

Accepted and Synonym Scientific Names List: Non-Vascular Plants

Current as of
15-Feb-2023

IMPORTANT USER INFORMATION: This list is being provided by the Saskatchewan Conservation Data Centre as a tool to facilitate users in determining the current, accepted taxonomy for non-vascular plants. All names currently in the SKCDC database are provided alphabetically below. If a name is currently out of use in Saskatchewan, it's current synonym is provided following it in brackets, DETAILS ON SPECIAL CASES BELOW:

In this list, as in our species list, we are unable to distinguish between true synonyms and misapplied names used as synonyms. For example, *Cryptantha fendleri* is an accepted name for a taxon that is currently found in Saskatchewan. This name, however, has also been misapplied to both *Cryptantha kelseyana* and *Cryptantha minima* in the past, therefore appears as a synonym to those two species.

In addition, there may be more than one current name for any given out-of-date name (for example see *Cryptantha nubigena*) if a species had been split or if a name was misapplied to more than one species in the past.

It is up to the user to ensure that the taxon name they choose is the correct one for what they have observed.

Please notify the [SKCDC botanist](#) of any errors or omissions.

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Retrieved from www.biodiversity.sk.ca/SppList.htm

Species Name (For Synonyms, Accepted Name is in Brackets):

Liverworts

Anastrophyllum michauxii
Anastrophyllum minutum (Sphenolobus minutus)
Anastrophyllum saxicola (Sphenolobus saxicola)
Anastrophyllum saxicolus (Sphenolobus saxicola)
Aneura pinguis (Aneura pinguis var. pinguis)
Aneura pinguis var. pinguis
Arnellia fennica
Barbilophozia attenuata (Neoorthocaulis attenuatus)
Barbilophozia barbata
Barbilophozia hatcheri
Barbilophozia kunzeana (Schljakovia kunzeana)
Barbilophozia lycopodioides
Blasia pusilla
Blepharostoma trichophyllum
Calypogeia integristipula
Calypogeia muelleriana

Species Name (For Synonyms, Accepted Name is in Brackets):

Calypogeia sphagnicola
Calypogeia suecica
Cephalozia ambigua
Cephalozia bicuspidata
Cephalozia bicuspidata ssp. ambigua (Cephalozia ambigua)
Cephalozia connivens (Fuscocephaloziopsis connivens)
Cephalozia loitlesbergeri (Fuscocephaloziopsis loitlesbergeri)
Cephalozia lunulifolia (Fuscocephaloziopsis lunulifolia)
Cephalozia macounii
Cephalozia pleniceps (Fuscocephaloziopsis pleniceps)
Cephaloziella byssacea (Cephaloziella divaricata)
Cephaloziella divaricata
Cephaloziella elachista
Cephaloziella rubella
Cephaloziella spinigera
Cephaloziella subdentata (Cephaloziella spinigera)
Chiloscyphus minor (Lophocolea minor)
Chiloscyphus pallescens
Chiloscyphus polyanthos
Chiloscyphus profundus (Lophocolea heterophylla ssp. heterophylla)
Cladopodiella fluitans (Odontoschisma fluitans)
Conocephalum conicum (Conocephalum salebrosum)
Conocephalum salebrosum
Fossombronina wondraczekii
Frullania bolanderi
Fuscocephaloziopsis connivens
Fuscocephaloziopsis loitlesbergeri
Fuscocephaloziopsis lunulifolia
Fuscocephaloziopsis pleniceps
Geocalyx graveolens
Gymnocolea inflata (Gymnocolea inflata ssp. inflata)
Gymnocolea inflata ssp. inflata
Harpanthus flotovianus
Jamesoniella autumnalis (Syzygiella autumnalis)

Species Name (For Synonyms, Accepted Name is in Brackets):

