | Species              | Variety/subspecies | Synonyms | Authority                              | Literature                                     | IBRA regions     |
|-----|------------------|----------------------|----------------------|--------------------|----------|--|--|------------------|
| 757 | Parmeliaceae     | <i>Mengazzia</i>     | <i>fertilis</i>      |                    |          | & P.W. James                           |  |                  |
| 757 | Parmeliaceae     | <i>Mengazzia</i>     | <i>platytrema</i>    |                    |          | P. James in P.W. James & D.J. Galloway | Fl. Australia 54: 312 (1992)                   | War              |
| 757 | Parmeliaceae     | <i>Mengazzia</i>     | <i>subpertusa</i>    |                    |          | (Müll. Arg.) R. Sant.                  | Ark. Bot. 30A (11): 13 (1942)                  | War Jf Aw        |
| 748 | Microcaliciaceae | <i>Microcalicium</i> | <i>conversum</i>     |                    |          | P. James & D.J. Galloway               | New Zealand J. Bot. 21: 195 (1983) in Galloway |                  |
| 751 | Mycocaliciaceae  | <i>Mycocalicium</i>  | <i>albongicum</i>    |                    |          | Tibell                                 | Bot. Not. 131: 237 (1978)                      | unknown          |
| 751 | Mycocaliciaceae  | <i>Mycocalicium</i>  | <i>subtile</i>       |                    |          | (Ny.) Tibell                           | Lichenologist 14: 238 (1982)                   | Swa              |
| 751 | Mycocaliciaceae  | <i>Mycocalicium</i>  | <i>victoriae</i>     |                    |          | (Pers.) Szat.                          | Magyar Bot. Lapok 24: 47 (1926)                | unknown          |
| 752 | Mycoporeaceae    | <i>Mycoporum</i>     | <i>querulus</i>      |                    |          | (C. Knight ex F. Wilson)               | Beih. Nova Hedwigia 79: 672 (1984)             | War              |
| 752 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>archeri</i>       |                    |          | (A. Massal.) Müll. Arg.                | Flora 65: 402 (1882)                           | War              |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>atrobarbatica</i> |                    |          | Elix                                   | Mycotaxon 63: 422 (1997)                       | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>brattii</i>       |                    |          | (Elix) Essl.                           | Biologist 89: 297 (1987)                       | War              |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   |                      |                    |          | (Essl.) Essl.                          | Mycotaxon 7: 49 (1978)                         | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>chudaiupensis</i> |                    |          | Elix                                   | Mycotaxon 21: 435 (1999)                       | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>convexa</i>       |                    |          | Elix                                   | Mycotaxon 65: 485 (1997)                       | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>glabrans</i>      |                    |          | (Ny.) Essl.                            | Mycotaxon 7: 50 (1978)                         | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>initiatrix</i>    |                    |          | (Taylor) Essl.                         | Mycotaxon 7: 50 (1978)                         | Aw Jf Coo        |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>incantata</i>     |                    |          | (Essl.) Essl.                          | Mycotaxon 7: 50 (1978)                         | Coo Aw Mur       |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>kondininensis</i> |                    |          | Elix                                   | Mycotaxon 47: 110 (1993)                       | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>loxdella</i>      |                    |          | (Essl.) Essl.                          | Mycotaxon 7: 51 (1978)                         | Aw Esp Coo       |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>luteonotata</i>   |                    |          | (J. Steiner) Essl.                     | Mycotaxon 7: 51 (1978)                         | Coo              |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>pavillobia</i>    |                    |          | (Essl.) Essl.                          | Mycotaxon 7: 51 (1978)                         |                  |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>pulla</i>         |                    |          | (Ach.) Essl.                           | Mycotaxon 7: 52 (1978)                         | Jf Esp Aw Coo Gs |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>remnantia</i>     |                    |          | Elix                                   | Mycotaxon 59: 407 (1996)                       | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>sabrosina</i>     |                    |          | Elix                                   | Mycotaxon 47: 112 (1993)                       | Mal              |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>sciamanitella</i> |                    |          | Elix                                   | Mycotaxon 7: 448 (1999)                        |                  |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>subbarbatica</i>  |                    |          | Elix                                   | Mycotaxon 47: 114 (1993)                       | unknown          |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>subimitatrix</i>  |                    |          | (Essl.) Essl.                          | Mycotaxon 7: 53 (1978)                         | Aw Jf            |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>subincerta</i>    |                    |          | (Essl.) Essl.                          | Mycotaxon 7: 53 (1978)                         |                  |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>subprolixa</i>    |                    |          | (Ny.) Ex (Klemp.) Elix                 | Mycotaxon 7: 455 (1999)                        |                  |
| 757 | Parmeliaceae     | <i>Neofuscelia</i>   | <i>verrucella</i>    |                    |          | (Essl.) Essl.                          | Mycotaxon 7: 53 (1978)                         | Coo Mur          |
| 805 | Deuteromycotina  | <i>Normandina</i>    | <i>pulchella</i>     |                    |          | (Borer) Nyi.                           | Ann. Sci. Nat. Bot. sér. 1, 4: 382 (1861)      | War              |
| 760 | Perusiaraceae    | <i>Ochrolechia</i>   | <i>pallidescens</i>  |                    |          | (L.) A. Massal.                        | Nuovi. Ann. Sc. Nat. 7: 212 (1853)             | Mur              |
| 760 | Perusiaraceae    | <i>Ochrolechia</i>   | <i>pellaea</i>       |                    |          | (L.) A. Massal.                        | Ric. Auton. Lich. Crost.: 32 (1852)            | Di Car           |
| 760 | Perusiaraceae    | <i>Ochrolechia</i>   | <i>subthalinaria</i> |                    |          | H. Magn.                               | Acta Horti Gotob. 13: 252 (1940)               | Jf               |

| N°   | Family           | Genus         | Species       | Variety/subspecies                     | Synonyms   | Authority                                    | Literature                                   | IBRA regions |
|------|------------------|---------------|---------------|--|--|--|--|--------------|
| 760  | Pertusariaceae   | Ochrolechia   | subpallensens |  | <i>Pertusaria subrhodotropa</i> (A.W. Archer) K. Schmitz & Lumbsch in Schmitz et al. | Beth. Nova Hedwigia 1: 118 (1962)            | Acta. Bot. Fenn. 150: 160 (1994)             | Aw           |
| 760  | Pertusariaceae   | Ochrolechia   | subrhodotropa |  |  |  |  |              |
| 1065 | Tricholomataceae | Omphalina     | chromacea     |  | (Cleland T.W. May & A.E. Wood  | Mycotaxon 54: 148 (1995)                     | Enchir. Fung.: 44 (1886)                     | War Jf Swa   |
| 1065 | Tricholomataceae | Omphalina     | umbellifera   |  | (L. : Fr.) Quél.   |  | Fl. Australia 5:315 (1992)                   | War Esp      |
| 756  | Pannariaceae     | Pannaria      | elixii        |  | P.M. Jørg. & D.J. Galloway   |  | Esp War                                      |              |
| 756  | Pannariaceae     | Pannaria      | lurida        |  | (Mont., Nyl.   |  |  |              |
| 756  | Pannariaceae     | Pannaria      | obscura       |  | Mull. Arg.   |  | Bull. Herb. Boissier 4: 91 (1895)            | War          |
| 756  | Pannariaceae     | Pannaria      | spinicrina    |  | (Mont.,) Hue   |  | Bull. Soc. Bot. France 48: 56 ('901') [1902] |              |
| 757  | Parmeliaceae     | Pannoparmelia | wilsonii      |  | (Räsänen) D.J. Galloway  | New Zealand J. Bot. 16: 267 (1978)           |  | War If       |
| 757  | Parmeliaceae     | Paraparmelia  | arida         |  | Elix & J. Johnst.  | Brunonia 9: 139 (1986)                       |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | aerocapnodes  |  | Elix & J. Johnst.  | Brunonia 9: 141 (1986)                       |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | bougeanica    |  | Elix   | Mycotaxon 59: 410 (1996)                     |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | connarensis   |  | (Elix) Elix & J. Johnst. in J.A. Elix et al.   | Mycotaxon 27: 280 (1986)                     |  | War          |
| 757  | Parmeliaceae     | Paraparmelia  | crawfordensis |  | Elix   | Biblioth. Lichenol. 30: 78 (2001)            |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | inconspicua   |  | Elix   | Mycotaxon 59: 411 (1996)                     |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | inselbergia   |  | Elix   | Mycotaxon 59: 412 (1996)                     |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | lumbschii     |  | Elix   | Mycotaxon 59: 413 (1996)                     |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | mongaensis    |  | (Elix) Elix & J. Johnst. in J.A. Elix et al.   | Mycotaxon 27: 280 (1986)                     |  | Esp          |
| 757  | Parmeliaceae     | Paraparmelia  | neoquintaria  |  | (Hale) Elix & J. Johnst. in J.A. Elix et al.   | Mycotaxon 27: 280 (1986)                     |  | Mur          |
| 757  | Parmeliaceae     | Paraparmelia  | saginata      |  | Elix & J. Johnst.  | Brunonia 9: 148 (1986)                       |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | sammyle       |  | Elix & J. Johnst.  | Mycotaxon 32: 408 (1988)                     |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | sargentii     |  | Elix & J. Johnst.  | Mycotaxon 32: 410 (1988)                     |  |              |
| 757  | Parmeliaceae     | Paraparmelia  | subalpina     |  | Elix & J. Johnst.  | Brunonia 9: 149 (1986)                       |  |              |
| 767  | Porpidiaceae     | Paraporpidia  | glauca        | <i>Lecidea glauca</i> (Taylor) Rambold |  | Biblioth. Lichenol. 34: 246 (1989)           | Nk Ck Mur Gs Jf                              |              |
| 767  | Porpidiaceae     | Paraporpidia  | leptocarpa    |  | (C. Bab. & Mitt.) Rambold & Herbel   | Biblioth. Lichenol. 34: 250 (1989)           | unknown                                      |              |
| 757  | Parmeliaceae     | Parmelia      | cunninghamii  |  | Cromb.   | J. Linn. Soc. Bot. 15: 228 (1876)            | Jf   |              |
