

*Literature Cited*

Robert W. Kiger, Editor

This is a consolidated list of all works cited in volume 27, whether as selected references, in text, or in nomenclatural contexts. In citations of articles, both here and in the taxonomic treatments, and also in nomenclatural citations, the titles of serials are rendered in the forms recommended in G. D. R. Bridson and E. R. Smith (1991). When those forms are abbreviated, as most are, cross references to the corresponding full serial titles are interpolated here alphabetically by abbreviated form. In nomenclatural citations (only), book titles are rendered in the abbreviated forms recommended in F. A. Stafleu and R. S. Cowan (1976–1988) and Stafleu and E. A. Mennega (1992+). Here, those abbreviated forms are indicated parenthetically following the full citations of the corresponding works, and cross references to the full citations are interpolated in the list alphabetically by abbreviated form. Two or more works published in the same year by the same author or group of coauthors are distinguished uniquely and consistently throughout all volumes of *Flora of North America* by lower-case letters (b, c, d, ...) suffixed to the date for the second and subsequent works in the set. The suffixes are assigned in order of editorial encounter and do not reflect chronological sequence of publication. The first work by any particular author or group from any given year carries the implicit date suffix “a”; thus, the sequence of explicit suffixes begins with “b”. Works missing from any suffixed sequence here are ones cited elsewhere in the *Flora* that are not pertinent in this volume.

- |  |   |
|--|---|
| 23rd Symposium on Chemistry of Natural Products. 1980.<br>Papers. Tokyo.   | Acta Forest. Fenn. = Acta Forestalia Fennica.   |
| 25th Symposium on Chemistry of Natural Products. 1982.<br>Papers. Tokyo.   | Acta Oecol. = Acta Oecologia; International Journal of<br>Ecology.  |
| Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. =<br>Abhandlungen der Mathematisch-physikalischen Classe<br>der Königlich bayerischen Akademie der Wissenschaften. | Acta Phytogeogr. Suec. = Acta Phytogeographica Suecica.   |
| Acta Bot. Croat. = Acta Botanica Croatica.   | Acta Phytotax. Sin. = Acta Phytotaxonomica Sinica. [Chih<br>Wu Fen Lei Hsüeh Pao.]  |
| Acta Bot. Fenn. = Acta Botanica Fennica.   | Acta Soc. Fauna Fl. Fenn. = Acta Societatis pro Fauna et<br>Flora Fennica.  |
| Acta Bot. Neerl. = Acta Botanica Neerlandica.  | Acta Soc. Sci. Fenn. = Acta Societatis Scientiarum Fennicae.  |
| Acta Bot. Yunnan. = Acta Botanica Yunnanica. [Yunnan<br>Zhiwu Yanjiu.]   | Acta Univ. Lund. = Acta Universitatis Lundensis. Nova Series.<br>Sectio 2, Medica, Mathematica, Scientiae Rerum<br>Naturalium. [Lunds Universitets Årsskrift N.F., Avd. 2.] |
| Acta Entomol. Sin. = Acta Entomologica Sinica. [Kun Chong<br>Xue Bao.]   | Actes Soc. Linn. Bordeaux = Actes de la Société Linnéenne de<br>Bordeaux.   |

- Adamek, W. 1976. Introductory report on oncogenic and therapeutic nature of the peat preparation in human neoplastic disease. In: International Peat Congress. 1976. Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw. Vol. 1, pp. 417–429.
- Adams, J. E., W. M. Dion, and S. Reilly. 1982. Sporotrichosis due to contact with contaminated *Sphagnum* moss. J. Canad. Med. Assoc. 126: 1071–1073.
- Adderley, L. 1964. Two species of moss as culture media for orchids. Amer. Orchid Soc. Bull. 34: 967–968.
- Adnot. Bot.—See: O. P. Swartz 1829
- Advances Bryol. = Advances in Bryology.
- Advances Cladist. = Advances in Cladistics.
- Afonina, O. M. and E. N. Andrejeva. 1993. De sporogoniis *Lyellia aspera* (Hag. et C. Jens.) Frye. Novosti Sist. Nizsh. Rast. 29: 132–138.
- Agric. Res. (Washington, DC) = Agricultural Research.
- Alberta Social Serv. Community Health Newslett. = Alberta Social Services & Community Health Newsletter.
- Al-Hasan, R. H., W. E. El-Saadawi, A. M. Ali, and S. S. Radwan. 1989. Arachidonic and eicosapentaenoic acids in lipids of *Bryum bicolor* Dicks. Effects of controlled temperature and illumination. Bryologist 92: 178–182.
- Allen, B. H. 1980. Peristome variations in the genus *Fissidens*: An SEM study. Bryologist 83: 313–327.
- Allen, B. H. 1994. Moss flora of Central America. Part 1. Sphagnaceae–Calymperaceae. Monogr. Syst. Bot. Missouri Bot. Gard. 49.
- Allen, B. H. 1994b. The Grimmiaceae (Musci) in Maine. III. *Racomitrium*. Evansia 11: 41–54.
- Allen, B. H. 1995. Eight neglected species of Grimmiaceae (Musci) from North America. Fragm. Florist. Geobot. 40: 159–166.
- Allen, B. H. 1998. The genus *Arctoa* (Musci: Dicranaceae) in Maine. Evansia 15: 131–137.
- Allen, B. H. 1998b. The genus *Orthodicranum* (Musci: Dicranaceae) in Maine. Evansia 15: 9–20.
- Allen, B. H. 1998c. The genus *Dicranum* (Musci: Dicranaceae) in Maine. Evansia 15: 45–80.
- Allen, B. H. 1999. The genus *Paraleucobryum* (Musci: Dicranaceae) in Maine. Evansia 16: 174–178.
- Allen, B. H. 2000. The genus *Oncophorus* (Musci: Dicranaceae) in Maine. Evansia 17: 1–5.
- Allen, B. H. 2002. Moss flora of Central America. Part 2. Encalyptaceae–Orthotrichaceae. Monogr. Syst. Bot. Missouri Bot. Gard. 90.
- Allen, B. H. 2005. Maine mosses. Sphagnaceae–Timmiaceae. Mem. New York Bot. Gard. 93.
- Allen, B. H., R. A. Pursell, and C. Darigo. 2004. *Fissidens exilis* and a key to the species of *Fissidens* in Missouri. Evansia 21: 111–115.
- Allg. Bot. Z. Syst. = Allgemeine Botanische Zeitschrift für Systematik, Floristik, Pflanzengeographie etc.
- Allorge, P. 1937. Analyse bryologique de métaux. Rev. Bryol. Lichénol. 10: 93.
- Allred, K. W. 1998. Second collection of a little moss, *Fissidens littlei* (Williams) Grout, from a little sinkhole in New Mexico after 63 years. Evansia 15: 148–149.
- Amann, J., C. Meylan, and P. F. Culmann. 1918. Flore des Mousses de la Suisse.... 2 parts. Lausanne. [Parts pagged independently.] (Fl. Mouss. Suisse)
- Ambio = Ambio; Journal of the Human Environment, Research and Management.
- Amer. J. Bot. = American Journal of Botany.
- Amer. Midl. Naturalist = American Midland Naturalist; Devoted to Natural History, Primarily That of the Prairie States.
- Amer. Nurseryman = American Nurseryman.
- Amer. Orchid Soc. Bull. = American Orchid Society Bulletin.
- Anales Jard. Bot. Madrid = Anales del Jardín Botánico de Madrid.
- Anderson, L. E. 1980. Cytology and reproductive biology of mosses. In: R. J. Taylor and A. E. Leviton, eds. 1980. The Mosses of North America: An Inquiry into the Biology of Mosses Based on a Symposium.... San Francisco. Pp. 37–76.
- Anderson, L. E. and V. S. Bryan. 1956. A cytotaxonomic investigation of *Fissidens cristatus* Wils. and *F. adiantoides* Hedw. in North America. Rev. Bryol. Lichénol. 25: 254–267.
- Anderson, L. E. and V. S. Bryan. 1958. Systematics of the autoicous species of *Ditrichum* subg. *Ditrichum*. Brittonia 10: 121–137.
- Anderson, L. E., H. A. Crum, and W. R. Buck. 1990. List of mosses of North America north of Mexico. Bryologist 93: 448–499.
- Anderson, L. E. and B. E. Lemmon. 1972. Cytological studies of natural intergeneric hybrids and their parental species in the moss genera *Astomum* and *Weissia*. Ann. Missouri Bot. Gard. 59: 382–416.
- Ando, H. 1957. Notes on useful bryophytes. Bull. Biol. Soc. Hiroshima Univ. 7(2): 23–26.
- Ando, H. 1972. Uses of bryophytes seen in Europe. Proc. Bryol. Soc. Japan 1: 25.
- Ando, H. 1983. Use of bryophytes in China 2. Mosses indispensable to the production of Chinese galls. Proc. Bryol. Soc. Japan 3: 124–125.
- Ando, H. and A. Matsuo. 1984. Applied bryology. Advances Bryol. 2: 133–224.
- Andrews, A. L. 1915. *Aschisma kansanum*, a new species, with remarks upon the genus. Torreya 15: 63–67.
- Andrews, A. L. 1920. *Hymenostomum* in North America. I. Delimitation of the genus. Bryologist 23: 28–31.
- Andrews, A. L. 1922. *Hymenostomum* in North America. II. The case of *Astomum sullivantii*. Bryologist 25: 66–71.
- Andrews, A. L. 1922b. The status of *Gyroweisia* in North America. Bryologist 25: 97–100.
- Andrews, A. L. 1924. *Hymenostomum* in North America. III. *Astomum ludovicianum*. Bryologist 27: 1–3.
- Andrews, A. L. 1933. *Hymenostomum* in North America. V. *Weissia* [sic] *viridula*. Bryologist 36: 28–31.
- Andrews, A. L. 1958. Notes on American *Sphagnum*. X. Review. Bryologist 61: 269–276.
- Andrews, A. L. 1959. Notes on North American *Sphagnum*. *Sphagnum subsecundum*. Bryologist 62: 87–96.
- Andrews, S. and P. L. Redfearn Jr. 1965. Observations on the germination of the gemmae of *Hyophila tortula* (Schwaegr.) Hampe. Bryologist 68: 345–347.

- Andrus, R. E. 1979. *Sphagnum subtile* (Russow) Warnst. and allied species in North America. *Syst. Bot.* 4: 351–362.
- Andrus, R. E. 1980. Sphagnaceae (peat moss family) of New York State. *Bull. New York State Mus. Sci. Serv.* 442.
- Andrus, R. E. 1987. Nomenclatural changes in *Sphagnum imbricatum* sensu lato. *Bryologist* 90: 217–220.
- Anleit. Kenntn. Gew.—See: K. Sprengel 1802–1804
- Ann. Bot. Fenn. = *Annales Botanici Fennici*.
- Ann. Bot. (Genoa) = *Annali di Botanica*. (Genoa.)
- Ann. Bot. (König & Sims) = *Annals of Botany*. [Edited by König & Sims.]
- Ann. Bot. (Oxford) = *Annals of Botany*. (Oxford.)
- Ann. Bryol. = *Annales Bryologici*; a Yearbook Devoted to the Study of Mosses and Hepatics.
- Ann. K. K. Naturhist. Hofmus. = *Annalen des Kaiserlich-Königlichen Naturhistorischen Hofmuseums*, Wien.
- Ann. Mag. Nat. Hist. = *Annals and Magazine of Natural History, Including Zoology, Botany, and Geology*.
- Ann. Missouri Bot. Gard. = *Annals of the Missouri Botanical Garden*.
- Ann. Sci. Nat., Bot. = *Annales des Sciences Naturelles. Botanique*.
- Ann. Scott. Nat. Hist. = *The Annals of Scottish Natural History; a Quarterly Magazine with Which is Incorporated The Scottish Naturalist*.
- Ann. Wetterauischen Ges. Gesammte Naturk. = *Annalen der Wetterauischen Gesellschaft für die gesammte Naturkunde*.
- Annual Rev. Pl. Physiol. = *Annual Review of Plant Physiology*.
- Aquatic Bot. = *Aquatic Botany; International Scientific Journal Dealing with Applied and Fundamental Research on Submerged, Floating and Emergent Plants in Marine and Freshwater Ecosystems*.
- Arch. Bot. (Leipzig) = *Archiv für die Botanik*. (Leipzig.)
- Arch. Dermatol. = *Archives of Dermatology*.
- Arch. Hydrobiol. = *Archiv für Hydrobiologie*.
- Arch. Naturk. Liv- Ehst- Kurlands, Ser. 2, Biol. Naturk. = *Archiv für die Naturkunde Liv-, Ehst- und Kurlands. Serie 2, biologische Naturkunde*.
- Arch. Syst. Naturgesch. = *Archiv für die systematische Naturgeschichte*.
- Arctic = *Arctic; Journal of the Arctic Institute of North America*.
- Arctic Alpine Res. = *Arctic and Alpine Research*.
- Arctic Monitoring and Assessment Programme. 1998. AMAP Assessment. 1998. *Persistent Organic Pollutants*. Oslo.
- Arctoa = *Arctoa; a Journal of Bryology*. *Briologiceskij Zurnal*.
- Ark. Bot. = *Arkiv för Botanik Utgivet av K. Svenska Vetenskapsakademien*.
- Arnold, F. 1891–1901. *Zur Lichenflora von München*. 6 parts. Munich. [Parts paged independently.]
- Arts, T. 1990. Moniliform rhizoidal tubers in *Archidium alternifolium* (Hedw.) Schimp. *Lindbergia* 16: 59–61.
- Arts, T. 1996. The genus *Splachnobryum* in Africa, with new combinations in *Bryum* and *Gymnostomiella*. *J. Bryol.* 19: 65–77.
- Arts, T. and J.-P. Frahm. 1990. *Campylopus pyriformis* new to North America. *Bryologist* 93: 290–294.
- Arts, T. and S. Risse. 1988. The occurrence of rhizoidal tubers in *Pleuridium acuminatum*. *Lindbergia* 14: 127–130.
- Arzeni, C. B. 1963. *Octoblepharum* as a seedling medium. *Econ. Bot.* 17: 10–15.
- Asakawa, Y. 1981. Biologically active substances obtained from bryophytes. *J. Hattori Bot. Lab.* 50: 123–142.
- Asakawa, Y. 1982. Chemical constituents of the Hepaticae. *Fortschr. Chem. Organischer Naturst.* 42: 1–285.
- Asakawa, Y. 1982b. Terpenoids and aromatic compounds as chemosystematic indicators in Hepaticae and Anthocerotae. *J. Hattori Bot. Lab.* 53: 283–293.
- Asakawa, Y. 1988. Separation and isolation of terpenoids from liverworts and their analysis by thin layer and gas chromatography. In: J. M. Glime, ed. 1988. *Methods in Bryology*. Nichinan. Pp. 157–163.
- Asakawa, Y. 1990. Terpenoids and aromatic compounds with pharmacological activity from bryophytes. In: H. D. Zinsmeister and R. Mues, eds. 1990. *Bryophytes, Their Chemistry and Chemical Taxonomy*. Oxford and New York. Pp. 369–410.
- Asakawa, Y. 2001. Recent advances in phytochemistry of bryophytes—Acetogenins, terpenoids and bis(bibenzyl)s from selected Japanese, Taiwanese, New Zealand, Argentinean and European liverworts. *Phytochemistry* 56: 297–312.
- Asakawa, Y. et al. 1979. Mono- and sesquiterpenes from *Porella arboris-vitae*. *J. Hattori Bot. Lab.* 46: 163–167.
- Asakawa, Y. et al. 1980. Biologically active substances isolated from liverworts. *Pl. Med. (Stuttgart)* 39: 233.
- Asakawa, Y. et al. 1980b. Insect antifeedant secoaromadendrane-type sesquiterpenes from *Plagiochila* species. *Phytochemistry* 19: 2147–2154.
- Asakawa, Y. and E. O. Campbell. 1982. Terpenoids and bibenzyls from some New Zealand liverworts. *Phytochemistry* 21: 2663–2667.
- Asakawa, Y., M. Toyota, Z. Taira, and T. Takemoto. 1982. Biologically active cyclic bisbenzyls and terpenoids isolated from liverworts. In: 25th Symposium on Chemistry of Natural Products. 1982. *Papers*. Tokyo. Pp. 337–344.
- Aschisma = *Aschisma; a Newsletter for Bryology in Kansas and the Great Plains*.
- Asian J. Pl. Sci. = *Asian Journal of Plant Sciences*.
- Asplund, D., E. Ekman, and R. Thun. 1976. Counter-current peat filtration of waste water. In: *International Peat Congress. 1976. Proceedings of the 5th International Peat Congress*, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw. Vol. 1, pp. 358–371.
- Atkinson, T. 1990. Even a rolling stone could get some moss here. *Horticulture (Boston)*, n. s. 68(7): 7.
- Atti Ist. Bot. Lab. Crittog. Univ. Pavia = *Atti dell'Istituto Botanico e del Laboratorio Crittogamico dell'Università di Pavia*.
- Atti Reale Univ. Genova = *Atti della R[eale]. Università di Genova*.
- Austin, C. F. 1870. *Musci Appalachiani: Tickets of Specimens of Mosses Collected Mostly in the Eastern Part of North America*. Closter, N.J. (Musci Appalach.)
- Bahama Fl.—See: N. L. Britton and C. F. Millspaugh 1920
- Banerjee, R. D. 1974. *Studies on Antibiotic Activity of Bryophytes and Pteridophytes*. Ph.D. thesis. University of Kalyani.

- Banerjee, R. D. and S. P. Sen. 1979. Antibiotic activity of bryophytes. *Bryologist* 82: 141–153.
- Bangladesh J. Bot. = Bangladesh Journal of Botany.
- Barkman, J. J. 1958. Phytosociology and Ecology of Cryptogamic Epiphytes. Assen.
- Barkman, J. J. 1969. The influence of air pollution on bryophytes and lichens. In: European Congress on the Influence of Air Pollution.... 1969. Air Pollution: Proceedings of the First European Congress on the Influence of Air Pollution on Plants and Animals. Wageningen. Pp. 197–209.
- Barnes, C. 1958. The genus *Paraleucobryum*. *Bryologist* 61: 335–339.
- Bartlett, J. K. and D. H. Vitt. 1986. A survey of species in the genus *Blindia* (Bryopsida, Seligeriaceae). *New Zealand J. Bot.* 24: 203–246.
- Bartram, E. B. 1926. Notes on the genus *Husnotiella* Cardot. *Bryologist* 29: 44–46.
- Bartram, E. B. 1928. Studies in *Funaria* from southwestern United States. *Bryologist* 31: 89–96.
- Bartram, E. B. 1949. Mosses of Guatemala. *Fieldiana, Bot.* 25.
- Bates, J. W., N. W. Ashton, and J. G. Duckett. 1998. *Bryology for the Twenty-first Century*. Leeds.
- Beckett, P. J., L. J. R. Boileau, D. Padovan, and D. H. S. Richardson. 1982. Lichens and mosses as monitors of industrial activity associated with uranium mining in northern Ontario, Canada—Part 2: Distance-dependent uranium and lead accumulation patterns. *Environm. Pollut., B* 4: 91–107.
- Bednarek-Ochyra, H. 1995. The genus *Racomitrium* (Musci, Grimmiaceae) in Poland: Taxonomy, ecology and phytogeography. *Fragm. Florist. Geobot., Ser. Polon.* 2: 1–307.
- Bednarek-Ochyra, H. 2006. A Taxonomic Monograph of the Moss Genus *Codriophorus* P. Beauv. (Grimmiaceae). Cracow.
- Bednarek-Ochyra, H., D. Lamy, and R. Ochyra. 2001. A note on the moss genus *Codriophorus* P. Beauv. *Cryptog. Bryol. Lichénol.* 22: 105–111.
- Beever, J. E. and J. E. Gresson. 1995. *Polytrichum commune* Hedw. and *Polytrichadelphus magellanicus* (Hedw.) Mitt. used as decorative material on New Zealand Maori cloaks. *J. Bryol.* 18: 819–823.
- Beih. Bot. Centralbl. = Beihefte zum Botanischen Centralblatt. Original Arbeiten.
- Beih. Nova Hedwigia = Beihefte zur Nova Hedwigia.
- Beitr. Naturk.—See: F. Weber and D. M. H. Mohr 1805–1810
- Beitr. Torfm.—See: E. Russow 1865
- Belcik, F. P. and N. Wiegner. 1980. Antimicrobial activities or antibiosis of certain eastern U.S. liverwort, lichen and moss extracts. *J. Elisha Mitchell Sci. Soc.* 96: 94.
- Belkin, M., D. B. Fitzgerald, and M. D. Felix. 1952. Tumor-damaging capacity of plant materials. II. Plants used as diuretics. *J. Natl. Cancer Inst.* 13: 741–744.
- Bellolio-Trucco, G. and R. R. Ireland. 1990. A taxonomic study of the moss genus *Dicranum* (Dicranaceae) in Ontario and Quebec. *Canad. J. Bot.* 68: 867–909.
- Belsky, J. 1982. Diesel oil spill in a subalpine meadow: 9 years of recovery. *Canad. J. Bot.* 60: 906–910.
- Benl, G. 1958. Java moss for decoration and as a spawning medium—A useful aquatic plant which has yet to be seen in Britain. *Fishkeeping Water Life* 13: 655.
- Ber. Thätigk. St. Gallischen Naturwiss. Ges. = Bericht über die Thätigkeit der St. Gallischen Naturwissenschaftlichen Gesellschaft.
- Bernier, P. Y. 1992. Soil texture influences seedling water stress in more ways than one. *Tree Planters' Notes* 43(2): 39–42.
- Bernier, P. Y., J. D. Stewart, and A. Gonzalez. 1995. Effects of the physical properties of *Sphagnum* peat on water stress in containerized *Picea mariana* seedlings under simulated field conditions. *Scand. J. Forest Res.* 10: 184–189.
- Berthier, J. 1972. Étude Descriptive et Expérimentale de l'Organisation du Gamétophyte Feuillé des Mousses. Thesis. Université de Clermont-Ferrand.
- Bewley, J. D. 1974. Protein synthesis and polyribosome stability upon desiccation of the aquatic moss *Hygrohypnum luridum*. *Canad. J. Bot.* 52: 423–427.
- Bewley, J. D. 1979. Physiological aspects of desiccation tolerance. *Annual Rev. Pl. Physiol.* 30: 195–238.
- Biblioth. Bot. = Bibliotheca Botanica; original Abhandlungen aus dem Gesamtgebiete der Botanik.
- Biernacka, E. 1976. Peat effect on the recultivation of ash dumps from brown and hard coal. In: International Peat Congress. 1976. Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw. Vol. 1, pp. 397–412.
- Bih. Kongl. Svenska Vetensk.-Akad. Handl. = Bihang til Kongliga Svenska Vetenskaps-Akademiens Handlingar. ...Afdelning 3. Botanik, Omfattande Bade Lefvande och Fossila Former.
- Bijlsma, R. J. et al. 2000. Molecular markers reveal cryptic species within *Polytrichum commune* (common hair-cap moss). *Pl. Biol. (Stuttgart)* 2: 408–441.
- Biodivers. & Conservation = Biodiversity and Conservation.
- Biol. Fert. Soils = Biology and Fertility of Soils.
- Biosphaera = Biosphaera. [Seibutsukai.]
- Birks, H. J. B. 1982. Quaternary bryophyte palaeo-ecology. In: A. J. E. Smith, ed. 1982. *Bryophyte Ecology*. London and New York. Pp. 473–490.
- Birron, A. and Z. S. Cole, transls. 1963. The Increase of Productivity of Swamped Forests..., transl. from Russian. Jerusalem.
- Bland, J. H. 1971. *Forests of Lilliput: The Realm of Mosses and Lichens*. Englewood Cliffs.
- Bliss, L. C. and J. E. Cantlon. 1957. Succession on river alluvium in northern Alaska. *Amer. Midl. Naturalist* 58: 452–469.
- Blockeel, T. L. 1990. The genus *Hennediella* Par.: A note on the affinities of *Tortula brevis* Whitehouse & Newton and *T. stanfordensis* W. C. Steere. *J. Bryol.* 16: 187–192.
- Blockeel, T. L. 1995. A note on *Phascum cuspidatum* ssp. *papillosum* in the British Isles. *Bull. Brit. Bryol. Soc.* 65: 59–60.
- Blom, H. H. 1996. A revision of the *Schistidium apocarpum* complex in Norway and Sweden. *Bryophyt. Biblioth.* 49.