Jungermannia exsertifolia
Jungermannia lanceolata (Liochlaena lanceolata)
Jungermannia leiantha (Liochlaena lanceolata)
Leiocolea collaris (Mesoptychia collaris)
Leiocolea heterocolpos (Mesoptychia heterocolpos)
Leiocolea rutheana (Mesoptychia rutheana var. rutheana)
Leiomylia anomala
Lepidozia reptans
Liochlaena lanceolata
Lophocolea heterophylla (Lophocolea heterophylla ssp. heterophylla)
Lophocolea heterophylla ssp. heterophylla
Lophocolea minor
Lophozia attenuata (Neoorthocaulis attenuatus)
Lophozia barbata (Barbilophozia barbata)
Lophozia collaris (Mesoptychia collaris)
Lophozia excisa (Lophozioipsis excisa)
Lophozia grandiretis (Schistochilopsis grandiretis)
Lophozia guttulata (Lophozia ventricosa var. longiflora)
Lophozia hatcheri (Barbilophozia hatcheri)
Lophozia heterocolpos (Mesoptychia heterocolpos)
Lophozia incisa (Schistochilopsis incisa)
Lophozia longidens (Lophozioipsis longidens)
Lophozia longidens ssp. longidens (Lophozioipsis longidens)
Lophozia rutheana (Mesoptychia rutheana var. rutheana)
Lophozia ventricosa var. longiflora
Lophozia wenzelii
Lophozioipsis excisa
Lophozioipsis longidens
Lophozioipsis longidens ssp. longidens (Lophozioipsis longidens)
Marchantia polymorpha
Marchantia quadrata
Marsupella emarginata
Mesoptychia collaris
Mesoptychia heterocolpos

Species Name (For Synonyms, Accepted Name is in Brackets):

Mesoptychia rutheana var. rutheana
Mylia anomala (Leiomylia anomala)
Neoorthocaulis attenuatus
Odontoschisma denudatum
Odontoschisma fluitans
Odontoschisma macounii
Pellia neesiana
Plagiochila porelloides
Porella platyphylla
Preissia quadrata (Marchantia quadrata)
Ptilidium ciliare
Ptilidium pulcherrimum
Radula complanata
Riccardia latifrons
Riccardia multifida
Riccardia palmata
Riccardia pinguis (Aneura pinguis var. pinguis)
Riccia cavernosa
Riccia fluitans
Ricciocarpos natans
Ricciocarpus natans (Ricciocarpos natans)
Scapania apiculata
Scapania curta
Scapania glaucocephala (Scapania glaucocephala var. glaucocephala)
Scapania glaucocephala var. glaucocephala
Scapania gymnostomophila
Scapania irrigua
Scapania mucronata
Scapania mucronata ssp. mucronata (Scapania mucronata)
Scapania nemorea
Scapania nemorosa (Scapania nemorea)
Scapania paludicola
Scapania paludosa
Scapania scandica

Species Name (For Synonyms, Accepted Name is in Brackets):

Scapania uliginosa
Scapania undulata
Schistochilopsis grandiretis
Schistochilopsis incisa
Schljakovia kunzeana
Sphenolobus minutus
Sphenolobus saxicola
Syzygiella autumnalis
Trichocolea tomentella
Trilophozia quinquedentata (Tritomaria quinquedentata)
Tritomaria exsectiformis
Tritomaria quinquedentata

Species Name (For Synonyms, Accepted Name is in Brackets):

Mosses

Abietinella abietina
Acaulon muticum var. rufescens
Acaulon rufescens (Acaulon muticum var. rufescens)
Acaulon triquetrum
Aloina brevirostris
Amblystegium confervoides (Platydictya confervoides)
Amblystegium humile (Hygroamblystegium varium var. humile)
Amblystegium polygamum (Campylium polygamum)
Amblystegium radicale (Campylium radicale)
Amblystegium riparium (Leptodictyum riparium)
Amblystegium serpens var. juratzkanum
Amblystegium trichopodium (Hygroamblystegium varium var. humile)
Amblystegium varium (Hygroamblystegium varium)
Amphidium lapponicum
Andreaea crassinervia
Andreaea nivalis
Andreaea rupestris var. papillosa
Anomodon rostratus
Arctoa blyttii (Kiaeria blyttii)
Astomum muehlenbergianum (Weissia muehlenbergiana)
Astomum muehlenbergianum (Weissia muehlenbergiana)
Astomum phascoides (Weissia phascopsis)
Atrichum selwynii
Atrichum tenellum
Atrichum undulatum
Aulacomnium androgynum
Aulacomnium palustre
Aulacomnium turgidum
Barbula convoluta
Barbula unguiculata
Bartramia ithyphylla
Bartramia pomiformis
Brachytheciastrum collinum

