

Index of Bryophytes 2005

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This Index and a cumulative Index for 2001–2005 are currently available as pdf files for personal or institutional use from the authors.

The authors would appreciate users' sending additions and corrections and copies of future publications, as reprints or pdf files, that contain new nomenclature for bryophytes. Please send these to the senior author.

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Sidre Presse, Rush Branch, Sugar Grove, North Carolina

In this index we attempt to list citations for names published for bryophytes during the period January 1, 2005 and December 31, 2005. All ranks are included. We also list some names that were overlooked in earlier indexes and some corrections to earlier indexes. A bibliography contains complete citations for the places of publication of the names.

Basionyms for new combinations and replaced names for new names are also listed, but these entries are not referenced in the bibliography.

The format for names published during the period is:

Name Author(s), date: page number.

The Bibliography provides the full citation for the article or book in which the Name appeared. By combining the information in the Name citation and the entry in the Bibliography, one can derive the full citation for the Name.

Entries may have an annotation immediately after the page number or a Note near the end of the entry.

The name of a *new taxon* published during the period takes the form:

Aneurales W. Frey & Stech, 2005b: 71.

Its article from the Bibliography:

Frey, W. & M. Stech. 2005b. A morpho-molecular classification of the liverworts (Hepaticophytina, Bryophyta). *Nova Hedwigia* 81: 55–78.

Its derived full citation:

Aneurales W. Frey & Stech, *Nova Hedwigia* 81: 71. 2005.

Taxonomic placement of new taxa is stated, when the publishing author indicated it.

A *new combination* published during the period takes the form:

Phymatoceros bulbiculosus (Brotero) Stotler, Doyle & Crandall-Stotler, 2005: 115 (Anthoceros, 1804).

Its article from the Bibliography:

Stotler, R. E., W. T. Doyle & B. J. Crandall-Stotler. 2005. *Phymatoceros* Stotler, W. T. Doyle & Crand.-Stotl., gen. nov. (Anthocerotophyta). *Phytologia* 87: 114–117.

Its derived full citation:

Phymatoceros bulbiculosus (Brotero) Stotler, Doyle & Crandall-Stotler, *Phytologia* 87: 115. 2005.

A *new name* published during the period takes the form:

Gemmabryum austrosabulosum Spence & H. P.

Ramsay, 2005: 65. Replaced: *Bryum sabulosum*

Catcheside ex Spence & H. P. Ramsay, 1996.

Its article from the Bibliography:

Spence, J. R. & H. P. Ramsay. 2005. New genera and combinations in the Bryaceae (Bryales, Musci) for Australia. *Phytologia* 87: 61–72.

Its derived full citation:

Gemmabryum austrosabulosum Spence & H. P. Ramsay, *Phytologia* 87: 65. 2005

A *name not included* in an earlier index takes the form:

Timmia sect. *Norvegicae* Brassard, 1979: 40, “*Norvegica*.”

Its article from the Bibliography:

Brassard, G. R. 1979. The moss genus *Timmia*. I.

Introduction, and revision of *T. norvegica* and allied taxa. *Lindbergia* 5: 39–53.

Its derived full citation:

Timmia sect. *Norvegicae* Brassard, *Lindbergia* 5: 40. 1979, “*Norvegica*.”

A *correction* of an entry in an earlier index takes the form:

**Solenostoma cryptogynum* R. M. Schuster, 2002b: 380. f. 355, invalid, no Latin description. Note: listed as valid in *Index of Bryophytes, 2001–2004*.

Its article from the Bibliography:

Schuster, R. M. 2002b. Austral Hepaticae. Part II. *Nova Hedwigia Beih.* 119: i–viii, 1–606.

Its derived full citation:

Solenostoma cryptogynum R. M. Schuster, *Nova Hedwigia Beih.* 119: 380. f. 355. 2002, nom. nud.

Basionyms for all new combinations published during the period are listed, with other uses, both for the period and earlier periods, cataloged by us of the basionym indicated, in alphabetical order, in parentheses. The Bibliography does not contain entries for the articles or books in which these basionyms appeared.

The format for these basionyms is:

Name Author(s), date (other use(s)).

A basionym:

Anthoceros bulbiculosus Brotero, 1804. (*Phaeoceros*, Proskauer, 1954; *Phymatoceros*, Stotler, Doyle & Crandall-Stotler, 2005).

Similarly, *replaced names* for all new names published during the period are listed, with all other uses cataloged by us of the new name listed, in alphabetical order, in parentheses. The Bibliography does not contain entries for the articles or books in which these replaced names appeared.