| 757  | Parmeliaceae     | Parmelia      | erumpens      |  | Kurok.   | Lich. Rar. Crit. Exsicc. 2: 74 (1969)        | War  |              |
| 757  | Parmeliaceae     | Parmelia      | pellis        | misidentified                          |  |  |  | Swa          |
| 756  | Pannariaceae     | Parmellella   | furfuracea    |  | P.M. Jørg.   | Biblioth. Lichenol. 78: 127 (2001)           |  |              |
| 756  | Pannariaceae     | Parmellella   | gymnocheila   |  | (Nyl.) Mill. Arg.  | Bull. Herb. Boissier 2, Append. 1: 44 (1894) |  |              |

| N°  | Family         | Genus                | Species                 | Variety/subspecies | Synonyms                          | Authority  | Literature        | IBRA regions |
|-----|----------------|----------------------|-------------------------|--------------------|-----------------------------------|--|-------------------|--------------|
| 756 | Parmeliaceae   | <i>Parmeliella</i>   | <i>nigroincta</i>       |                    | (Mont.) Müll. Arg.                | Flora 64:86 (1881)                               |                   |              |
| 757 | Parmeliaceae   | <i>Parmelina</i>     | <i>confabrosa</i>       |                    | (Hale) Elix & J. Johnst.          | Brunnaria 9: (1986)                              | War Jf Nk         |              |
| 757 | Parmeliaceae   | <i>Parmelina</i>     | <i>endoboreica</i>      |                    | (Taylor) Hale                     | Smithsonian Contrib. Bot. 33: 27 (1976)          | unknown           |              |
| 757 | Parmeliaceae   | <i>Parmelina</i>     | <i>labrosa</i>          |                    | (Zahlbr.) Elix & J. Johnst.       | Brunnaria 9: 160 (1986)                          | War               |              |
| 757 | Parmeliaceae   | <i>Parmelina</i>     | <i>pseudorelicina</i>   |                    | (Jatta) Kantvilas & Elix          | Mulleraria 7: 513 (1992)                         | unknown           |              |
| 757 | Parmeliaceae   | <i>Parmelina</i>     | <i>quericina</i>        |                    | (Willd.) Hale                     | Phytologia 28: 483 (1974)                        | Jf Mal Coo Esp Aw |              |
| 757 | Parmeliaceae   | <i>Parmelinopsis</i> | <i>minarum</i>          |                    | (Vain.) Elix & Hale               | Mycotaxon 29: 243 (1987)                         |                   |              |
| 769 | Pyrenulaceae   | <i>Parmenaria</i>    | <i>microspora</i>       |                    | Mull. Arg.                        | Flora 70: 427 (1887)                             | unknown           |              |
| 757 | Parmeliaceae   | <i>Parmotrema</i>    | <i>chinense</i>         |                    | (Osbeck) Hale & Ahti              | Taxon 35: 132 (1986)                             | Jf Aw Swa Var     |              |
| 757 | Parmeliaceae   | <i>Parmotrema</i>    | <i>cooperi</i>          |                    | (J. Steiner & Zahlbr.) Serus.     | Bryologist 87: 4 (1984)                          | unknown           |              |
| 757 | Parmeliaceae   | <i>Parmotrema</i>    | <i>praesorediosum</i>   |                    | (Nyf.) Hale                       | Phytologia 28: 338 (1974)                        | Ck Vb             |              |
| 757 | Parmeliaceae   | <i>Parmotrema</i>    | <i>pseudonigritense</i> |                    | (Asah.) Hale                      | Mycotaxon 5: 441 (1977)                          | Nk                |              |
| 757 | Parmeliaceae   | <i>Parmotrema</i>    | <i>tinctorum</i>        |                    | (Despr. ex Nyf.) Hale             | Phytologia 28: 339 (1974)                        | Nk                |              |
| 758 | Peltigeraceae  | <i>Peltigera</i>     | <i>digitata</i>         |                    | (Witt.) J.R. Laundon              | Lichenologist 16: 217 (1984)                     | Jf                |              |
| 758 | Peltigeraceae  | <i>Peltigera</i>     | <i>dolichorhiza</i>     |                    | (Nyf.) Nyl.                       | Lich. Nov. Zell.: 43 (1888)                      | unknown           |              |
| 758 | Peltigeraceae  | <i>Peltigera</i>     | <i>polydactyla</i>      |                    | (Neck.) Hoffm.                    | Descr. Pl. Cl. Crypt. 1: 19 (1790)               | Jf                |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>bouldieri</i>        |                    | (Tuck.) Wetmore                   | Ann. Missouri Bot. Gard. 57: 179 ('1970) [1971]  | Ovp Vb Ck         |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>clavata</i>          |                    | (Kremp.) Wetmore                  | Ann. Missouri Bot. Gard. 57: 181 ('1970) [1971]  |                   |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>cylindrica</i>       |                    | Wetmore                           | Ann. Missouri Bot. Gard. 57: 181 (1970)          | Ck                |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>eruploca</i>         |                    | (Ach.) Poelt ex Ozenda & Clauzade | Ck Vb Cvp Di Nk                                  |                   |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>impressa</i>         |                    | (Vain.) Twinscaw & Krog.          | Norweg. J. Bot. 26: 219 (1979)                   | Ck                |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>langei</i>           |                    | Büdel & Elix                      | Biblioth. Lichenol. 67: 3 (1987)                 | Ck                |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>obscurans</i>        |                    | (Nyf.) Grevin.                    | Repert. Spec. Nov. Regni Veg. 38: 308 (1935)     | unknown           |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>omphaliza</i>        |                    | (Nyf.) Wetmore                    | Ann. Missouri Bot. Gard. 57: 179 (1970)          | Ck                |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>patellata</i>        |                    | (Bag.) Twinscaw & Krog            | Norw. J. Bot. 26: 221 (1979)                     | Coo Mur           |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>placodizans</i>      |                    | (Zahlbr.) Wetmore                 | Ann. Missouri Bot. Gard. 57: 179 (1970)          | Ck Nk Vb          |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>radicata</i>         |                    | Nyl.                              | Ann. Sci. Nat. Bot. ser. 3: 20: 316 (1853)       | unknown           |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>radiiguesii</i>      |                    | (Cromb.) Büdel                    | Lichenologist 21: 293 (1989)                     | Vb                |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>subglabrosa</i>      |                    | (Müll. Arg.) Filson               | Mulleraria 6: 511 (1988)                         | unknown           |              |
| 759 | Peltulaceae    | <i>Peltula</i>       | <i>zahlibricknei</i>    |                    | (Hasse) Wetmore                   | Ann. Missouri Bot. Gard. 57: 205 (1970)          | Ck                |              |
| 760 | Pertusariaceae | <i>Pertusaria</i>    | <i>flavicans</i>        |                    | Lamy                              | Bull. Soc. Bot. France 25: 427 (1878)            | Esp Aw            |              |
| 760 | Pertusariaceae | <i>Pertusaria</i>    | <i>gibberosa</i>        |                    | Mull. Arg.                        | Flora 65: 486 (1882)                             | Mur Swa Mal Jf    |              |
| 760 | Pertusariaceae | <i>Pertusaria</i>    | <i>lelopaciella</i>     |                    | Nyl.                              | Bull. Soc. Linn. Normandie, sér. 2, 2: 71 (1885) | Di                |              |
| 760 | Pertusariaceae | <i>Pertusaria</i>    | <i>leucostomoides</i>   |                    | Zahlbr.                           | Cat. Lic. Univ. 5: 172 (1928)                    | Jf Swa Esp        |              |

| No. | Family        | Genus          | Species                  | Variety/subspecies   | Synonyms   | Authority                 | Literature   | IBRA regions            |
|-----|---------------|----------------|--------------------------|----------------------|--|---------------------------|--|-------------------------|
| 760 | Perltasiaceae | Perltasia      | <i>persulphurata</i>     |                      | see <i>Perltasia xanthoplaeca</i>                      | Mull. Arg.<br>(Ach.) Duby | Hedwigia 32: 125 (1893)                            | Nk                      |
| 760 | Perltasiaceae | Perltasia      | <i>puliculata</i>        |                      |  | A.W. Archer               | Bot. Gall. 2(2): 673 (1830)                        | unknown                 |
| 760 | Perltasiaceae | Perltasia      | <i>remota</i>            |                      |  |                           | Mycotaxon 41: 238 (1991)                           | Vb Ck Nk                |
| 760 | Perltasiaceae | Perltasia      | <i>scaberula</i>         |                      |  | A.W. Archer               | Mycotaxon 41: 240 (1991)                           |                         |
| 760 | Perltasiaceae | Perltasia      | <i>subvenosa</i>         |                      |  | Maine                     | Ark. Bot. 28A(9): 7 (1936)                         | Nk                      |
| 760 | Perltasiaceae | Perltasia      | <i>thiopharinica</i>     |                      |  | A.W. Archer               | Mycotaxon 41: 246 (1991)                           |                         |
| 760 | Perltasiaceae | Perltasia      | <i>thiopoda</i>          |                      |  | C. Knight                 | Trans. Linn. Soc. London, Bot. 2: 47 (1882)        | Gs Car                  |
| 760 | Perltasiaceae | Perltasia      | <i>trachyspora</i>       |                      |  | A.W. Archer               | Mycotaxon 41: 247 (1991)                           | Nk                      |
| 760 | Perltasiaceae | Perltasia      | <i>trimeria</i>          |                      |  | (Mull. Arg.) A.W. Archer  | Telopea 4: 179 (1991)                              | Mal Jf Aw               |
| 760 | Perltasiaceae | Perltasia      | <i>xanthoplaeca</i>      |                      |  | Mull. Arg.                | Flora 65: 485 (1882)                               | Nk                      |
| 735 | Lecanoraceae  | Phacopsis      | <i>oxysspora</i>         | var. <i>fusca</i>    |  |                           | Triebe & Rambold in D.                             | Biologist 98: 80 (1995) |
| 727 | Graphidaceae  | Phaeographis   | <i>australiensis</i>     |                      | see <i>Phaeographis mucronata</i>                      | Mull. Arg.                | Flora 65: 504 (1882)                               | War                     |
| 727 | Graphidaceae  | Phaeographis   | <i>mucronata</i>         |                      | <i>Phaeographis australiensis</i><br>(Sleumer) Zahler. |                           | Cat. Lich. Univ. 2: 382 (1923)                     | War                     |
| 764 | Physciaceae   | Phaeophyscia   | <i>eriodiococinoides</i> |                      |  | (Poelt) Essl.             | Mycotaxon 7: 301 (1978)                            | unknown                 |
| 764 | Physciaceae   | Phaeophyscia   | <i>orbicularis</i>       |                      |  | (Neck.) Moberg            | Symb. Bot. Upsal. 22: 44 (1977)                    | Mur                     |
| 740 | Lichenaceae   | Phloeopuccinia | <i>astraliensis</i>      |                      |  | Henssen                   | Lich. Cyan. Et Fungi Sax. Exsicc. 2: 10 (1990)     | unknown                 |