Species Name (For Synonyms, Accepted Name is in Brackets):

Brachytheciastrum velutinum (Brachythecium velutinum)
Brachythecium acuminatum
Brachythecium acutum
Brachythecium albicans
Brachythecium calcareum
Brachythecium campestre
Brachythecium cirrosum
Brachythecium collinum (Brachytheciastrum collinum)
Brachythecium digastrum
Brachythecium digastrum (Brachythecium laetum)
Brachythecium flagellare (Brachythecium plumosum)
Brachythecium laetum
Brachythecium novae-angliae (Bryhnia novae-angliae)
Brachythecium oxycladon (Brachythecium laetum)
Brachythecium plumosum
Brachythecium populeum (Sciuro-hypnum populeum)
Brachythecium reflexum
Brachythecium rivulare
Brachythecium rutabulum
Brachythecium salebrosum
Brachythecium starkei (Sciuro-hypnum starkei)
Brachythecium turgidum
Brachythecium velutinum
Breidleria pratensis (Hypnum pratense)
Brideliella wahlenbergii (Oncophorus wahlenbergii)
Bryhnia novae-angliae
Bryoerythrophyllum recurvirostre (Bryoerythrophyllum recurvirostrum)
Bryoerythrophyllum recurvirostrum
Bryohaplocladium microphyllum (Haplocladium microphyllum)
Bryohaplocladium virginianum (Haplocladium virginianum)
Bryum algovicum
Bryum amblyodon (Ptychostomum inclinatum)
Bryum arcticum
Bryum argenteum

Species Name (For Synonyms, Accepted Name is in Brackets):

Bryum bicolor (Bryum dichotomum)
Bryum bimum (Ptychostomum bimum)
Bryum caespitium (Gemmabryum caespitium)
Bryum capillare
Bryum creberrimum (Ptychostomum creberrimum)
Bryum cuspidatum (Ptychostomum creberrimum)
Bryum cyclophyllum (Ptychostomum cyclophyllum)
Bryum dichotomum
Bryum imbricatum
Bryum inclinatum (Ptychostomum inclinatum)
Bryum knowltonii (Ptychostomum knowltonii)
Bryum lisae (Ptychostomum creberrimum)
Bryum lisae var. cuspidatum (Ptychostomum creberrimum)
Bryum lonchocaulon
Bryum ovatum (Pterygoneurum ovatum)
Bryum pallescens (Ptychostomum pallescens)
Bryum pseudotriquetrum (Ptychostomum pseudotriquetrum)
Bryum pseudotriquetrum var. bimum (Ptychostomum bimum)
Bryum stenotrichum (Ptychostomum inclinatum)
Bryum stenotrichum var. biddlecomiae (Ptychostomum inclinatum)
Bryum turbinatum
Bryum uliginosum
Buckia vaucheri (Hypnum vaucheri)
Bucklandiella affinis
Bucklandiella heterosticha
Bucklandiella sudetica
Buxbaumia aphylla
Callicladium haldaneanum (Callicladium haldanianum)
Callicladium haldanianum
Calliergidium pseudostramineum (Warnstorfia pseudostraminea)
Calliergon cordifolium
Calliergon giganteum
Calliergon obtusifolium (Calliergon richardsonii)
Calliergon pseudomontanum (Hygrohypnum luridum)

Species Name (For Synonyms, Accepted Name is in Brackets):

Calliergon richardsonii
Calliergon sarmentosum (Sarmentypnum sarmentosum)
Calliergon stramineum (Straminergon stramineum)
Calliergon trifarium (Pseudocalliergon trifarium)
Calliergon turgescens (Pseudocalliergon turgescens)
Calliergonella cuspidata
Calliergonella lindbergii (Hypnum lindbergii)
Campyliadelphus chrysophyllus (Campylium chrysophyllum)
Campylium bambergeri (Hypnum bambergeri)
Campylium chrysophyllum
Campylium hispidulum (Campylophyllum hispidulum)
Campylium polygamum
Campylium radicale
Campylium stellatum
Campylium stellatum var. stellatum (Campylium stellatum)
Campylophyllopsis hispidula (Campylophyllum hispidulum)
Campylophyllum hispidulum
Catoscopium nigrum
Ceratodon purpureus
Cinclidium stygium
Cirriphyllum cirrosum (Brachythecium cirrosum)
Claopodium rostratum (Anomodon rostratus)
Climacium americanum
Climacium dendroides
Cnestrum alpestre (Cynodontium alpestre)
Cnestrum schisti (Cynodontium schisti)
Conardia compacta
Cratoneuron filicinum
Cynodontium alpestre
Cynodontium schisti
Cynodontium strumiferum
Cynodontium tenellum
Cynodontium torquescens (Cynodontium tenellum)
Cyrtonmium hymenophylloides