The format for these replaced names is:

Name Author(s), date (other use(s)).

A replaced name:

**Bryum sabulosum* Catcheside ex Spence & H. P. Ramsay, 1996, illegitimate, later homonym. (*Gemmabryum austrosabulosum*, Spence & H. P. Ramsay, 2005).

An asterisk, *, preceding an entry indicated that the name is contrary to the *Code*. An annotation indicates the problem:

**Corsiniales* Gao Chien, Cao Tong & Wu Yu-huan, 2005: 20, invalid, no description.

A dagger, †, preceding an entry indicates a name for a fossil:

†*Brachytheციites* Frahm, 2005b: 163.

Because the Bibliography is derived from a larger one used for other multi-year indexes, some entries dates may be needlessly lettered.

HEPATICIS

- Aneurales W. Frey & Stech, 2005b: 71.
- Anthoceros bulbiculosus* Brotero, 1804. (*Phaeoceros*, Proskauer, 1954; *Phymatoceros*, Stotler, Doyle & Crandall-Stotler, 2005).
- Asterella* sect. *Californicae* D. G. Long, 2005: 257.
- Bazzania sauropoda* D. Meagher, 2005b: 129.
- Bazzania wattiana* (Stephani) D. Meagher, 2005a: 8 (*Mastigobryum*, 1908).
- **Brachiolejeunea nathii* Ajit P. Singh, 2002: 191. pl. 58, “*natheii*,” not effectively published.
- **Calypogeia khasiana* Ajit P. Singh, 2002: 43. pl. 10, not effectively published.
- *Calyptriidae Gao Chien, Cao Tong & Wu Yu-huan, 2005: 20, invalid, no description.
- Cheilolejeunea streimannii* Pócs & Ninh, 2005: 162.
- Chiloscyphus aphelophyllus* Hässel de Menéndez, 2005: 123.
- Chiloscyphus apophyllus* Hässel de Menéndez, 2005: 126.
- Chiloscyphus gremmenii* Vána in Vána & N. Gremmen, 2005: 81.
- Chonecolea verae* Potemkin, 2005: 165.
- Cololejeunea vuquangensis* Pócs & Ninh, 2005: 156.
- Conocephalum salebrosum* Szwedkowski, Buczkowska & Odrzykoski, 2005: 146.
- *Corsiniales Gao Chien, Cao Tong & Wu Yu-huan, 2005: 20, invalid, no description.
- *Cyathodiales Gao Chien, Cao Tong & Wu Yu-huan, 2005: 21, invalid, no description.
- Diplasiolejeunea riclefgrollei* Schäfer-Verwimp, 2005: 37.
- **Drepanolejeunea mawtmiana* Ajit P. Singh, 2002: 209. pl. 66, not effectively published.
- Echinocolea herzogii* Mizutani & Grolle, 1964. (*Lejeunea reineriae*, Ilkiu-Borges, 2005).
- Frullania larjiana* S. K. Singh & D. K. Singh, 2005: 105. f. 1–31.
- **Frullania udarii* Ajit P. Singh, 2002: 172. pl. 54, not effectively published.
- Gongylanthus indicus* S. C. Srivastava & P. K. Verma, 2005: 201.
- Hygrolejeunea costaricensis* Stephani, 1914. (*Cryptogynolejeunea*, R. M. Schuster, 1994; *Lejeunea reflexistipula* var., E. Reiner, 2005).
- Hymenophytales (R. M. Schuster) W. Frey & Stech, 2005b: 65 (Hymenophytineae, 1984).
- Hymenophytineae R. M. Schuster, 1984. (Hymenophytales, W. Frey & Stech, 2005).
- **Invisocaulis* R. M. Schuster, 2002b: 362, invalid, no Latin description. Placement: Jungermanniaceae.
- **Invisocaulis laxifolius* R. M. Schuster, 2002b: 362. f. 349, invalid, genus invalid.
- Jensenia crassifrons* (Stephani) S. W. Schuette & Stotler, 2005: 300 (*Pallavicinia*, 1900).