- Blom, H. H. 1998. *Schistidium*. In: E. Nyholm. 1986+. Illustrated Flora of Nordic Mosses. 4+ fascs. Lund. Fasc. 4, pp. 287–331.
- Blomquist, H. L. and L. L. Robertson. 1941. The development of the peristome in *Aulacomnium heterostichum*. Bull. Torrey Bot. Club 65: 569–584.
- Boffey, P. H. 1975. Energy: Plan to use peat as fuel stirs concern in Minnesota. Science, ser. 2, 190: 1066–1070.
- Bogdanov, P. L. 1963. Liming as a method of combating mosses in forest stands on moss-covered felled areas and drained swamps. In: A. Birron and Z. S. Cole, trans. 1963. The Increase of Productivity of Swamped Forests..., transl. from Russian. Jerusalem. Pp. 116–124.
- Bomansson, J. O. and V. F. Brotherus. 1894. Herbarium Musei Fennici.... II. Musci.... Helsinki. (Herb. Mus. Fenn., Musci)
- Bond, T. E. T. 1976. *Polytrichum* spp. in an apple orchard on herbicide-treated soil. Nat. Avon 35: 69–73.
- Bory de Saint-Vincent, J. B. 1804. Voyage dans les Quatre Principales Îles des Mers d'Afrique.... 3 vols. Paris. (Voy. Îles Afrique)
- Bosch, R. B. van den, F. Dozy, J. H. Molkenboer, and C. A. J. A. Oudemans. 1850–1866. Prodrum Florae Batavae. 2 vols. Nijmegen. [Vol. 2 in 4 parts, parts 1–3 paged consecutively, part 4 paged independently.] (Prodr. Fl. Bat.)
- Bosley, A., R. L. Petersen, and J. Rebbeck. 1998. The resistance of the moss *Polytrichum commune* to acute exposure of simulated acid rain or ozone compared to two fern species: Spore germination. Bryologist 101: 512–518.
- Bot. Centralbl. = Botanisches Centralblatt.
- Bot. Gaz. = Botanical Gazette; Paper of Botanical Notes.
- Bot. J. Linn. Soc. = Botanical Journal of the Linnean Society.
- Bot. Jahrb. Syst. = Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie.
- Bot. Mag. (Tokyo) = Botanical Magazine. [Shokubutsu-gaku Zasshi.] (Tokyo.)
- Bot. Mater. Otd. Sporov. Rast. Bot. Inst. Komarova Akad. Nauk S.S.S.R. = Botanicheskie Materialy Otdela Sporovyh Rastenii Botanicheskogo Instituta Imeni V. L. Komarova Akademii Nauk S S S R.
- Bot. Misc. = Botanical Miscellany.
- Bot. Not. = Botaniska Notiser.
- Bot. Taschenb. Anfänger Wiss. Apothekerkunst = Botanisches Taschenbuch für die Anfänger dieser Wissenschaft und der Apothekerkunst.
- Bot. Taschenbuch—See: F. Weber and D. M. H. Mohr 1807
- Bot. Tidsskr. = Botanisk Tidsskrift.
- Bot. Voy. Herald—See: B. Seemann 1852–1857
- Bot. Zeitung (Berlin) = Botanische Zeitung. (Berlin.)
- Bot. Zeitung (Regensburg) = Botanische Zeitung, welche Recensionen, Abhandlungen, Aufsätze, Neuigkeiten und Nachrichten, die Botanik betreffend, enthaelt.
- Bot. Zhurn. (Kiev) = Botanichniy Zhurnal.
- Bot. Zhurn. (Moscow & Leningrad) = Botanicheskii Zhurnal. (Moscow and Leningrad.)
- Botanica (Delhi) = The Botanica; Magazine of Delhi University Botanical Society.
- Botaniske Forening København. 1890. Den Botaniske Forenings Festskrift den 12 April 1890. Copenhagen. (Festskrift)
- Boudier, P. 2003. Contribution à la bryoflore du Québec: 1. *Gymnostomum boreale* Nyholm et Hedenäs (Musci, Pottiaceae), nouveau pour le continent Américain. Symbioses, n. s. 9: 19–24.
- Bowden, W. B., J. C. Finlay, and P. E. Maloney. 1994. Long-term effects of PO<sub>4</sub> fertilization on the distribution of bryophytes in an arctic river. Freshwater Biol. 32: 445–454.
- Bowers, F. D. and S. K. Freckmann. 1979. Atlas of Wisconsin Bryophytes. Stevens Point.
- Braithwaite, R. 1878. The Sphagnaceae or Peat-mosses of Europe and North America. London. [Issued again with errata slip, London 1880.] (Sphagnac. Europe)
- Braithwaite, R. [1880–]1887–1905. The British Moss-flora. 3 vols. in 23 parts. London. [Vols. paged independently, parts numbered consecutively.] (Brit. Moss. Fl.)
- Brassard, G. R. 1971. *Desmatodon ellesmerensis*, a new moss species from arctic Canada. Bryologist 74: 208–210.
- Brassard, G. R. 1979. The moss genus *Timmia*. 1. Introduction, and revision of *T. norvegica* and allied taxa. Lindbergia 5: 39–53.
- Brassard, G. R. 1980. The moss genus *Timmia*. 2. Sect. *Timmiaurea*. Lindbergia 6: 129–136.
- Brassard, G. R. 1984. The moss genus *Timmia*. 3. Sect. *Timmia*. Lindbergia 10: 33–40.
- Breen, R. S. 1963. Mosses of Florida, an Illustrated Manual. Gainesville.
- Breen, R. S. and R. A. Pursell. 1959. The genus *Splachnobryum* in the United States, Mexico, Central America and the Caribbean. Rev. Bryol. Lichénol. 38: 280–289.
- Bremer, B. 1980. A taxonomic revision of *Schistidium* (Grimmiaceae, Bryophyta) 1. ...2. Lindbergia 6: 1–16, 89–117.
- Bremer, B. 1981. A taxonomic revision of *Schistidium* (Grimmiaceae, Bryophyta) 3. Lindbergia 7: 73–90.
- Brewer, W. H. et al. 1876–1880. Geological Survey of California.... Botany.... 2 vols. Cambridge, Mass.
- Bridel, S. É. von. 1797–1818. Muscologia Recentiorum.... 2 vols. + 4 suppl. Gotha. [Vol. 2 in 3 parts paged independently] (Muscol. Recent.)
- Bridel, S. É. von. 1826–1827. Bryologia Universa seu Systematica ad Novam Methodum Dispositio, Historia et Descriptio Omnium Muscorum Frondosorum.... 2 vols. Leipzig. (Bryol. Univ.)
- Bridson, G. D. R. and E. R. Smith. 1991. B-P-H/S. Botanico-Periodicum-Huntianum/Supplementum. Pittsburgh.
- Briggs, D. 1965. Experimental taxonomy of some British species of the genus *Dicranum*. New Phytol. 65: 366–386.
- Briggs, D. 1972. Population differentiation in *Marchantia polymorpha* L. in various lead pollution levels. Nature 238: 166–167.
- Brinkman, A. H. 1929. Hepatics and sites: A short study in the ecology of hepatics. Bryologist 32: 29–30.
- Brit. Moss. Fl.—See: R. Braithwaite [1880–]1887–1905

- Britton, E. G. 1895. Contributions to American bryology. IX. A revision of the genus *Scouleria* with description of one new species. Bull. Torrey Bot. Club 22: 36–43.
- Britton, E. G. 1904. *Hyophila*—A new genus to the United States. Bryologist 7: 69–71.
- Britton, E. G. 1913. Bryoxiphiaceae. In: N. L. Britton et al., eds. 1905+. North American Flora.... 47+ vols. New York. Vol. 15, pp. 69–70.
- Britton, E. G. 1913b. Ditrichaceae. In: N. L. Britton et al., eds. 1905+. North American Flora.... 47+ vols. New York. Vol. 15, pp. 55–67.
- Britton, E. G. 1913c. Bruchiaceae. In: N. L. Britton et al., eds. 1905+. North American Flora.... 47+ vols. New York. Vol. 15, pp. 47–54.
- Britton, N. L. et al., eds. 1905+. North American Flora.... 47+ vols. New York. [Vols. 1–34, 1905–1957; ser. 2, parts 1–13+, 1954+.] (N. Amer. Fl.)
- Britton, N. L. and C. F. Millspaugh. 1920. The Bahama Flora. New York. (Bahama Fl.)
- Brittonia = Brittonia; a Journal of Systematic Botany....
- Brooks, R. R. 1972. Bryophytes as a guide to mineralisation. New Zealand J. Bot. 9: 674–677.
- Brotherus, V. F., ed. 1923. Die Laubmoose Fennoskandias.... Helsingfors, Berlin, and London. [Fl. Fenn. 1.] (Laubm. Fennoskand.)
- Brouwer, E. 1999. Mosschijfjes (*Lamprospora en Octospora*): Voorkomen en verspreiding in Nederland. Coolia 42: 2–20.
- Brown, J. L. and R. S. Farnham. 1976. Use of peat for wastewater filtration—Principles and methods. In: International Peat Congress. 1976. Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw. Vol. 1, pp. 349–357.
- Brown, R. 1823. Chloris Melvilliana. A List of Plants Collected in Melville Island...in the year 1820.... London. [Preprint with independent pagination from W. E. Parry. 1824. A Supplement to the Appendix of Captain Parry's Voyage.... London.] (Chlor. Melvill.)
- Brown, R. T. 1967. Influence of naturally occurring compounds on germination and growth of jack pine. Ecology 48: 542–546.
- Bruch, P. and W. P. Schimper. 1835. Die Laubmoose Europa's in Monographien. Strasbourg. (Laubm. Eur. Monogr.)
- Bruch, P. and W. P. Schimper. 1836–1855. Bryologia Europaea.... 6 vols. Stuttgart. (Bryol. Europ.)
- Bruggeman-Nannenga, M. A. 1990. On the anatomy of the costa in *Fissidens*. Trop. Bryol. 3: 37–44.
- Bruggeman-Nannenga, M. A. and W. Berendsen. 1990. On the peristome types found in the Fissidentaceae and their importance for the classifications. J. Hattori Bot. Lab. 68: 193–234.
- Bruggeman-Nannenga, M. A. and E. Nyholm. 1986. *Fissidens*. In: E. Nyholm. 1986+. Illustrated Flora of Nordic Mosses. 4+ fascs. Lund. Fasc. 1, pp. 8–14.
- Brummitt, R. K. and C. E. Powell, eds. 1992. Authors of Plant Names. A List of Authors of Scientific Names of Plants, with Recommended Standard Forms of Their Names, Including Abbreviations. Kew.
- Bryan, V. S. 1956. Chromosomes and systematic position of the inoperculate mosses, *Pleuroidium* and *Bruchia*. Amer. J. Bot. 43: 460–468.
- Bryan, V. S. 1956b. Cytological and taxonomic studies of some species of *Astomum*, *Acaulon* and *Phascum*. Bryologist 59: 118–129.
- Bryan, V. S. 1957. Cytotaxonomic studies in the Ephemeraceae and Funariaceae. Bryologist 60: 103–126.
- Bryan, V. S. and L. E. Anderson. 1957. The Ephemeraceae in North America. Bryologist 60: 67–102.
- Bryhn, N. 1906. Bryophyta in Itinere Polari Norvegorum Secundo Collecta.... Kristiania. [Rep. Second Norwegian Arctic Exped. "Fram" 1898–1902, 11.] (Bryoph. Itin. Pol. Norv.)
- Bryol. Brit.—See: W. M. Wilson 1855
- Bryol. Europ.—See: P. Bruch and W. P. Schimper 1836–1855
- Bryol. Germ.—See: C. G. D. Nees et al. 1823–1831
- Bryol. Jav.—See: F. Dozy and J. H. Molkenboer [1854–]1855–1870
- Bryol. Siles.—See: C. Milde 1869
- Bryol. Times = Bryological Times; Newsletter of the International Association of Bryologists.
- Bryol. Univ.—See: S. É. von Bridel 1826–1827
- Bryoph. Itin. Pol. Norv.—See: N. Bryhn 1906
- Bryophyt. Biblioth. = Bryophytorum Bibliotheca.
- Bryotheca Eur.—See: G. L. Rabenhorst and G. Winter 1858–1884
- Buck, W. R. 1979. A re-evaluation of the Bruchiaceae with the description of a new genus. Brittonia 31: 469–473.
- Buck, W. R. and B. Goffinet. 2000. Morphology and classification of mosses. In: A. J. Shaw and B. Goffinet, eds. 2000. Bryophyte Biology. Cambridge and New York. Pp. 71–123.
- Buck, W. R. and R. H. Zander. 1980. On *Astomiopsis*, *Bryomanginia* and *Melophyllum* (Ditrichaceae). Bryologist 83: 254–255.
- Bull. Biol. Soc. Hiroshima Univ. = Bulletin of the Biological Society of Hiroshima University. [Hiroshima Daigaku Seibutsu Gakkai Shi.]
- Bull. Brit. Bryol. Soc. = Bulletin, British Bryological Society.
- Bull. Buffalo Soc. Nat. Sci. = Bulletin of the Buffalo Society of Natural Sciences.
- Bull. Chicago Nat. Hist. Mus. = Bulletin of the Chicago Natural History Museum.
- Bull. Forest Exp. Sta., Chosen = Bulletin, Forest Experiment Station, Government General of Chosen.
- Bull. Georgia Acad. Sci. = Bulletin of the Georgia Academy of Science.
- Bull. Herb. Boissier = Bulletin de l'Herbier Boissier.
- Bull. Jard. Bot. Natl. Belg. = Bulletin du Jardin Botanique National de Belgique.
- Bull. New York Acad. Med. = Bulletin of the New York Academy of Medicine.
- Bull. New York Bot. Gard. = Bulletin of the New York Botanical Garden.
- Bull. New York State Mus. Sci. Serv. = Bulletin of the New York State Museum and Science Service.
- Bull. New Zealand Inst. = Bulletin, New Zealand Institute.
- Bull. Séances Soc. Sci. Nancy = Bulletin des Séances de la Société des Sciences de Nancy et de la Réunion Biologique de Nancy.
- Bull. Soc. Bot. France = Bulletin de la Société Botanique de France.

- Bull. Soc. Roy. Bot. Belgique = Bulletin de la Société Royale de Botanique de Belgique.
- Bull. Torrey Bot. Club = Bulletin of the Torrey Botanical Club.
- Bull. U.S. Geol. Surv. = Bulletin of the United States Geological Survey.
- Burch, J. 1997. The leucobryoid leaf. *Bull. Brit. Bryol. Soc.* 69: 24–25.
- Burley, J. S. and N. M. Pritchard. 1990. Revision of the genus *Ceratodon* (Bryophyta). *Harvard Pap. Bot.* 2: 17–76.
- Cajander, A. K. 1926. The theory of forest types. *Acta Forest. Fenn.* 29: 1–108.
- Calcutta J. Nat. Hist. = Calcutta Journal of Natural History, and Miscellany of the Arts and Sciences in India.
- Calif. Builder = California Builder.
- Canad. Field-Naturalist = Canadian Field-Naturalist.
- Canad. J. Bot. = Canadian Journal of Botany.
- Canad. J. Forest Res. = Canadian Journal of Forest Research.
- Candollea = Candollea; *Organe du Conservatoire et du Jardin Botaniques de la Ville de Genève.*
- Cano, M. J. and M. T. Gallego. 2003. Lectotypification of twenty names of taxa referable to *Tortula* Hedw. (Pottiaceae, Bryophyta). *Taxon* 52: 611–618.
- Cano, M. J., J. Guerra, and R. M. Ros. 1992. *Crossidium seriatum* (Pottiaceae, Musci) new to Europe. *Bryologist* 95: 280–283.
- Cano, M. J., J. Guerra, and R. M. Ros. 1993. A revision of the moss genus *Crossidium* (Pottiaceae) with the description of the new genus *Microcrossidium*. *Pl. Syst. Evol.* 188: 213–235.
- Cano, M. J., J. Guerra, J., and R. M. Ros. 2006. *Tortula*. In: J. Guerra and R. M. Cros. 2006+. *Flora Briofítica Ibérica*. 1+ vol. Murcia. Vol. 3, pp. 146–176.
- Cano, M. J., R. M. Ros, P. García-Zamora, and J. Guerra. 1996. *Didymodon sicculus* sp. nov. (Bryopsida, Pottiaceae) from the Iberian Peninsula. *Bryologist* 99: 401–406.
- Cano, M. J., O. Werner, and J. Guerra. 2005. A morphometric and molecular study in *Tortula subulata* complex (Pottiaceae, Bryophyta). *Bot. J. Linn. Soc.* 149: 333–350.
- Cao, T. and D. H. Vitt. 1986. Spore surface structure of *Sphagnum*. *Nova Hedwigia* 43: 191–220.
- Cao, T. and D. H. Vitt. 1986b. A taxonomic revision and phylogenetic analysis of *Grimmia* and *Schistidium* (Bryopsida: Grimmiaceae) in China. *J. Hattori Bot. Lab.* 61: 123–247.
- Cao, T. and D. H. Vitt. 1994. North American–East Asian similarities in the genus *Ptychomitrium* (Bryopsida). *Bryologist* 97: 34–41.
- Carbohyd. Polymers = Carbohydrate Polymers.
- Carrión, J. S., J. Guerra, and R. M. Ros. 1990. Spore morphology of the European species of *Phascum* Hedw. (Pottiaceae, Musci). *Nova Hedwigia* 51: 411–433.
- Carter, L. J. 1978. Peat for fuel: Development pushed by big corporate farm in Carolina. *Science*, ser. 2, 199: 33–34.
- Čas. Morav. Mus. Brně, Vědy Příř. = Časopis Moravského Musea v Brně. Vědy Přířodni.
- Čas. Nár. Muz. Rada Příř. = Časopis Národního Muzea. Rada přířodov'dna.
- Casares-Gil, A. and A. Caballero. 1919–1932. *Flora Ibérica. Briófitas*. 2 vols. Madrid. [Vol. 1, Hepáticas; vol. 2, Musgos, parte primera; all publ.] (Fl. Ibér. Brióf.)
- Casas de Puig, C., C. Sérgio, R. M. Cros, and M. Brugués. 1990. Datos sobre el género *Acaulon* en la Península Ibérica. *Cryptog. Bryol. Lichénol.* 11: 63–70.
- Case, R. B. 1994. A case for the Great Lakes *Sphagnum* bog garden. *Wildflower (Unionville)* 10(1): 30.
- Castanea = Castanea; *Journal of the Southern Appalachian Botanical Club.*
- Cat. Canad. Pl., Musci—See: J. Macoun and N. C. Kindberg 1892
- Cat. Pl. Helv. ed. 2—See: J. C. Schleicher 1807[1808].
- Cens. Cat. Polish Mosses—See: R. Ochrya et al. 2003
- Chamberlain, D. F. 1978. *Pottia*. In: A. J. E. Smith. 1978. *The Moss Flora of Britain and Ireland*. Cambridge. Pp. 234–242.
- Chapman, S. et al. 2003. Exploitation of northern peatlands and biodiversity maintenance: A conflict between economy and ecology. *Frontiers Ecol. Environm.* 1: 525–532.
- Chem. Geol. = Chemical Geology.
- Chem. Industr. Chem. = Chemistry and Industrial Chemistry. [Kagaku to Kogyo.]
- Chem. Lett. = Chemistry Letters.
- Chemical Society of Japan. 1983. 48th Annual Meeting... *Proceedings Papers II*. Tokyo.
- Chen, P. C. 1941. Studien über die ostasiatischen Arten der Pottiaceae, I–II. *Hedwigia* 80: 1–76, 141–322.
- Chen, P. C. et al. 1963. *Genera Muscorum Sinicorum* 2 vols. Beijing. [Reprinted 1977–1978, Königstein.]
- Chikishev, A. G. 1965. *Plant Indicators of Soil, Rocks and Subsurface Water*. New York.
- Chlor. Melvill.—See: R. Brown 1823
- Churchill, S. P. 1981. A phylogenetic analysis, classification and synopsis of the genera of the Grimmiaceae (Musci). *Advances Cladist.* 1: 127–144.
- Churchill, S. P. 1985b. The systematics and biogeography of *Scouleria* Hook. (Musci: Scouleriaceae). *Lindbergia* 11: 59–71.
- Churchill, S. P. 1987. Systematics and biogeography of *Jaffueliobryum* (Grimmiaceae). *Mem. New York Bot. Gard.* 45: 691–708.
- CIM Bull. = CIM Bulletin.
- Clarke, C. H. 1902. Bryological millinery. *Bryologist* 5: 77–78.
- Clarke, G. C. S. and J. G. Duckett, eds. 1979. *Bryophyte Systematics*. London and New York.
- Clin. Rehab. = Clinical Rehabilitation.
- Clymo, R. S. 1963. Ion exchange in *Sphagnum* and its relation to bog ecology. *Ann. Bot. (Oxford)*, n. s. 27: 309–324.
- Clymo, R. S. 1987. The ecology of peatlands. *Sci. Progr. (London, 1934+)* 71: 593–614.
- Cohn, F. J., ed. 1876–1908. *Kryptogamen-Flora von Schlesien*. 3 vols. in parts. Breslau. [Parts paged independently within vols.] (Krypt.-Fl. Schlesien)
- Comis, D. 1992. Miracle moss: Add water and watch it grow. *Agric. Res. (Washington, DC)* 1992(Jun.): 10–11.
- Comment. Soc. Crittog. Ital. = Commentario della Società Crittogamologica Italiana.
- Compost Sci. Utiliz. = Compost Science and Utilization.