Species Name (For Synonyms, Accepted Name is in Brackets):

Desmatodon cernuus (Tortula cernua)
Desmatodon heimii
Desmatodon obtusifolius (Tortula obtusifolia)
Dichelyma falcatum
Dichodontium pellucidum
Dicranella cerviculata
Dicranella grevilleana (Dicranella schreberiana)
Dicranella heteromalla
Dicranella schreberiana
Dicranella subulata
Dicranella varia
Dicranoweisia cirrata
Dicranoweisia crispula
Dicranum acutifolium
Dicranum affine (Dicranum undulatum)
Dicranum angustum (Dicranum spadiceum)
Dicranum bergeri (Dicranum undulatum)
Dicranum bonjeanii
Dicranum elongatum
Dicranum flagellare
Dicranum fragilifolium
Dicranum fuscescens
Dicranum groenlandicum
Dicranum montanum
Dicranum muehlenbeckii
Dicranum ontariense
Dicranum polysetum
Dicranum rugosum (Dicranum polysetum)
Dicranum scoparium
Dicranum spadiceum
Dicranum strictum (Dicranum tauricum)
Dicranum tauricum
Dicranum undulatum
Dicranum viride

Species Name (For Synonyms, Accepted Name is in Brackets):

Didymodon acutus (Didymodon rigidulus var. gracilis)
Didymodon fallax
Didymodon fallax var. fallax (Didymodon fallax)
Didymodon recurvirostris (Bryoerythrophyllum recurvirostrum)
Didymodon recurvirostrum (Bryoerythrophyllum recurvirostrum)
Didymodon rigidulus var. gracilis
Didymodon trifarius (Saelania glaucescens)
Distichium capillaceum
Distichium inclinatum
Ditrichum ambiguum
Ditrichum flexicaule
Ditrichum pusillum
Drepanocladus aduncus var. kneiffii
Drepanocladus aduncus var. polycarpon (Drepanocladus aduncus var. polycarpus)
Drepanocladus aduncus var. polycarpus
Drepanocladus badius (Loeskyopnum badium)
Drepanocladus capillifolius
Drepanocladus exannulatus (Warnstorfia exannulata var. exannulata)
Drepanocladus exannulatus var. exannulatus (Warnstorfia exannulata var. exannulata)
Drepanocladus fluitans (Warnstorfia fluitans var. fluitans)
Drepanocladus fluitans var. fluitans (Warnstorfia fluitans var. fluitans)
Drepanocladus lapponicus (Hamatocaulis lapponicus)
Drepanocladus polygamus (Campylium polygamum)
Drepanocladus pseudostramineus (Warnstorfia pseudostraminea)
Drepanocladus revolvens (Scorpidium revolvens)
Drepanocladus trifarius (Pseudocalliergon trifarium)
Drepanocladus tundrae (Sarmentypnum tundrae)
Drepanocladus turgescens (Pseudocalliergon turgescens)
Drepanocladus uncinatus (Sanionia uncinata)
Drepanocladus uncinatus var. plumosus (Sanionia uncinata)
Drepanocladus uncinatus var. uncinatus (Sanionia uncinata)
Drepanocladus vernicosus (Hamatocaulis vernicosus)
Encalypta brevicolla (Encalypta brevicollis)
Encalypta brevicollis

Species Name (For Synonyms, Accepted Name is in Brackets):