| 764 | Physciaceae   | Physcia        | <i>aiopolia</i>          |                      | see <i>Physcia jackii</i>                              | (Ehrn. ex Humb.) Fürst.   | Natyrhist. Topogr. Regensburg 2: 249 (1839)        | Aw Nul Mur Coo Mal      |
| 764 | Physciaceae   | Physcia        | <i>alba</i>              |                      |  | (Fée) Mili. Agr.          | Rev. Mycol. (Toulouse) 9: 23 (1887)                | Mur Mal                 |
| 764 | Physciaceae   | Physcia        | <i>albata</i>            |                      | <i>Physcia alboplumbea</i>                             | (F. Wilssen) Hale         | Biologist 66: 73 (1963)                            |                         |
| 764 | Physciaceae   | Physcia        | <i>albibicans</i>        |                      |  | (Pers.) J.W. Thomson      | Beih. Nova Hedwigia 7: 38 (1963)                   | Swia Coo                |
| 764 | Physciaceae   | Physcia        | <i>alboplumbea</i>       |                      | see <i>Physcia albata</i>                              | (Taylor) Ny. in A.M. Hué  | Nouv. Arch. Mus. Hist. Nat., sér. 2, 2: 319 (1890) | unknown                 |
| 764 | Physciaceae   | Physcia        | <i>biziana</i>           |                      |  | (A. Massal.) Zahler.      | Öster. Bot. Zeit. 51: 348 (1901)                   |                         |
| 764 | Physciaceae   | Physcia        | <i>caesia</i>            |                      | see <i>Physcia ponciniisi</i>                          | (Hoffm.) Fürst.           | Naturhist. Topogr. Regensburg 2: 250 (1839)        | No WA collections (E)   |
| 764 | Physciaceae   | Physcia        | <i>jackii</i>            |                      | <i>Physcia alpolia</i>                                 | Moberg                    | Biblioth. Lichenol. 78: 298 (2001)                 |                         |
| 764 | Physciaceae   | Physcia        | <i>nubila</i>            |                      |  | Moberg                    | Nordic. J. Bot. 10: 335 (1990)                     |                         |
| 764 | Physciaceae   | Physcia        | <i>ponciniisi</i>        |                      | <i>Physcia caesia</i>                                  | Hue                       | Bull. Soc. Bot. France 63, Mem. 28: 10 (1917)      | Mur Aw Coo              |
| 764 | Physciaceae   | Physcia        | <i>stellaris</i>         |                      |  | (L.) Ny.                  | Acta Soc. Linn. Bordeaux 21: 307 (1856)            | Swia                    |
| 764 | Physciaceae   | Physcia        | <i>subalbicans</i>       |                      | see <i>Punctelia subalbicans</i>                       |                           |  |                         |
| 764 | Physciaceae   | Physcia        | <i>tribacia</i>          | var. <i>tribacia</i> |  | (Ach.) Ny.                | Flora 62: 48 (1874)                                | Jf Aw Mur               |
| 764 | Physciaceae   | Physcia        | <i>undulata</i>          |                      |  | Moberg                    | Nordic. J. Bot. 6: 862 (1886)                      |                         |
| 764 | Physciaceae   | Physcia        | <i>verrucosa</i>         |                      |  | Moberg                    | Nordic. J. Bot. 6: 862 (1886)                      |                         |
| 764 | Physciaceae   | Physcia        | <i>virella</i>           |                      |  | (Ach.) Flagey             | Rev. Mycol. (Toulouse) 13: 110 (1891)              | unknown                 |

| N°  | Family         | Genus                    | Species                   | Variety/subspecies                          | Synonyms                           | Authority   | Literature                      | IBRA regions |
|-----|----------------|--------------------------|---------------------------|---|------------------------------------|---|---------------------------------|--------------|
| 764 | Physciaceae    | <i>Physconia</i>         | <i>distorta</i>           |   | (With.) J.R. Laundon               | Lichenologist 16: 218 (1984)                          | No WA collections               |              |
| 764 | Physciaceae    | <i>Physconia</i>         | <i>grisea</i>             |   | (Lam.) Poelt                       | Nova Hedwigia 9: 30 (1965)                            | unknown                         |              |
| 795 | Verrucariaceae | <i>Pracidium</i>         | <i>pilosellum</i>         |   | (Breuss) Breuss                    | Ann. Naturhist. Mus. Wein 98: 39 (1996)               | Mur. Mal                        |              |
| 795 | Verrucariaceae | <i>Pracidium</i>         | <i>squamulosum</i>        |   | (Ach.) O. Breuss                   | Ann. Naturhist. Mus. Wein 98: 39 (1996)               | Nk, Mur. Gs, Coo, Gas, Car, Yal |              |
| 808 | Agriaceae      | <i>Placopsis</i>         | <i>pernugosa</i>          |   | (Nyf.) Nyf.                        | Lich. Nov. Zel.: 57 (1888)                            | War. Jf                         |              |
| 766 | Placythiaceae  | <i>Placynthium</i>       | <i>nigrum</i>             |   | (Huds.) S.F. Gray                  | Nat. Arr. Brit. Pl.: 395 (1821)                       | Swa                             |              |
| 797 | Acarosporaceae | <i>Polyssporina</i>      | <i>simplex</i>            | <i>Lenidia simplex</i>                      | (Davies) Vézda                     | Folia Geobot. Phytoact. 13: 39 (1978)                 | Yal, Coo                        |              |
| 809 | Porinaceae     | <i>Porina</i>            | <i>glentheri</i>          |   | (Flot.) Zahlbr.                    | Cat. Lich. Univ. 1: 384 (1922)                        | unknown                         |              |
| 809 | Porinaceae     | <i>Porina</i>            | <i>kanivialisii</i>       |   | P.M. McCarthy                      | Biblioth. Lichenol. 52: 62 (1993)                     | unknown                         |              |
| 740 | Lichenaceae    | <i>Poroscyphus</i>       | <i>kebarrensis</i>        |   | A. Henssen                         | Lichenes Cyanophili et Fungi Saxicolae Exsiccati, GS  |                                 |              |
| 740 | Lichenaceae    | <i>Poroscyphus</i>       | <i>lichinelloides</i>     |   |                                    | Fasc. II: 9 (1990)                                    |                                 |              |
| 767 | Poridiaceae    | <i>Popidia</i>           | <i>macrocarpa</i>         |   | A. Henssen                         | Symb. Bot. Upsal. 18: 68 (1963)                       | Jf                              |              |
| 757 | Parmeliaceae   | <i>Protoparmelia</i>     | <i>petracoides</i>        | <i>see Ramboldia petracoides</i>            | (DC.) Hertel & Schwab in H. Hertel | Beih. Nova Hedwigia 79: 437 (1984)                    | unknown                         |              |
| 742 | Lobariaceae    | <i>Pseudocyphellaria</i> | <i>aurata</i>             |   | (Ach.) Vain.                       | Acta Soc. Fauna Fl. Fenn. 7: 183 (1890)               |                                 |              |
| 742 | Lobariaceae    | <i>Pseudocyphellaria</i> | <i>billardierei</i>       |   | (Delise) Räsänen                   | Ann. Bot. Soc. Zool.-Bot. Fenn. "Vanamo" 2: 39 (1932) | unknown                         |              |
| 742 | Lobariaceae    | <i>Pseudocyphellaria</i> | <i>crocata</i>            |   | (L.) Vain.                         | Hedwigia 37: 34 (1896)                                |                                 |              |
| 742 | Lobariaceae    | <i>Pseudocyphellaria</i> | <i>neglecta</i>           |   | (Müll. Arg.) H. Magn.              | Acta Horti Gothoburg. 14: 30 (1940)                   | Esp War. Jf Swa                 |              |
| 768 | Psoraceae      | <i>Psora</i>             | <i>crenata</i>            |   | (Taylor) Reinke                    | Jahrb. Wiss. Bot. 28: 97 (1895)                       |                                 |              |
| 768 | Psoraceae      | <i>Psora</i>             | <i>crystallifera</i>      |   | (Taylor) Müll. Arg.                | Flora 71: 140 (1888)                                  | Nk Vb Ck                        |              |
| 768 | Psoraceae      | <i>Psora</i>             | <i>decipiens</i>          |   | (Hedw.) Höflm.                     | Descr. Pl. Cl. Crypt. 2: 68 (1794)                    | Aw Mur Gs Car Coo Swa Mal       |              |
| 756 | Pannariaceae   | <i>Psoroma</i>           | <i>pholiotoides</i>       | <i>Psoroma sphinctrinum</i>                 | (Nyf.) Travis.                     | Lich. Venetia: 98 (1869)                              |                                 |              |
| 756 | Pannariaceae   | <i>Psoroma</i>           | <i>sphinctrinum</i>       | <i>see Psoroma pholiotoides</i>             | (Mont.) Nyf.                       | Ann. Sci. Nat. Bot., sér. 4, 3: 181 (1855)            | unknown                         |              |
| 740 | Lichenaceae    | <i>Pterygopsis</i>       | <i>australiensis</i>      |   | Henssen                            | Lichenes Cyanophili et Fungi Saxicolae Exsiccati, GS  |                                 |              |
| 740 | Lichenaceae    | <i>Pterygopsis</i>       | <i>convoluta</i>          |   |                                    | Fasc. II: 9 (1990)                                    |                                 |              |
| 757 | Parmeliaceae   | <i>Punctelia</i>         | <i>pseudocorallioidea</i> |   | (Gyeln.) Elix & Kanvilas           | Australas. Lichenol. 49: 14 (2001)                    |                                 |              |
| 757 | Parmeliaceae   | <i>Punctelia</i>         | <i>subalbicans</i>        | misidentified as <i>Physcia subalbicans</i> | (Silt.) D.J. Galloway & Elix       | New Zealand J. Bot. 22: 443 (1984)                    | Aw Mur War                      |              |
| 757 | Parmeliaceae   | <i>Punctelia</i>         | <i>subflava</i>           |   | (Taylor) Elix & J. Johnst.         | Mycotaxon 31: 501 (1988)                              | unknown                         |              |
| 757 | Parmeliaceae   | <i>Punctelia</i>         | <i>subrugosa</i>          |   | (Nyf.) Krog                        | Nordic J. Bot. 2: 291 (1982)                          | Esp Jf                          |              |
| 769 | Pyrenulaceae   | <i>Pyrenula</i>          | <i>cruenta</i>            |   | (Mont.) Vain.                      | Étud. Class. Lich. Brésil 2: 197 (1890)               |                                 |              |
| 769 | Pyrenulaceae   | <i>Pyrenula</i>          | <i>nilida</i>             |   | (Weig.) Ach.                       | Ges. Naturf. Freunde Berlin Mag. Neuesten Di War      |                                 |              |

| Nº  | Family         | Genus               | Species               | Variety/subspecies                        | Synonyms                                       | Authority  | Literature   | IBRA regions |
|-----|----------------|---------------------|-----------------------|---|--|--|--|--------------|
| 735 | Lecanoraceae   | <i>Pyrrhospora</i>  | <i>bullata</i>        |   | <i>Lecidea laetia</i>                          | Kalb & Elix<br>(Stirt.) Hafellner                  | Entdeck. Gesammten Naturk. 6: 21 (1814)<br>Lich. Neotrop. 13: [570] (2001) |              |
