

**SYSTEMATIC ARRANGEMENT OF
AUSTRALIAN MOSSES**

Taxonomic treatments in ...

[Australian Mosses Online](#)

[Work in progress](#)

17 May 2014

Class Sphagnopsida

Order Sphagnales

Family Sphagnaceae: *Sphagnum*

Order Ambuchananiales

Family Ambuchananiaceae:
Ambuchanania

Class Andreaeopsida

Order Andreaeales

Family Andreaeaceae: *Andreaea*

Class Polytrichopsida

Order Polytrichales

Family Polytrichaceae: *Atrichum*,
Dawsonia, *Notoligotrichum*, *Pogonatum*,
Polytrichadelphus, *Polytrichastrum*,
Polytrichum

Class Bryopsida

Subclass Buxbaumiidae

Order Buxbaumiales

Family Buxbaumiaceae: *Buxbaumia*

Subclass Diphysciidae

Order Diphysciales

Family Diphysciaceae: *Diphyscium*

Subclass Funariidae

Order Encalyptales

Family Encalyptaceae: *Encalypta*

Order Funariales

Family Funariaceae: *Entosthodon*,
Funaria, *Goniomitrium*, *Physcomitrella*,
Physcomitrium

Family Gigaspermaceae: *Gigaspermum*

Subclass Dicranidae

Order Scouleriales

Family Scouleriaceae: *Tridontium*

Order Grimmeriales

Family Grimmeriaceae: *Grimmia*,
Racomitrium, *Schistidium*

Family Seligeriaceae: *Blindia*,
Brachydontium, *Seligeria*

Family Ptychomitriaceae: *Ptychomitrium*

Order Archidiales

Family Archidiaceae: *Archidium*

Order Dicranales

Family Fissidentaceae: *Fissidens*

Family Nanobryaceae: *Nanobryum*

Family Dicranaceae: *Campylopodium*,
Dicnemon, *Dicranoloma*, *Dicranella*,

Dicranum, *Eucamptodon*, *Holomitrium*,
Leptotrichella, *Leucoloma*,
Sclerodontium

Family Leucobryaceae: *Campylopus*,
Leucobryum

Family Calymperaceae: *Arthrocormus*,
Calymperes, *Exostratum*, *Leucophanes*,
Mitthyridium, *Octoblepharum*,
Syrhropodon

Family Ditrichaceae: *Ceratodon*,
Chrysoblastella, *Distichium*, *Ditrichum*,
Eccremidium, *Garckea*, *Pleuridium*,
Wilsoniella

Family Bruchiaceae: *Bruchia*, *Trematodon*

Family Rhabdoweisiaceae: *Amphidium*,
Dicranoweisia, *Kiaeria*, *Verrucidens*

Family Erpodiaceae: *Erpodium*

Family Mitteniaceae: *Mittenia*

Family Viridivelleraceae: *Viridivellus*

Order Pottiales

Family Pottiaceae: *Acaulon*, *Aloina*,
Anoetangium, *Barbula*,
Bryoerythrophyllum, *Calymperastrum*,
Calyptopogon, *Chenia*, *Crossidium*,
Didymodon, *Gymnostomiella*,
Gymnostomum, *Henediella*,
Hymenostomum, *Hyophila*,
Leptodontium, *Microbryum*, *Phascopsis*,
Phascum, *Pottia*, *Pseudosymblypharis*,
Pterygoneurum, *Splachnobryum*, *Stonea*,
Tetrapterum, *Tortella*, *Tortula*,
Trachycarpidium, *Trichostomum*,
Triquetrella, *Ulebryum*, *Weissia*

Family Pleurophascaceae: *Pleurophascum*

Family Bryobartramiaceae: *Bryobartramia*

Family Ephemeraceae: *Ephemerum*,
Nanomitriopsis

Subclass Bryidae

Order Splachnales

Family Splachnaceae: *Tayloria*

Family Meesiaceae: *Leptobryum*, *Meesia*

Order Orthotrichales

Family Orthotrichaceae: *Groutiella*,
Macrocoma, *Macromitrium*,
Orthotrichum, *Schlotheimia*,
Stoneobryum, *Ulotia*, *Zygodon*