Encalypta procera
Encalypta raptocarpa
Encalypta vulgaris
Entodon cladorrhizans
Entosthodon rubiginosus
Ephemerum crassinervium
Ephemerum serratum
Ephemerum spinulosum
Eurhynchiastrum pulchellum (Eurhynchium pulchellum)
Eurhynchium pulchellum
Fissidens adianthoides
Fissidens bryoides
Fissidens osmundioides
Fissidens osmundoides (Fissidens osmundioides)
Fissidens pauperculus
Flexitrichum flexicaule (Ditrichum flexicaule)
Fontinalis antipyretica
Fontinalis dalecarlica
Fontinalis duriaei (Fontinalis hypnoides var. duriaei)
Fontinalis hypnoides var. duriaei
Funaria hygrometrica (Funaria hygrometrica var. hygrometrica)
Funaria hygrometrica var. hygrometrica
Geheebia fallax (Didymodon fallax)
Gemmabryum caespitium
Gemmabryum dichotomum (Bryum dichotomum)
Grimmia affinis (Grimmia longirostris)
Grimmia agassizii (Schistidium agassizii)
Grimmia alpicola (Schistidium agassizii)
Grimmia alpicola (Schistidium rivulare)
Grimmia anodon
Grimmia donniana
Grimmia longirostris
Grimmia plagiopodia
Grimmia rivularis (Schistidium rivulare)

Species Name (For Synonyms, Accepted Name is in Brackets):

Grimmia teretinervis
Grimmia trichophylla
Gymnostomum aeruginosum
Gymnostomum ovatum (Pterygoneurum ovatum)
Hamatocaulis lapponicus
Hamatocaulis vernicosus
Haplocladium microphyllum
Haplocladium virginianum
Hedwigia ciliata
Helodium blandowii
Hennediella heimii (Desmatodon heimii)
Herzogiella seligeri
Herzogiella striatella
Herzogiella turfacea
Heterophyllum haldanianum (Callicladium haldanianum)
Homomallium adnatum
Hygroamblystegium humile (Hygroamblystegium varium var. humile)
Hygroamblystegium tenax var. tenax (Hygroamblystegium varium)
Hygroamblystegium varium
Hygroamblystegium varium ssp. varium var. humile (Hygroamblystegium varium var. humile)
Hygroamblystegium varium var. humile
Hygrohypnum luridum
Hygrohypnum palustre (Hygrohypnum luridum)
Hylocomiadelphus triquetrus (Rhytidiadelphus triquetrus)
Hylocomium alaskanum (Hylocomium splendens)
Hylocomium splendens
Hymenoloma crispulum (Dicranoweisia crispula)
Hypnum bambergeri
Hypnum crista-castrensis (Ptilium crista-castrensis)
Hypnum cupressiforme
Hypnum fauriei
Hypnum fertile (Hypnum fauriei)
Hypnum hamulosum
Hypnum lindbergii

Species Name (For Synonyms, Accepted Name is in Brackets):

Hypnum luridum (Hygrohypnum luridum)
Hypnum pallescens
Hypnum patientiae (Hypnum lindbergii)
Hypnum pratense
Hypnum recurvatum
Hypnum revolutum
Hypnum vaucheri
Isopterygiella pulchella (Isopterygiopsis pulchella)
Isopterygiopsis pulchella
Isopterygium muellerianum (Distichium capillaceum)
Isopterygium striatellum (Herzogiella striatella)
Jochenia pallescens (Hypnum pallescens)
Kiaeria blyttii
Leptobryum pyriforme
Leptodictyum humile (Hygroamblystegium varium var. humile)
Leptodictyum riparium
Lescuraea incurvata (Pseudoleskea incurvata)
Lescuraea patens (Pseudoleskea patens)
Leskea arenicola (Leskea polycarpa)
Leskea gracilescens
Leskea nervosa var. nigrescens (Leskeella nervosa)
Leskea obscura
Leskea polycarpa
Leskeella nervosa
Leskeella tectorum (Pseudoleskeella tectorum)
Lewinskya affinis (Orthotrichum affine)
Lewinskya elegans (Orthotrichum elegans)
Lewinskya laevigata (Orthotrichum laevigatum)
Lewinskya rupestris (Orthotrichum rupestre)
Lewinskya speciosa (Orthotrichum speciosum)
Limprichtia cossonii (Scorpidium cossonii)
Limprichtia revolvens (Scorpidium revolvens)
Loeskyopnum badium
Meesia longiseta