- Jungermannia alpestris* var. *litoralis* H. Arnell in Husnot, 1901. (*Lophozia alpestris* var., Schiffner, 1905; *Lophozia wenzelii* var., Bakalin, 2004).
- **Jungermannia amakawana* Ajit P. Singh, 2002: 102. pl. 31, not effectively published.
- Jungermannia anomala* W. J. Hooker, 1813. (*Leiomylia*, J. J. Engel & Braggins, 2005; *Leioscyphus*, Stephani, 1905; *Myliia*, S. Gray, 1821).
- **Jungermannia erectii* Ajit P. Singh, 2002: 102. pl. 30, not effectively published.
- **Jungermannia mairangii* Ajit P. Singh, 2002: 106. pl. 32, not effectively published.
- Jungermannianae W. Frey & Stech, 2005b: 69.
- Kurzia* sect. *Moniliformes* J. J. Engel, 2005: 77.
- Kurzia moniliformis* J. J. Engel, 2005: 73.
- Leiocolea borealis* (Frisvoll & Moen) L. Söderström, 1981: 32 (*Lophozia*, 1980).
- Leiomylia* J. J. Engel & Braggins, 2005b: 671.
- Leiomylia anomala* (W. J. Hooker) J. J. Engel & Braggins, 2005b: 671 (*Jungermannia*, 1813).
- *Leiomylioideae J. J. Engel & Braggins, 2005b: 665, invalid, no description. Placement: Jungermanniaceae.
- Leiosporocerotopsida W. Frey & Stech, 2005a: 542.
- Lejeunea meridensis* Ilkiu-Borges, 2005: 59. f. 7.
- Lejeunea pulverulenta* (Gottsche ex Stephani) E. Reiner, 2005a: 60 (*Taxilejeunea*, 1913).
- Lejeunea reflexistipula* var. *costaricensis* (Stephani) E. Reiner, 2005b: 408 (*Hygrolejeunea*, 1914).
- Lejeunea reineriae* Ilkiu-Borges, 2005: 61. Replaced: *Echinocolea herzogii* Mizutani & Grolle, 1964. Blocking: *Lejeunea herzogii* Mizutani, 1967.
- Lopholejeunea grollei* Zhu Rui-liang & Gradstein, 2005: 36. f. 13.
- **Lopholejeunea nongstoinii* Ajit P. Singh, 2002: 203. pl. 63, not effectively published.
- Lopholejeunea pocsii* Gyarmati, 2005: 404.
- Lopholejeunea soae* Zhu Rui-liang & Gradstein, 2005: 69. f. 2d, 4a, 27.
- Lophozia* sect. *Saviciarum* Bakalin, 2004: 238, “*Saviciae*.”
- Lophozia borealis* Frisvoll & Moen, 1980. (*Leiocolea*, L. Söderström, 1981).
- Lophozia excisa* var. *gemmicumulata* Bakalin, 2005: p. 99.
- Lophozia longidens* subsp. *arctica* R. M. Schuster, 1969. (*Lophozia longidens* var., Schljakov, 1980; *Lophozia pellucida* fo., Bakalin, 2005).
- Lophozia pellucida* fo. *arctica* (R. M. Schuster) Bakalin, 2005: 112 (*Lophozia longidens* subsp., 1969). Placement: *L. p.* var. *rubrigemma*.
- Lophozia wenzelii* var. *litoralis* (H. Arnell in Husnot) Bakalin, 2004: 233 (*Jungermannia alpestris* var., 1901). Note: redundant in Bakalin, Monogr. Obrab. Roda *Lophozia* 154. 2005.
- Lophozia wenzelii* var. *massularioides* Bakalin, 2004: 233. f. 1. Note: redundant in Bakalin, Obrab. Roda *Lophozia* 154. 2005.
- Mannia hegewaldii* Bischler in Bischler et al., 2005: 184.
- Mastigobryum wattianum* Stephani, 1908. (*Bazzania*, D. Meagher, 2005).
- Megalembidioideae J. J. Engel in J. J. Engel & Braggins, 2005a: 88. Placement: Lepdioziaceae.
- Noterocladaceae (R. M. Schuster) W. Frey & Stech, 2005b: 67 (Noterocladoideae, 1991).