- Conard, H. S. 1935. Mosses and soil erosion. Iowa State Coll. J. Sci. 9: 347–351.
- Conard, H. S. 1945. *Gyroweisia reflexa* in North America. Bryologist 48: 28–29.
- Consp. Musc. Eur.—See: J. Podpěra 1954
- Consp. Regn. Veg.—See: H. G. L. Reichenbach 1828
- Contr. Univ. Michigan Herb. = Contributions from the University of Michigan Herbarium.
- Cook, C. D. K. et al. 1974. Water Plants of the World: A Manual for the Identification of the Genera of Freshwater Macrophytes. The Hague.
- Coolia = Coolia; Contactblad van de Nederlandse Mycologische Vereniging.
- Corley, M. F. V. et al. 1981. Mosses of Europe and the Azores: An annotated list of species with synonyms from the recent literature. J. Bryol. 11: 609–689.
- Coroll. Bryol. Eur.—See: W. P. Schimper 1856
- Correns, C. E. 1899. Untersuchungen über die Vermehrung der Laubmoose durch Brutorgane und Stecklinge.... Jena.
- Coupal, B. and J. M. Lalancette. 1976. The treatment of waste waters with peat moss. Water Res. 10: 1071–1076.
- Cox, R. L. and A. H. Westing. 1963. The effect of peat-moss extracts on seed germination. Proc. Indiana Acad. Sci. 73: 113–115.
- Crandall-Stotler, B. 1984. Musci, hepatics and anthocerotales—An essay on analogues. In: R. M. Schuster, ed. 1983–1984. New Manual of Bryology. 2 vols. Nichinan. Vol. 2, pp. 1093–1129.
- Cridland, A. A. 1959. The habitat of *Aschisma kansanum*. Bryologist 62: 132–135.
- Crome, G. E. W. 1803–1806. Sammlung deutscher Laubmoose. 1 vol. + 2 suppl. Schwerin. [Suppl. (Nachlieferungen) paged independently.] (Samml. Deut. Laubm.)
- Cronberg, N. 1997. Genotypic differentiation between the two related peat mosses, *Sphagnum rubellum* and *S. capillifolium* in northern Europe. J. Bryol. 19: 715–729.
- Cronberg, N. 1998. Population structure and interspecific differentiation of the peat moss sister species *Sphagnum rubellum* and *S. capillifolium* (Sphagnaceae) in northern Europe. Pl. Syst. Evol. 102: 589–614.
- Cronberg, N., R. Natcheva, and K. Hedlund. 2006. Microarthropods mediate sperm transfer in mosses. Science, ser. 2, 313: 1255.
- Crosby, M. R. 1968. *Micromitrium* Aust., an earlier name for *Nanomitrium* Lindb. Bryologist 71: 114–117.
- Crosby, M. R. and B. H. Allen. 1987. *Pseudoscleropodium purum* re-established in South America. J. Bryol. 14: 523–525.
- Crosby, M. R. and R. E. Magill. 1977. A Dictionary of Mosses.... St. Louis.
- Crosby, M. R., R. E. Magill, B. H. Allen, and He S. 1999. A Checklist of the Mosses. St. Louis.
- Cross, J. R. 1981. The establishment of *Rhododendron ponticum* in the Killarney Oakwoods, s.w. Ireland. J. Ecol. 69: 807–824.
- Crum, H. A. 1965. *Hyophilopsis*, a new genus of Pottiaceae. Bryologist 68: 68–71.
- Crum, H. A. 1965b. *Hyophilopsis*—A nomenclatural correction. Bryologist 68: 470.
- Crum, H. A. 1965c. *Barbula eustegia*, a moss new to Canada. Canad. Field-Naturalist 79: 157.
- Crum, H. A. 1967. A new species of *Pterigoneurum* [sic] from California. Madroño 19: 92–94.
- Crum, H. A. 1969. Nomenclatural notes on North American mosses. Bryologist 72: 240–246.
- Crum, H. A. 1972. The dubious origin of *Glyphomitrium canadense* Mitt. J. Bryol. 7: 165–168.
- Crum, H. A. 1972b. A taxonomic account of the Erpodiaceae. Nova Hedwigia 23: 201–224.
- Crum, H. A. 1973. Mosses of the Great Lakes Forest. Contr. Univ. Michigan Herb. 10.
- Crum, H. A. 1977. *Grimmia pulvinata* in eastern North America. Bryologist 80: 152–153.
- Crum, H. A. 1981. *Eccremidium*, a genus of Ditrichaceae new to the Americas. Bryologist 84: 527–532.
- Crum, H. A. 1984. Sphagnaceae. In: N. L. Britton et al., eds. 1905+. North American Flora.... 47+ vols. New York. Ser. 2, part 11.
- Crum, H. A. 1986. Sphagnaceae. In: G. S. Mogensen, ed. Illustrated moss flora of arctic North America and Greenland. 2. Meddel. Grønland, Biosci. 18: 1–61.
- Crum, H. A. 1988. A Focus on Peatlands and Peat Mosses. Ann Arbor.
- Crum, H. A. 1994. Rhachithecaceae. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 588–590.
- Crum, H. A. 1994b. *Aongstroemia*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 116–118.
- Crum, H. A. 1994c. Grimmiales. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 386–415.
- Crum, H. A. 1997. A seasoned view of North American *Sphagna*. J. Hattori Bot. Lab. 82: 77–98.
- Crum, H. A. 2001. Structural Diversity of Bryophytes. Ann Arbor.
- Crum, H. A. and L. E. Anderson. 1955. Taxonomic studies in the Funariaceae. Bryologist 58: 1–15.
- Crum, H. A. and L. E. Anderson. 1958. Taxonomic studies on North American mosses. VI–XIII. J. Elisha Mitchell Sci. Soc. 74: 31–40.
- Crum, H. A. and L. E. Anderson. 1961. *Luisierella barbula* in Georgia. Bryologist 64: 315–320.
- Crum, H. A. and L. E. Anderson. 1964. Notes on *Physcomitrium collenchymatum*. Bryologist 67: 350–355.
- Crum, H. A. and L. E. Anderson. 1965. *Fissidens asplenioides* new to the United States. Bryologist 68: 100–105.
- Crum, H. A. and L. E. Anderson. 1965b. The taxonomy and distribution of *Acaulon schimperianum*. Bryologist 68: 208–211.
- Crum, H. A. and L. E. Anderson. 1980–1983. Mosses of North America. 4 vols. Durham, N.C. [Text to accompany exsiccata.]



- Crum, H. A. and L. E. Anderson. 1981. Mosses of Eastern North America. 2 vols. New York. (Mosses E. N. Amer.)
- Crum, H. A. and J. A. Snider. 1994. Ditrichaceae. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 90.
- Crum, H. A., W. C. Steere, and L. E. Anderson. 1973. A new list of mosses of North America north of Mexico. *Bryologist* 76: 85–130.
- Crump, D. R. and P. J. Barlow. 1980. A field method of assessing lead uptake by plants. *Sci. Total Environm.* 15: 269–274.
- Crundwell, A. C. and E. Nyholm. 1962. Notes on the genus *Tortella*. I. *T. inclinata*, *T. densa*, *T. flavovirens* and *T. glareicola*. *Trans. Brit. Bryol. Soc.* 4: 187–193.
- Crundwell, A. C. and E. Nyholm. 1977. *Dicranella howei* Ren. & Card. and its relationship to *D. varia* (Hedw.) Schimp. *Lindbergia* 4: 35–38.
- Cryptog. Bryol. Lichénol. = Cryptogamie—Bryologie et Lichénologie.
- Cutis = Cutis; Cutaneous Medicine for the Practitioner.
- Dale, T. M., M. L. Skotnicki, K. D. Adam, and P. M. Selkirk. 1999. Genetic diversity in the moss *Hennediella heimii* in Miers Valley, southern Victoria Land, Antarctica. *Polar Biol.* 21: 228–233.
- D'Alessio, D. J., L. J. Leavens, G. B. Strumpf, and C. D. Smith. 1965. An outbreak of sporotrichosis in Vermont associated with *Sphagnum* moss as the source of infection. *New England J. Med.* 272: 1054–1058.
- Daniels, R. E. and A. Eddy. 1985. Handbook of European *Sphagna*. Huntingdon.
- Daten Dok. Umweltsch. = Daten und Dokumente zum Umweltschutz.
- Davidson, A. J., J. B. Harborne, and R. E. Longton. 1989. Identification of hydroxycinnamic and phenolic acids in *Mnium hornum* and *Brachythecium rutabulum* and their possible role in protection against herbivory. *J. Hattori Bot. Lab.* 67: 415–422.
- Davison, P. G. and D. E. Wujek. 1999. *Caloglossa leprieurii* (Montagne) J. Agardh, an estuarine alga in the Tennessee River. *Castanea* 64: 265–268.
- De Notaris, G. 1837. *Muscologiae Italicae Spicilegium*. Milan. (Muscol. Ital. Spic.)
- De Notaris, G. 1838. *Syllabus Muscorum in Italia et in Insulis Circumstantibus....* Turin. (Syllab. Musc.)
- De Notaris, G. 1862. *Musci Italici...Particula I....* Genoa. (Musci Ital.)
- De Timmia—See: K. Hessler 1822
- de Winter, W. P. and V. B. Amoroso. 2003. *Cryptogams: Ferns and Fern Allies*. Leiden.
- Deguchi, H. 1979. A revision of the genera *Grimmia*, *Schistidium*, and *Coscinodon* (Musci) in Japan. *J. Sci. Hiroshima Univ., Ser. B, Div. 2, Bot.* 16: 121–256.
- Deguchi, H. 1987. *Luisierella* (Pottiaceae, Musci), a moss genus with a disjunctive distribution in Neotropics and Japan. *J. Jap. Bot.* 62: 7–15.
- Deguchi, H. and T. Matsui. 1986. Rhizoidal tubers of *Ditrichum heteromallum* in Japanese population. *Proc. Bryol. Soc. Japan* 4: 87.
- Delgadillo M., C. 1973. A new species, nomenclatural changes, and generic limits in *Aloina*, *Aloinella*, and *Crossidium*. *Bryologist* 76: 271–277.
- Delgadillo M., C. 1975. Taxonomic revision of *Aloina*, *Aloinella* and *Crossidium* (Musci). *Bryologist* 78: 245–303.
- Delgadillo M., C. and R. H. Zander. 1984. The mosses of the Tehuacán Valley, Mexico, and notes on their distribution. *Bryologist* 87: 319–322.
- Derda, G. S. and R. Wyatt. 1999. Levels of genetic variation and its partitioning in the wide-ranging moss *Polytrichum commune*. *Syst. Bot.* 24: 412–528.
- Derda, G. S., R. Wyatt, and J. Hyvönen. 1999. Genetic similarities among the hair-cap mosses (Polytrichaceae) as revealed by enzyme electrophoresis. *Bryologist* 102: 352–365.
- Deutschl. Fl.—See: G. F. Hoffmann [1791–1804]; J. Sturm et al. [1796–]1798–1862
- Deutschl. Krypt.-Fl.—See: G. L. Rabenhorst 1844–1848
- Deutschl. Moose—See: H. C. Funck 1820
- D'Hennezel, F. and B. Coupal. 1972. Peat moss: A natural absorbant for oil spills. *CIM Bull.* 65: 51–53.
- Dickson, J. 1785–1801. *Fasciculus [...]* Plantarum Cryptogamicarum Britanniae. 4 fascs. London. [Fasc. paged independently.] (Fasc. Pl. Crypt. Brit.)
- Dickson, J. H. 1967. *Pseudoscleropodium purum* (Limpr.) Fleisch. on St. Helena and its arrival on Tristan da Cunha. *Bryologist* 70: 267–268.
- Dickson, J. H. 1973. Bryophytes of the Pleistocene: The British Record and Its Chorological and Chronological Implications. Cambridge.
- Dickson, J. H. 1981. Mosses from a Roman well at Abingdon. *J. Bryol.* 11: 559–562.
- Dierssen, K. 1973. Moosgesellschaften auf isländischen Torfböden und ihre Abhängigkeit vom Wasser- und Nährstoffhaushalt Hveragerdi. [Ber. Forschungsst. Nedri Ás, Hveragerdi 13.]
- Dilks, T. J. K. and M. C. F. Proctor. 1976. Effects of intermittent desiccation on bryophytes. *J. Bryol.* 9: 249–264.
- Dillenius, J. J. 1741. *Historia Muscorum....* Oxford.
- Discover = Discover; Magazine of Science and Technology: Their Wonders, Their Uses, Their Impact on Our Lives.
- Dixon, H. N. 1896. *The Student's Handbook of British Mosses....* Eastbourne and London. (Stud. Handb. Brit. Mosses)
- Doebbler, P. 1997. Biodiversity of bryophilous Ascomycetes. *Biodivers. & Conservation* 6: 721–738.
- Dozy, F. and J. H. Molkenboer. [1854–]1855–1870. *Bryologia Javanica....* 2 vols. in fascs. Leiden. [Vols. paged independently, fascs. and plates numbered consecutively.] (Bryol. Jav.)
- Drlica, K. 1982. A burning question. *Garden* (New York, 1977+) 6(6): 26–29.
- Drummond, T. 1824–1825. *Musci Scotici....* 2 vols. Forfar. [Exsiccata; specimens numbered 1–100 in each vol.] (Musc. Scot.)
- Drummond, T. 1828. *Musci Americani; or, Specimens of the Mosses Collected in British North America...During the Second Land Arctic Expedition Under the Command of*

- Captain Franklin, R.N. 2 vols. Glasgow. [Exsiccata; specimens numbered consecutively.] (Musc. Amer.)
- Duckett, J. G., J. A. Goode, and A. D. Stead. 1993. Studies of protonemal morphogenesis in mosses. I. *Ephemerum*. J. Bryol. 17: 397–408.
- Duckett, J. G. and S. Pressl. 2003. Studies of protonemal morphogenesis in mosses. IX. *Discelium nudum*: Exquisite pioneer of unstable clay banks. J. Bryol. 25: 241–245.
- During, H. J. 1990. The bryophytes of calcareous grasslands. In: S. H. Hillier et al., eds. 1990. Calcareous Grasslands: Ecology and Management. Huntingdon. Pp. 35–40.
- Dyer, A. F. and J. G. Duckett, eds. 1984. The Experimental Biology of Bryophytes. London etc.
- Eckel, P. M. 1986. *Didymodon australasiae* var. *umbrosus* new to eastern North America. Bryologist 89: 70–72.
- Eckel, P. M. 1987. Mosses new and rare for New York State. Rhodora 89: 375–379.
- Eckel, P. M. 1990. *Bryoerythrophyllum ferruginascens* (Musci: Pottiaceae) in eastern North America. Bryologist 93: 208–210.
- Eckel, P. M. 1990b. Taxa minora delineata. II. *Bryoerythrophyllum recurvirostrum* (Hedw.) Chen var. *robustum* Saito. Bryologist 93: 386.
- Eckel, P. M. 1997. The moss *Tortella alpicola* Dix. new to Alberta and the Yukon Territory with a discussion of its range and comments on related species. Canad. Field-Naturalist 111: 320–322.
- Eckel, P. M. 1998. Re-evaluation of *Tortella* (Musci, Pottiaceae) in conterminous U.S.A. and Canada with a treatment of the European species *Tortella nitida*. Bull. Buffalo Soc. Nat. Sci. 36: 117–191.
- Eckel, P. M. 2000. *Trichostomum tenuirostre* var. *gemmiparum* new to the United States. Evansia 17: 61–62.
- Eckel, P. M. 2003. *Trichostomum portoricense*, new to the state of Texas. Evansia 20: 138–141.
- Eckel, P. M., J. Hoy, and J. C. Elliott. 1996. *Pseudocrossidium obtusulum* (Pottiaceae, Bryopsida) new to Montana with a key to the North American species in the genus. Great Basin Naturalist 57: 259–262.
- Ecology = Ecology, a Quarterly Journal Devoted to All Phases of Ecological Biology.
- Econ. Bot. = Economic Botany; Devoted to Applied Botany and Plant Utilization.
- Eddy, A. 1988+. A Handbook of Malesian Mosses. 3+ vols. London.
- Edinburgh J. Sci. = Edinburgh Journal of Science.
- Edwards, S. R. 1978. Protonemal gemmae in *Schistostega pennata* (Hedw.) Web. et Mohr. J. Bryol. 10: 69–72.
- Edwards, S. R. 1979. Taxonomic implications of cell patterns in haplolepidous moss peristomes. In: G. C. S. Clarke and J. G. Duckett, eds. 1979. Bryophyte Systematics. London and New York. Pp. 317–346.
- Edwards, S. R. 1984. Homologies and inter-relationships of moss peristomes. In: R. M. Schuster, ed. 1983–1984. New Manual of Bryology. 2 vols. Nichinan. Vol. 2, pp. 658–695.
- Elenc. Musch.—See: D. Lisa 1837
- Ellis, V. L. 1992. Mosses in the garden. Washington Park Arbor. Bull. 55(3): 24–25.
- Engl. Bot.—See: J. E. Smith et al. 1790–1866
- Engler, H. G. A., ed. 1900–1953. Das Pflanzenreich.... 107 vols. Berlin. [Sequence of vol. (Heft) numbers (order of publication) is independent of the sequence of series and family (Roman and Arabic) numbers (taxonomic order).] (Pflanzenr.)
- Engler, H. G. A. et al., eds. 1924+. Die natürlichen Pflanzenfamilien..., ed. 2. 26+ vols. Leipzig and Berlin. (Nat. Pflanzenfam. ed. 2)
- Engler, H. G. A. and K. Prantl, eds. 1887–1915. Die natürlichen Pflanzenfamilien.... 254 fascs. Leipzig. [Sequence of fasc. (Lieferung) numbers (order of publication) is independent of the sequence of division (Teil) and subdivision (Abteilung) numbers (taxonomic order).] (Nat. Pflanzenfam.)
- Environm. Pollut. = Environmental Pollution.
- Environm. Pollut., B = Environmental Pollution. Series B, Chemical and Physical.
- Epstein, B. 1988. Inside the invisible moss industry. Milwaukee J. 1988(4 Jan.).
- Equihua, M. and M. B. Usher. 1993. Impact of carpets of the invasive moss *Campylopus introflexus* on *Calluna vulgaris* regeneration. J. Ecol. 81: 359–365.
- Erdman, J. A. and P. J. Modreski. 1984. Copper and cobalt in aquatic mosses and stream sediments from the Idaho Cobalt Belt. J. Geochem. Explor. 20: 75–84.
- Ernst-Schwarzenbach, M. 1944. La sexualité et le dimorphisme des spores des mousses. Rev. Bryol. Lichénol. 14: 105–113.
- Erythea = Erythea; a Journal of Botany, West American and General.
- Ethnobotany = Ethnobotany; Journal of Society of Ethnobotanists.
- Eur. Hvitmoss.—See: S. O. Lindberg 1882
- Eur. Laubm.—See: G. Roth [1903–]1904–1905
- Eur. N. Amer. Bryin.—See: N. C. Kindberg 1897–1898
- European Congress on the Influence of Air Pollution... 1969. Air Pollution: Proceedings of the First European Congress on the Influence of Air Pollution on Plants and Animals. Wageningen.
- Eversman, S. and A. J. Sharp. 1980. First checklist of Montana mosses. Proc. Montana Acad. Sci. 39: 12–24.
- Fasc. Pl. Crypt. Brit.—See: J. Dickson 1785–1801
- Fedtschenko, B. A., ed. [1912–]1913–1920. Flora Aziatskoi Rossii. 15 nos. St. Petersburg. (Fl. Aziat. Ross.)
- Ferguson, P. and J. A. Lee. 1978. Effects of sulphur pollutants on the growth of *Sphagnum* species. Environm. Pollut. 16: 151–162.
- Festschrift—See: Botaniske Forening København 1890
- Fieldiana, Bot. = Fieldiana: Botany.
- Fife, A. J. 1979. Taxonomic observations on three species of North American *Funaria*. Bryologist 82: 204–214.
- Fife, A. J. 1980. The affinities of *Costesia* and *Neosharpiella* and notes on the Gigaspermaceae (Musci). Bryologist 83: 466–476.
- Fife, A. J. 1985. A generic revision of the Funariaceae (Bryophyta: Musci). Part 1. J. Hattori Bot. Lab. 58: 149–196.
- Fine Gard. = Fine Gardening.
- Fischer, W., G. Schlungbaum, and R. Kadner. 1968. Cation exchange capacities of peat investigated by means of pH

- titrations, KI/KIO<sub>3</sub>, CuSO<sub>4</sub> and methylene blue. In: R. A. Robertson, ed. 1968. Second International Peat Congress, Leningrad, USSR, 1963: Transactions. 2 vols. Edinburgh. Vol. 2, pp. 985–997.
- Fishkeeping Water Life = Fishkeeping and Water Life.
- Fitoterapia = Fitoterapia; Rivista di Studi ed Applicazioni delle Piante Medicinali.
- Fl. Antarct.—See: J. D. Hooker 1844–1847
- Fl. Aziat. Ross.—See: B. A. Fedtschenko [1912–]1913–1920
- Fl. Bor.-Amer.—See: A. Michaux 1803
- Fl. Bras.—See: C. F. P. von Martius et al. 1840–1906
- Fl. Brit.—See: J. E. Smith 1800–1804
- Fl. Edin.—See: R. K. Greville 1824
- Fl. Franç. ed. 3—See: J. Lamarck and A. P. de Candolle 1805[–1815]
- Fl. Gén. Belgique—See: C. M. J. Mathieu 1853–1855
- Fl. Ibér. Brióf.—See: A. Casares-Gil and A. Caballero 1919–1932
- Fl. Lapp.—See: G. Wahlenberg 1812
- Fl. Mouss. Suisse—See: J. Amann et al. 1918
- Fl. Neotrop.—See: Organization for Flora Neotropica 1968+
- Flatberg, K. I. 1984. A taxonomic revision of the *Sphagnum imbricatum* complex. Kongel. Norske Vidensk. Selsk. Skr. (Trondheim) 1984(3): 1–80.
- Flatberg, K. I. 1985. Studies in *Sphagnum subfulvum* Sjörs, and related morphotypes. Lindbergia 11: 38–54.
- Flatberg, K. I. 1987. Taxonomy of *Sphagnum majus* (Russ.) C. Jens. Kongel. Norske Vidensk. Selsk. Skr. (Trondheim) 2: 1–42.
- Flatberg, K. I. 1994. Norwegian *Sphagna*: A Field Colour Guide. Trondheim.
- Flatberg, K. I. 2002. The Norwegian *Sphagna*: A Field Colour Guide. Trondheim.
- Fleischer, M. 1900–1922. Die Musci der Flora von Buitenzorg.... 4 vols. Leiden. [Fl. Buitenzorg 5.] (Musc. Buitenzorg)
- Flexner, S. B. and L. C. Hauck, eds. 1987. The Random House Dictionary of the English Language, ed. 2 unabridged. New York.
- Flora = Flora; oder (allgemeine) botanische Zeitung. [Vols. 1–16, 1818–1833, include “Beilage” and “Ergänzungsblätter”; vols. 17–25, 1834–1842, include “Beiblatt” and “Intelligenzblatt.”]
- Florschütz, P. A. 1964. The Mosses of Suriname, Part I. Leiden.
- Flowers, S. 1956. *Dicranoweisia crispula* and *D. cirrhata*. Bryologist 59: 239–244.
- Flowers, S. 1957. Ethnobotany of the Gosiute Indians of Utah. Bryologist 71: 344–347.
- Flowers, S. 1973. Mosses: Utah and the West, edited by Arthur Holmgren. Provo.
- Forman, R. T. T. 1962. The family Tetraphidaceae in North America: Continental distribution and ecology. Bryologist 65: 280–285.
- Forman, R. T. T. 1968. Caloric values of bryophytes. Bryologist 71: 344–347.
- Förteckn. Skand. Växt., Moss. ed. 2—See: H. Weimarck [1937]
- Fortschr. Chem. Organischer Naturst. = Fortschritte der Chemie organischer Naturstoffe.
- Fragm. Florist. Geobot. = Fragmenta Floristica et Geobotanica.
- Fragm. Florist. Geobot., Ser. Polon. = Fragmenta Floristica et Geobotanica. Series Polonica.
- Frahm, J.-P. 1976. Weitere Toxizitätsversuche an Wassermoosen. Gewässer & Abwässer 60/61: 113–123.
- Frahm, J.-P. 1980. Synopsis of the genus *Campylopus* in North America north of Mexico. Bryologist 83: 570–588.
- Frahm, J.-P. 1991. Dicranaceae: Campylopodioideae, Paraleucobryoideae. In: N. L. Britton et al., eds. 1905+. North American Flora.... 47+ vols. New York. Vol. 54.
- Frahm, J.-P. 1994. A contribution to the differentiation of *Campylopus subulatus* and *C. tallulensis* in North America. Evansia 11: 95–99.
- Frahm, J.-P. 1997. A taxonomic revision of *Dicranodontium* (Musci). Ann. Bot. Fenn. 34: 179–204.
- Frahm, J.-P. 2000. New combinations in the genera *Atractylocarpus* and *Metzleria*. Trop. Bryol. 18: 115–118.
- Frahm, J.-P. et al. 1998. Revision der Gattung *Dichodontium* (Musci, Dicranaceae). Trop. Bryol. 14: 109–118.
- Frahm, J.-P. and P. Isoviita. 1986. Proposal to amend *Atractylocarpus*, nom. cons. (Musci, Dicranaceae). Taxon 37: 967–969.
- Frahm, J.-P., A. Lindlar, P. Sollman, and E. Fischer. 1996. Bryophytes from the Cape Verde Islands. Trop. Bryol. 12: 123–153.
- Frahm, J.-P. and D. H. Vitt. 1978. A taxonomic study of *Campylopus schimperi* and *C. subulatus* in North America. Brittonia 30: 365–372.
- Frankel, E. H. and D. F. Frankel. 1982. Sporotrichosis of the abdomen. Cutis 29: 189–190.
- Franklova, H. 2001. Distribution of the species of *Kiaeria*. Čas. Nár. Muz. Rada Přír. 170: 75–79.
- French, J. C. and D. J. Paolillo. 1975. Intercalary meristematic activity in the sporophyte of *Funaria* (Musci). Amer. J. Bot. 62: 86–96.
- Freshwater Biol. = Freshwater Biology.
- Frey, W. 1971. Blattenwicklung bei Laubmoosen. Lehre.
- Fries, E. M. 1845–1849. Summa Vegetabilium Scandinaviae.... 2 sects. Uppsala, Stockholm, and Leipzig. [Sects. paged consecutively.] (Summa Veg. Scand.)
- Frisvoll, A. A. 1981. Fifteen bryophytes new to Svalbard, including notes on some rare or interesting species. Lindbergia 7: 91–102.
- Frisvoll, A. A. 1983. A taxonomic revision of the *Racomitrium canescens* group (Bryophyta, Grimmiaceae). Gunneria 41: 1–181.
- Frisvoll, A. A. 1985. Lectotypifications including nomenclatural and taxonomic notes on *Ditrichum flexicaule* sensu lato. Bryologist 88: 31–40.
- Frisvoll, A. A. 1988. A taxonomic revision of the *Racomitrium heterostichum* group (Bryophyta, Grimmiaceae) in N. and C. America, N. Africa, Europe and Asia. Gunneria 59.
- Frontiers Ecol. Environm. = Frontiers in Ecology and the Environment.
- Frye, T. C. 1910. The Polytrichaceae of western North America. Proc. Wash. Acad. Sci. 12: 275–281.
- Frye, T. C. 1917–1918. The racomitriums of western North America. Bryologist 20: 91–98; 21: 1–16.
- Frye, T. C. 1920. Notes on useful and harmful mosses. Bryologist 23: 71.