Species Name (For Synonyms, Accepted Name is in Brackets):

Meesia triquetra
Meesia uliginosa
Mnium affine (Plagiomnium ciliare)
Mnium affine var. ciliare (Plagiomnium ciliare)
Mnium affine var. rugicum (Plagiomnium ellipticum)
Mnium ambiguum
Mnium andrewsianum (Rhizomnium andrewsianum)
Mnium cinclidioides (Pseudobryum cinclidioides)
Mnium cuspidatum (Plagiomnium cuspidatum)
Mnium drummondii (Plagiomnium drummondii)
Mnium hymenophylloides (Cyrtomnium hymenophylloides)
Mnium koponenii (Rhizomnium gracile)
Mnium longirostre (Plagiomnium rostratum)
Mnium lycopodioides (Mnium ambiguum)
Mnium marginatum
Mnium medium (Plagiomnium medium)
Mnium orthorrhynchum (Mnium thomsonii)
Mnium pseudopunctatum (Rhizomnium pseudopunctatum)
Mnium punctatum (Rhizomnium punctatum)
Mnium punctatum var. elatum (Rhizomnium magnifolium)
Mnium serratum (Mnium marginatum)
Mnium spinulosum
Mnium stellare
Mnium thomsonii
Myurella julacea
Neckera pennata
Niphotrichum canescens
Nyholmiella obtusifolia (Orthotrichum obtusifolium)
Oncophorus schisti (Cynodontium schisti)
Oncophorus strumulosus (Cynodontium alpestre)
Oncophorus tenellus (Cynodontium tenellum)
Oncophorus virens
Oncophorus wahlenbergii
Orthodicranum flagellare (Dicranum flagellare)

Species Name (For Synonyms, Accepted Name is in Brackets):

Orthodicranum montanum (Dicranum montanum)
Orthodicranum tauricum (Dicranum tauricum)
Orthodicranum viride (Dicranum viride)
Orthothecium chryseon (Orthothecium chryseum)
Orthothecium chryseum
Orthotrichum affine
Orthotrichum anomalum
Orthotrichum elegans
Orthotrichum laevigatum
Orthotrichum obtusifolium
Orthotrichum pumilum
Orthotrichum rupestre
Orthotrichum speciosum
Orthotrichum speciosum var. elegans (Orthotrichum elegans)
Orthotrichum speciosum var. speciosum (Orthotrichum speciosum)
Orthotrichum stellatum
Orthotrichum strangulatum
Paludella squarrosa
Palustriella commutata
Paraleucobryum longifolium
Phascum cuspidatum (Tortula acaulon)
Phascum triquetrum (Acaulon triquetrum)
Philonotis fontana var. americana
Philonotis fontana var. pumila
Physcomitrium hookeri
Physcomitrium pyriforme
Plagiomnium affine (Plagiomnium ciliare)
Plagiomnium ciliare
Plagiomnium cuspidatum
Plagiomnium drummondii
Plagiomnium ellipticum
Plagiomnium medium
Plagiomnium rostratum
Plagiomnium rugicum (Plagiomnium ellipticum)

Species Name (For Synonyms, Accepted Name is in Brackets):

Plagiopus oederi (Plagiopus oederianus)
Plagiopus oederiana (Plagiopus oederianus)
Plagiopus oederianus
Plagiothecium denticulatum
Plagiothecium deplanatum (Taxiphyllum deplanatum)
Plagiothecium laetum
Platydictya confervoides
Platydictya jungermannioides
Platygyrium repens
Pleuridium subulatum
Pleurozium schreberi
Pogonatum urnigerum
Pohlia bulbifera
Pohlia cruda
Pohlia drummondii
Pohlia filum
Pohlia nutans
Pohlia proligera
Pohlia rothii (Pohlia filum)
Pohlia rutilans (Pohlia nutans)
Pohlia sphagnicola
Pohlia vexans
Pohlia wahlenbergii
Polytrichastrum formosum
Polytrichastrum longisetum (Polytrichum longisetum)
Polytrichastrum pallidisetum
Polytrichum alpestre (Polytrichum juniperinum)
Polytrichum commune
Polytrichum commune var. jensenii (Polytrichum jensenii)
Polytrichum decipiens (Polytrichastrum pallidisetum)
Polytrichum formosum (Polytrichastrum formosum)
Polytrichum formosum var. aurantiacum (Polytrichum longisetum)
Polytrichum hyperboreum
Polytrichum jensenii