- Noterocladoideae R. M. Schuster, 1991.
(Noterocladaceae, W. Frey & Stech, 2005).
- Otolejeunea subana* Pócs, 2004: 50. f. 1–20.
- Pachyglossa grolleana* Vána in Vána & N. Gremmen, 2005: 86.
- Pallavicinia crassifrons* Stephani, 1900. (*Jensenia*, S. W. Schuette & Stotler, 2005; *Makednothallus*, R. M. Schuster, 1963).
- Pallaviciniales (R. M. Schuster) W. Frey & Stech, 2005b: 64 (Pallaviciniineae, 1984). Note: invalid, no description, in Gao Chien, Cao Tong & Wu Yu-huan, Int. Bryol. Symp. Chen's Cent. 20. 2005.
- Pallaviciniineae R. M. Schuster, 1984. (Pallaviciniales, W. Frey & Stech, 2005).
- Pallaviciniopsida W. Frey & Stech, 2005b: 63.
- Pelliineae R. M. Schuster ex Schljakov, 1972.
- Pelliopsida W. Frey & Stech, 2005b: 66.
- Phymatoceros* Stotler, Doyle & Crandall-Stotler, 2005: 114. Placement: Anthocerotophyta.
- Phymatoceros bulbiculosus* (Brotero) Stotler, Doyle & Crandall-Stotler, 2005: 115 (*Anthoceros*, 1804).
- Pictolejeunea levis* Grolle & E. Reiner, 2005: 283.
- Plagiochila* sect. *Africanae* J. Heinrichs in J. Heinrichs et al., 2005: 319.
- Pleuroziidae W. Frey & Stech, 2005b: 70.
- Porella saccata* So, 2005a: 302.
- Porellanae W. Frey & Stech, 2005b: 69.
- Prionolejeunea grollei* Ilkiu-Borges & Schäfer-Verwimp, 2005: 29.
- Radula cordiloba* subsp. *erigens* M. Renner & Braggins in M. Renner, 2005: 45.
- Radula curvilobula* So, 2005b: 176.
- Radula hawaiiica* So, 2005b: 177.
- Radula mauiensis* So, 2005b: 178.
- Radula stellatogemmipara* Gao Chien & Wu Yu-huan, 2005: 239. f. 1.
- Riccia mamrensis* Perold, 2005: 68.
- **Scapania valdonsmithii* R. M. Schuster, 2002b: 484, invalid, no description.
- **Solenostoma cryptogynum* R. M. Schuster, 2002b: 380. f. 355, invalid, no Latin description. Note: listed as valid in *Index of Bryophytes, 2001–2004*.
- **Sphenolobus langkyrdumii* Ajit P. Singh, 2002: 82. pl. 21, not effectively published.
- Szygiella riclefii* Pócs, 2005: 42. f. 1–20. Placement: sect. *Integerrimae*.
- Taxilejeunea pulverulenta* Gottsche ex Stephani, 1913. (*Lejeunea*, E. Reiner, 2005).
- **Trocholejeunea meghalayensis* Ajit P. Singh, 2002: 193. pl. 59, not effectively published.
- MOSESSES**
- Amphidium gangulii* M. C. Nair, K. P. Rajesh & Madhusoodanan, 2005: h–l [page 218].
- Anacamptodon kamchaticus* Czernyadjeva, 2004: 5. f. 1.
- Astomum borbonicum* Bizot & Onraedt ex Onraedt, 1976. Note: invalid, holotype not cited, in Rev. Bryol. Lichénol. 40: 116. 1974. (*Weissia*, Arts, 2005).
- **Barbula gaochienii* Tsegmed, 2004: 199, invalid, basionym not cited.