- Frye, T. C. 1937. *Atrichum*. In: A. J. Grout. 1928–1940. Moss Flora of North America, North of Mexico. 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 100–106.
- Frye, T. C. and L. Clark. 1937–1947. Hepaticae of North America. 5 vols. Seattle. [Univ. Wash. Publ. Biol. 6.]
- Fukushima, T. 1979. Koke Kawaraban [Moss Newsletter] 1(1). [N. p.]
- Fukushima, T. 1979b. Koke Kawaraban [Moss Newsletter] 1(2). [N. p.]
- Fukushima, T. 1980. Koke Kawaraban [Moss Newsletter] 2(3). [N. p.]
- Funck, H. C. 1801–1838. Kryptogamische Gewächse des Fichtelgebirg's. 42 vols. Hof and Leipzig. [Each vol. with text and exsiccata.] (Krypt. Gew. Fichtelgeb.)
- Funck, H. C. 1820. Deutschlands Moose. Baireuth. (Deutschl. Moose)
- Funct. Ecol. = Functional Ecology.
- Fund. Hist. Nat. Musc. Frond.—See: J. Hedwig 1782
- Gagnon, Z. E. and D. F. Karnosky. 1992. Physiological response of three species of *Sphagnum* to ozone exposure. *J. Bryol.* 17: 81–91.
- Gallego, M. T., M. J. Cano, R. M. Ros, and J. Guerra. 2006. *Syntrichia*. In: J. Guerra and R. M. Cros. 2006+. Flora Briofítica Ibérica. 1+ vol. Murcia. Vol. 3, pp. 1–31.
- Gams, H. 1934. Beiträge zur Kenntnis der Steppenmoose. *Ann. Bryol.* 7: 37–56.
- Gangulee, H. C. 1969+. Mosses of Eastern India and Adjacent Regions; a Monograph.... 8+ fascs. Calcutta.
- Gao, C. et al., eds. 1999+. Moss Flora of China. 4+ vols. Beijing, New York, and St. Louis.
- Gao, C., D. H. Vitt, D. H. and He S. 1999. Dicranaceae. In: Gao C. et al., eds. Moss Flora of China. 4+ vols. Beijing, New York, and St. Louis. Vol. 1, pp. 90–241.
- Gates, F. C. 1930. Aspen association in northern lower Michigan. *Bot. Gaz.* 90: 233–259.
- Gehrke, C. 1998. Effects of enhanced UV-B radiation on production-related properties of a *Sphagnum fuscum* dominated subarctic bog. *Funct. Ecol.* 12: 940–947.
- Gehrke, C. 1999. Impacts of enhanced ultraviolet-B radiation on mosses in a subarctic heath ecosystem. *Ecology* 80: 1844–1851.
- Gen. Musc. Frond.—See: J. K. A. Müller 1901
- Gen. Pl. ed. 5—See: C. Linnaeus 1754
- Geogr. Moose—See: T. Herzog 1926
- Gerritson, W. 1928. A platter of mosses. *Bryologist* 31: 106–107.
- Gilbert, O. L. 1967. Bryophytes as indicators of air pollution. *J. Ecol.* 55: 56–57.
- Gilbert, O. L. 1968. Bryophytes as indicators of air pollution in the Tyne valley. *New Phytol.* 67: 15–30.
- Gilbert, O. L. 1969. The effects of SO<sub>2</sub> on lichens and bryophytes around Newcastle upon Tyne. In: European Congress on the Influence of Air Pollution.... 1969. Air Pollution: Proceedings of the First European Congress on the Influence of Air Pollution on Plants and Animals. Wageningen. Pp. 223–233.
- Gilbert, O. L. 1989. The Ecology of Urban Habitats. London.
- Gillis, C. 1991. Making a moss garden, an innovative treatment for shady, moist sites. *Fine Gard.* 21: 49–51.
- Glime, J. M., ed. 1988. Methods in Bryology. Nichinan.
- Glime, J. M. and R. E. Keen. 1984. The importance of bryophytes in a man-centered world. *J. Hattori Bot. Lab.* 55: 133–146.
- Glime, J. M. and D. K. Saxena. 1991. Uses of Bryophytes. New Delhi.
- Godman, F. D. 1870. Natural History of the Azores, or Western Islands. London. (Nat. Hist. Azores)
- Goebel, K. 1900–1905. Organography of Plants, Especially of the Archegoniatae and Spermatophyta..., transl. I. B. Balfour, 2 vols. Oxford.
- Goffinet, B. 1997. The Rhachithecaceae: Revised generic circumscription and ordinal affinities. *Bryologist* 100: 425–439.
- Goffinet, B. and W. R. Buck. 2004. Systematics of the Bryophyta (mosses): From molecules to a revised classification. *Monogr. Syst. Bot. Missouri Bot. Gard.* 98: 205–239.
- Gordon, A. G. and E. Gorham. 1963. Ecological aspects of air pollution from an iron-sintering plant in Wawa, Ontario. *Canad. J. Bot.* 41: 1063–1078.
- Granhall, U., ed. 1978. Environmental Role of Nitrogen-fixing Blue-green Algae and Asymbiotic Bacteria. Stockholm. [Ecol. Bull. 26.]
- Granhall, U. and A. V. Hofston. 1976. Nitrogenase activity in relation to intracellular organisms in *Sphagnum* mosses. *Physiol. Pl. (Copenhagen)* 36: 88–94.
- Granhall, U. and T. Lindberg. 1978. Nitrogen fixation in some coniferous forest ecosystems. In: U. Granhall, ed. 1978. Environmental Role of Nitrogen-fixing Blue-green Algae and Asymbiotic Bacteria. Stockholm. Pp. 178–182.
- Granhall, U. and H. Selander. 1973. Nitrogen fixation in a subarctic mire. *Oikos* 24: 8–15.
- Gray, A. 1848. A Manual of the Botany of the Northern United States.... Boston, Cambridge, and London. (Manual)
- Gray, A. 1856. A Manual of the Botany of the Northern United States..., ed. 2. New York. (Manual ed. 2)
- Greven, H. C. 1992. Changes in the Dutch Bryophyte Flora and Air Pollution.... Berlin and Stuttgart.
- Greven, H. C. 1995. *Grimmia* Hedw. (Grimmiaceae, Musci) in Europe. Leiden.
- Greven, H. C. 1997. *Grimmia austro-funalis* C. Müll., a species with a misleading name and a disjunct distribution. *J. Bryol.* 19: 829–832.
- Greven, H. C. 1998. *Grimmia* Hedw. in Iceland, including *Grimmia grisea* Cardot, new to Europe. *Lindbergia* 23: 91–93.
- Greven, H. C. 1999. A synopsis of *Grimmia* in Mexico, including *Grimmia mexicana*, sp. nov. *Bryologist* 102: 426–436.
- Greven, H. C. 2003. *Grimmias of the World*. 1 vol. + CD-ROM. Leiden. (Grimmias)
- Greven, H. C. and T. Spribille. 1999. *Grimmia brittoniae*, a rare moss endemic to northwestern Montana. *Bryologist* 102: 116–118.
- Greville, R. K. [1822–]1823–1828. Scottish Cryptogamic Flora.... 6 vols. in 72 fascs. Edinburgh and London. [Fascs. and plates numbered consecutively.] (Scott. Crypt. Fl.)



- Greville, R. K. 1824. *Flora Edinensis*.... Edinburgh and London. (Fl. Edin.)
- Griffin, D. G. and A. J. Sharp. 1971. *Venturiella sinensis* (Vent.) C. M. var. *angusti-annulata* var. nov., with floristic notes on the type locality. *J. Hattori Bot. Lab.* 34: 398–402.
- Grimmias—See: H. C. Greven 2003
- Grosse-Brauckmann, G. 1979. Major plant remains of moor profiles from the area of a stone-age lakeshore settlement on Lake Duemmer, West Germany. *Phytocoenologia* 6: 106–117.
- Grossnickle, S. C. and T. J. Blake. 1986. Environmental and physiological control of needle conductance for bare-root black spruce, white spruce, and jack pine seedlings on boreal cutover sites. *Canad. J. Bot.* 64: 943–949.
- Grout, A. J. 1902. Note. *Bryologist* 5: 78.
- Grout, A. J. 1928–1940. Moss Flora of North America, North of Mexico. 3 vols. in 12 parts. Newfane, Vt. and New York. [Parts paged consecutively within vols.] (Moss Fl. N. Amer.)
- Grout, A. J. 1931. Mosses in landscape gardening. *Bryologist* 34: 64.
- Grout, A. J. 1939. *Acaulon*. In: A. J. Grout. 1928–1940. Moss Flora of North America, North of Mexico. 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 194–195.
- Grout, A. J. 1943. Fissidentaceae. In: N. L. Britton et al., eds. 1905+. *North American Flora*.... 47+ vols. New York. Vol. 15, pp. 167–202.
- Guerra, J. and M. J. Cano. 2000. A taxonomic contribution on the European cleistocarpous species of Pottiaceae (Musci). *J. Bryol.* 22: 91–97.
- Guerra, J. and R. M. Cros. 2006+. *Flora Briofítica Ibérica*. 1+ vol. Murcia. [Cumulation and revision of series of same title, 2000+.]
- Gulabani, A. 1974. Bryophytes as economic plants. *Botanica (Delhi)* 14: 73–75.
- Gupta, K. G. and B. Singh. 1971. Occurrence of antibacterial activity in moss extracts. *Res. Bull. Punjab Univ., New Ser., Sci.* 22: 237–239.
- Gupta, R. K. 1977. A study of photosynthesis and leakage of solutes in relation to the desiccation effects in bryophytes. *Canad. J. Bot.* 55: 1186–1194.
- Hagen, I. 1909. Forarbejder til en Norsk løvmosflora, IX...XII.... *Kongel. Norske Vidensk. Selsk. Skr. (Trondheim)* 1909(5).
- Haglund, W. A., K. W. Russell, and R. C. Holland. 1981. Moss control in container-grown conifer seedlings. Combination of X77 surfactant and Captan 50W. *Tree Planters' Notes* 32(3): 27–29.
- Hague, S. M. and W. H. Welch. 1951. Observations regarding scarcity of sporophytes in *Bryoxiphium norvegicum*. *Bryologist* 54: 214–215.
- Hampe, G. E. L. 1844. *Icones Muscorum Novorum vel Minus Cognitorum*. Bonn. (Icon. Musc.)
- Hancock, J. A. and G. R. Brassard. 1974. Phenology, sporophyte production and life history of *Buxbaumia aphylla* in Newfoundland, Canada. *Bryologist* 77: 501–513.
- Handb. Skand. Fl. ed. 2—See: C. J. Hartman 1832
- Handb. Skand. Fl. ed. 3—See: C. J. Hartman 1838
- Handb. Skand. Fl. ed. 5—See: C. J. Hartman 1849
- Handb. Skand. Fl. ed. 7—See: C. J. Hartman 1858
- Handb. Skand. Fl. ed. 8—See: C. J. Hartman 1861
- Handb. Skand. Fl. ed. 9—See: C. J. Hartman 1864
- Hannover. Mag. = Hannoverisches Magazin worin kleine Abhandlungen...gesamlet (gesammelt) und aufbewahrt sind.
- Haring, I. M. 1938. *Tortella*. In: A. J. Grout. 1928–1940. Moss Flora of North America, North of Mexico. 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 165–170.
- Haring, I. M. 1961. A checklist of the mosses of the state of Arizona. *Bryologist* 64: 222–240.
- Harper, K. T. and J. R. Marble. 1988. A role for nonvascular plants in management of arid and semiarid rangelands. In: P. T. Tueller, ed. 1988. *Vegetation Science Applications for Rangeland Analysis and Management*. Boston. Pp. 135–169.
- Harrington, A. J. 1985. Mosses by the skinful. In: R. E. Longton and A. R. Perry, eds. 1985. *Proceedings of the Jubilee meeting...1983*. Cardiff. P. 76.
- Hart, J. A. 1981. The ethnobotany of the Northern Cheyenne Indians of Montana. *J. Ethnopharmacol.* 4: 1–55.
- Hartman, C. J. 1832. *Handbok i Skandinaviens Flora*...., ed. 2. Stockholm. (Handb. Skand. Fl. ed. 2)
- Hartman, C. J. 1838. *Handbok i Skandinaviens Flora*...., ed. 3. Stockholm. (Handb. Skand. Fl. ed. 3)
- Hartman, C. J. 1849. *Handbok i Skandinaviens Flora*...., ed. 5. Stockholm. (Handb. Skand. Fl. ed. 5)
- Hartman, C. J. 1858. *Handbok i Skandinaviens Flora*...., ed. 7. Stockholm. (Handb. Skand. Fl. ed. 7)
- Hartman, C. J. 1861. *Handbok i Skandinaviens Flora*...., ed. 8. Stockholm. (Handb. Skand. Fl. ed. 8)
- Hartman, C. J. 1864. *Handbok i Skandinaviens Flora*...., ed. 9. 2 vols. Stockholm. (Handb. Skand. Fl. ed. 9)
- Harvard Pap. Bot. = Harvard Papers in Botany.
- Harvill, A. M. 1950. *Diphyscium cumberlandianum*, a pre-Pliocene relic with palaeotropical affinities. *Bryologist* 53: 277–282.
- Hastings, R. I. 1999. Taxonomy and biogeography of the genus *Coscinodon* (Bryopsida, Grimmiaceae) in North America, including a new species. *Bryologist* 102: 265–286.
- Hastings, R. I. 2002. Biogeography of *Grimmia teretinervis* (Bryopsida, Grimmiaceae) in North America. *Bryologist* 105: 262–266.
- Hastings, R. I. and H. Deguchi. 1997. Taxonomy of *Coscinodon arctolimnius* (Bryopsida, Grimmiaceae) including a new subspecies from Asia. *Bryologist* 100: 50–55.
- Hattori, S. 1963. *Takakia* of North Borneo (1). *J. Jap. Bot.* 38: 215–217.
- Hattori, S. and H. Inoue. 1958. Preliminary report on *Takakia lepidozoides*. *J. Hattori Bot. Lab.* 19: 133–137.
- Hattori, S., Z. Iwatsuki, M. Mizutani, and S. Inoue. 1974. Speciation of *Takakia*. *J. Hattori Bot. Lab.* 38: 115–121.
- Hattori, S., A. J. Sharp, M. Mizutani, and Z. Iwatsuki. 1968. *Takakia ceratophylla* and *T. lepidozoides* of Pacific North America and a short history of the genus. *Misc. Bryol. Lichenol.* 4: 137–149.

- Hawksworth, D. L. and F. Rose. 1970. Qualitative scale for estimating sulphur dioxide air pollution in England and Wales using epiphytic lichen. *Nature* 227: 145–148.
- Hayashi, S. et al. 1977. The smell of liverworts. *Proc. Bryol. Soc. Japan* 2: 38–40.
- Hazardous Waste & Hazardous Mater. = Hazardous Waste & Hazardous Materials.
- He, S. 1998. A checklist of the mosses of Chile. *J. Hattori Bot. Lab.* 85: 103–189.
- Health Phys. = Health Physics.
- Héban, C. 1977. The conducting tissue of bryophytes. *Bryophyt. Biblioth.* 10: 1–157.
- Hébrard, J. Y., L. Foulquier, and A. Grauby. 1972. L'utilisation d'une mousse terrestre (*Grimmia orbicularis* Bruch) comme indicateur de la présence de Manganèse 54, de Caesium 137 et de Strontium 90. *Radioprotection* 7: 159–177.
- Hedenäs, L. 1989. Axillary hairs in pleurocarpous mosses—A comparative study. *Lindbergia* 15: 166–180.
- Hedenäs, L. 1991. Ekonomisk bryologi—En översikt över mossornas praktiska användbarhet. *Svensk Bot. Tidskr.* 85: 347–354.
- Hedwig, J. 1782. *Fundamentum Historiae Naturalis Muscorum Frondosorum*.... 2 vols. Leipzig. (Fund. Hist. Nat. Musc. Frond.)
- Hedwig, J. 1801. *Species Muscorum Frondosorum*.... Leipzig and Paris. (Sp. Musc. Frond.)
- Hegewald, E. 1972. *Dicranum groenlandicum* in Finland. *Memoranda Soc. Fauna Fl. Fenn.* 48: 85–87.
- Heikkilä, R. and T. Lindholm. 2000. Conservation of the biodiversity of mires in Finland. In: L. Rochefort and J.-Y. Daigle, eds. 2000. *Sustaining Our Peatlands: Proceedings of the 11th International Peat Congress*. 2 vols. Shippagan and Jyväskylä. Vol. 2, pp. 1038–1043.
- Herb. Mus. Fenn., Musci—See: J. O. Bomansson and V. F. Brotherus 1894
- Herzog, T. 1926. *Geographie der Moose*.... Jena. (Geogr. Moose)
- Hessler, K. 1822. *De Timmia, Muscorum Frondosorum Genere*. Göttingen. (De Timmia)
- Heyn, C. C. and I. Herrstadt, eds. 2004. *The Bryophyte Flora of Israel and Adjacent Regions*. Jerusalem.
- Heyn, C. C. and I. Herrstadt. 2004b. Bryopsida (Mosses). In: C. C. Heyn and I. Herrstadt, eds. 2004. *The Bryophyte Flora of Israel and Adjacent Regions*. Jerusalem. Pp. 1–520.
- Higuchi, M. and Zhang D. C. 1998. Sporophytes of *Takakia ceratophylla* found in China. *J. Hattori Bot. Lab.* 84: 57–69.
- Hikobia = Hikobia; *Journal of the Hiroshima Botanical Club*.
- Hilferty, F. J. 1960. The mosses of Massachusetts. A county catalogue with annotations. *Rhodora* 62: 145–173.
- Hill, E. J. 1902. *Fissidens grandifrons*. *Bryologist* 5: 56–58.
- Hill, M. O. 1981. New combinations in European mosses. I. Pottiaceae. *J. Bryol.* 11: 599–602.
- Hillier, S. H., D. W. H. Walton, and D. A. Wells, eds. 1990. *Calcareous Grasslands: Ecology and Management*. Huntingdon.
- Hinrichsen, D. 1981. Peat power: Back to bogs. *Ambio* 10: 240–242.
- Hoffman, P. 1992. Born-again moss. *Discover* 13(9): 12.
- Hoffmann, G. F. [1791–1804.] *Deutschland Flora oder botanisches Taschenbuch*.... 4 vols. Erlangen. (Deutschl. Fl.)
- Hohe, A. et al. 2002. Tight control of growth and cell differentiation in photoautotrophically growing moss (*Physcomitrella patens*) bioreactor cultures. *Pl. Cell Rep.* 20: 1135–1140.
- Holarc. Ecol. = Holarctic Ecology.
- Holzinger, J. M. 1904–1929. *Musci Acrocarpi Boreali-Americani*. 27 fascs. Winona. [Exsiccata.] (Musci Acroc. Bor.-Amer.)
- Holzinger, J. M. 1925. *Pottia randii* not a *Pottia*. *Bryologist* 28: 6.
- Holzinger, J. M. 1925b. Dr. Brotherus' treatment of *Dicranum*. *Bryologist* 28: 22.
- Hoof, L. van, D. A. Vanden Berghe, E. Petit, and A. J. Vlietnick. 1981. Antimicrobial and antiviral screening of Bryophyta. *Fitoterapia* 52: 223–229.
- Hooker, J. D. 1844–1847. *Flora Antarctica*. 2 parts in 25 nos. London. [Parts paged consecutively. Constitutes vol. 1 of: Hooker, J. D. 1844–1860. *The Botany of the Antarctic Voyage of H.M. Discovery Ships Erebus and Terror in the Years 1839–1843*.... 3 vols. in 6 parts. London.] (Fl. Antarct.)
- Hooker, W. J. 1818–1820. *Musci Exotici*.... 2 vols. London. [Plates numbered consecutively.] (Musci Exot.)
- Hooker, W. J. and T. Taylor. 1827. *Muscologia Britannica*..., ed. 2. London. (Muscol. Brit. ed. 2)
- Hooker's J. Bot. Kew Gard. Misc. = Hooker's Journal of Botany and Kew Garden Miscellany.
- Horikawa, Y. 1947. A study of the gallnut. *Biosphaera* 1: 106–110.
- Horne, P. and R. R. Ireland. 1991. Moss and a Guanche mummy: An unusual utilization. *Bryologist* 94: 407–408.
- Hornschuch, C. F. [1822–]1824–1828. *Sylloge Plantarum Novarum*.... 2 vols. Regensburg. (Syll. Pl. Nov.)
- Horticulture (Boston) = Horticulture; an Illustrated Journal [later the Magazine (later Art) of American Gardening].
- Horton, D. G. 1982. A revision of the Encalyptaceae (Musci), with particular reference to the North American taxa. Part 1. *J. Hattori Bot. Lab.* 53: 365–418.
- Horton, D. G. 1983. A revision of the Encalyptaceae (Musci), with particular reference to the North American taxa. Part 2. *J. Hattori Bot. Lab.* 54: 353–532.
- Hotson, J. W. 1918. *Sphagnum* as a surgical dressing. *Science*, ser. 2, 48: 203–208.
- Hotson, J. W. 1919. *Sphagnum* from bog to bandage. *Publ. Puget Sound Biol. Sta.* 2: 211–247.
- Hotson, J. W. 1921. *Sphagnum* used as a surgical dressing in Germany during the world war. *Bryologist* 24: 74–78, 89–96.
- House & Gard. = House & Garden.
- Hu, R. L. 1987. *Tai Xian Zhi Wu Xue*. [Bryology.] Shanghai.
- Huebener, J. W. P. 1833. *Muscologia Germanica oder Beschreibung der deutschen Laubmoose*. Leipzig. (Muscol. Germ.)
- Hyvönen, J. 1989. A synopsis of genus *Pogonatum* (Polytrichaceae, Musci). *Acta Bot. Fenn.* 138: 1–87.
- Hyvönen, J. 1990. Bryophyte illustrated on a coin. *Bryologist* 93: 256.