Species Name (For Synonyms, Accepted Name is in Brackets):

Polytrichum juniperinum
Polytrichum juniperinum var. alpestre (Polytrichum juniperinum)
Polytrichum longisetum
Polytrichum pallidisetum (Polytrichastrum pallidisetum)
Polytrichum piliferum
Polytrichum strictum
Pottia bryoides (Tortula protobryoides)
Pottia heimii (Desmatodon heimii)
Pottia intermedia (Tortula modica)
Pottia nevadensis (Tortula nevadensis)
Pottia truncata (Tortula truncata)
Pottia truncata var. major (Tortula modica)
Pseudobryum cinclidioides
Pseudocalliergon trifarium
Pseudocalliergon turgescens
Pseudocampylium radicale (Campylium radicale)
Pseudoleskea incurvata
Pseudoleskea patens
Pseudoleskeella nervosa (Leskeella nervosa)
Pseudoleskeella tectorum
Pterigynandrum filiforme
Pterygoneurum kozlovii
Pterygoneurum ovatum
Pterygoneurum subsessile
Ptilium crista-castrensis
Ptychostomum arcticum (Bryum arcticum)
Ptychostomum bimum
Ptychostomum cernuum (Bryum uliginosum)
Ptychostomum creberrimum
Ptychostomum cyclophyllum
Ptychostomum inclinatum
Ptychostomum knowltonii
Ptychostomum lonchocaulon (Bryum lonchocaulon)
Ptychostomum pallescens

Species Name (For Synonyms, Accepted Name is in Brackets):

Ptychostomum pendulum (Bryum algovicum)
Ptychostomum pseudotriquetrum
Ptychostomum turbinatum (Bryum turbinatum)
Pylaisia polyantha
Pylaisia subdenticulata (Pylaisia polyantha)
Pylaisiella polyantha (Pylaisia polyantha)
Racomitrium affine (Bucklandiella affinis)
Racomitrium canescens (Niphotrichum canescens)
Racomitrium heterostichum (Bucklandiella heterosticha)
Racomitrium sudeticum (Bucklandiella sudetica)
Rhacomitrium canescens (Niphotrichum canescens)
Rhacomitrium sudeticum (Bucklandiella sudetica)
Rhizomnium andrewsianum
Rhizomnium gracile
Rhizomnium magnifolium
Rhizomnium pseudopunctatum
Rhizomnium punctatum
Rhodobryum ontariense
Rhynchostegiella compacta (Conardia compacta)
Rhytidiadelphus triquetrus
Rhytidium rugosum
Roaldia revoluta (Hypnum revolutum)
Rosulabryum capillare (Bryum capillare)
Saelania glaucescens
Sanionia uncinata
Sanionia uncinata var. uncinata (Sanionia uncinata)
Sarmenthypnum sarmentosum (Sarmentypnum sarmentosum)
Sarmentypnum exannulatum (Warnstorfia exannulata var. exannulata)
Sarmentypnum exannulatum var. 1 (Warnstorfia exannulata var. exannulata)
Sarmentypnum sarmentosum
Sarmentypnum tundrae
Schistidium agassizii
Schistidium alpicola (Schistidium agassizii)
Schistidium alpicola (Schistidium rivulare)

Species Name (For Synonyms, Accepted Name is in Brackets):