- **Barbula hedysarififormis* Tsegmed, 2004: 199, invalid, basionym not cited.
- Brachymenium* sect. *Leptostomopsis* (C. Müller) C. Müller ex Brotherus in Engler & Prantl, 1903. (*Leptostomopsis*, Spence & H. P. Ramsay, 2005).
- Brachymenium acuminatum* Harvey in W. J. Hooker, 1836. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Brachymenium kikuyuense* Brotherus & Thériot, 1924. (*Bryum*, N. Pedersen in N. Pedersen & Hedenäs, 2005).
- Brachytheciastrum bellicum* (W. R. Buck et al.) Vanderpoorten et al., 2005: 373 (*Brachythecium*, 2001).
- Brachytheciastrum olympicum* (Juratzka in Unger & Kotschy) Juratzka in Unger et al., 2005: 374 (*Brachythecium*, 1865).
- †*Brachytheciites* Frahm, 2005b: 163.
- †*Brachytheciites veltenii* Frahm, 2005b: 163.
- Brachythecium bellicum* W. R. Buck et al., 2001. (*Brachytheciastrum*, Vanderpoorten et al., 2005).
- Brachythecium olympicum* Juratzka in Unger & Kotschy, 1865. (*Brachytheciastrum*, Vanderpoorten et al., 2005; *Brachythecium velutinum* subsp., Amann, 1918).
- **Breutelia sclerodictya* Cardot & Potier de la Varde, 1923: 24. f. 16, illegitimate, later homonym. Earlier *Breutelia sclerodictya* Cardot in Grandidier, 1915.
- Bryum alpinum* Hudson ex Withering, 1801. (*Hypnum*, Weber & D. Mohr, 1803; *Imbribryum*, N. Pedersen, 2005; *Mnium*, Palisot de Beauvois, 1805).
- Bryum altisetum* C. Müller, 1898. (*Ptychostomum*, Spence & H. P. Ramsay, 2005).
- Bryum angustifolium* Bridel, 1817, “*angustifolium*.” (*Bryum caespiticium* var., Hampe, 1839; *Ptychostomum*, Spence & H. P. Ramsay in Spence, 2005).
- Bryum apiculatum* Schwaegrichen, 1816. (*Bryum*, Schwaegrichen, 1816; *Gemmabryum*, Spence & H. P. Ramsay, 2005; *Pohlia*, H. Crum & L. E. Anderson, 1981).
- Bryum archangelicum* Bruch & W. P. Schimper in B.S.G., 1846. (*Bryum inclinatum* var., Podpera, 1954; *Bryum pendulum* subsp., Lindberg, 1879; *Ptychostomum*, Spence, 2005).
- Bryum australe* Hampe, 1844. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum blandum* J. D. Hooker & Wilson, 1844. (*Imbribryum*, N. Pedersen, 2005; *Ochiobryum*, Spence & H. P. Ramsay, 2005).
- Bryum caespiticium* var. *badium* Bruch ex Bridel, 1827. (*Bryum caespiticium* subsp., Lindberg, 1879; *Bryum*, W. P. Schimper, 1876; *Ptychostomum*, Spence, 2005).
- Bryum calophyllum* R. Brown, 1823. (*Cladodium*, Bridel, 1826; *Pohlia*, Schwaegrichen, 1830; *Ptychostomum*, Spence, 2005).
- Bryum capillare* Hedwig, 1801. (*Hypnum*, Weber & D. Mohr, 1803; *Mnium*, Withering, 1801; *Plagiobryum*,