| 735 | Lecanoraceae   | <i>Pyrrhospora</i>  | <i>laetia</i>         |   |  |  | Herzogia 9: 86 (1992)  | Esp Aw Jf Ma |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>australensis</i>   |   |  | Kalb   | Herzogia 10: 61 (1994)   | Vh Ck        |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>coccifera</i>      |   | (Fee) Nyl.                                     | Mém. Soc. Sci. Nat. Cherbourg 5: 108 (1857)        | Nk   |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>coccina</i>        |   | (Sw.) Nyl.                                     | Mém. Soc. Sci. Nat. Cherbourg 5: 108 (1857)        | Gs Nk Di   |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>convexior</i>      |   | (Müll. Arg.) Swinscow &<br>Krog                | Norw. J. Bot. 22: 52 (1975)                        | Ovp  |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>desudans</i>       |   | Kalb   | Herzogia 10: 62 (1994)                             |  |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>petricola</i>      |   | Nyl. in J.M. Crombie                           | J. Bot. 14: 263 (1876)                             | Gs Vb Car  |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>plumbea</i>        |   | Kalb   | Herzogia 10: 66 (1994)                             | unknown  |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>pungens</i>        |   | Zahlbr.  | Ann. Cytoplog. Exot. 1: 210 (1928)                 | Ck   |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>subcinerea</i>     |   | Stirt.   | Trans. & Proc. New Zealand Inst. 30: 397 (1893)    | Gs   |              |
| 764 | Physciaceae    | <i>Pyxine</i>       | <i>subcinerea</i>     |   | Stirt.   | Trans. & Proc. New Zealand Inst. 30: 397 (1893)    | unknown  |              |
| 716 | Cladoniaceae   | <i>Ramalina</i>     | <i>cochleata</i>      |   | Müll. Arg.                                     | Bull. Herb. Boissier 4, append. 1: 88 (1896)       | Gs Aw Jf   |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>australensis</i>   |   | Nyl.   | Bull. Soc. Linn. Normandie ser. 2, 4: 120 (1870)   | unknown  |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>canariensis</i>    |   | J. Steiner                                     | Oesterl. Bot. Z. 54: 355 (1904)                    | War  |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>celastri</i>       | subssp. <i>celastri</i>                   | (Spreng.) Krog &<br>Swinscow                   | Norweg. J. Bot. 23: 159 (1976)                     | Car  |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>celastri</i>       | subssp. <i>ovalis</i>                     | (Hook. f. & Taylor) G. N.<br>Stevens           | Bull. Brit. Mus. (Nat. Hist.) Bot. 16: 184 (1987)  | Jf Esp Di Ma Nk  |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>fecunda</i>        |   | (Müll. Arg.) Vain.                             |  | Di   |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>fissa</i>          |   | Kremp.   | Mem. Herb. Boissier 5: 2 (1900)                    | Esp  |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>glaucescens</i>    |   | G. N. Stevens                                  | Verh. K.K. Zool. Bot. Ges. Wien 30: 333 (1880)     | Esp  |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>inflata</i>        | subssp. <i>australis</i>                  | G. N. Stevens                                  | Bull. Brit. Mus. (Nat. Hist.), Bot. 16: 191 (1987) | Aw Mai Coo War Jf Gs Esp   |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>subfraxinea</i>    | var. <i>norskifica</i>                    | G. N. Stevens                                  | Bull. Brit. Mus. (Nat. Hist.) Bot. 16: 208 (1987)  | Di Ck  |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>subfraxinea</i>    | var. <i>subfraxinea</i>                   | Nyl.   | Bull. Soc. Linn. Normandie, ser. 2, 4: 139 (1870)  | Di   |              |
| 771 | Ramalinaceae   | <i>Ramalina</i>     | <i>tropica</i>        |   | G. N. Stevens                                  | Bull. Brit. Mus. (Nat. Hist.) Bot. 16: 210 (1987)  | unknown  |              |
| 735 | Lecanoraceae   | <i>Ramnoidia</i>    | <i>crassithallina</i> |   | Kalb   | Biblioth. Lichenol. 78: 160 (2001)                 |  |              |
| 735 | Lecanoraceae   | <i>Ramnoidia</i>    | <i>petreoides</i>     | <i>Protoparmelia</i><br><i>petreoides</i> | (Nyl. ex C. Bab. & Mitt.)<br>Kantvilas & Elix  | Bryologist 97: 298 (1994)                          | Esp  |              |
| 735 | Lecanoraceae   | <i>Ramnoidia</i>    | <i>sorediata</i>      |   | Kalb   | Biblioth. Lichenol. 78: 161 (2001)                 |  |              |
| 735 | Lecanoraceae   | <i>Ramnoidia</i>    | <i>stictaria</i>      |   | (Hampe) Kantvilas & Elix                       | Bryologist 97: 299 (1994)                          | Jf   |              |
| 757 | Parmeliaceae   | <i>Relicinopsis</i> | <i>rathenensis</i>    |   | (Vain.) Elix & Verdon                          | Mycofax 27: 282 (1986)                             | Nk   |              |
| 772 | Rhizocarpaceae | <i>Rhizocarpon</i>  | <i>geographicum</i>   |   | (L.) DC. in J.B. Lamarck<br>& A.P. de Candolle | Fl. Franc. 3rd edn. 2: 365 (1805)                  | unknown  |              |
| 772 | Rhizocarpaceae | <i>Rhizocarpon</i>  | <i>obscuratum</i>     |   | (Ach.) A. Massal.                              | Ric. Auton. Lich. Crost.: 103 (1852)               | Esp  |              |

| Nº  | Family          | Genus                 | Species                | Variety/subspecies    | Synonyms                       | Authority  | Literature                               | IBRA regions |
|-----|-----------------|-----------------------|------------------------|-----------------------|--------------------------------|--|--|--------------|
| 772 | Rhizocarpaceae  | <i>Rhizocarpon</i>    | <i>polycarpum</i>      |                       | (Hepp.) Th. Fr.                | Lichenogr. Scand. 1: 617 (1874)                                | Swa Esp Jf                               |              |
| 772 | Rhizocarpaceae  | <i>Rhizocarpon</i>    | <i>finei</i>           |                       | (Tomarb.) Runemark             | Opera Bot. 2: 118 (1956)                                       | Esp Coo                                  |              |
| 757 | Parmeliaceae    | <i>Rimella</i>        | <i>cetrata</i>         |                       | (Ach.) Hale & A. Fletcher      | Bryologist 93: 26 (1990)                                       |  |              |
| 757 | Parmeliaceae    | <i>Rimella</i>        | <i>pustulata</i>       |                       | Elix & Bawingan in Elix et al. |  |  |              |
| 757 | Parmeliaceae    | <i>Rimella</i>        | <i>reticulata</i>      |                       | (Taylor) Hale & A. Fletcher    | Bryologist 93: 28 (1990)                                       | Esp War Wa Jf Swa                        |              |
| 808 | Agyriaceae      | <i>Rimularia</i>      | <i>australis</i>       |                       | Hertel & Rambold               | Biblioth. Lichenol. 38: 163 (1990)                             |  |              |
| 764 | Physciaceae     | <i>Rindina</i>        | <i>asperata</i>        |                       | (Shirley) Kantvilas            | Pap. Proc. R. Soc. Tasmania 122: 65 (1988)                     | Swa Jf                                   |              |
| 764 | Physciaceae     | <i>Rindina</i>        | <i>australiensis</i>   |                       | Müll Arg.                      | Hedwigia 32: (1883)  | Esp                                      |              |
| 764 | Physciaceae     | <i>Rindina</i>        | <i>bischoffii</i>      |                       | (Hepp.) A. Massal.             | Framm. Lichenogr.: 26 (1855)                                   | Swa                                      |              |
| 764 | Physciaceae     | <i>Rindina</i>        | <i>corradii</i>        |                       | Körb.                          | Syst. Lich. Germ.: 123 (1855)                                  | War Jf                                   |              |
| 764 | Physciaceae     | <i>Rindina</i>        | <i>gennarii</i>        |                       | Bagn.                          | Comment. Soc. Crittig. Ital. 1: 17 (1861)                      | Swa                                      |              |
| 764 | Physciaceae     | <i>Rindina</i>        | <i>thiomela</i>        |                       | (Nyf.) Müll. Arg.              | Flora 64: 515 (1881)   | Aw Esp                                   |              |
| 764 | Physciaceae     | <i>Rindina</i>        | <i>xanthomelasana</i>  |                       | Müll. Arg.                     | Nuovo Giorn. Bot. Ital. 23: 390 (1891)                         | Vb                                       |              |
| 764 | Physciaceae     | <i>Rindinella</i>     | <i>halophila</i>       |                       | (Müll. Arg.) H. Mayrhofer      | J. Hallor. Bot. Lab. 55: 480 (1984)                            | unknown                                  |              |
| 774 | Roccellaceae    | <i>Roccella</i>       | <i>montagnei</i>       |                       | Bél.                           | Voy. Ind. Orient. 2: 117 (1834)                                | Di Vb                                    |              |
| 797 | Acarosporaceae  | <i>Sarcogyne</i>      | <i>clavus</i>          |                       | (DC.) Krempe.                  | Denkscr. Königl.-Bayer. Bot. Ges. Regensburg 4: 212 (1861)     | Esp                                      |              |
| 797 | Acarosporaceae  | <i>Sarcogyne</i>      | <i>privigna</i>        |                       | A. Massal.                     | Geneao. Lich.: 10 (1854)                                       | unknown                                  |              |
| 797 | Acarosporaceae  | <i>Sarcogyne</i>      | <i>regularis</i>       |                       | Körb.                          | Syst. Lich. Germ.: 267 (1855)                                  | Mur Yal                                  |              |
| 777 | Schaereriaceae  | <i>Schaereria</i>     | <i>fuscocinerea</i>    |                       | (Nyf.) Clauzade & Cl. Roux     | Bull. Soc. Bot. Centre-Ouest n.s. Numéro Spécial 7: 829 (1985) | Esp                                      |              |
| 806 | Siphulaeae      | <i>Siphula</i>        | <i>conifera</i>        |                       | Taylor ex Nyf.                 | Syn. Meth. Lich. 1: 263 (1860)                                 | Coo Jf Mal Esp Aw War Gs Mur Swa         |              |
| 711 | Catillariaceae  | <i>Solenopscora</i>   | <i>vulturicensis</i>   |                       | A. Massal.                     | Lobos 6: 75 (1856)   | unknown                                  |              |
| 781 | Sphinctriaceae  | <i>Sphinctrina</i>    | <i>leucopoda</i>       |                       | Nyf.                           | Syn. Meth. Lich. 1: 144 (1860)                                 | unknown                                  |              |
| 718 | Coccocarpiaeae  | <i>Spilidonema</i>    | <i>paradoxum</i>       |                       | Bornet                         | Mém. Soc. Nat. Cherbourg 4: 226 (1856)                         | unknown                                  |              |
| 783 | Stereocaulaceae | <i>Stereocaulon</i>   | <i>conditatum</i>      |                       | Nyf.                           | Flora 41: 117 (1859)   | Esp Jf                                   |              |
| 786 | Teloschistaceae | <i>Teloschistes</i>   | <i>chrysophthalmus</i> |                       | (L.) Th. Fr.                   | Gen. Heterolich. Eur. Recog.: 51 (1861)                        | Swa War Jf Coo Esp Yal Gs Aw Mal Mur Nul |              |
| 786 | Teloschistaceae | <i>Teloschistes</i>   | <i>sieberianus</i>     |                       | (Laurei) Hillmann              | Hedwigia 69: 315 (1930)  | unknown                                  |              |