- I. M. J. = I M J; Illinois Medical Journal.
- Ichikawa, T. 1982. Biologically active substances in mosses. *Bryon* 2: 1–2.
- Ichikawa, T. et al. 1983. Novel cyclopentenonyl fatty acids from mosses, *Dicranum scoparium* and *Dicranum japonicum*. *Tetrahedr. Lett.* 24: 3327–3340.
- Icon. Musc.—See: G. E. L. Hampe 1844; W. S. Sullivant 1864–1875
- Icon. Pl. = Icones Plantarum....
- Ignatov, M. S. and E. A. Ignatova. 2001. On the zoochory of *Schistostega pennata* (Schistostegaceae, Musci). *Arctoa* 10: 83–96.
- Ignatov, M. S. and R. H. Zander. 1993. *Barbula amplexifolia* from the Altai Mountains of Russia. *Bryologist* 96: 638–639.
- Ijiri, S. and M. Minato. 1965. *Chikyu no Rekishi*. [History of the Earth.] Tokyo.
- Ikenberry, G. J., C. D. Bird, and W. F. Mahler. 1960. The mosses of Payne County, Oklahoma. *Bryologist* 63: 112–113.
- Ill. Moss Fl. Fennoscand., Musci—See: E. Nyholm 1954–1969
- Index Mus. Pl. Crypt.—See: F. Weber and D. M. H. Mohr 1803
- Inoue, H., ed. 1980. *Koke Engei no Subete*. [All About Moss Horticulture.] Tokyo.
- Int. J. Pl. Sci. = International Journal of Plant Sciences.
- Int. J. Surg. = International Journal of Surgery.
- International Botanical Congress. 1975. Abstracts of the Papers Presented at the XII International Botanical Congress. 2 vols. Leningrad.
- International Botanical Congress [1981.] XIII International Botanical Congress: Sydney, Australia, 21–28 August 1981: Abstracts. [Sydney.]
- International Conference on Environmental Contamination. 1986. Environmental Contamination: 2nd International Conference, Amsterdam, September 1986. Edinburgh.
- International Congress of Scientists on the Human Environment. 1976. Science for Better Environment: Proceedings of the International Congress on the Human Environment (HESC). Tokyo.
- International Peat Congress. 1972. The Proceedings of the 4th International Peat Congress, Otaniemi, Finland, June 25–30, 1972. 5 vols. [Otaniemi.]
- International Peat Congress. 1976. Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw.
- Iowa State Coll. J. Sci. = Iowa State College Journal of Science.
- Ireland, R. R. 1966. *Dicranum pallidisetum* in western North America. *Bryologist* 68: 446–450.
- Ireland, R. R. 1969. Taxonomic studies on the genus *Atrichum* in North America. *Canad. J. Bot.* 47: 353–368.
- Ireland, R. R. 1971. *Atrichum*. In: E. Lawton. 1971. Moss Flora of the Pacific Northwest. Nichinan. Pp. 31–33.
- Ireland, R. R. 1971b. *Dicranum*. In: E. Lawton. 1971. Moss Flora of the Pacific Northwest. Nichinan. Pp. 72–81.
- Ireland, R. R. 1971c. *Funaria*. In: E. Lawton. 1971. Moss Flora of the Pacific Northwest. Nichinan. Pp. 152–154.
- Ireland, R. R. 1976. Alar cells of *Rhacomitrium lawtonae*. *Bryologist* 79: 238–241.
- Ireland, R. R. 1978. *Trichodon* in North America. *Bryologist* 81: 150–154.
- Ireland, R. R. 1980. The taxonomic status of *Ceratodon heterophyllus*. *Bryologist* 83: 234–237.
- Ireland, R. R. 1982. Moss Flora of the Maritime Provinces. Ottawa. [Natl. Mus. Canada, Publ. Bot. 13.]
- Ireland, R. R. 1982b. *Grimmia teretinervis* (Musci: Grimmiaceae) in North America. *Bryologist* 85: 332–334.
- Ireland, R. R. 1989. The moss genus *Dicrantodontium* (Dicranaceae) in Canada. *Canad. J. Bot.* 67: 640–649.
- Ireland, R. R. 1991. Cuticular papillae of *Atrichum crispum*. *Bryologist* 94: 73–76.
- Ireland, R. R. 1993. Scanning microscope study of spores of the genus *Atrichum* (Musci: Polytrichaceae). *J. Hattori Bot. Lab.* 74: 205–217.
- Ireland, R. R. 1994. *Paraleucobryum*. In: A. J. Sharp et al., eds. The moss flora of Mexico. *Mem. New York Bot. Gard.* 69: 147–148.
- Ireland, R. R. 1994b. *Symblepharis*. In: A. J. Sharp et al., eds. The moss flora of Mexico. *Mem. New York Bot. Gard.* 69: 156.
- Ireland, R. R. 1994c. *Cynodontium*. In: A. J. Sharp et al., eds. The moss flora of Mexico. *Mem. New York Bot. Gard.* 69: 153–155.
- Ireland, R. R., G. R. Brassard, W. B. Schofield, and D. H. Vitt. 1987. Checklist of the mosses of Canada II. *Lindbergia* 13: 1–62.
- Ireland, R. R. and H. Robinson. 2001. Taxonomic status of *Ditrichum ambiguum* and *D. tortuloides*. *J. Hattori Bot. Lab.* 91: 277–287.
- Ireland, R. R. and W. B. Schofield. 1967. *Fissidens ventricosus* in North America. *Bryologist* 70: 257–261.
- Ishikawa, I. 1974. Bryophyta in Japanese gardens (2). *Hikobia* 7: 65–78.
- Isoe, S. 1983. Terpene diols. Biological activity and synthetic study. In: Chemical Society of Japan. 1983. 48th Annual Meeting.... Proceedings Papers II. Tokyo. Pp. 849–850.
- Isoviita, P. 1966. Studies on *Sphagnum* L. 1. Nomenclatural revision of the European taxa. *Ann. Bot. Fenn.* 3: 199–264.
- Isoviita, P. 1977. On *Dicranum drummondii* and *D. ontariense* (Musci). *Ann. Bot. Fenn.* 14: 153–156.
- Iwatsuki, Z. and H. Inoue. 1971. *Dare Nimo Wakaru Koke no Subete*. [All About Bryophytes.] Tokyo.
- Iwatsuki, Z. and T. Kodama. 1961. Mosses in Japanese gardens. *Econ. Bot.* 15: 264–269.
- Iwatsuki, Z. and R. A. Pursell. 1980. Axillary hyaline nodes in *Fissidens* (Fissidentaceae). *J. Hattori Bot. Lab.* 48: 329–335.
- Iwatsuki, Z. and A. J. Sharp. 1958. *Molendoa sendtneriana* in the United States. *Bryologist* 61: 356–359.
- Iwatsuki, Z. and T. Suzuki. 1982. A taxonomic revision of the Japanese species of *Fissidens* (Musci). *J. Hattori Bot. Lab.* 51: 329–508.
- J. Alabama Acad. Sci. = Journal of the Alabama Academy of Science.
- J. Amer. Med. Assoc. = Journal of the American Medical Association.
- J. Archaeol. Sci. = Journal of Archaeological Science.

- J. Bot. = Journal of Botany, British and Foreign.
- J. Bot. Agric. = Journal de Botanique, Appliquée à l'Agriculture, à la Pharmacie, à la Médecine et aux Arts.
- J. Bot. (Hooker) = Journal of Botany, (Being a Second Series of the Botanical Miscellany), Containing Figures and Descriptions....
- J. Bot. (Schrader) = Journal für die Botanik. [Edited by H. A. Schrader.] [Volumation indicated by nominal year date and vol. number for that year (1 or 2); e.g. 1800(2).]
- J. Bryol. = Journal of Bryology.
- J. Canad. Med. Assoc. = Journal of the Canadian Medical Association.
- J. Chem. Soc., Perkin Trans. 1 = Journal of the Chemical Society. Perkin Transactions I.
- J. Ecol. = Journal of Ecology.
- J. Elisha Mitchell Sci. Soc. = Journal of the Elisha Mitchell Scientific Society.
- J. Ethnopharmacol. = Journal of Ethnopharmacology; Interdisciplinary Journal Devoted to Bioscientific Research on Indigenous Drugs.
- J. Exp. Bot. = Journal of Experimental Botany; an Official Organ of the Society for Experimental Biology.
- J. Geochem. Explor. = Journal of Geochemical Exploration.
- J. Hattori Bot. Lab. = Journal of the Hattori Botanical Laboratory. [Hattori Shokubutsu Kenkyusho Hokoku.]
- J. Jap. Bot. = Journal of Japanese Botany.
- J. Linn. Soc., Bot. = Journal of the Linnean Society. Botany.
- J. Natl. Cancer Inst. = Journal of the National Cancer Institute: JNCI.
- J. New York Bot. Gard. = Journal of the New York Botanical Garden.
- J. Proc. Linn. Soc., Bot. = Journal of the Proceedings of the Linnean Society. Botany.
- J. Sci. Hiroshima Univ., Ser. B, Div. 2, Bot. = Journal of Science of Hiroshima University: Series B, Division 2 (Botany).
- J. Wash. Acad. Sci. = Journal of the Washington Academy of Sciences.
- Jahrb. Gewächsk. = Jahrbücher der Gewächskunde.
- Jahresber. Schles. Ges. Vaterl. Cult. = Jahresbericht der Schlesischen Gesellschaft für Vaterländische Cultur.
- Janssens, J. A. 1988. Fossil bryophytes and paleoenvironmental reconstruction of peatlands. In: J. M. Glime, ed. 1988. Methods in Bryology. Nichinan. Pp. 299–306.
- Janssens, J. A. and R. H. Zander. 1980. *Leptodontium flexifolium* and *Pseudocrossidium revolutum* as 60,000-year-old subfossils from the Yukon Territory, Canada. Bryologist 83: 486–496.
- Janzen, P. 1916. Die Haube der Laubmoose. Hedwigia 58: 156–280.
- Jap. J. Ecol. = Japanese Journal of Ecology. [Nippon Seitaiakkai-shi.]
- Jennings, O. E. 1913. A Manual of the Mosses of Western Pennsylvania.... Pittsburgh. (Man. Mosses. W. Pennsylvania)
- Jennings, O. E. 1926. Mosses immune to molds. Bryologist 29: 75–76.
- Jennings, O. E. 1951. A Manual of the Mosses of Western Pennsylvania and Adjacent Regions, ed. 2. Notre Dame. [Amer. Midl. Naturalist, Monogr. 6.]
- Jiménez, M. N., R. M. Ros, and J. Guerra. 1990. *Phascum vlassovii* Laz. (Pottiaceae, Musci) en Europa. Anales Jard. Bot. Madrid 47: 234–235.
- Johnson Gottesfeld, L. M. and D. H. Vitt. 1996. The selection of *Sphagnum* for diapers by indigenous North Americans. Evansia 13: 103–108.
- Jones, G. N. 1933. Grimmiaceae. In: A. J. Grout. 1928–1940. Moss Flora of North America, North of Mexico. 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 2, pp. 1–60.
- Juratzka, J. 1882. Die Laubmoosflora von Oesterreich-Ungarn. Vienna. (Laubm.-Fl. Oesterr.-Ung.)
- Kahn, M. R., S. M. Imamual Huq, and M. Hasanuzzaman. 1997. Moss rhizosphere and its microflora. Bangladesh J. Bot. 26: 163–168.
- Kawai, I. 1968. Taxonomic studies on the midrib in Musci. (1) Significance of the midrib in systematic botany. Sci. Rep. Kanazawa Univ., Biol. 13: 127–157.
- Kawai, I. 1989. Systematic studies on the conducting tissues of the gametophyte [sic] in Musci: XVI. Relationships between the anatomical characteristics of the stem and the classification system. Asian J. Pl. Sci. 1: 19–52.
- Kawamoto, T. 1980. Saikai: Living Landscapes in Miniature, pbk. ed. 1. Tokyo and New York.
- Keever, C., H. J. Oosting, and L. E. Anderson. 1951. Plant succession on exposed granite of Rocky Face Mountain, Alexander Co., North Carolina. Bull. Torrey Bot. Club 78: 401–421.
- Keizer, P. J., B. F. van Tooren, and H. J. During. 1985. Effects of bryophytes on seedling emergence and establishment of short-lived forbs in chalk grassland. J. Ecol. 73: 493–504.
- Ketchledge, E. H. 1980. Revised checklist of the mosses of New York State. Bull. New York State Mus. Sci. Serv. 440.
- Kienitz-Gerloff, F. 1878. Untersuchungen über die Entwicklungs-geschichte der Laubmooskapsel und die Embryoentwicklung einiger Polypodiaceen. Bot. Zeitung (Berlin) 36: 33–64.
- Kiger, R. W. and D. M. Porter. 2001. Categorical Glossary for the Flora of North America Project. Pittsburgh.
- Kindberg, N. C. 1897–1898. European and N. American Bryineae (Mosses)... 2 parts. Linköping. [Parts paged consecutively.] (Eur. N. Amer. Bryin.)
- Kirschbaum, U., R. Klee, and L. Steubing. 1971. Flechten als Indikatoren für die Immissionsbelastung im Stadtgebiet von Frankfurt/M. Staub Reinhalt. Luft 31: 21–24.
- Klinger, L. F., S. A. Elias, V. M. Behan-Pelletier, and N. E. Williams. 1990. The bog climax hypothesis: Fossil arthropod and stratigraphic evidence in peat sections from southeast Alaska, USA. Holarc. Ecol. 13: 72–80.
- Klinggräff, H. E. M. von. 1880. Versuch einer topographischen Flora der Provinz Westpreussen.... Danzig. (Vers. Topogr. Fl. Westpreuss.)
- Klößing, R., K.-D. Thiel, and M. Sprössig. 1976. Antiviral activity of humic acids from peat water. In: International Peat Congress. 1976. Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw. Vol. 1, pp. 446–455.



- Knight, D. 1991. Growing threats to peat.... *New Sci.* 131: 27–32.
- Koldewey, K., M. K. A. Lindeman, and G. Hartlaub, eds. 1873–1874. *Die zweite Deutsche Nordpolarfahrt in den Jahren 1869 und 1870....* 2 vols. in 4. Leipzig. (Zweite Deutsche Nordpolarfahrt)
- Kongel. Norske Vidensk. Selsk. Skr. (Trondheim) = Kongelige Norske Videnskabers Selskabs Skrifter.
- Kongl. Svenska Vetensk. Acad. Handl. = Kongl[iga]. Svenska Vetenskaps Akademiens Handlingar.
- Kongl. Vetensk. Acad. Handl. = Kongl[iga]. Vetenskaps Akademiens Handlingar.
- Konopka, A. S., P. S. Herendeen, Gary L. Smith, and P. R. Crane. 1997. Sporophytes and gametophytes of Polytrichaceae from the Campanian (Late Cretaceous) of Georgia, United States. *Int. J. Pl. Sci.* 158: 489–499.
- Koponen, A. 1981. Splachnobryaceae, a new moss family. *Ann. Bot. Fenn.* 18: 123–132.
- Koponen, T. J., P. Isoviita, and T. Lammes. 1977. The Bryophytes of Finland: An Annotated Checklist. Helsinki. [Fl. Fenn. 6.]
- Krypt. Gew. Fichtelgeb.—See: H. C. Funck 1801–1838
- Krypt.-Fl. ed. 2.—See: G. L. Rabenhorst et al. [1880–]1884[–1920]
- Krypt.-Fl. Brandenburg—See: C. Warnstorff et al. [1902]1903–1957
- Krypt.-Fl. Schlesien—See: F. J. Cohn 1876–1908
- Kučera, J. and H. Köckinger. 2000. The identity of *Grimmia andreaeoides* Limpr. and *Didymodon subandreaeoides* (Kindberg) R. H. Zander. *J. Bryol.* 22: 49–54.
- Kulikov, N. V., N. V. Bochenina, and I. V. Molchanova. 1976. Characteristics of accumulation of Strontium-90 and Cesium-137 by certain species of moss. *Soviet J. Ecol.* 6: 552–554.
- Kungl. Svenska Vetenskapsakad. Avh. Naturskyddsärenden = Kungliga Svenska Vetenskapsakademiens Avhandlingar i Naturskyddsärenden.
- Kuntze, O. 1891–1898. *Revisio Generum Plantarum Vascularium Omnium atque Cellularium Multarum....* 3 vols. Leipzig etc. [Vol. 3 in 3 parts paged independently; parts 1 and 3 unnumbered.] (Revis. Gen. Pl.)
- La Farge, C. 1996. Growth form, branching pattern, and perichaetial position in mosses: Cladocarp and pleurocarpy redefined. *Bryologist* 99: 170–186.
- La Farge, C. et al. 2000. Phylogenetic relationships within the haplolepideous mosses. *Bryologist* 103: 257–276.
- LaCroix, J. J. 1996. Phenolics from *Fontinalis antipyretica* Hedw. and Light as Causes of Differential Distribution of *Asellus militaris* Hay in Gooseneck Creek. M.S. thesis. Michigan Technological University.
- Lamarck, J. and A. P. de Candolle. 1805[–1815]. *Flore Française, ou Descriptions Succinctes de Toutes les Plantes Qui Croissent Naturellement en France....*, ed. 3. 5 tomes in 6 vols. Paris. [Tomes 1–4(2), 1805; tome 5, 1815.] (Fl. Franç. ed. 3)
- Lampton, R. K. 1970. Mosses of Georgia. A check list of species which have been collected within the state. *Bull. Georgia Acad. Sci.* 28: 81–98.
- Laubm. Deutschl.—See: K. G. Limpricht [1885–]1890–1903
- Laubm. Eur.—See: W. Mönkemeyer 1927
- Laubm. Eur. Monogr.—See: P. Bruch and W. P. Schimper 1835
- Laubm. Fennoskand.—See: V. F. Brotherus 1923
- Laubm.-Fl. Oesterr.-Ung.—See: J. Juratzka 1882
- Lawton, E. 1953. *Lorentziella*, a moss genus new to North America. *Bull. Torrey Bot. Club* 80: 279–288.
- Lawton, E. 1961. A revision of the genus *Rhabdoweisia*. *Bryologist* 64: 140–156.
- Lawton, E. 1971. Moss Flora of the Pacific Northwest. Nichinan. (Moss Fl. Pacif. N.W.)
- Lawton, E. 1972. The genus *Racomitrium* in America and Japan. *J. Hattori Bot. Lab.* 35: 252–262.
- Leafl. W. Bot. = Leaflets of Western Botany.
- LeBlanc, F. 1969. Epiphytes and air pollution. In: *European Congress on the Influence of Air Pollution....* 1969. *Air Pollution: Proceedings of the First European Congress on the Influence of Air Pollution on Plants and Animals.* Wageningen. Pp. 211–221.
- LeBlanc, F., G. Comeau, and D. N. Rao. 1971. Fluoride injury symptoms in epiphytic lichens and mosses. *Canad. J. Bot.* 49: 1691–1698.
- LeBlanc, F. and D. N. Rao. 1973. Effects of sulphur dioxide on lichen and moss transplants. *Ecology* 54: 612–617.
- LeBlanc, F., D. N. Rao, and G. Comeau. 1972. The epiphytic vegetation of *Populus balsamifera* and its significance as an air pollution indicator in Sudbury, Ontario. *Canad. J. Bot.* 50: 519–528.
- Lee, C. K. and K. S. Low. 1987. The removal of cationic dyes by a natural moss: I. Adsorption studies. *Pertanika J. Trop. Agric. Sci.* 10: 327–334.
- Lee, J. A. et al. 1998. Effects of ozone and atmospheric nitrogen deposition on bryophytes. In: J. W. Bates et al., eds. 1998. *Bryology for the Twenty-first Century.* Leeds. Pp. 331–341.
- Leiberg, J. B. 1893. Two new species of mosses from Idaho. *Bull. Torrey Bot. Club* 20: 113–115.
- Leitgeb, H. 1869. Beiträge zur Entwicklungsgeschichte der Pflanzenorgane. III. Wachstum des Stämmchens und Entwicklung der Antheridien bei *Sphagnum*. *Sitzungsber. Kaiserl. Akad. Wiss., Wien, Math.-Naturwiss. Cl., Abt. 1*, 59: 294–320.
- Lemmon, B. E. 1965. A recent collection of *Fissidens neonii*. *Bryologist* 69: 325–331.
- Lemmon, B. E. 1966. *Fissidens hyalinus* in Louisiana. *Bryologist* 69: 241–243.
- Lesquereux, C. L. and T. P. James. 1884. *Manual of the Mosses of North America....* Boston. (Man.)
- Lewis, M. 1981. Human uses of bryophytes I. Use of mosses for chinking log structures in Alaska. *Bryologist* 84: 571–572.
- Li, X. J., He S., and Z. Iwatsuki. 2001. Pottiaceae. In: Gao C. et al., eds. *Moss Flora of China.* 4+ vols. Beijing, New York, and St. Louis. Vol. 2, pp. 114–249.
- Liao, P. H., A. T. Vizcarra, A. Chen, and K. V. Lo. 1995. A comparison of different bulking agents for the composting of fish offal. *Compost Sci. Utiliz.* 3(2): 80–86.
- Ligrone, R. R. et al. 1982. Gametophyte and sporophyte ultrastructure in *Buxbaumia piperi* (Buxbaumiaceae, Musci). *J. Hattori Bot. Lab.* 52: 465–499.