Order Hedwigiales

Family Hedwigiaceae: *Hedwigia*,
Hedwigidium

Family Rhacocarpaceae: *Rhacocarpus*

Order Bryales

Family Aulacomniaceae: *Aulacomnium*

Family Bartramiaceae: *Bartramia*,
Breutelia, *Conostomum*, *Philonotis*

Family Orthodontiaceae: *Orthodontium*

Family Bryaceae: *Brachymerium*, *Bryum*,

Gemmabryum, Ochiobryum, Plagiobryum, Ptychostomum, Rhodobryum, Rosulabryum
 Family Mielichhoferiaceae: *Mielichhoferia, Pohlia*
 Family Mniaceae: *Orthomnion, Plagiomnium*
 Family Leptostomataceae: *Leptostomum*
 Family Pulchrinodaceae: *Pulchrinodus*
 Order Rhizogoniales
 Family Hypnodendraceae: *Bescherellia, Hypnodendron, Mniodendron, Spiridens*
 Family Rhizogoniaceae: *Goniobryum, Hymenodon, Leptotheca, Mesochaete, Pyrrhobryum, Rhizogonium*
 Family Calomniaceae: *Calomnion*
 Family Pterobryellaceae: *Pterobryella*
 Family Racopilaceae: *Powellia, Racopilum*
 Order Hookeriales
 Family Hypopterygiaceae: *Cyathophorum, Hypopterygium, Lopidium*
 Family Garovagliaceae: *Euptychium, Garovaglia*
 Family Ptychomniaceae: *Glyphothecium, Hampeella, Ptychomnion, Tetraphidopsis*
 Family Saulomataceae: *Sauloma**
 Family Daltoniaceae: *Achrophyllum*, Bryobrothera*, Calypstrochaeta*, Daltonia*, Distichophyllum*, Ephemeropsis*
 Family Pilotrichaceae: *Callicostella*, Cyclodictyon*, Hookeriopsis**
 Order Hypnales
 Family Braithwaiteaceae: *Braithwaitea*
 Family Trachylomataceae: *Trachyloma*
 Family Climaciaceae: *Climacium*
 Family Amblystegiaceae: *Amblystegium, Anacamptodon, Bryostreimannia, Campylium, Cratoneurosis, Drepanocladus, Leptodictyum, Orthotheciella, Sanionia*
 Family Calliergonaceae: *Scorpidium, Straminergon, Warnstorfia*
 Family Hylocomiaceae: *Rhytidadelphus*
 Family Leskeaceae: *Claopodium, Pseudoleskeopsis*
 Family Catagoniaceae: *Catagonium*
 Family Pterigynandraceae: *Trachyphyllum*
 Family Thuidiaceae: *Aequatoriella, Pelekium, Thuidiopsis, Thuidium*
 Family Brachytheciaceae: *Brachythecium, Eurhynchium, Platyhypnidium, Pseudoscleropodium, Rhynchostegium, Scleropodium, Scorpiurium*
 Family Stereophyllaceae: *Stereophyllum*

Family Myriniaceae: *Macgregorella*
 Family Fabroniaceae: *Fabronia, Ischyrodon*
 Family Meteoriaceae: *Aerobryopsis, Barbella, Barbellopsis, Floribundaria, Meteoriopsis, Meteorium, Papillaria, Pseudospiridentopsis, Trachypus*
 Family Plagiotheciaceae: *Plagiothecium*
 Family Entodontaceae: *Entodon, Mesonodon*
 Family Hypnaceae: *Austrohondaella, Calliergonella, Ctenidium, Ectropothecium, Hypnum, Isopterygiopsis, Pseudohypnella, Pseudotaxiphyllum, Taxiphyllum, Trachythecium, Vesicularia*
 Family Symphyodontaceae: *Chaetomitrium**
 Family Pylaisiadelphaceae: *Clastobryum, Isocladiella, Isopterygium, Taxithelium, Trismegistia, Wijkia*
 Family Sematophyllaceae: *Acanthorrhynchium, Acroporium, Macrohymenium, Meiotheciella, Meiothecium, Papillidiopsis, Radulina, Rhabdorrhynchium, Sematophyllum, Trichosteleum, Warburgiella*
 Family Myuriaceae: *Oedycladium*
 Family Cryphaeaceae: *Cryphaea, Cyrtodon, Dendrocryphaea, Schoenobryum*
 Family Pterobryaceae: *Calypothecium, Cryptogonium, Muellerobryum, Neolindbergia, Pterobryidium, Pterobryon, Rhabdodontium*
 Family Orthorrhynchiaceae: *Orthorrhynchium*
 Family Myriniaceae: *Macgregorella*
 Family Lepyrodontaceae: *Lepyrodon*
 Family Neckeraceae: *Caduciella, Himantocladium, Homaliodendron, Neckera, Neckeropsis, Pinnatella, Thamnobryum, Touwia*
 Family Echinodiaceae: *Echinodium*
 Family Leptodontaceae: *Forsstroemia, Leptodon*
 Family Lembophyllaceae: *Acrocladium, Camptochaete, Fallaciella, Lembophyllum, Weymouthia*
 Family Anomodontaceae: *Anomodon, Haplohymenium, Herpetineuron*
 Family Sorapillaceae: *Sorapilla*
 * in Hookeriaceae in Australian Mosses
 Online