- N. Pedersen in N. Pedersen & Hedenäs, 2005; *Rosulabryum*, Spence, 1996).
- Bryum cheelii* Brotherus, 1916. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum chrysoneuron* C. Müller, 1851. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum coronatum* Schwaegrichen, 1816. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum crassum* J. D. Hooker & Wilson, 1854. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum creberrimum* Taylor, 1846. (*Ptychostomum*, Spence & H. P. Ramsay in Spence, 2005).
- Bryum cryophilum* Mårtensson, 1956. (*Ptychostomum*, Spence, 2005).
- Bryum curvatum* Kaurin & H. Arnell, 1897. (*Bryum arcticum* subsp., Amann, 1918; *Bryum hagenii* subsp., Kindberg, 1897; *Bryum inclinatum* var., Podpera, 1954; *Ptychostomum*, Spence, 2005).
- Bryum cylindrothecium* R. Brown ter, 1899. (*Ptychostomum*, Spence & H. P. Ramsay, 2005).
- Bryum dichotomum* Hedwig, 1801. (*Gemmabryum*, Spence & H. P. Ramsay, 2005; *Mnium*, Palisot de Beauvois, 1805).
- Bryum donianum* Greville, 1827. (*Plagiobryum*, N. Pedersen in N. Pedersen & Hedenäs, 2005; *Rosulabryum*, Ochyra in Ochyra, Zarnowiec & Bednarek-Ochyra, 2003).
- Bryum eremaeum* Catcheside ex Spence & H. P. Ramsay, 1996. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum exile* Dozy & Molkenboer, 1844. (*Brachymenium*, Bosch & Sande Lacoste, 1860; *Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum handelii* Brotherus, 1929. (*Bryum blandum* subsp., Ochi, 1968; *Ochiobryum*, Spence & H. P. Ramsay, 2005).
- Bryum inaequale* Taylor, 1846. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum incrassatolimbatum* Cardot, 1909. (*Plagiobryoides*, Spence, 2005).
- Bryum indicum* Dozy & Molkenboer, 1845. (*Brachymenium*, Bosch & Sande Lacoste, 1860; *Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum kikuyuense* (Brotherus & Thériot) N. Pedersen in N. Pedersen & Hedenäs, 2005: 127 (*Brachymenium*, 1924). Note: includes *Brachymenium philonotula* Broth., 1894, as a synonym; the use of this epithet is blocked by *Bryum philontula* C. Müll., 1899.
- Bryum klinggraeffii* W. P. Schimper in Klinggräff, 1858. (*Bryum radiculosum* subsp., Margadant & Doring, 1982; *Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum knowltonii* Barnes, 1889. (*Ptychostomum*, Spence, 2005).
- Bryum laevigatum* J. D. Hooker & Wilson, 1844. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum lisae* De Notaris, 1865. (*Bryum cirrhatum* subsp., Podpera, 1954; *Bryum pallens* subsp., Amann, 1893; *Plagiobryum*, N. Pedersen in N. Pedersen & Hedenäs, 2005).
- Bryum lonchocaulon* C. Müller, 1875. (*Bryum bimum* var., Podpera, 1973; *Ptychostomum*, Spence, 2005).
- Bryum longisetum* Blandow ex Schwaegrichen, 1816. (*Bryum inclinatum* var., Fiedler, 1844; *Pohlia*, Hübener, 1833; *Ptychostomum*, Spence, 2005).
- Bryum marratii* Wilson, 1855. (*Ptychostomum*, Spence, 2005).
- Bryum meesioides* Kindberg in Macoun, 1889. (*Bryum pallens* fo., Podpera, 1973; *Bryum pallens* var., Brotherus, 1923; *Plagiobryum*, N. Pedersen in N. Pedersen & Hedenäs, 2005; *Ptychostomum*, Spence, 2005).
- Bryum muehlenbeckii* Bruch & W. P. Schimper in B.S.G., 1846. (*Imbribryum*, N. Pedersen, 2005).
- Bryum neodamense* Itzigsohn in C. Müller, 1848. (*Bryum pseudotriquetrum* subsp., Amann, 1893; *Bryum pseudotriquetrum* var., Buse, 1870; *Ptychostomum*, Spence, 2005).
- Bryum orthothecium* Cardot & Brotherus, 1923. (*Plagiobryum*, N. Pedersen in N. Pedersen & Hedenäs, 2005).
- Bryum pachythea* C. Müller, 1848. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum pallens* Swartz, 1801. (*Bryum intermedium* var., C. J. Hartman, 1838; *Hypnum*, Weber & D. Mohr, 1803; *Mnium*, Palisot de Beauvois, 1805; *Plagiobryum*, N. Pedersen in N. Pedersen & Hedenäs, 2005; *Pohlia*, Bridel, 1803; *Ptychostomum*, Spence, 2005).
- Bryum pallescens* Schleicher ex Schwaegrichen, 1816. (*Bryum pseudotriquetrum* subsp., Dixon, 1924; *Plagiobryum*, N. Pedersen in N. Pedersen & Hedenäs, 2005; *Ptychostomum*, Spence, 2005).
- Bryum preissianum* Hampe, 1844. (*Brachymenium*, Jaeger, 1875; *Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum radiculosum* Bridel, 1817. (*Bryum atrovirens* var., Wijk & Margadant, 1959; *Bryum erythrocarpum* var., Bruch & W. P. Schimper, 1839; *Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum reedii* H. Robinson, 1966. (*Ptychostomum*, Spence, 2005).
- Bryum rubens* Mitten, 1856. (*Bryum erythrocarpum* subsp., Dixon, 1896; *Bryum erythrocarpum* var., Podpera, 1923; *Bryum murale* subsp., Amann, 1918; *Bryum radiculosum* var., Margadant & Doring, 1982; *Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum rutilans* Bridel, 1826. (*Ptychostomum*, Spence, 2005; *Webera*, W. P. Schimper ex Paris, 1898).
- **Bryum sabulosum* Catcheside ex Spence & H. P. Ramsay, 1996, illegitimate, later homonym. (*Gemmabryum austrosabulosum*, Spence & H. P. Ramsay, 2005).
- Bryum salinum* I. Hagen ex Limpricht, 1892. (*Bryum inclinatum* var., Podpera, 1954; *Ptychostomum*, Spence, 2005).
- Bryum sauteri* Bruch & W. P. Schimper in B.S.G., 1846. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
- Bryum schleicheri* Schwaegrichen, 1816. (*Bryum turbinatum* subsp., Kindberg, 1883; *Bryum*

- turbinatum* var., Fürnrohr, 1829; *Mnium*, Bridel, 1817; *Ptychostomum*, Spence, 2005).
- Bryum subapiculatum* Hampe, 1872. (*Gemmabryum*, Spence & H. P. Ramsay, 2005).
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