- Limpricht, K. G. [1885–]1890–1903. Die Laubmoose Deutschlands, Oesterreichs und der Schweiz. 3 vols. in 41 parts. Leipzig. [Vols. (“Abtheilungen”) paged independently, parts numbered consecutively.] (Laubm. Deutschl.)
- Lindberg, S. O. 1868. Observationes de formis praesertim europaeis Polytrichoidearum (Bryacearum nematodontearum). Not. Sällsk. Fauna Fl. Fenn. Förh. 9: 91–158.
- Lindberg, S. O. 1878. Utkast till en Naturlig Gruppering af Europas Bladmossor.... Helsinki. (Utkast Eur. Bladmoss.)
- Lindberg, S. O. 1879. Musci Scandinavici.... Uppsala. (Musc. Scand.)
- Lindberg, S. O. 1882. Europas och Nord Amerikas Hvitmossor.... Helsinki. (Eur. Hvitmoss.)
- Lindbergia = Lindbergia; a Journal Published by the Nordic Bryological Society and the Dutch Bryological Society.
- Lindstrom, O. 1980. The technology of peat. *Ambio* 9: 309–313.
- Linnaea = Linnaea. Ein Journal für die Botanik in ihrem ganzen Umfange.
- Linnaeus, C. 1753. *Species Plantarum*.... 2 vols. Stockholm. (Sp. Pl.)
- Linnaeus, C. 1754. *Genera Plantarum*, ed. 5. Stockholm. (Gen. Pl. ed. 5)
- Linnaeus, C. 1779. *Travels*, ed. D. Black. New York.
- Lisa, D. 1837. *Elenco dei Muschi Raccolti nei Contorni de Torino*.... Turin. (Elenc. Musch.)
- Loeske, L. 1910. *Studien zur vergleichenden Morphologie und phylogenetischen Systematik der Laubmoose*. Berlin. (Stud. Morph. Laubm.)
- Loeske, L. 1913–1914. *Die Laubmoose Europas*.... 2 parts. Berlin. [Parts paged independently.]
- London J. Bot. = London Journal of Botany.
- Long, D. G. 1979. A reassessment of the systematic position of *Tortula stanfordensis* Steere and *T. khartoumensis*. *J. Bryol.* 10: 377–381.
- Long, D. G. 1985. Polytrichaceae. In: G. S. Mogensen, ed. *Illustrated moss flora of arctic North America and Greenland*. 1. Meddel. Grønland, Biosci. 17: 9–57.
- Longton, R. E. and A. R. Perry, eds. 1985. *Proceedings of the Jubilee meeting...1983*. Cardiff.
- Lorch, W. 1931. *Anatomie der Laubmoose*. Berlin. [Handb. Pflanzenanat. 7/1.]
- Lorentz, P. G. 1864. *Moosstudien*.... Leipzig. (Moosstudien)
- Löve, Á. and D. Löve. 1953. Studies on *Bryoxiphium*. *Bryologist* 56: 73–94, 183–203.
- Löve, D., J. Kucyniak, and D. Gordon. 1958. A plant collection from interior Quebec. *Naturaliste Canad.* 85: 25–69.
- Low, K. S., C. K. Lee, S. T. Loi, and A. Phoon. 1985. The use of the moss, *Calymperes delessertii* Besch., as a bioindicator to airborne heavy metals. *Pertanika J. Trop. Agric. Sci.* 8: 109–114.
- Lundstrom, H. 1968. Luftfororeningars inverkan på epifytfloran hos barrträd i Stockholmsområdet. *Stud. Forest. Suec.* 56: 1–55.
- Macoun, J. and N. C. Kindberg. 1892. *Catalogue of Canadian Plants*. Part VI. Musci. Montréal. (Cat. Canad. Pl., Musci)
- Madroño = Madroño; Journal of the California Botanical Society [from vol. 3: a West American Journal of Botany].
- Madsen, G. C. and A. L. Pates. 1952. Occurrence of antimicrobial substances in chlorophyllose plants growing in Florida. *Bot. Gaz.* 113: 293–300.
- Mag. Encycl. = Magazin Encyclopédique, ou Journal des Sciences, des Lettres et des Arts.
- Magill, R. E. 1977. A reexamination of *Globulinella* (Musci: Pottiaceae). *Bryologist* 80: 76–82.
- Magill, R. E., ed. 1990. *Glossarium polyglottum bryologiae*. A multilingual glossary for bryology. *Monogr. Syst. Bot. Missouri Bot. Gard.* 33.
- Magombo, Z. L. K. 2003. Taxonomic revision of the moss family Diphysciaceae M. Fleisch. (Musci). *J. Hattori Bot. Lab.* 94: 1–86.
- Mahler, B. D. and W. F. Mahler. 1980. Checklist of mosses of Oklahoma. *Bryologist* 83: 202–208.
- Maier, E. M. 2002. The genus *Grimmia* (Musci, Grimmiaceae) in the Himalaya. *Candollea* 57: 143–238.
- Man.—See: C. L. Lesquereux and T. P. James 1884
- Man. Mosses. W. Pennsylvania—See: O. E. Jennings 1913
- Manierre, W. R. 1998. *Gyroweisia reflexa*, a moss new for the United States. *Evansia* 15: 30–31.
- Manual—See: A. Gray 1848
- Manual ed. 2—See: A. Gray 1856
- Manzoku, T. 1963. *Seibutsuki*. [Stories of Animals and Plants.] Tokyo.
- Margadant, W. D. 1973. Proposal for the conservation of the generic name *Pleuridium* Rabenh. (1848) against *Pleuridium* Brid. (1819) (Musci). *Taxon* 22: 691–694.
- Markert, B. and V. Weckert. 1989. Use of *Polytrichum formosum* (moss) as a passive biomonitor for heavy metal pollution (cadmium, copper, lead, and zinc). *Sci. Total Environm.* 86: 289–294.
- Mårtensson, O. and A. Berggren. 1954. Some notes on the ecology of the “copper mosses.” *Oikos* 5: 99–100.
- Martin, J. L. et al., eds. 1984. *Flora and Groupings of Lower Plants in Natural and Anthropogenous Extreme Environment Conditions*. Tallinn.
- Martínez-A., J. E. Núñez-O., and M. Sánchez-D. 1993. Effects of organic pollution on transplanted aquatic bryophytes. *J. Bryol.* 17: 553–566.
- Martius, C. F. P. von, A. W. Eichler, and I. Urban, eds. 1840–1906. *Flora Brasiliensis*. 15 vols. in 40 parts, 130 fascs. Munich, Vienna, and Leipzig. [Vol. and parts numbered in systematic sequence, fascs. numbered independently in chronological sequence.] (Fl. Bras.)
- Maschke, J. 1981. Moose als Bioindikatoren von Schwermetall-immissionen: Eine Übersicht der bereits untersuchten lokalen und regionalen Gegiete. *Vaduz*.
- Massie, H. 1996. Roll out the green carpet. *Amer. Nurseryman* 193: 32–37.
- Mathieu, C. M. J. 1853–1855. *Flore Générale de Belgique*.... 2 vols. + suppl. Brussels, Leipzig, and Gand. (Fl. Gén. Belgique)
- Matsui, T., H. Deguchi, and R. D. Seppelt. 1985. *Ditrichum lineare* (Sw.) Lindb., with tubers in Asia. *J. Jap. Bot.* 60: 33–39.
- Matsui, T. and Z. Iwatsuki. 1990. A taxonomic revision of the family Ditrichaceae (Musci) of Japan, Korea and Taiwan. *J. Hattori Bot. Lab.* 68: 317–366.

- Matsuo, A. et al. 1980. Structure of three novel sesquiterpene aldehydes, (-)-isobicyclgermacrenal, (-)-lepidozenal, and (+)-vitrenal, displaying plant growth inhibitory effect from the liverwort *Lepidozia vitrea*. In: 23rd Symposium on Chemistry of Natural Products. 1980. Papers. Tokyo. Pp. 420–427.
- Matsuo, A. et al. 1981. C NMR chemical shifts of ovalifoliene and related compounds with 2,3-secoalloaromadendrane skeleton. Structure of (+)-9 alpha-acetoxyovalifoliene, a plant growth inhibitor. *Phytochemistry* 20: 1065–1068.
- Matsuo, A. et al. 1981b. Structures of *ent*-2,3-secoalloaromadendrane sesquiterpenoids, which have plant-growth-inhibitory activity, from *Plagiochila semidecurrrens* (liverwort). *J. Chem. Soc., Perkin Trans. 1*, 1981(1): 2816–2824.
- Matsuo, A. et al. 1981c. Plant growth inhibitors isolated from the liverwort *Plagiochila ovalifolia*. *Chem. Industr. Chem.* 34: 665–670.
- Matsuo, A. et al. 1981d. (-)-Lepidozenal, a sesquiterpenoid with a novel trans-fused bicyclo[8.1.0] undecane system from the liverwort *Lepidozia vitrea*. *Chem. Lett.* 1981: 1097–1100.
- Matsuo, A. et al. 1982. Structure and biological activity of several sesquiterpenoids having a novel herbertane skeleton from the liverwort *Herberta adunca*. In: 25th Symposium on Chemistry of Natural Products. 1982. Papers. Tokyo. Pp. 242–249.
- Matsuo, A. et al. 1982b. Three new sesquiterpene phenols of the *ent*-herbertane class from the liverwort *Herberta adunca*. *Chem. Lett.* 1982: 463–466.
- Matsuo, A. et al. 1984. Structures and conformation of (-)-isobicyclgermacrenal and 9(-)-lepidozenal, two key sesquiterpenoids of the *cis*- and *trans*-10,3-bicyclic ring system, from the liverwort *Lepidozia vitrea*. *J. Chem. Soc., Perkin Trans. 1*, 1984(2): 203–214.
- Matsuo, A. and K. Nadaya. 1987. Plant growth inhibitors in the liverwort *Lepidozia vitrea*. *Hikobia* 10: 77–81.
- Matsuo, A., M. Nakayama, and S. Hayashi. 1971. Aromatic esters from the liverwort *Isotachis japonica*. *Z. Naturf., B* 26: 1023–1025.
- Matsuo, A., S. Yuki, and M. Nakayama. 1983. (-)-Herbertenediol and (-)-herbertenolide, two new sesquiterpenoids of the *ent*-herbertane class from the liverwort *Herberta adunca*. *Chem. Lett.* 1983: 1041–1042.
- McCain, W. H. and W. F. Buell. 1968. Primary pulmonary sporotrichosis in Illinois. *I. M. J.* 131: 155–258.
- McCleary, J. A. and P. L. Redfearn Jr. 1979. Checklist of the mosses of Illinois. *Trans. Illinois State Acad. Sci.* 72: 28–51.
- McCleary, J. A., P. S. Syphred, and D. L. Walkington. 1960. Mosses as possible source of antibiotics. *Science, ser. 2*, 131: 108.
- McCleary, J. A. and D. L. Walkington. 1966. Mosses and antibiosis. *Rev. Bryol. Lichénol.* 34: 309–314.
- McClymont, J. W. and D. A. Larson. 1964. An electron-microscopic study of spore wall structure in the Musci. *Amer. J. Bot.* 51: 195–200.
- McDowell, J., ed. 1968. *Sunset Ideas for Japanese Gardens*. Menlo Park.
- McIntosh, T. T. 1989. Bryophyte records from the semiarid steppe of northwestern North America, including four species new to North America. *Bryologist* 92: 356–362.
- McQueen, C. B. 1988. Growth and development of *Sphagnum subtile* protonemata. *Evansia* 5: 17–21.
- McQueen, C. B. 1989. A biosystematic study of *Sphagnum capillifolium* sensu lato. *Bryologist* 92: 1–24.
- McQueen, C. B. 1990. *Field Guide to the Peat Mosses of Boreal North America*. London.
- Meddel. Grønland = Meddelelser om Grønland, af Kommissionen for Ledelsen af de Geologiske og Geografiske Undersøgelser i Grønland.
- Meddel. Grønland, Biosci. = Meddelelser om Grønland. Bioscience.
- Melnichuk, V. M. 1970. Classification Key of the Frondiferous Mosses of the Central and South Regions of the European USSR. Kiev.
- Mem. Amer. Acad. Arts = Memoirs of the American Academy of Arts and Science.
- Mem. Calif. Acad. Sci. = Memoirs of the California Academy of Sciences.
- Mem. Gakugei Fac. Akita Univ., Nat. Sci. = Memoirs of Gakugei Faculty, Akita University. Natural Science. [Akita Daigaku Gakugei Gakubu Kenkyu Kiyo. Shizen Kagaku.]
- Mém. Hist. Nat. Sphaignes—See: W. P. Schimper 1857
- Mem. New York Bot. Gard. = Memoirs of the New York Botanical Garden.
- Mem. Reale Accad. Sci. Torino = Memorie della Reale Accademia delle Scienze di Torino
- Mem. Soc. Cub. Hist. Nat. “Felipe Poey” = Memorias de la Sociedad Cubana de Historia Natural “Felipe Poey.”
- Mém. Soc. Linn. Paris = Mémoires de la Société Linnéenne de Paris, Précédés de Son Histoire.
- Mém. Soc. Mus. Hist. Nat. Strasbourg = Mémoires de la Société du Muséum d’Histoire Naturelle de Strasbourg.
- Mém. Soc. Natl. Sci. Nat. Cherbourg = Mémoires de la Société Nationale des Sciences Naturelles de Cherbourg.
- Mém. Soc. Sci. Nat. Math. Cherbourg = Mémoires de la Société des Sciences Naturelles et Mathématiques de Cherbourg.
- Mem. Torrey Bot. Club = Memoirs of the Torrey Botanical Club.
- Memoranda Soc. Fauna Fl. Fenn. = Memoranda Societatis pro Fauna et Flora Fennica.
- Merriam-Webster. 1988. *Webster’s New Geographical Dictionary*. Springfield, Mass.
- Michaux, A. 1803. *Flora Boreali-Americana....* 2 vols. Paris and Strasbourg. (Fl. Bor.-Amer.)
- Michigan Bot. = Michigan Botanist.
- Milde, C. 1869. *Bryologia Silesiaca*. Leipzig. (Bryol. Siles.)
- Miles, C. J. and R. E. Longton. 1990. The role of spores in reproduction in mosses. *Bot. J. Linn. Soc.* 104: 149–173.
- Miller, H. and N. G. Miller. 1979. Mark ye the bryophytes. *Horticulture (Boston)*, n. s. 57(1): 40–47.
- Miller, H. A. and A. J. Harrington. 1977. *Microtheciaceae*, fam. nov. *J. Bryol.* 9: 519–524.
- Miller, N. G. 1981. Bogs, bales, and BTU’s: A primer on peat. *Horticulture (Boston)*, n. s. 59(4): 38–45.

- Miller, N. G. 1987. Phytogeography and paleoecology of a late Pleistocene moss assemblage from northern Vermont. *Mem. New York Bot. Gard.* 45: 242–258.
- Miller, N. G. 1993. New late-Pleistocene moss assemblages from New England, U.S.A., and their bearing on the migrational history of the North American moss flora. *J. Hattori Bot. Lab.* 74: 235–248.
- Milwaukee J. = Milwaukee Journal.
- Min, L. Y. and R. E. Longton. 1993. Mosses and the production of Chinese gallnuts. *J. Bryol.* 17: 421–430.
- Mining Geol. = Mining Geology. [Kozan Chishitsu.]
- Misc. Bryol. Lichenol. = *Miscellanea Bryologica et Lichenologica*. [Sentai Chii Zappo.]
- Mishler, B. D. 1994. *Tortula*. In: A. J. Sharp et al., eds. The moss flora of Mexico. *Mem. New York Bot. Gard.* 69: 319–350.
- Mishler, B. D. and N. G. Miller. 1983. Distributional studies of Massachusetts bryophytes. *Rhodora* 85: 421–432.
- Mitchell, J. C. and A. Rook. 1979. *Botanical Dermatology: Plants and Plant Products Injurious to the Skin*. Vancouver.
- Mitchell, J. C., W. B. Schofield, B. Singh, and G. H. N. Towers. 1969. Allergy to *Frullania*, allergic contact dermatitis occurring in forest workers caused by exposure to *Frullania nisquallensis*. *Arch. Dermatol.* 100: 46–49.
- Mitt. Thüring. Bot. Ges. = *Mitteilungen der Thüringischen Botanischen Gesellschaft*.
- Mizutani, M. 1961. On taste of some mosses. *Misc. Bryol. Lichenol.* 2: 100.
- Mizutani, M. 1963. “Leaves” of imitation water-flowers. *Misc. Bryol. Lichenol.* 3: 60.
- Mizutani, M. 1975. How to make nice moss carpets. 1. *Proc. Bryol. Soc. Japan* 1: 134–136.
- Mizutani, M. 1976. How to make nice moss carpets. 2. *Proc. Bryol. Soc. Japan* 1: 148–151.
- Mogensen, G. S. 1978. Spore development and germination in *Cinclidium* (Mniaceae, Bryophyta), with special reference to spore mortality and false anisospory. *Canad. J. Bot.* 56: 1032–1060.
- Mogensen, G. S. 1980. *Cnestrum alpestre*, with notes on the nomenclature of *Dicranum alpestre* Wahlenb. *Lindbergia* 6: 118–120.
- Mogensen, G. S. 1981. The biological significance of morphological characters in bryophytes: The spore. *Bryologist* 84: 187–207.
- Mogensen, G. S. 1983. The spore. In: R. M. Schuster, ed. 1983–1984. *New Manual of Bryology*. 2 vols. Nichinan. Vol. 1, pp. 325–342.
- Mogensen, G. S. and W. C. Steere. 1979. The taxonomic position of *Cynodontium glaucescens* (Lindb. et Arn.) Kindb. (Dicranaceae, Musci). *Lindbergia* 5: 19–24.
- Mogensen, G. S. and R. H. Zander. 1999. Four moss species new to Greenland: *Barbula amplexifolia*, *Didymodon brachyphyllus*, *D. michiganensis*, and *Gyroweisia tenuis* (Pottiaceae, Musci). *Lindbergia* 24: 77–83.
- Mohr, D. M. H. 1803. *Observationes Botanicae*.... Kiel. (Observ. Bot.)
- Möller, H. A. 1929. A revision of some new species and varieties of *Rhacomitrium* described by N. C. Kindberg from North America. *Rev. Bryol.* 56: 82–86.
- Mönkemeyer, W. 1927. *Die Laubmoose Europas* iv. Band Ergänzungsband *Andreaeales–Bryales*.... 3 parts. Leipzig. [Parts paged consecutively.] (Laubm. Eur.)
- Monogr. Syst. Bot. Missouri Bot. Gard. = *Monographs in Systematic Botany from the Missouri Botanical Garden*.
- Montagne, J. P. F. C. 1856. *Sylloge Generum Specierumque Cryptogamarum*.... Paris and London. (Syll. Gen. Sp. Crypt.)
- Monthly Rev. = *The Monthly Review, or, Literary Journal*.
- Moosstudien—See: P. G. Lorentz 1864
- Moss Fl. N. Amer.—See: A. J. Grout 1928–1940
- Moss Fl. Pacif. N.W.—See: E. Lawton 1971
- Mosses E. N. Amer.—See: H. A. Crum and L. E. Anderson 1981
- Mougeot, J. B. et al. 1810–1890. *Stirpes Cryptogamae Vogeso-Rhenanae*.... 16 fascs. Bruyères. [Exsiccata.] (Stirp. Crypt. Vogeso-Rhen.)
- Mouvet, C., P. Cordebar, B. Gallissot, and P. Roger. 1986. The use of aquatic mosses to monitor micropollutants such as cadmium and PCB's. In: *International Conference on Environmental Contamination*. 1986. *Environmental Contamination: 2nd International Conference, Amsterdam, September 1986*. Edinburgh. Pp. 115–119.
- Mouvet, C., M. Galoux, and A. Bernes. 1985. Monitoring of polychlorinated biphenyls (PCBs) and hexachlorocyclohexanes (HCH) in freshwater using the aquatic moss *Cinclidotus danubicus*. *Sci. Total Environm.* 44: 253–267.
- Mueller, D. M. J. and A. J. Neumann. 1988. Peristome structure and the regulation of spore release in arthrodontous mosses. *Advances Bryol.* 3: 135–158.
- Müller, J. K. A. [1848–]1849–1851. *Synopsis Muscorum Frondosorum*.... 2 parts in 10 fascs. Berlin. [Fasc. paged consecutively within parts.] (Syn. Musc. Frond.)
- Müller, J. K. A. 1901. *Genera Muscorum Frondosorum*. Leipzig. (Gen. Musc. Frond.)
- Müller, P. 1987. A review of the Paraleucobryoideae (Dicranaceae). *Nova Hedwigia* 45: 283–314.
- Muñoz, J. 1998. Materials toward a revision of *Grimmia* (Musci, Grimmiaceae): Nomenclature and taxonomy of *Grimmia longirostris*. *Ann. Missouri Bot. Gard.* 85: 352–363.
- Muñoz, J. 1998b. A taxonomic revision of *Grimmia* subgenus *Orthogrimmia* (Musci, Grimmiaceae). *Ann. Missouri Bot. Gard.* 85: 367–403.
- Muñoz, J. 1998c. Amended description of *Coscinodon calyptratus* (Grimmiaceae) and major range extensions into Eurasia and New Zealand. *Bryologist* 101: 89–92.
- Muñoz, J. 1999. A revision of *Grimmia* (Musci, Grimmiaceae) in the Americas. 1: Latin America. *Ann. Missouri Bot. Gard.* 86: 118–191.
- Muñoz, J. 1999b. *Grimmia arcuatifolia* and *G. leibergii* (Musci, Grimmiaceae), two neglected species from northwestern North America. *Anales Jard. Bot. Madrid* 57: 7–13.
- Muñoz, J. 2000. New synonyms in *Grimmia* (Grimmiaceae). *J. Bryol.* 22: 99–102.
- Muñoz, J. and F. Pando. 2000. A world synopsis of the genus *Grimmia*. *Monogr. Syst. Bot. Missouri Bot. Gard.* 83.



- Murray, B. M. 1984. A revision of the monotypic genera *Indusiella*, *Aligrimmia* and *Coscinodontella* (Musci: Grimmiaceae), with comments on convergent xeromorphological features. *Bryologist* 87: 24–36.
- Murray, B. M. 1987. Andraeobryaceae–Tetraphidaceae. In: G. S. Mogensen, ed. *Illustrated moss flora of arctic North America and Greenland*. 3. Meddel. Grønland, Biosci. 23: 3–36.
- Murray, B. M. 1988. Systematics of the Andraeopsida (Bryophyta): Two orders with links to *Takakia*. *Beih. Nova Hedwigia* 90: 289–336.
- Murray, B. M. 1988b. The genus *Andraea* in Britain and Ireland. *J. Bryol.* 15: 17–82.
- Murray, B. M. 1992. Bryophyte flora of Alaskan steppes. *Bryobrothera* 1: 9–33.
- Musc. Allegh.—See: W. S. Sullivant 1846
- Musc. Amer.—See: T. Drummond 1828
- Musc. Amer. S. States—See: W. M. Wilson and W. J. Hooker 1841
- Musc. Bor.-Amer.—See: W. S. Sullivant and C. L. Lesquereux 1856[1857]
- Musc. Bor.-Amer. ed. 2—See: W. S. Sullivant and C. L. Lesquereux 1865
- Musc. Buitenzorg—See: M. Fleischer 1900–1922
- Musc. Hepat. U.S.—See: W. S. Sullivant 1856b
- Musc. Scand.—See: S. O. Lindberg 1879
- Musc. Scot.—See: T. Drummond 1824–1825
- Musci Acroc. Bor.-Amer.—See: J. M. Holzinger 1904–1929
- Musci Appalach.—See: C. F. Austin 1870
- Musci Exot.—See: W. J. Hooker 1818–1820
- Musci Ital.—See: G. De Notaris 1862
- Musci Pyren.—See: R. Spruce 1847
- Muscol. Brit. ed. 2—See: W. J. Hooker and T. Taylor 1827
- Muscol. Germ.—See: J. W. P. Huebener 1833
- Muscol. Hibern. Spic.—See: D. Turner 1804
- Muscol. Ital. Spic.—See: G. De Notaris 1837
- Muscol. Recent.—See: S. É. von Bridel 1797–1818
- N. Amer. Fl.—See: N. L. Britton et al. 1905+
- Nash, E. H. 1972. Effect of Effluents from a Zinc Smelter on Mosses. Ph.D. dissertation. Rutgers University.
- Nash, T. H. and E. H. Nash. 1974. Sensitivity of mosses to sulfur dioxide. *Oecologia* 17: 257–263.
- Nat. Avon = Nature in Avon; the Proceedings of the Bristol Naturalists' Society.
- Nat. Hist. Azores—See: F. D. Godman 1870
- Nat. Pflanzenfam.—See: H. G. A. Engler and K. Prantl 1887–1915
- Nat. Pflanzenfam. ed. 2—See: H. G. A. Engler et al. 1924+
- Naturaliste Canad. = Naturaliste Canadien. Bulletin de Recherches, Observations et Découvertes se Rapportant à l'Histoire Naturelle du Canada.
- Nature = Nature; a Weekly Illustrated Journal of Science.
- Nees, C. G. D., C. F. Hornschuch, and J. Sturm. 1823–1831. *Bryologica Germanica, oder Beschreibung der in Deutschland und in der Schweiz wachsenden Laubmoose...* 2 vols. in 3. Nuremberg. (Bryol. Germ.)
- Nehira, K. 1983. Spore germination, protonema development and sporeling development. In: R. M. Schuster, ed. 1983–1984. *New Manual of Bryology*. 2 vols. Nichinan. Vol. 1, pp. 343–385.
- Neidhart, H. V. 1979. Comparative studies of sporogenesis in bryophytes. In: G. C. S. Clarke and J. G. Duckett, eds. 1979. *Bryophyte Systematics*. London and New York. Pp. 251–280.
- Nelson, T. C. and I. W. Carpenter. 1965. The use of moss in the decorative industry. *Econ. Bot.* 19: 70.
- Neue Entd.—See: K. Sprengel 1820–1822
- Neues Bot. Taschenb. Anfänger Wiss. Apothekerkunst = Neues botanisches Taschenbuch für die Anfänger dieser Wissenschaft und der Apothekerkunst.
- Neumann, A. J. 1972. Observations on the morphology and biology of the moss *Tortula vectensis* E. Warb. & Crundw. in Louisiana. *Bryologist* 75: 580–583.
- New England J. Med. = The New England Journal of Medicine.
- New Phytol. = New Phytologist; a British Botanical Journal.
- New Sci. = New Scientist.
- New Zealand Forest. = New Zealand Forestry.
- New Zealand J. Bot. = New Zealand Journal of Botany.
- Newton, M. E. 1983. Natural variation and diagnostic characters in *Gymnostomum*, *Anoetangium* and *Molendoa*. *J. Bryol.* 12: 343–349.
- Nichols, G. E. 1918. The vegetation of northern Cape Breton Island, Nova Scotia. *Trans. Connecticut Acad. Arts* 22: 249–467.
- Nichols, G. E. 1918b. The American Red Cross wants information regarding supplies of surgical *Sphagnum*. *Bryologist* 21: 81–83.
- Nichols, G. E. 1918c. War work for bryologists. *Bryologist* 21: 53–56.
- Nichols, G. E. 1918d. The *Sphagnum* moss and its use in surgical dressings. *J. New York Bot. Gard.* 19: 203–220.
- Nichols, G. E. 1920. *Sphagnum* moss; war substitute for cotton in absorbent surgical dressings. Rep. (Annual) U.S. Natl. Mus. 1918: 221–234.
- Nichols, G. E. 1937. *Polytrichum* and *Pogonatum* species of the eastern United States. *Bryologist* 40: 1–10.
- Nichols, H. 1969. The late Quaternary history of vegetation and climate at Porcupine Mountain and Clearwater Bog, Manitoba. *Arctic Alpine Res.* 1: 155–167.
- Niemi, R., P. J. Martikainen, J. Silvola, and T. Holopainen. 2002. Ozone effects on *Sphagnum* mosses, carbon dioxide exchange and methane emission in boreal peatland microcosms. *Sci. Total Environm.* 289: 1–12.
- Noguchi, A. 1952. On some mosses found among the ancient Japanese silk-clothes. *J. Jap. Bot.* 27: 361.
- Noguchi, A. and Z. Iwatsuki. 1987+. *Illustrated Moss Flora of Japan*. 5+ parts. Nichinan.
- Nomencl. Bot.—See: E. G. Steudel 1821–1824
- Norris, D. H. and J. R. Shevock. 2004. Contributions toward a bryoflora of California. I. ...II. *Madroño* 51: 1–131, 133–269.
- Not. Sällsk. Fauna Fl. Fenn. Förh. = Notiser ur Sällskapet pro Fauna et Flora Fennica Förhandlingar.
- Nouv. Ann. Mus. Hist. Nat. = Nouvelles Annales du Muséum d'Histoire Naturelle.
- Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur. = Nova Acta Academiae Caesareae Leopoldino-Carolinae Germanicae Naturae Curiosorum.

- Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. = Nova Acta Physico-medica Academiae Caesareae Leopoldino-Carolinae Naturae Curiosorum Exhibentia Ephemerides, sive Observationes Historias et Experimenta....
- Nova Acta Regiae Soc. Sci. Upsal. = Nova Acta Regiae Societatis Scientiarum Upsaliensis.
- Nova Hedwigia = Nova Hedwigia. Zeitschrift für Kryptogamenkunde.
- Novon = Novon; a Journal for Botanical Nomenclature.
- Novosti Sist. Nizsh. Rast. = Novosti Sistematiki Nizshikh Rastenii.
- Novotný, I. 1996. Variability and distribution of *Ditrichum flexicaule* sensu lato in the Czech and Slovak republics. Čas. Morav. Mus. Brně, Vědy Přír. 81: 157–192.
- Numata, M., ed. 1975. Studies in Urban Ecosystems. Chiba.
- Numata, M., ed. 1980. Integrated Ecological Studies in Bay-coast Cities II. Chiba.
- Nuovo Giorn. Bot. Ital. = Nuovo Giornale Botanico Italiano.
- Nya Bot. Not. = Nya Botaniska Notiser för År...
- Nyholm, E. 1953. Bryologiska notiser. Bot. Not. 1953: 290–300.
- Nyholm, E. 1954–1969. Illustrated Moss Flora of Fennoscandia II: Musci. 1 vol. in 6 nos. Lund. (Ill. Moss Fl. Fennoscand., Musci)
- Nyholm, E. 1971. Studies in the genus *Atrichum* P. Beauv. A short survey of the genus and species. Lindbergia 1: 1–33.
- Nyholm, E. 1986+. Illustrated Flora of Nordic Mosses. 4+ fascs. Lund.
- Nyt Mag. Naturvidensk. = Nyt Magazin for Naturvidenskaberne; Grundlagt af den Physiographiske Forening i Christiania.
- Observ. Bot.—See: D. M. H. Mohr 1803
- Ochyra, R. 1993. Two new species of *Grimmia* from New Zealand. Fragm. Florist. Geobot., suppl. 2: 219–227.
- Ochyra, R. 1999. Antipodal mosses: X. The status of *Dichodontium brasiliense* and *D. opacifolium* (Dicranaceae). Fragm. Florist. Geobot. 44: 227–232.
- Ochyra, R. and R. I. Lewis-Smith. 1996. Antipodal mosses: VI. *Stegonia latifolia* (Musci, Pottiaceae) in the Antarctic. Fragm. Florist. Geobot. 41: 985–994.
- Ochyra, R., J. Żarnowiec, and H. Bednarek-Ochyra. 2003. Census Catalogue of Polish Mosses. Cracow. (Cens. Cat. Polish Mosses)
- Oechel, W. C. and B. Sveinbjornsson. 1978. Primary production processes in arctic bryophytes at Barrow, Alaska. In: L. L. Tieszen, ed. 1978. Vegetation and Production of Alaskan Arctic Tundra. New York. Pp. 269–298.
- Oesterr. Bot. Z. = Oesterreichische botanische Zeitschrift. Gemeinütziges Organ für Botanik.
- Öfvers. Finska Vetensk.-Soc. Förh. = Öfversigt af Finska Vetenskaps-Societetens Förhandlingar.
- Öfvers. Kongl. Vetensk.-Akad. Förh. = Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar.
- Ohio J. Sci. = Ohio Journal of Science.
- Ohta, Y., N. H. Andersen, and Liu C. B. 1977. Sesquiterpene constituents of two liverworts of genus *Diplophyllum*. Novel eudesmanolides and cytotoxicity studies for enantiomeric methylene lactones. Tetrahedron 33: 617–628.
- Oikos = Oikos; Acta Oecologica Scandinavica.
- Oosting, H. J. and L. E. Anderson. 1937. The vegetation of a barefaced cliff in western North Carolina. Ecology 18: 280–292.
- Oosting, H. J. and L. E. Anderson. 1939. Plant succession on granite rocks in eastern North Carolina. Bot. Gaz. 100: 750–768.
- Orbán, S. and W. D. Reese. 1990. *Syrrhopodon prolifer* (Musci: Calymperaceae): A world view. Bryologist 93: 438–444.
- Organization for Flora Neotropica. 1968+. Flora Neotropica. 98+ nos. New York. (Fl. Neotrop.)
- Osada, T. 1958. On the habitats of *Eucladium verticillatum*. Misc. Bryol. Lichenol. 15: 3.
- Osada, T. 1965. Japanese Polytrichaceae. I. Introduction and the genus *Pogonatum*. J. Hattori Bot. Lab. 28: 171–201.
- Otnyukova, T. N. 2002. A study of the *Didymodon* species (Pottiaceae, Musci) in Russia. I. Species with caducous leaves. Arctoa 11: 337–349.
- Ottawa Naturalist = Ottawa Naturalist; Transactions of the Ottawa Field-Naturalists' Club.
- Pacif. Railr. Rep.—See: War Department 1855–1860
- Padberg, M. and J.-P. Frahm. 1985. Monographie der Gattung *Atractylocarpus* Mitt. (Dicranaceae). Cryptog. Bryol. Lichénol. 6: 315–341.
- Padhye, A. A. and L. Ajello. 1990. Sporotrichosis—An occupational hazard for nursery workers, tree planters and orchid growers. Amer. Orchid Soc. Bull. 59: 613–616.
- Painter, T. J. 1991. Lindow Man, Tollund Man and other peat-bog bodies: The preservative and antimicrobial action of sphagnum, a reactive glycuronoglycan with tanning and sequestering properties. Carbohydr. Polymers 15: 123–142.
- Pakarinen, P. 1977. Element contents of *Sphagna*: Variation and its sources. Bryophyt. Biblioth. 13: 751–762.
- Palisot de Beauvois, A. 1805. Prodrome des Cinquième et Sixième Familles de l'Aethéogamie. Les Mousses. Les Lycopodes. Paris. (Prodr. Aethéogam.)
- Pant, G. B. 1989. Exploration of the Bryophytic Vegetation of Districts Almora and Pithoragarh (Kumaon Himalaya), Project Completion Report. Dehra Dun.
- Pant, G. B. and S. D. Tewari. 1989. Various human uses of bryophytes in the Kumaon region of Northwest Himalaya. Bryologist 92: 120–122.
- Pant, G. B. and S. D. Tewari. 1990. Bryophytes and mankind. Ethnobotany 2: 97–103.
- Pant, G. B., S. D. Tewari, M. C. Pargaien, and L. S. Bisht. 1986. Bryological activities in North-West Himalaya—II. A bryophyte foray in the Askot region of District Pithoragarh (Kumaon Himalaya). Bryol. Times 39: 2–3.
- Parker, S. P., ed. 1982. Synopsis and Classification of Living Organisms. 2 vols. New York.
- Pates, A. L. and G. C. Madsen. 1955. Occurrence of antimicrobial substances in chlorophyllose plants growing in Florida. II. Bot. Gaz. 116: 250–261.

- Paton, J. A. and J. V. Pearce. 1957. The occurrence, structure and function of the stomata in British bryophytes. *Trans. Brit. Bryol. Soc.* 3: 228–259.
- Patterson, E., S. B. Boles, and A. J. Shaw. 1998. Nuclear ribosomal DNA variation in *Leucobryum glaucum* and *L. albidum* (Leucobryaceae): A preliminary investigation. *Bryologist* 101: 272–277.
- Pavletic, Z. and B. Stilinovic. 1963. Untersuchungen über die antibiotische Wirkung von Moosextrakten auf einige Bakterien. *Acta Bot. Croat.* 22: 133–139.
- Perin, F. 1962. Woodland mosses—A little-used growing medium. *Amer. Orchid Soc. Bull.* 31: 988.
- Perry, D. 1987. As cities crumble, plants may be at the root of it. *Smithsonian* 17(10): 72–78.
- Persson, H. 1956. Studies in “copper mosses.” *J. Hattori Bot. Lab.* 17: 1–18.
- Pertanika J. Trop. Agric. Sci. = Pertanika Journal of Tropical Agricultural Science.
- Petersen, R. L., A. Bosley, and J. Rebbeck. 1999. Oxone stimulates protonematal growth and gametophore production in *Polytrichum commune*. *Bryologist* 102: 398–403.
- Peterson, W. L. 1977. *Dicranum ontariense* Peterson: A new name for a North American endemic moss. *Canad. J. Bot.* 55: 986–991.
- Peterson, W. L. 1979. A Revision of the Genera *Dicranum* and *Orthodicranum* (Musci) in North America North of Mexico. Ph.D. thesis. University of Alberta.
- Peterson, W. L. 1994. Leucobryaceae. In: A. J. Sharp et al., eds. *The moss flora of Mexico*. *Mem. New York Bot. Gard.* 69: 169–186.
- Peterson, W. L. and J. M. Mayo. 1975. Moisture stress and its effect on photosynthesis in *Dicranum polysetum*. *Canad. J. Bot.* 53: 2897–2900.
- Peterson, W. L. and A. J. Sharp. 1980. *Leucobryum incurvifolium* in the United States. *Bryologist* 83: 370–371.
- Pflanzenr.—See: H. G. A. Engler 1900–1953
- Philipp. J. Sci. = Philippine Journal of Science.
- Philos. Trans. Roy. Soc. London = Philosophical Transactions of the Royal Society of London.
- Physiol. Pl. (Copenhagen) = Physiologia Plantarum.
- Phytocoenologia = Phytocoenologia; Journal of the International Society for Plant Geography and Ecology.
- Phytologia = Phytologia; Designed to Expedite Botanical Publication.
- Pl. Biol. (Stuttgart) = Plant Biology. [Stuttgart.]
- Pl. Cell Rep. = Plant Cell Reports.
- Pl. Med. (Stuttgart) = Planta Medica. Zeitschrift für Arzneipflanzenanwendung und Arzneipflanzenforschung [subtitle varies]. [Supplement to: Hippocrates.]
- Pl. Syst. Evol. = Plant Systematics and Evolution.
- Podpěra, J. 1954. *Conspectus Muscorum Europaeorum*. Prague. (Consp. Musc. Eur.)
- Polar Biol. = Polar Biology.
- Poliakov, I. A., A. M. Leontev, and L. K. Melnikov. 1962. Contribution to Sr<sup>90</sup> fallouts in the medium latitudes of the USSR. *Pochvovéděnie* 1962(11): 45–50.
- Polsk. Arch. Hydrobiol. = Polskie Archiwum Hydrobiologii.
- Poots, V. J. P., G. McKay, and J. J. Healy. 1976. The removal of acid dye from effluent using natural adsorbents—I. *Peat. Water Res.* 10: 1061–1066.
- Porter, Ced. L. 1937. *The Bryophytes of Wyoming*. Ph.D. dissertation. University of Washington.
- Porter, J. B. 1917. *Sphagnum* surgical dressings. *Int. J. Surg.* 30: 129–135.
- Posth, M. A. 1993. Put a green engine on the roof. *Calif. Builder* 1993(Apr./May): 21–21.
- Potter, L., J. P. Foot, J. M. Caporn, and J. A. Lee. 1996. Responses of four *Sphagnum* species to acute ozone fumigation. *J. Bryol.* 19: 19–32.
- Powell, K. E. et al. 1978. Cutaneous sporotrichosis in forestry workers. *J. Amer. Med. Assoc.* 240: 232–235.
- Prigg, R. F. and G. B. J. Dussart. 1980. *Biological Survey of Coledale Beck Relative to the Impact of Force Crag Mine with a General Commentary on Heavy Metal Pollution*. Carlisk. [N. W. Water Auth. River Div., Rep. BN 63 (6180).]
- Prins, H. H. T. 1981. Why are mosses eaten in cold environments only? *Oikos* 38: 374–380.
- Proc. Acad. Nat. Sci. Philadelphia = Proceedings of the Academy of Natural Sciences of Philadelphia.
- Proc. Bryol. Soc. Japan = Proceedings of the Bryological Society of Japan. [Nihon Sentai-rui Gakkai Kaiho.]
- Proc. Indiana Acad. Sci. = Proceedings of the Indiana Academy of Science.
- Proc. Montana Acad. Sci. = Proceedings of the Montana Academy of Sciences.
- Proc. Wash. Acad. Sci. = Proceedings of the Washington Academy of Sciences.
- Proctor, M. C. F. 1977. Evidence on the carbon nutrition of moss sporophytes from <sup>14</sup>CO<sub>2</sub> uptake and the subsequent movement of labeled assimilate. *J. Bryol.* 9: 375–386.
- Proctor, M. C. F. 1979. Surface wax on the leaves of some mosses. *J. Bryol.* 10: 531–538.
- Proctor, M. C. F. 1981. Physiological ecology of bryophytes. *Advances Bryol.* 1: 79–166.
- Proctor, M. C. F. 1984. Structure and ecological adaptation. In: A. F. Dyer and J. G. Duckett, eds. 1984. *The Experimental Biology of Bryophytes*. London etc. Pp. 9–37.
- Prodr. Aethéogam.—See: A. Palisot de Beauvois 1805
- Prodr. Fl. Bat.—See: R. B. van den Bosch et al. 1850–1866
- Prodr. Fl. Starg. Suppl.—See: C. F. Schultz 1819
- Pryce, R. J. 1972. Metabolism of lunularic acid to a new plant stilbene by *Lunularis cruciata*. *Phytochemistry* 11: 1355–1364.
- Publ. Puget Sound Biol. Sta. = Publications of the Puget Sound Biological Station of the University of Washington.
- Pursell, R. A. 1994. Erpodiaceae. In: A. J. Sharp et al., eds. *The moss flora of Mexico*. *Mem. New York Bot. Gard.* 69: 581–588.
- Pursell, R. A. 1994b. Taxonomic notes on neotropical *Fissidens*. *Bryologist* 97: 253–271.
- Pursell, R. A. 1997. A comparison of *Fissidens obtusifolius* and *F. sublimbatus*. *J. Hattori Bot. Lab.* 82: 203–212.
- Pursell, R. A. 2003. The taxonomic status of *Fissidens clebschii*. *Evansia* 20: 102–103.

- Pursell, R. A. and B. H. Allen. 1994. A re-evaluation of *Fissidens* subgenus *Pachyfissidens*, with a detailed discussion of *Fissidens grandifrons* and *F. geijskesii*. J. Hattori Bot. Lab. 75: 15–22.
- Pursell, R. A. and B. H. Allen. 2002. Erpodiaceae. In: B. H. Allen, ed. Moss flora of Central America. Part 2. Monogr. Syst. Bot. Missouri Bot. Gard. 90: 523–531.
- Pursell, R. A. and M. A. Bruggeman-Nannenga. 2004. A revision of the infrageneric taxa of *Fissidens*. Bryologist 107: 1–20.
- Rabenhorst, G. L. 1844–1848. Deutschlands Kryptogamen-Flora.... 2 vols. Leipzig. [Vol. 2 in 3 parts paged independently.] (Deutschl. Krypt.-Fl.)
- Rabenhorst, G. L. 1858–1884. Bryotheca Europaea. 29 fascs. Dresden. [Exsiccata.] (Bryotheca Eur.)
- Rabenhorst, G. L. et al. [1880–]1884[–1920]. Kryptogamen-Flora von Deutschland, Oesterreich und der Schweiz, ed. 2. 14 vols. in divisions and parts. Leipzig. [Vol. divisions (Abtheilungen) paged independently, parts (Lieferungen) paged consecutively.] (Krypt.-Fl. ed. 2)
- Radforth, N. W. and C. O. Brawner, eds. 1977. Muskeg and the Northern Environment in Canada. Toronto and Buffalo.
- Radioprotection = Radioprotection; Revue de la Société Française de Radioprotection.
- Raeymaekers, G. 1987. Effects of simulated acidic rain and lead on the biomass, nutrient status, and heavy metal content of *Pleurozium schreberi* (Brid.) Mitt. J. Hattori Bot. Lab. 63: 219–230.
- Ramsay, H. P. 1979. Anisospory and sexual dimorphism in the Musci. In: G. C. S. Clarke and J. G. Duckett, eds. 1979. Bryophyte Systematics. London and New York. Pp. 281–316.
- Rao, D. L. N. and R. G. Burns. 1990. Use of blue-green algae and bryophyte biomass as a source of nitrogen for oil-seed rape. Biol. Fertil. Soils 10: 61–64.
- Rao, D. N. 1982. Responses of bryophytes to air pollution. In: A. J. E. Smith, ed. 1982. Bryophyte Ecology. London and New York. Pp. 445–472.
- Rao, D. N. and F. LeBlanc. 1967. Influence of an iron-sintering plant on corticolous epiphytes in Wawa, Ontario. Bryologist 70: 141–157.
- Rao, D. N., G. Robitaille, and F. LeBlanc. 1977. Influence of heavy metal pollution on lichens and bryophytes. J. Hattori Bot. Lab. 42: 213–239.
- Rasmussen, L. 1977. Epiphytic bryophytes as indicators of the changes in the background levels of airborne metals from 1951–75. Environm. Pollut. 14: 37–45.
- Reclam. Reveg. Res. = Reclamation and Revegetation Research.
- Redfearn, P. L. Jr. 1969. Bryophytes of the Interior Highlands XIV. *Tortella mollissima* new to North America. Bryologist 72: 60.
- Redfearn, P. L. Jr. 1991. *Gymnostomiella* (Musci: Pottiaceae) in the Neotropics and eastern Asia. Bryologist 94: 392–395.
- Redfearn, P. L. Jr. 2001. Checklist of the Mosses of the Interior Highlands of North America in Arkansas, Illinois, Missouri and Oklahoma. Springfield, Mo.
- Reese, W. D. 1959. *Syrrhopodon parasiticus* in the southern United States. Bryologist 62: 182–186.
- Reese, W. D. 1967. The discovery of *Tortula vectensis* in North America. Bryologist 70: 112–114.
- Reese, W. D. 1984b. Reproductivity, fertility and range of *Syrrhopodon texanus* Sull., a North American endemic. Bryologist 87: 217–222.
- Reese, W. D. 1987. World ranges, implications for patterns of historical dispersal and speciation, and comments on phylogeny of *Syrrhopodon* (Calymperaceae). Mem. New York Bot. Gard. 45: 426–445.
- Reese, W. D. 1987b. *Calymperes* (Musci: Calymperaceae): World ranges, implications for patterns of historical dispersal and speciation, and comments on phylogeny. Brittonia 39: 225–237.
- Reese, W. D. 1988. Rhizoid gemmae in *Weissia controversa*. Bryologist 91: 184–185.
- Reese, W. D. 1991. *Weissia (Hymenostomum) flavescens* new to the United States. Bryologist 94: 179–180.
- Reese, W. D. 1993. Calymperaceae. In: Organization for Flora Neotropica. 1968+. Flora Neotropica. 98+ nos. New York. No. 58.
- Reese, W. D. and B. E. Lemmon. 1965. A natural hybrid between *Weissia* and *Astomum* and notes on the nomenclature of North American species of *Astomum*. Bryologist 68: 277–283.
- Reese, W. D. and S. Orbán. 1986. *Syrrhopodon incompletus* Schwaegr. var. *incompletus* (Musci: Calymperaceae) disjunct between the Americas and Africa. Bryologist 89: 213–214.
- Reese, W. D. and R. H. Zander. 1988. Comparison of Calymperaceae with Pottiaceae. Bryologist 91: 18–20.
- Reichenbach, H. G. L. 1828. Conspectus Regni Vegetabilis.... Leipzig. (Consp. Regn. Veg.)
- Reise Glockner—See: J. A. Schultes 1804
- Renaud, F. and J. Cardot. 1889. New mosses of North America. II. Bot. Gaz. 14: 91–100.
- Renzaglia, K. S., K. D. McFarland, and D. K. Smith. 1997. Anatomy and ultrastructure of the sporophyte of *Takakia ceratophylla* (Bryophyta). Amer. J. Bot. 84: 1337–1350.
- Rep. (Annual) U.S. Natl. Mus. = Report (Annual) of the United States National Museum [Smithsonian Institution].
- Rep. Canad. Arct. Exped., Moss.—See: R. S. Williams 1921
- Res. Bull. Punjab Univ., New Ser., Sci. = Research Bulletin of the Punjab University. New Series: Science.
- Rev. Bryol. = Revue Bryologique; Recueil Trimestriel Consacré à l'Étude des Mousses et des Hépatiques.
- Rev. Bryol. Lichénol. = Revue Bryologique et Lichénologique.
- Revis. Gen. Pl.—See: O. Kuntze 1891–1898
- Rhodora = Rhodora; Journal of the New England Botanical Club.
- Richards, P. W. 1932. Ecology. In: F. Verdoorn, ed. 1932. Manual of Bryology. The Hague. Pp. 367–395.
- Richardson, D. H. S. 1981. The Biology of Mosses. New York.
- Rieley, J. O., P. W. Richards, and A. D. L. Bebbington. 1979. The ecological role of bryophytes in a North Wales woodland. J. Ecol. 67: 497–527.
- Risk, A. C. 2002. The distribution, commonness, and habitat characteristics of *Fissidens hyalinus* in the United States. Bryologist 105: 43–47.