| 735 | Lecanoraceae    | <i>Tephromela</i>     | <i>aratrensis</i>      |                       | Rambold                        | Biblioth. Lichenol. 34: 145 (1039)                             | Ck Ovp Vb                                |              |
| 735 | Lecanoraceae    | <i>Tephromela</i>     | <i>atra</i>            | <i>Lecanora altra</i> | (Huds.) Hafellner in K. Kalb   | Lich. Neotrop. Exsicc., 8: 15: 297 (1983)                      | Jf War Esp Sva                           |              |
| 803 | Theleotremaeae  | <i>Theleotrema</i>    | <i>lepadinum</i>       |                       | (Ach.) Ach.                    | Methodus: 132 (1803)   | War Jf                                   |              |
| 716 | Cladoniaeae     | <i>Thysanothecium</i> | <i>hockeri</i>         |                       | Mont. & Berk.                  | Hooker's J. Bot. Kew Gard. Misc. 5: 257 (1846)                 | Jf Aw Esp Gs War Swa                     |              |
| 716 | Cladoniaeae     | <i>Thysanothecium</i> | <i>scutellatum</i>     |                       | (Fr.) D.J. Galloway            | Nova Hedwigia 36: 393 (1982)                                   | Swa Jf War Esp Aw                        |              |

| N°  | Family          | Genus                 | Species                  | Variety/subspecies                                    | Synonyms                               | Authority   | Literature | IBRA regions             |
|-----|-----------------|-----------------------|--------------------------|---|--|---|------------|--------------------------|
| 736 | Lecideaceae     | <i>Toninia</i>        | <i>australiensis</i>     | see <i>Trapezopsis colensoi</i> (Müll. Arg.) Zahlbr.  |  | Cat. Lich. Univ. 4: 262 (1926)                    |            | unknown                  |
| 736 | Lecideaceae     | <i>Toninia</i>        | <i>australis</i>         |   | Timdal.                                | Opera Bot. 110: 45 ('1991') [1992]                |            |                          |
| 736 | Lecideaceae     | <i>Toninia</i>        | <i>caeruleonigricans</i> | see <i>Toninia sedifolia</i> (Lichtf.) Th. Fr.        |  | Lichenogr. Scand. 2: 336 (1874)                   |            | Mal                      |
| 736 | Lecideaceae     | <i>Toninia</i>        | <i>glaucocarpa</i>       |   | Timdal.                                | Opera Bot. 110: 63 ('1991') [1992]                |            | War                      |
| 736 | Lecideaceae     | <i>Toninia</i>        | <i>seafolia</i>          |   | (Scop.) Timdal.                        |   |            |                          |
| 808 | Agyriaceae      | <i>Trapezia</i>       | <i>coarctata</i>         |   | (Sm.) M. Choisy in R.G. Werner         | Bull. Soc. Nat. Maroc. 12: 160 (1932)             |            | Aw Yb                    |
| 808 | Agyriaceae      | <i>Trapezia</i>       | <i>moreana</i>           |   | (Carroll) P. James in H. Hertel        | Herzogia 3: 405 (1975)                            |            | unknown                  |
| 808 | Agyriaceae      | <i>Trapezopsis</i>    | <i>colensoi</i>          | <i>Toninia australiensis</i> (C. Bab.) Gath. Schneid. | Biblioth. Lichenol. 13: 146 (1979)     |   |            |                          |
| 808 | Agyriaceae      | <i>Trapezopsis</i>    | <i>psammophila</i>       |   | specimen                               |   |            | Gs                       |
| 810 | Tremelchiaceae  | <i>Tremelchia</i>     | <i>atratia</i>           |   | (Ach.) Hertel.                         | Khumbu Himal 6: 351 (1977)                        |            |                          |
| 792 | Typelethiaceae  | <i>Typelethium</i>    | <i>ellipterum</i>        |   | Spreng.                                | Anleit. Kennin. Gew. 3: 351 (1804)                |            | Di                       |
| 810 | Umbilicariaceae | <i>Umbilicaria</i>    | <i>polyphylla</i>        |   | (L.) Baumg.                            | Fl. Lips.: 571 (1790)                             |            |                          |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>airida</i>            | see <i>Usnea rubrotincta</i>                          | Asah.                                  | Lich. Jap. 3: 97 (1956)                           |            |                          |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>confusa</i>           | specimen  |  | Scott. Naturalist (Perth) 6: 106 (1881)           |            | Jf War                   |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>daseae</i>            | see <i>Usnea undulata</i>                             | Stirt.                                 | Usnea 1: 109 (1936)                               |            | Mal War Jf Swa Nul Aw    |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>irermis</i>           |   | Molyka                                 | Scott. Naturalist (Perth) 6: 293 (1881-1882)      |            | unknown                  |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>maculata</i>          |   | Stirt.                                 | Usnea 2: 551 (1937)                               |            | Jf War                   |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>ridolfii</i>          |   | Molyka                                 | Pl. Preisss. 2: 145 (1946)                        |            | unknown                  |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>pulvinata</i>         |   | Fr. in J.G.C. Lehmann                  | Scott. Naturalist (Perth) 6: 103 (1881)           |            | Mal Gs Jf Aw Esp Coo Yal |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>rubroincta</i>        | <i>Usnea arida</i>                                    | Stirt.                                 | Physiologist 1: 1095 (1844)                       |            | Swa                      |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>sabrina</i>           | subsp. <i>scabrida</i>                                | Taylor                                 |   |            |                          |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>subalpina</i>         |   | G. N. Stevens                          | Biblioth. Lichenol. 72: 100 (1989)                |            | Jf                       |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>subjucunda</i>        |   | (Molyka) Swinscow & Krog               | Lichenologist 11: 245 (1882)                      |            | Jf Esp                   |
| 794 | Usneaceae       | <i>Usnea</i>          | <i>undulata</i>          | <i>Usnea dasaea</i>                                   | Stirt.                                 | Scott. Naturalist (Perth) 7: 75 (1883)            |            | Jf Swa Esp War           |
| 795 | Verrucariaceae  | <i>Verrucaria</i>     | <i>baldensis</i>         |   | A. Massal.                             | Ric. Auton. Lich. Crost.: 173 (1852)              |            | unknown                  |
| 795 | Verrucariaceae  | <i>Verrucaria</i>     | <i>calcidiseta</i>       |   | DC. in J.B. Lamarck & A.P. de Candolle | Fl. Franc. 3rd edn. 2: 317 (1805)                 |            | Yal                      |
| 795 | Verrucariaceae  | <i>Verrucaria</i>     | <i>compacta</i>          |   | (A. Massal.) Jatta                     | Syll. Lich. Ital.: 501 (1900)                     |            | Mur                      |
| 795 | Verrucariaceae  | <i>Verrucaria</i>     | <i>maura</i>             |   | Wahlenb. in E. Acharius                | Methodus: 19 (1803)                               |            | unknown                  |
| 795 | Verrucariaceae  | <i>Verrucaria</i>     | <i>microsporoides</i>    |   | Nyl.                                   | Bull. Soc. Bot. France 8: 759 (1861)              |            | unknown                  |
| 795 | Verrucariaceae  | <i>Verrucaria</i>     | <i>subdiscreta</i>       |   | P.M. McCarthy                          | Muelleria 7: 327 (1981)                           |            | Yal, Gas, Coo            |
| 757 | Parmeliaceae    | <i>Xanthoparmelia</i> | <i>internata</i>         |   | Elix & J. Johnst. in J.A. Elix et al.  | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 188 (1986) |            |                          |
| 757 | Parmeliaceae    | <i>Xanthoparmelia</i> | <i>amphixantha</i>       |   | (Müll. Arg.) Hale                      | Phytologia 28: 486 (1974)                         |            | Coo                      |

| Nº. | Family       | Genus          | Species         | Variety/subspecies | Synonyms  | Authority   | Literature  | IBRA regions |
|-----|--------------|----------------|-----------------|--------------------|---|---|-------------|--------------|
| 757 | Parmeliaceae | Xanthoparmelia | amplexula       |                    | (Stern.) Elix & J. Johnst. in<br>J.A. Elix et al.                 | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 192 (1986) | Coo, Aw, Gs |              |
| 757 | Parmeliaceae | Xanthoparmelia | antleriformis   |                    | (Elix) Elix & J. Johnst. in<br>J.A. Elix et al.                   | Bull. Brit. Mus. (Nat. Hist.) 15: 194 (1986)      | Mur         |              |
| 757 | Parmeliaceae | Xanthoparmelia | rapilensis      |                    | (Elix & P.M. Arnsfr.)<br>Filson                                   | Brunonia 7: 205 (1984)                            | Yal         |              |
| 757 | Parmeliaceae | Xanthoparmelia | australasica    |                    | D.J. Gallaway   | New Zealand J. Bot. 18: 531 (1981)                | War Esp     |              |
| 757 | Parmeliaceae | Xanthoparmelia | beltulata       |                    | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix et al.        | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 203 (1986) | Coo         |              |
| 757 | Parmeliaceae | Xanthoparmelia | bungendorfensis |                    | (Elix) Elix & J. Johnst. in<br>J.A. Elix et al.                   | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 205 (1986) | unknown     |              |
| 757 | Parmeliaceae | Xanthoparmelia | burneisteri     |                    | (Elix) Egan   | Bryologist 85: 129 (1982)                         | Gs          |              |
| 757 | Parmeliaceae | Xanthoparmelia | centralis       |                    | (Elix & J. Johnst. in J.A.<br>Elix et al.)                        | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 207 (1986) | unknown     |              |
| 757 | Parmeliaceae | Xanthoparmelia | cneelii         |                    | (Grevin.) Hale  | Phytologia 28: 486 (1974)                         | Aw          |              |
| 757 | Parmeliaceae | Xanthoparmelia | concomitans     |                    | Elix & J. Johnst. in J.A.<br>Elix et al.                          | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 210 (1986) | Aw          |              |
| 757 | Parmeliaceae | Xanthoparmelia | congensis       |                    | (J. Steiner) Hale   | Phytologia 28: 486 (1974)                         | Vb          |              |
| 757 | Parmeliaceae | Xanthoparmelia | congesta        |                    | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix et al.        | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 212 (1986) | Esp Coo     |              |
| 757 | Parmeliaceae | Xanthoparmelia | consociata      |                    | (Elix) Elix & J. Johnst. in<br>J.A. Elix et al.                   | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 214 (1986) | Nk          |              |