Schistidium apocarpum
Schistidium boreale
Schistidium obtusifolium (Grimmia anodon)
Schistidium pulchrum
Schistidium rivulare
Schistidium tenerum
Schistidium teretinerve (Grimmia teretineris)
Sciuro-Hypnum plumosum (Brachythecium plumosum)
Sciuro-Hypnum populeum
Sciuro-Hypnum reflexum (Brachythecium reflexum)
Sciuro-Hypnum starkei
Scleropodium cespitans
Scorpidium cossonii
Scorpidium revolvens
Scorpidium scorpioides
Scorpidium turgescens (Pseudocalliergon turgescens)
Seligeria donniana
Seligeria tristichoides
Serpoleskea confervoides (Platydictya confervoides)
Sphagnum angustifolium
Sphagnum annulatum
Sphagnum annulatum var. porosum (Sphagnum jensenii)
Sphagnum balticum
Sphagnum capillaceum (Sphagnum capillifolium)
Sphagnum capillaceum var. tenellum (Sphagnum rubellum)
Sphagnum capillaceum var. tenerum (Sphagnum tenerum)
Sphagnum capillifolium
Sphagnum capillifolium var. tenellum (Sphagnum rubellum)
Sphagnum centrale
Sphagnum compactum
Sphagnum contortum
Sphagnum crispum (Sphagnum subsecundum)
Sphagnum cuspidatum
Sphagnum dunsenii (Sphagnum majus)

Species Name (For Synonyms, Accepted Name is in Brackets):

Sphagnum fallax
Sphagnum fimbriatum
Sphagnum fuscum
Sphagnum girgensohnii
Sphagnum jensenii
Sphagnum lindbergii
Sphagnum magellanicum
Sphagnum majus
Sphagnum nemoreum (Sphagnum capillifolium)
Sphagnum obtusum
Sphagnum platyphyllum
Sphagnum quinquefarium
Sphagnum recurvum
Sphagnum riparium
Sphagnum robustum (Sphagnum russowii)
Sphagnum rubellum
Sphagnum russowii
Sphagnum squarrosum
Sphagnum subsecundum
Sphagnum subsecundum var. contortum (Sphagnum contortum)
Sphagnum subsecundum var. platyphyllum (Sphagnum platyphyllum)
Sphagnum subsecundum var. subsecundum (Sphagnum subsecundum)
Sphagnum tenellum
Sphagnum tenerum
Sphagnum teres
Sphagnum warnstorffianum (Sphagnum warnstorffii)
Sphagnum warnstorffii
Sphagnum wulfianum
Splachnum ampullaceum
Splachnum luteum
Splachnum ovatum (Splachnum sphaericum)
Splachnum rubrum
Splachnum sphaericum
Splachnum vasculosum

Species Name (For Synonyms, Accepted Name is in Brackets):

Stereodon hamulosus (Hypnum hamulosum)
Stereodon pratensis (Hypnum pratense)
Straminergon stramineum
Streblotrichum convolutum (Barbula convoluta)
Syntrichia ruralis (Tortula ruralis)
Taxiphyllum deplanatum
Tayloria ligulata (Tayloria lingulata)
Tayloria lingulata
Tayloria serrata
Tetraphis pellucida
Tetraplodon angustatus
Tetraplodon mnioides
Thuidium abietinum (Abietinella abietina)
Thuidium assimile (Thuidium delicatulum var. radicans)
Thuidium delicatulum var. radicans
Thuidium philibertii (Thuidium delicatulum var. radicans)
Thuidium recognitum
Timmia austriaca
Timmia bavarica (Timmia megapolitana ssp. bavarica)
Timmia megapolitana ssp. bavarica
Timmia megapolitana var. bavarica (Timmia megapolitana ssp. bavarica)
Tomentypnum falcifolium (Tomentypnum falcifolium)
Tomentypnum nitens (Tomentypnum nitens)
Tomentypnum falcifolium
Tomentypnum nitens
Tortella fragilis
Tortella tortuosa
Tortula acaulon
Tortula cernua
Tortula intermedia (Tortula ruralis)
Tortula modica
Tortula mucronifolia
Tortula nevadensis
Tortula obtusifolia

Species Name (For Synonyms, Accepted Name is in Brackets):

Tortula protobryoides
Tortula ruraliformis (Tortula ruralis)
Tortula ruralis
Tortula truncata
Trichodon cylindricus
Trichostomum cylindricum (Trichodon cylindricus)
Ulota crispa
Ulota curvifolia
Warnstorfia exannulata var. exannulata
Warnstorfia fluitans var. fluitans
Warnstorfia pseudostraminea
Warnstorfia tundrae (Sarmentypnum tundrae)
Weissia controversa
Weissia muehlenbergiana (Weissia muhlenbergiana)
Weissia muhlenbergiana
Weissia phascopsis
Weissia viridula (Weissia controversa)