| 757 | Parmeliaceae | Xanthoparmelia | constipata      |                    | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix et al.        | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 223 (1986) | Mal         |              |
| 757 | Parmeliaceae | Xanthoparmelia | convoluta       |                    | (Krempe) Hale   | Phytologia 28: 487 (1974)                         | Coo         |              |
| 757 | Parmeliaceae | Xanthoparmelia | convolutella    |                    | Elix  | Mycotaxon 63: 426 (1997)                          | unknown     |              |
| 757 | Parmeliaceae | Xanthoparmelia | cranfieldii     |                    | Elix & J. Johnst. in J.A.<br>Elix et al.                          | Lichenologist 35: 291 (2003)                      | Mur         |              |
| 757 | Parmeliaceae | Xanthoparmelia | cravenii        |                    | Elix & J. Johnst.   | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 223 (1986) | unknown     |              |
| 757 | Parmeliaceae | Xanthoparmelia | darlingtonensis |                    | Elix & J. Johnst.   | Mycotaxon 29: 363 (1987)                          | unknown     |              |
| 757 | Parmeliaceae | Xanthoparmelia | dayana          |                    | (Elix & P.M. Arnsfr.) Elix<br>& J. Johnst. in J.A. Elix et<br>al. | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 225 (1986) | Coo         |              |
| 757 | Parmeliaceae | Xanthoparmelia | dichotoma       |                    | (Müll. Arg.) Hale   | Phytologia 28: 487 (1974)                         | Jf          |              |
| 757 | Parmeliaceae | Xanthoparmelia | digiformis      |                    | (Elix & P.M. Arnsfr.)<br>Filson                                   | Brunonia 7: 205 (1984)                            | Mal         |              |
| 757 | Parmeliaceae | Xanthoparmelia | dissitifolia    |                    | Kurok. in J.A. Elix et al.  | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 228 (1986) | unknown     |              |
| 757 | Parmeliaceae | Xanthoparmelia | donneri         |                    | Elix & J. Johnst. in J.A.<br>Elix et al.                          | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 231 (1986) | Jf          |              |
| 757 | Parmeliaceae | Xanthoparmelia | dubitata        |                    | Elix & J. Johnst. in J.A.<br>Elix et al.                          | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 233 (1986) | Pi          |              |

| No. | Family       | Genus          | Species               | Variety/subspecies  | Synonyms    | Authority  | IBRA regions                                      |                                    |
|-----|--------------|----------------|-----------------------|---------------------|-------------|--|---|------------------------------------|
|     |              |                |                       |                     |             |  | Literature  |                                    |
| 757 | Parmeliaceae | Xanthoparmelia | <i>ellifii</i>        |                     |             | Elix & J. Johnst. in J.A.<br>Elix et al.                         | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 235 (1986) | Mal Aw                             |
| 757 | Parmeliaceae | Xanthoparmelia | <i>everaertii</i>     |                     |             | Elix   | Lichenologist 35: 293 (2003)                      | Swa                                |
| 757 | Parmeliaceae | Xanthoparmelia | <i>elixii</i>         |                     |             | Ellison  | Brunonia 7: 203 (1984)                            | unknown                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>everardensis</i>   |                     |             | (Elix & P.M. Arnsr.) Elix<br>& J. Johnst. in J.A. Elix et<br>al. | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 242 (1986) | unknown                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>exilima</i>        |                     |             | (Elix) Elix & J. Johnst. in<br>J.A. Elix et al.                  | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 245 (1986) | AW Gs                              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>fjarskyana</i>     |                     |             | (Gyeln.) Hale  | Phytologia 28: 487 (1974)                         | Coo                                |
| 757 | Parmeliaceae | Xanthoparmelia | <i>fisonii</i>        |                     |             | Elix & J. Johnst. in J.A.<br>Elix et al.                         | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 251 (1986) | unknown                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>flavescens</i>     | <i>centraegenus</i> |             | (Gyeln.) D.J. Galloway   | New Zealand J. Bot. 18: 533 (1980)                | Aw Jf Mal Gs                       |
| 757 | Parmeliaceae | Xanthoparmelia | <i>flindersiana</i>   |                     |             | (Elix & P.M. Arnsr.) Elix<br>& J. Johnst. in J.A. Elix et<br>al. | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 253 (1986) | Yal Aw                             |
| 757 | Parmeliaceae | Xanthoparmelia | <i>fumigata</i>       |                     |             | (Kurok.) Elix & J. Johnst.                                       | Mycotaxon 29: 371 (1987)                          | unknown                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>furcata</i>        |                     |             | (Müll. Arg.) Hale  | Phytologia 28: 487 (1974)                         | unknown                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>gerhardii</i>      |                     |             | Elix & J. Johnst.  | Mycotaxon 33: 355 (1988)                          | Esp                                |
| 757 | Parmeliaceae | Xanthoparmelia | <i>glareosa</i>       |                     |             | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix et al.       | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 256 (1986) | Yal Coo Aw                         |
| 757 | Parmeliaceae | Xanthoparmelia | <i>globulifera</i>    |                     |             | (Kurok. & Filson) Hale   | Mycotaxon 20: 79 (1984)                           | Ck                                 |
| 757 | Parmeliaceae | Xanthoparmelia | <i>gongyloclades</i>  |                     |             | Elix & J. Johnst. in J.A.<br>Elix et al.                         | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 258 (1986) | Mur                                |
| 757 | Parmeliaceae | Xanthoparmelia | <i>hybridiza</i>      |                     |             | Elix & J. Johnst.  | Mycotaxon 29: 364 (1987)                          | unknown                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>hypoleia</i>       | <i>hypoleia</i>     | (Nyl.) Hale | Phytologia 28: 487 9/1974)                                       | Jf  |                                    |
| 757 | Parmeliaceae | Xanthoparmelia | <i>incerta</i>        |                     |             | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix et al.       | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 268 (1986) | Yal Coo War Mal                    |
| 757 | Parmeliaceae | Xanthoparmelia | <i>incrassata</i>     |                     |             | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix et al.       | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 269 (1986) | Coo Mur                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>isidigera</i>      |                     |             | (Müll. Arg.) Elix & J.<br>Johnst. in J.A. Elix et al.            | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 272 (1986) | Mur Gs Jf Esp Aw Coo War<br>Mal Nk |
| 757 | Parmeliaceae | Xanthoparmelia | <i>isidiosa</i>       |                     |             | (Müll. Arg.) Elix & J.<br>Johnst. in J.A. Elix et al.            | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 274 (1986) | Mur                                |
| 757 | Parmeliaceae | Xanthoparmelia | <i>kalbarriensis</i>  |                     |             | Elix in Elix & Kantvilas   | Mycotaxon 73: 445 (1989)                          | Gs                                 |
| 757 | Parmeliaceae | Xanthoparmelia | <i>kimberleyensis</i> |                     |             | Elix   | Lichenologist 35: 295 (2003)                      | Nk                                 |
| 757 | Parmeliaceae | Xanthoparmelia | <i>lineola</i>        |                     |             | (E.C. Berry) Hale  | Phytologia 28: 488 (1974)                         | Gs Aw Coo Esp                      |
| 757 | Parmeliaceae | Xanthoparmelia | <i>louisii</i>        |                     |             | Elix & J. Johnst. in J.A.<br>Elix et al.                         | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 279 (1986) | unknown                            |
| 757 | Parmeliaceae | Xanthoparmelia | <i>luminosa</i>       |                     |             | (Elix) Hale  | Mycotaxon 20: 79 (1984)                           | Aw                                 |

| Nº  | Family       | Genus          | Species                 | Variety/subspecies | Synonyms   | Authority   | Literature                | IBRA regions |
|-----|--------------|----------------|-------------------------|--------------------|--|---|---------------------------|--------------|
| 757 | Parmeliaceae | Xanthoparmelia | <i>metacystistoides</i> |                    | (Kurok. & Filson) Elix & J. Johnst. in J.A. Elix et al     | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 284 (1986) | Aw Coo                    |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>mexicana</i>         |                    | (Gyeln.) Hale  | Phytologia 28: 488 (1974)                         | Aw Esp Ovp                |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>microcephala</i>     |                    | Elix & Kainvilas   | Mycotaxon 73: 445 (1999)                          |                           |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>mollicula</i>        |                    | (Ach.) Hale  | Phytologia 28: 488 (1974)                         | Mal                       |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>monadhnockensis</i>  |                    | Elix   | Lichenologist 35: 294 (2003)                      | Jf                        |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>myolectina</i>       |                    | (Nyl.) D.J. Galloway                                       | New Zealand J. Bot. 18: 538 (1981)                | Aw Esp Nk Vb              |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>nana</i>             |                    | (Kurok.) Elix & J. Johnst.                                 | Mycotaxon 29: 371 (1987)                          | unknown                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>nanoides</i>         |                    | Elix   | Lichenologist 35: 295 (2003)                      | Esp                       |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>nashii</i>           |                    | Elix & J. Johnst. in J.A. Elix et al.                      | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 293 (1986) | Coo                       |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>neomalis</i>         |                    | (Elix & P.M. Arnsr.) Elix & T.H. Nash                      | Mycotaxon 26: 455 (1986)                          | Coo Aw Mur War            |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>neofinicina</i>      |                    | (Elix) Elix & J. Johnst. in J.A. Elix et al.               | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 297 (1986) | Aw Esp Jf                 |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>norpaegnans</i>      |                    | Elix & J. Johnst.  | Mycotaxon 33: 358 (1988)                          | Gs Aw                     |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>norpuimila</i>       |                    | Elix & J. Johnst. in J.A. Elix et al.                      | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 300 (1986) | unknown                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>norstigosa</i>       |                    | Elix   | Mycotaxon 59: 414 (1996)                          | unknown                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>norvegata</i>        |                    | Elix   | Lichenologist 35: 295 (2003)                      | Jf                        |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>notata</i>           |                    | (Kurok.) Hale  | Phytologia 28: 488 (1974)                         | Coo Gs Jf Aw              |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>oleosa</i>           |                    | (Elix & P.M. Arnsr.) Elix & T.H. Nash                      | Mycotaxon 26: 455 (1986)                          | unknown                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>parvocystoides</i>   |                    | Elix & J. Johnst.  | Mycotaxon 33: 360 (1988)                          | Jf                        |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>parvoincerta</i>     |                    | Elix & J. Johnst. in J.A. Elix et al.                      | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 300 (1986) | Mur Vb                    |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>peritax</i>          |                    | (Kurok. & Filson) Elix & J. Johnst. in J.A. Elix et al.    | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 306 (1986) | Coo                       |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>praeognans</i>       |                    | (Elix & P.M. Arnsr.) Elix & J. Johnst. in J.A. Elix et al. | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 308 (1986) | Mur Aw Yal Coo Mal        |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>prodromokosii</i>    |                    | Hale, Elix & J. Johnst. in J.A. Elix et al.                | Mycotaxon 31: 506 (1988)                          | Coo Mur                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>pumila</i>           |                    | (Kurok. & Filson) Elix & J. Johnst. in J.A. Elix et al.    | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 312 (1986) | unknown                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>pustuliza</i>        |                    | (Elix) Elix & J. Johnst. in J.A. Elix et al.               | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 313 (1986) | unknown                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>remanens</i>         |                    | (Elix) Elix & J. Johnst. in J.A. Elix et al.               | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 314 (1986) | unknown                   |              |
| 757 | Parmeliaceae | Xanthoparmelia | <i>raptans</i>          |                    | Kurok, Elix & J. Johnst. in J.A. Elix et al.               | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 316 (1986) | Mur Aw Mal Gs Coo Yal Esp |              |

| Nº  | Family          | Genus          | Species                 | Variety/subspecies | Synonyms                     | Authority  | Literature  | IBRA regions                             |
|-----|-----------------|----------------|-------------------------|--------------------|------------------------------|--|---|--|
| 757 | Parmeliaceae    | Xanthoparmelia | <i>rupestris</i>        |                    |                              | Elix & J. Johnst. in J.A.<br>Elix et al.                   | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 319 (1986) | unknown                                  |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>scabrosa</i>         |                    |                              | (Taylor) Hale  | Phylogologia 28: 488 (1974)                       | Esp Aw Jf Yal Coo                        |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>slebei</i>           |                    |                              | Elix   | Lichenologist 35: 297 (2003)                      | Gs                                       |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>subcrustacea</i>     |                    |                              | (Grevin.) Hale   | Mycotaxon 20: 79 (1984)                           | Yal                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>subdistorta</i>      |                    |                              | (Kurok.) Hale  | Phylogologia 28: 489 (1974)                       | Mal                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>subnuda</i>          |                    |                              | (Kurok.) Hale  | Phylogologia 28: 489 (1974)                       | unknown                                  |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>substrigosa</i>      |                    |                              | (Hale) Hale  | Phylogologia 28: 489 (1974)                       | Jf Aw Coo Swa                            |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>succedans</i>        |                    |                              | Elix & J. Johnst. in J.A.<br>Elix et al.                   | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 333 (1986) | Coo                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>taractica</i>        |                    |                              | (Kremp.) Hale  | Phylogologia 28: 489 (1974)                       | Coo Mal                                  |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>tasmanica</i>        |                    |                              | (Hook. f. & Taylor) Hale                                   | Phylogologia 28: 489 (1974)                       | Aw Swa Jf Esp Mai War Coo                |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>tegeta</i>           |                    |                              | Elix & J. Johnst. in J.A.<br>Elix et al.                   | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 339 (1986) | Aw Mal Esp                               |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>terrestris</i>       |                    |                              | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix        | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 341 (1986) | Coo                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>tolbrunupensis</i>   |                    |                              | Elix   | Lichenologist 35: 298 (2003)                      | ESP                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>versicolor</i>       |                    |                              | (Müll. Arg.) Hale  | Phylogologia 28: 490 (1974)                       | Mur Coo Yal                              |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>victoriana</i>       |                    |                              | Elix & J. Johnst.  | Mycotaxon 29: 367 (1987)                          | Esp. Jf                                  |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>weberiella</i>       |                    | <i>Xanthoparmelia weberi</i> | (Hale) Hale  | Phylogologia 28: 490 (1974)                       | Coo                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>willisi</i>          |                    |                              | (Kurok. & Filson) Elix & J.<br>Johnst. in J.A. Elix et al. | Bull. Brit. Mus. (Nat. Hist.) Bot. 15: 355 (1986) | Mal Nul Yal Mur                          |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>xanthofarinosa</i>   |                    |                              | Elix   | Mycotaxon 47: 127 (1993)                          | unknown                                  |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>xanthomelaena</i>    |                    |                              | (Müll. Arg.) Hale  | Mycotaxon 30: 334 (1988)                          | Esp                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>xanthomelanoides</i> |                    |                              | Elix & J. Johnst.  | Mycotaxon 33: 363 (1988)                          | Esp                                      |
| 757 | Parmeliaceae    | Xanthoparmelia | <i>yowensis</i>         |                    |                              | Elix & J. Johnst.  | Mycotaxon 29: 369 (1987)                          | Gs                                       |
| 786 | Teloschistaceae | Xanthoria      | <i>figulata</i>         |                    |                              | (Korb.) P. James in D.J.<br>Galloway                       | New Zealand J. Bot. 21: 198 (1983)                | Coo Gs Swa Aw Car Esp War<br>Yal Nul Mur |
| 786 | Teloschistaceae | Xanthoria      | <i>parietina</i>        |                    |                              | (L.) Beltz.  | Lich. Bassan.: 102 (1858)                         | Esp Coo Jf Aw Swa Car Gs<br>Mal          |

Appendix 2. Abbreviations of authors of lichen species, subspecies and varieties in the checklist. Abbreviations were derived from Brummitt & Powell (1992).

| Authority     | Authors   | Date      | Authority     | Authors   | Date      |
|---------------|---|-----------|---------------|---|-----------|
| Ach.          | Acharius, Erik  | 1757-1819 | Follmann      | Follmann, Gerhard   | 1930-     |
| Ahti          | Ahti, Teuvo Tapio   | 1934-     | Fr.           | Fries, Elias Magnus                                       | 1794-1878 |
| Anzi          | Anzi, Martino   | 1812-1883 | Th. Fr.       | Fries, Theodor (Thore) Magnus                             | 1832-1913 |
| A.W. Archer   | Archer, Alan W.   | 1930-     | Fürnr.        | Fürnrohr, August Emanuel                                  | 1804-1861 |
| P.M. Armstr.  | Armstrong, P.M.   | fl. 1983  | D.J. Galloway | Galloway, David L.  | 1968-     |
| Arnold        | Arnold, Ferdinand Christian Gustav  | 1829-1901 | Gams          | Gams, Helmut  | 1893-1976 |
| Asahina       | Asahina, Yasuhiko (Jasuhiko)  | 1881-1975 | Gaudich.      | Gaudichaud-Beaupré, Charles                               | 1789-1854 |
| G. Awasthi    | Awasthi, Garima   | fl. 1984  | Gray          | Gray, Samuel Frederick                                    | 1766-1828 |
| C. Bab.       | Babington, Churchill  | 1821-1889 | Gyeln.        | Gyelnik, Vilmos Köfaragó                                  | 1906-1945 |
| Bagl.         | Baglietto, Francesco  | 1826-1916 | Hafellner     | Hafellner, Joseph (Josef)                                 | 1951-     |
| F.M. Bailey   | Bailey, Frederick Manson  | 1827-1915 | Hale          | Hale, Mason Ellsworth                                     | 1928-1990 |
| J.K. Bartlett | Bartlett, John Kenneth  | 1945-1986 | Hampe         | Hampe, Georg Ernst Ludwig                                 | 1795-1880 |
| Baumg.        | Baumgarten, Johann Christian Gottlob  | 1765-1843 | Harm.         | Harmand, Julien Herbert Auguste Jules                     | 1844-1915 |
| Beck          | Beck, Günther von Mannagetta und Lérchenau  | 1856-1931 | R.C. Harris   | Harris, Richard C.  | 1939-     |
| Bél.          | Belanger, Charles Paulus  | 1805-1881 | D. Hawksw.    | Hawksworth, David Leslie                                  | 1946-     |
| Bell.         | Bell, S.  | fl. 1852  | Hazsl.        | Hazlinszky, von Hazslin, Friedrich August (Frigyes Ágost) | 1818-1896 |
| Bellem.       | Bellemère, A.   | fl. 1960  | Hedw.         | Hedwig, Johann  | 1772-1806 |
| Beltr.        | Beltramini de Casati, Francesco   | 1828-1903 | Henssen       | Henssen, Aino   | 1925-     |
| Berk.         | Berkeley, Miles Joseph  | 1803-1889 | Hepp          | Hepp, Johann Adam Philipp                                 | 1797-1867 |
| E.C. Berry    | Berry, Edward Cain  | 1898-     | Hertel        | Hertel, Hannes  | 1939-     |
| Berthel.      | Berthelot, Sabin  | 1794-1880 | Hillmann      | Hillmann, Johannes  | 1881-1943 |
| Bitter        | Bitter, Friedrich August Georg  | 1873-1927 | Hoffm.        | Hoffmann, George Franz                                    | 1761-1826 |
| Bornet        | Bornet, Jean-Baptiste Édouard   | 1828-1911 | Hook f.       | Hooker, Joseph Dalton                                     | 1817-1911 |
| Borrer        | Borrill, Martin   | 1924-     | Huds.         | Hudson, William   | 1730-1793 |
| Bosch         | Boschma, Hilbrand   | 1893-1976 | Hue           | Hue, Auguste-Marie  | 1840-1917 |
| Breuss        | Breuss, Othmar  | fl. 1987  | Humb.         | Humboldt, Friedrich Wilhelm Heinrich Alexander von        | 1769-1859 |
| Brodo         | Brodo, Irwin Murray   | 1935-     | Imshaug       | Imshaug, Henry Andrew                                     | 1925-     |
| Büdel         | Büdel, B.   | fl. 1986  | Inoue         | Inoue, Hiroshi  | 1932-1989 |
| DC.           | Candolle, Augustin Pyramus de   | 1778-1841 | P. James      | James, Peter Wilfred                                      | 1930-     |
| Carrol        | Carrol, Isaac   | 1828-1880 | Jatta         | Jatta, Antonio  | 1852-1912 |
| M. Choisy     | Choisy, Maurice Gustave Benoit  | 1897-1966 | J. Johnst.    | Johnston, Jen   | 1954-     |
| Clauzade      | Clauzade, F.J. Georges A.   | 1914-     | M. Jørg.      | Jørgensen, Per Magnus                                     | 1944-     |
| Cleland       | Cleland, John Burton  | 1878-1971 | Kalb          | Kalb, Klaus   | 1942-     |
| Clem.         | Clements, Mark Alwin  | 1949-     | Kantvilas     | Kantvilas, Ginteras                                       | 1956-     |
| Cohn          | Cohn, Ferdinand Julius  | 1828-1898 | Kashiw.       | Kashiwadani, Hiroyuki                                     | 1944-     |
| Coppins       | Coppins, Brian John   | 1949-     | Keissl.       | Keissler, Karl (Carl) von                                 | 1872-1965 |
| Cromb.        | Crombie, James Mascall Morrison   | 1830-1906 | C. Knight     | Knight, Charles   | 1818-1895 |
| Davies        | Davies, Hugh  | 1739-1821 | Korb          | Korb, E.  | 1873-     |
| de Lesd.      | de Lesdain, Maurice Bouly   | 1869-1965 | Kremp.        | Krempelhuber, August von                                  | 1813-1882 |
| Delise        | Delise, Dominique Francois  | 1780-1841 | Krog          | Krog, Hildur  | 1922-     |
| Dicks.        | Dickson, James (Jacobus)  | 1738-1822 | Kurok.        | Kurokawa, Syo   | 1926-     |
| C.W. Dodge    | Dodge, Carroll William  | 1895-1988 | Labill.       | Labillardiere, Jacques Julien Houtton de                  | 1755-1834 |
| Du Rietz      | Du Rietz, Gustaf Einar  | 1895-1967 | Lam.          | Lamarck, Jean Baptiste Antoine Pierre de Monnet de        | 1744-1829 |
| Duby          | Duby, Jean Étienne  | 1798-1885 | Lamy          | Lamy, de la Chapelle, Pierre Marie Édouard                | 1804-1886 |
| Dufour        | Dufour, Jean-Marie Léon   | 1780-1865 | J.R. Laundon  | Laundon, Jack Rodney                                      | 1934-     |
| Egan          | Egan, Robert Shaw   | 1945-     | Le Prévost    | Le Prévost, Auguste                                       | 1787-1860 |
| Ehrh.         | Ehrhart, Jakob Friedrich  | 1742-1795 | Leight.       | Leighton, William Allport                                 | 1805-1889 |
| Elix          | Elix, John Alan   | 1941-     | Lettau        | Lettau, Georg   | 1878-1951 |
| Engl.         | Engler, Heinrich Gustav Adolf   | 1844-1930 | Leuckert      | Leuckert, Christian                                       | 1930-     |
| Erichsen      | Erichsen, Christian Friedo Eckhard  | 1867-1945 | Lib.          | Libert, Marie-Anne  | 1782-1865 |
| Essl.         | Esslinger, Theodore Lee   | 1944-     | Lightf.       | Lightfoot, John   | 1735-1788 |
| Fée           | Fée, Antoine Laurent Apollinaire  | 1789-1874 |               |   |           |
| Filson        | Filson, Rex Bertram   | 1930-     |               |   |           |
| Flagey        | Flagey, Camille   | 1837-1898 |               |   |           |
| A. Fletcher   | Fletcher, Anthony   | 1944-     |               |   |           |
| Flörke        | Flörke, Heinrich Gustav   | 1764-1835 |               |   |           |
| Flot.         | Flotow, Julius Christian Gottlieb Ulrich Gustav Georg Adam Ernst Adam Friedrich von | 1788-18   |               |   |           |

| Authority     | Authors   | Date      | Authority     | Authors   | Date      |
|---------------|---|-----------|---------------|---|-----------|
| Link          | Link, Johann Heinrich Friedrich                       | 1767-1851 | Schrad.       | Schrader, Heinrich Adolph                             | 1767-1836 |
| L.            | Linnaeus, Carl von                                    | 1741-1783 | Screb.        | Schreber, Johann Christian                            | 1739-1810 |
| Lumbsch       | Lumbsch, Helge Thorsten                               | 1964-     | Daniel von    |   |           |
| H. Magn.      | Magnusson, Adolf Hugo                                 | 1885-1964 | Sheard        | Sheard, John Wilson                                   | 1940-     |
| Malme         | Malme, Gustaf Oskar Andersson<br>(né Andersson, G.O.) | 1864-1937 | Sipman        | Sipman, Henricus Johannes Maria                       | 1945-     |
| W. Martin     | Martin, William                                       | 1886-1975 | Sm.           | Smith, James Edward                                   | 1759-1828 |
| A. Massal     | Massalongo, Abramo Bartolommeo                        | 1824-1860 | Sommerf.      | Sommerstorff, Hermann                                 | 1889-1913 |
| Matzer        | Matzer, Mario   | fl. 1990  | Spreng.       | Sprengel, Curt (Kurt, Curtius)<br>Polycarp Joachim    | 1766-1833 |
| H. Mayrhofer  | Mayrhofer, Helmut                                     | 1953-     | B.A. Stein    | Stein, B.A.   | fl. 1988  |
| P.M. McCarthy | McCarthy, Patrick Martin                              | 1955-     | J. Steiner    | Steiner, Julius                                       | 1844-1918 |
| S.L.F. Mey.   | Meyer, Susan Lynn Fricke                              | fl. 1943  | G.N. Stevens  | Stevens, Gweneth Nell                                 | 1934-     |
| Mig.          | Migula, Emil Friedrich August Walther                 | 1863-1938 | Stirt.        | Stirton, James  | 1833-1917 |
| Minks         | Minks, Arthur   | 1846-1908 | Stizenb.      | Stizenberger, Ernst                                   | 1827-1895 |
| Mitt.         | Mitten, William                                       | 1819-1906 | Sw.           | Swartz, Olof (Peter)                                  | 1760-1818 |
| Moberg        | Moberg, J. Roland                                     | 1939-     | Swinscow      | Swinscow, Thomas Douglas Victor                       | 1917-     |
| Mont.         | Montagne, Jean Pierre Francois<br>Camille             | 1784-1866 | Taylor        | Taylor, Thomas  | 1775-1848 |
| Moore         | Moore, David  | 1808-1879 | J.W. Thompson | Thompson, John William                                | 1890-     |
| Motyka        | Motyka, Józef   | 1900-     | Tibell        | Tibell, Leif  | 1944-     |
| Mudd          | Mudd, William A.                                      | 1830-1879 | Timdal        | Timdal, Einar   | 1957-     |
| Müll. Arg.    | Muller, Argoviensis Johannes (Jean)                   | 1828-1896 | Tornab.       | Tornabene, Francesco                                  | 1813-1897 |
| Neck.         | Necker, Noel Martin Joseph de                         | 1730-1793 | Trevis        | Trevisan de Saint-Léon, Vittore<br>Benedettio Antonio | 1818-1897 |
| Nordin        | Nordin, Ingvar  | fl. 1964  | Tuck.         | Tuckey, James Hingston                                | 1776-1816 |
| Nuno          | Nuno, Mariko  | 1932-     | Turner        | Turner, Dawson  | 1775-1858 |
| Nyl.          | Nylander, (Wilhelm) William                           | 1822-1899 | Vain          | Vainio, Edvard (Edward) August                        | 1853-1929 |
| Osbeck        | Osbeck, Pehr  | 1723-1805 | Verdon        | Verdon, Douglas                                       | 1921-2000 |
| Ozenda        | Ozenda, Paul  | 1920-     | Verseghy      | Verseghy, Klára                                       | fl. 1956  |
| Pers.         | Persoon, Christiaan Hendrik                           | 1761-1836 | Vézda         | Vézda, Antonín  | fl. 1963  |
| Poelt         | Poelt, Josef  | 1924-     | Vill.         | Villars, Dominique                                    | 1745-1814 |
| Prantl        | Prantl, Karl Anton Eugen                              | 1849-1893 | A.E. Wade     | Wade, Arthur Edwin                                    | 1895-1989 |
| Quél.         | Quélet, Lucien  | 1832-1899 | Wahlenb.      | Wahlenberg, Georg (Göran)                             | 1780-1851 |
| Rabenh.       | Rabenhorst, Gottlob (Gottlieb) Ludwig                 | 1806-1881 | Wawra         | Wawra, Heinrich                                       | 1831-1887 |
| Rambold       | Rambold, Gerhard Walter                               | 1956-     | Webb          | Webb, Philip Barker                                   | 1793-1854 |
| Räsänen       | Räsänen, Veli Johannes<br>Paavo Bartholomeus          | 1888-1953 | Wedd.         | Weddell, Hugh Algernon                                | 1819-1877 |
| Rech.         | Rechinger, Karl                                       | 1867-1952 | Werner        | Werner, Roger-Guy                                     | 1901-1977 |
| Riddle        | Riddle, Lincoln Ware                                  | 1880-1921 | Wetmore       | Wetmore, Clifford                                     | 1934-     |
| R.W. Rogers   | Rogers, Roderick Westgarth                            | 1944-     | Whipple       | Whipple, Amiel Weeks                                  | 1816-1863 |
| Cl. Roux      | Roux, Claude  | 1945-     | Willd.        | Widenow, Carl Ludwig von                              | 1765-1812 |
| Runemark      | Runemark, Hans  | 1927-     | F. Wilson     | Wilson, Francis Robert Muter                          | 1832-1903 |
| Sandst.       | Sandstede, (Johann) Heinrich                          | 1859-1951 | V. Wirth      | Wirth, Volkmar  | 1943-     |
| R. Sant.      | Santesson, Rolf                                       | 1916-     | With.         | Withering, William                                    | 1741-1799 |
| Schaer.       | Schaerer, Ludwig Emanuel<br>(Louis-Emmanuel)          | 1785-1853 | Wulfen        | Wulfen, Franz Xavier von                              | 1728-1805 |
| Scheid.       | Scheidegger, C.                                       | fl. 1985  | Zahlbr.       | Zahlbrückner, Alexander                               | 1860-1938 |
|               |   |           | Zwackh        | Zwackh-Holzhausen, (Philipp Franz)<br>Wilhelm         | 1826-1903 |