- Risse, S. 1985. Rhizoidal tubers on *Ditrichum heteromallum* (Hedw.) Britt. *J. Bryol.* 13: 527–531.
- Risse, S. 1991. *Pleuridium palustre*, an overlooked species of the bryoflora of Japan. *Hikobia* 11: 43–45.
- Roberts, B. A., L. K. Thompson, and S. S. Sidhu. 1979. Terrestrial bryophytes as indicators of fluoride emission from a phosphorus plant, Long Harbor, Newfoundland, Canada. *Canad. J. Bot.* 57: 1583–1590.
- Robertson, R. A., ed. 1968. Second International Peat Congress, Leningrad, USSR, 1963: Transactions. 2 vols. Edinburgh.
- Robinson, G. D. 1981. Adsorption of Cu, Zn and Pb near sulphide deposits by hydrous manganese-iron oxide coatings on stream alluvium. *Chem. Geol.* 33: 65–79.
- Robinson, H. 1966. New or little known mosses from the eastern United States. *Bryologist* 69: 105–109.
- Robinson, H. 1970. A revision of the moss genus *Trichostomopsis*. *Phytologia* 20: 184–191.
- Robinson, H. 1985. The structure and significance of the leucobryaceous leaf. *Monogr. Syst. Bot. Missouri Bot. Gard.* 11: 111–120.
- Robinson, H. 1990. A functional evolution of the Leucobryaceae. *Trop. Bryol.* 2: 223–237.
- Robinson, H. and C. F. Reed. 1987. Notes on the distribution of the *Bartleya* expression of *Dicranella cerviculata* in Appalachian coal fields. *Bryologist* 90: 43–44.
- Rocheffort, L. 2000. New frontiers in bryology and lichenology. *Sphagnum*—A keystone genus in habitat restoration. *Bryologist* 103: 503–508.
- Rocheffort, L. and J.-Y. Daigle, eds. 2000. Sustaining Our Peatlands: Proceedings of the 11th International Peat Congress. 2 vols. Shippagan and Jyväskylä.
- Romanova, E. A. 1965. The vegetation cover as an indicator of ground-water level in upland bogs. In: A. G. Chikishev, ed. 1965. *Plant Indicators of Soil, Rocks and Subsurface Water*. New York. Pp. 81–85.
- Ros, R. M., J. Guerra, and M. J. Cano. 1994. *Pottia xandalusica* (Musci: Pottiaceae), un híbrido interespecífico en Pottiaceae. *Cryptog. Bryol. Lichénol.* 15: 199–204.
- Rosenberg, N. 1988. Malady traced to state moss. *Milwaukee J.* 1988(1 Nov.): sect. B, 1.
- Roth, G. [1903–]1904–1905. Die europäischen Laubmoose.... 2 vols. in 11 parts. Leipzig. [Vols. paged independently, parts (Lieferungen) numbered consecutively.] (Eur. Laubm.)
- Rozmej, Z. and A. Kwiatkowski. 1976. The sorption of waste waters on the peats. In: International Peat Congress. 1976. Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw. Vol. 1, pp. 372–378.
- Rudenko, S. I. 1970. Frozen Tombs of Siberia: The Pazyryk Burials of Iron-age Horsemen, transl. M. W. Thompson. Berkeley.
- Ruel, M. et al. 1977. Industrial utilization of peat moss. In: N. W. Radforth and C. O. Brawner, eds. 1977. *Muskeg and the Northern Environment in Canada*. Toronto and Buffalo. Pp. 221–246.
- Rühling, A. and G. Tyler. 1970. Sorption and retention of heavy metals in the woodland moss *Hylocomium splendens* (Hedw.) Br. et Sch. *Oikos* 21: 92–97.
- Rushing, A. E. 1985. Spore morphology in the genus *Bruchia* Schwaegr. (Musci). *Amer. J. Bot.* 72: 75–85.
- Rushing, A. E. 1986. A revision of the genus *Bruchia* Schwaegr. (Musci). *J. Hattori Bot. Lab.* 60: 35–83.
- Rushing, A. E. and J. A. Snider. 1980. Observations on sporophyte development in *Lorentziella imbricata* (Mitt.) Broth. *J. Hattori Bot. Lab.* 47: 35–44.
- Russow, E. 1865. Beiträge zur Kenntniss der Torfmoose.... Tartu. [Preprinted from Arch. Naturk. Liv- Ehist-Kurlands, Ser. 2, Biol. Naturk. 7(1): 83–162. 1867.] (Beitr. Torfm.)
- Rütten, D. and K. A. Santarius. 1992. Cryoprotection of *Plagiomnium affine* induced by various natural and artificial substances. *Canad. J. Bot.* 71: 793–798.
- S. Liv. = Southern Living.
- Sainsbury, G. O. K. 1945. New and critical species of New Zealand mosses. *Trans. & Proc. Roy. Soc. New Zealand* 75(2): 169–186.
- Saito, K. 1972. Gemmae formation on rhizoids of *Eucladium verticillatum*. *Misc. Bryol. Lichenol.* 6: 41–42.
- Saito, K. 1972b. Taxonomic and phytogeographic studies of specimens previously reported as *Molendoa sendtneriana*. *J. Hattori Bot. Lab.* 36: 163–170.
- Saito, K. 1973. Taxonomic position of the genus *Neohyophila* Crum. *Misc. Bryol. Lichenol.* 6: 80–81.
- Saito, K. 1973b. Framed art work with mosses. *Proc. Bryol. Soc. Japan* 1: 36–37.
- Saito, K. 1975. A monograph of Japanese Pottiaceae (Musci). *J. Hattori Bot. Lab.* 39: 373–537.
- Saito, K. and T. Hiroshama. 1974. A comparative study of the spores of taxa in the Pottiaceae by use of the scanning electron microscope. *J. Hattori Bot. Lab.* 38: 475–488.
- Salmon, E. S. 1898. A revision of the genus *Symblepharis*, Montagne. *J. Linn. Soc., Bot.* 33: 486–501.
- Salmon, E. S. 1899. On the genus *Fissidens*. *Ann. Bot.* (Oxford) 13: 103–130.
- Samecka-Cymerman, A. 1983. The effect of phenol on aquatic mosses *Fontinalis antipyretica* L. and *Platyhypnidium rusciforme* (Neck.) Fleisch. in cultures. *Polsk. Arch. Hydrobiol.* 30: 141–147.
- Samml. Deut. Laubm.—See: G. E. W. Crome 1803–1806
- Satake, K. et al. 1989b. Lead accumulation and location in the shoots of the aquatic liverwort *Scapania undulata* (L.) Dum. in stream water at Greenside Mine, England. *Aquatic Bot.* 33: 111–122.
- Satake, K., M. Nishikawa, and K. Shibata. 1989. Distribution of aquatic bryophytes in relation to water chemistry of the acid river Akagawa, Japan. *Arch. Hydrobiol.* 116: 299–311.
- Savicz-Lubitskaya, L. I. and Z. N. Smirnova. 1968. Manual of Sphagnum Mosses of the USSR. Leningrad.
- Savicz-Lubitskaya, L. I. and Z. N. Smirnova. 1970. The Handbook of the Mosses in the U.S.S.R. Leningrad.
- Saxena, D. 1981. Role of *Anthoceros* as a bio-fertilizer. In: International Botanical Congress. [1981.] XIII International Botanical Congress: Sydney, Australia, 21–28 August 1981: Abstracts. [Sydney.] P. 292.
- Sayre, G. 1951. The identity of *Grimmia ovalis* and *Grimmia commutata*. *Bryologist* 54: 91–94.
- Sayre, G. 1952. Key to the species of *Grimmia* in North America. *Bryologist* 55: 251–259.

- Scand. J. Forest Res. = Scandinavian Journal of Forest Research.
- Schimper, W. P. 1856. *Corollarium Bryologiae Europaeae*.... Stuttgart. (Coroll. Bryol. Eur.)
- Schimper, W. P. 1857. Mémoire pour Servir à l'Histoire Naturelle des Sphaignes.... Paris. [Preprinted from Mém. Divers Savants Acad. Roy. Sci. Inst. Roy. France, Sci. Math. 15: 1–67. 1857.] (Mém. Hist. Nat. Sphaignes)
- Schimper, W. P. 1858. Versuch einer Entwicklungs-Geschichte der Torfmoose.... Stuttgart. (Vers. Entw.-Gesch. Torfm.)
- Schimper, W. P. 1860. *Synopsis Muscorum Europaeorum*.... Stuttgart. (Syn. Musc. Eur.)
- Schimper, W. P. 1876. *Synopsis Muscorum Europaeorum*..., ed. 2. 2 vols. Stuttgart. (Syn. Musc. Eur. ed. 2)
- Schleicher, J. C. 1807[1808]. *Catalogus Plantarum in Helvetia Cis- et Transalpina*..., ed. 2. Bex. (Cat. Pl. Helv. ed. 2)
- Schofield, W. B. 1966. *Crumia*, a new genus of the Pottiaceae endemic to western North America. *Canad. J. Bot.* 44: 609–614.
- Schofield, W. B. 1968. Bryophytes of British Columbia I: Mosses of particular interest. *J. Hattori Bot. Lab.* 31: 205–226.
- Schofield, W. B. 1969. Some Common Mosses of British Columbia. Victoria. [Brit. Columbia Prov. Mus., Handb. 28.]
- Schofield, W. B. 1976. Bryophytes of British Columbia III: Habitat and distributional information for selected mosses. *Syesis* 9: 317–354.
- Schriften Phys.-Ökon. Ges. Königsberg = Schriften der Physikalisch-Ökonomischen Gesellschaft zu Königsberg.
- Schultes, J. A. 1804. *Reise auf den Glockner*. 4 vols. Vienna. (Reise Glockner)
- Schultz, C. F. 1819. *Prodromi Flori Stargardiensis Supplementum Primum*. Neubrandenburg. (Prodr. Fl. Starg. Suppl.)
- Schultze-Motel, W. 1970. Monographie der Laubmoosgattung *Andreaea*. 1. Die costaten Arten. *Willdenowia* 6: 25–110.
- Schulz, D. and C. Wiencke. 1976. Sporophytenentwicklung von *Funaria hygrometrica* Sibth. II. Differenzierung des Wasser- und Stoffleitungs-systems in der Seta. *Flora* 165: 47–60.
- Schuster, R. M. 1966–1992. *The Hepaticae and Anthocerotae of North America East of the Hundredth Meridian*. 6 vols. New York, London, and Chicago.
- Schuster, R. M., ed. 1983–1984. *New Manual of Bryology*. 2 vols. Nichinan.
- Schuster, R. M. 1997. On *Takakia* and the phylogenetic relationships of the Takakiales. *Nova Hedwigia* 64: 281–310.
- Schwägrichen, C. F. 1811–1842. *Joannis Hedwig...Species Muscorum Frondosorum...Supplementum Primum*.... 4 vols. in parts. Leipzig and Paris. [Parts paged independently, plates numbered consecutively.] (Sp. Musc. Frond. Suppl.)
- Sci. Progr. (London, 1934+) = Science Progress; a Quarterly Journal of Scientific Thought, Work and Affairs.
- Sci. Rep. Kanazawa Univ., Biol. = Science Reports of the Kanazawa University; Biology. [Kanazawa Daigaku Rika Hokoku. Seibutsugaku.]
- Sci. Total Environm. = Science of the Total Environment.
- Science = Science; an Illustrated Journal [later: a Weekly Journal Devoted to the Advancement of Science]. [American Association for the Advancement of Science.]
- Scott. Crypt. Fl.—See: R. K. Greville [1822–]1823–1828
- Scott, H. B. and M. J. Oliver. 1994. Accumulation and polysomal recruitment of transcripts in response to desiccation and rehydration of the moss *Tortula ruralis*. *J. Exp. Bot.* 45: 577–583.
- Searles, P. S. et al. 2002. Plant response to solar ultraviolet-B radiation in a southern South American *Sphagnum* peatland. *J. Ecol.* 90: 704–713.
- Seaward, M. R. D. and D. Williams. 1976. An interpretation of mosses found in recent archaeological excavations. *J. Archaeol. Sci.* 3: 173–177.
- Seemann, B. 1852–1857. *The Botany of the Voyage of H.M.S. Herald...during the Years 1845–51*. 10 parts. London. [Parts paged consecutively.] (Bot. Voy. Herald)
- Seki, T. and C. Miyagi. 1980. A ecological observation of *Gymnostomiella longinervis* V. F. Brotherus in Okinawa Island. *Hikobia* 8: 416–423.
- Shacklette, H. T. 1965. Bryophytes associated with mineral deposits and solutions in Alaska. *Bull. U.S. Geol. Surv.* 1198c.
- Shacklette, H. T. 1965b. Element content of bryophytes. *Bull. U.S. Geol. Surv.* 1198d.
- Shacklette, H. T. 1984. The use of aquatic bryophytes in prospecting. *J. Geochem. Explor.* 21: 89–93.
- Sharp, A. J. 1955. Factors in the distribution of *Hyophila tortula* and an extension of its known range to include Michigan. *Mitt. Thüring. Bot. Ges.* 1: 222–224.
- Sharp, A. J., H. A. Crum, and P. M. Eckel, eds. 1994. *The moss flora of Mexico*. *Mem. New York Bot. Gard.* 69.
- Shaw, A. J. 1985. Exostomial ornamentation in the Bryales. *J. Hattori Bot. Lab.* 59: 303–324.
- Shaw, A. J. 1987. Experimental taxonomy of *Weissia controversa* and *W. sharpii* (Musci: Pottiaceae). *Syst. Bot.* 12: 381–389.
- Shaw, A. J. 1993. Morphological uniformity among widely disjunct populations of the rare “copper moss,” *Scopelophila cataractae* (Pottiaceae). *Syst. Bot.* 18: 525–537.
- Shaw, A. J. and B. H. Allen. 1985. Anatomy and morphology of the peristome in *Discelium nudum* (Musci: Disclieaceae). *Bryologist* 88: 263–267.
- Shaw, A. J. and L. E. Anderson. 1988. Factors affecting the distribution and abundance of the “copper moss,” *Scopelophila ligulata*, in North America. *Lindbergia* 14: 55–58.
- Shaw, A. J., L. E. Anderson, and B. D. Mishler. 1987. Peristome development in mosses in relation to systematics and evolution. I. *Diphyscium foliosum* (Buxbaumiaceae). *Mem. New York Bot. Gard.* 45: 55–70.
- Shaw, A. J. and B. Goffinet, eds. 2000. *Bryophyte Biology*. Cambridge and New York.
- Shaw, A. J., B. D. Mishler, and L. E. Anderson. 1989. Peristome development in mosses in relation to systematics and evolution. IV. Haplolepidaceae: Ditrichaceae and Dicranaceae. *Bryologist* 92: 314–325.

- Shaw, A. J. and H. Robinson. 1984. On the development, evolution, and function of peristomes in mosses. *J. Hattori Bot. Lab.* 57: 319–335.
- Shaw, A. J. and J. R. Rohrer. 1984. Endostomial architecture in diplolepidous mosses. *J. Hattori Bot. Lab.* 57: 41–61.
- Shiikawa, M. 1956. Geological study of limonite deposits (1)—Limonite deposits in Akita Pref. *Mem. Gakugei Fac. Akita Univ., Nat. Sci.* 6: 45–74.
- Shiikawa, M. 1959. Limonitic iron-ores from Japan. Study on the bedded limonitic iron-ore deposits in Japan (3). *Mem. Gakugei Fac. Akita Univ., Nat. Sci.* 9: 1–14.
- Shiikawa, M. 1960. Studies on the bedded limonitic iron-ore deposits in Japan, with special reference to their genesis and minor elements. *Mining Geol.* 10(40): 65–84.
- Shiikawa, M. 1962. A study on the bedded limonitic iron-ore deposits of Japan. *Mem. Gakugei Fac. Akita Univ., Nat. Sci.* 12: 1–49.
- Sida = Sida; Contributions to Botany.
- Side, A. G. and H. L. K. Whitehouse. 1974. *Tortula amplexa* (Lesq.) Steere in Britain. *J. Bryol.* 8: 15–18.
- Simon, T. 1975. Mosses as indicator organisms for soil conditions in steppe forest ecosystems. In: International Botanical Congress. 1975. Abstracts of the Papers Presented at the XII International Botanical Congress. 2 vols. Leningrad. Vol. 1, p. 87.
- Sitzungsber. Akad. Wiss. Wien, Math.-Naturwiss. Kl., Abt. 1 = Sitzungsberichte, Akademie der Wissenschaften in Wien. Mathematisch-naturwissenschaftliche Klasse. Abteilung 1.
- Sitzungsber. Kaiserl. Akad. Wiss., Wien, Math.-Naturwiss. Cl., Abt. 1 = Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Wien. Mathematisch-naturwissenschaftliche Classe. Abteilung 1.
- Sitzungsber. Naturf.-Ges. Univ. Dorpat = Sitzungsberichte der Naturforscher-Gesellschaft bei der Universität Dorpat.
- Sjors, H. 1980. Peat on earth: Multiple use or conservation? *Ambio* 9: 303–308.
- Skye, E. 1965. Botanical indication of air pollution. *Acta Phytogeogr. Suec.* 50: 285–287.
- Sloover, J. L. de. 1977. Note de bryologie Africaine. IX. *Andreaea*, *Racomitrium*, *Gymnostomiella*, *Thuidium*. *Bull. Jard. Bot. Natl. Belg.* 47: 155–181.
- Smith, A. J. E. 1978. *The Moss Flora of Britain and Ireland*. Cambridge.
- Smith, A. J. E., ed. 1982. *Bryophyte Ecology*. London and New York.
- Smith, A. J. E. 1992. The taxonomic status of the British varieties of *Grimmia trichophylla* Grev. *J. Bryol.* 17: 269–273.
- Smith, A. J. E. 2004. *The Moss Flora of Britain and Ireland*, ed. 2. Cambridge.
- Smith, A. J. E. and M. E. Newton. 1968. Chromosome numbers of some British and Irish mosses. III. *Trans. Brit. Bryol. Soc.* 5: 463–522.
- Smith, A. J. E. and H. L. K. Whitehouse. 1974. The sporophyte and male plants of *Tortula stanfordensis* and the taxonomic position of this and *T. khartoumensis* Pettet and *T. rhizophylla* (Sakurai) Z. Iwatsuki and K. Saito. *J. Bryol.* 8: 9–14.
- Smith, D. C. 1976. Storstvatnet and Rettbekken: Moss-trapped stream material as a prospecting medium. *J. Geochem. Explor.* 5: 338–341.
- Smith, D. K. and P. G. Davison. 1993. Antheridia and sporophytes in *Takakia ceratophylla* (Mitt.) Grolle: Evidence for reclassification among the mosses. *J. Hattori Bot. Lab.* 73: 263–271.
- Smith, Gary L. 1971. A conspectus of the genera of Polytrichaceae. *Mem. New York Bot. Gard.* 21(3): 1–83.
- Smith, Gary L. 1974. New developments in the taxonomy of Polytrichaceae: Epiphragm structure and spore morphology as generic characters. *J. Hattori Bot. Lab.* 38: 143–150.
- Smith, Gary L. 1977. *Atrichum cylindricum* (Polytrichaceae), an overlooked moss in the southeastern United States. *Brittonia* 29: 368–375.
- Smith, Gary L. 1990. What in the world is “*Aschisma*”? *Aschisma* 1: 2.
- Smith, Gary L. 1992. Notes on North American Polytrichaceae: *Polytrichastrum* G. Sm. *Bryologist* 95: 270–273.
- Smith, J. E. 1800–1804. *Flora Britannica*. 3 vols. London. [Vols. paged consecutively. Vols. 1 and 2, 1800; vol. 3, 1804.] (Fl. Brit.)
- Smith, J. E. et al. 1790–1866. *English Botany; or, Coloured Figures of British Plants....* 36 vols. + 5 suppl. London. (Engl. Bot.)
- Smithsonian Misc. Collect. = Smithsonian Miscellaneous Collections.
- Snider, J. A. 1975. A revision of the genus *Arcidium* (Musci). *J. Hattori Bot. Lab.* 39: 105–201.
- Snider, J. A. 1994. *Ceratodon*. In: A. J. Sharp et al., eds. *The moss flora of Mexico*. *Mem. New York Bot. Gard.* 69: 103.
- Snider, J. A. 1994b. *Pleuroidium*. In: A. J. Sharp et al., eds. *The moss flora of Mexico*. *Mem. New York Bot. Gard.* 69: 92–95.
- Snider, J. A. 1994c. *Astomiopsis*. In: A. J. Sharp et al., eds. *The moss flora of Mexico*. *Mem. New York Bot. Gard.* 69: 96–98.
- Snider, J. A. 1994d. *Bryomanginia*. In: A. J. Sharp et al., eds. *The moss flora of Mexico*. *Mem. New York Bot. Gard.* 69: 99–100.
- Snider, J. A. and B. K. Andreas. 1996. *A Catalog and Atlas of the Mosses of Ohio*. Columbus.
- Snider, J. A., S. M. Studlar, and M. E. Medley. 1988. A list of the bryophytes of Kentucky. *Bryologist* 91: 98–105.
- Sollman, P. 1983. Notes on pottiaceous mosses I. *Bryologist* 86: 271–272.
- Sollman, P. 1999. *Dichodontium opacifolium* Dixon in Christ and *Dichodontium brasiliense* Brotherus are both identical with *Chrystoblastella chilensis* (Mont.) Reim. *Trop. Bryol.* 17: 17–21.
- Soma, M., H. Seyama, and J. Satake. 1988. X-ray photoelectron spectroscopic analysis of lead accumulated in aquatic bryophytes. *Talanta* 35: 68–70.
- Sommerfelt, S. C. 1826. *Supplementum Florae Lapponicae....* Oslo. (Suppl. Fl. Lapp.)
- SouthW. Naturalist = Southwestern Naturalist.

- Soviet J. Ecol. = Soviet Journal of Ecology. [Translation of Ekologiya.]
- Sp. Musc. Frond.—See: J. Hedwig 1801
- Sp. Musc. Frond. Suppl.—See: C. F. Schwägrichen 1811–1842
- Sp. Pl.—See: C. Linnaeus 1753
- Sphagnac. Europe—See: R. Braithwaite 1878
- Spies, T. A. and B. V. Barnes. 1985. Ecological species groups of upland northern hardwood-hemlock forest ecosystems of the Sylvania Recreation Area, Upper Peninsula, Michigan. *Canad. J. Forest Res.* 15: 961–972.
- Spjut, R. W. et al. 1988. Variation in cytotoxicity and antitumor activity among samples of the moss *Claopodium crispifolium* (Thuidiaceae). *Econ. Bot.* 42: 62–72.
- Spjut, R. W., M. Suffness, G. M. Cragg, and D. H. Norris. 1986. Mosses, liverworts, and hornworts screened for antitumor agents. *Econ. Bot.* 40: 310–338.
- Sprengel, K. 1802–1804. *Anleitung zur Kenntniss der Gewächse....* 3 parts. Halle. (Anleit. Kenntn. Gew.)
- Sprengel, K. 1820–1822. *Neue Entdeckungen im ganzen Umfang der Pflanzenkunde.* 3 vols. Leipzig. (Neue Entd.)
- Spruce, R. 1847. *Musci Pyrenaeicae....* 2 fascs. London. [Exsiccata.] (Musci Pyren.)
- St. Clair, L. L., B. L. Webb, J. R. Johansen, and G. T. Bebeker. 1984. Cryptogamic soil crusts enhancement of seedling establishment in disturbed and undisturbed areas. *Reclam. Reveg. Res.* 3: 129–136.
- Stafleu, F. A. and R. S. Cowan. 1976–1988. *Taxonomic Literature: A Selective Guide to Botanical Publications and Collections with Dates, Commentaries and Types*, ed. 2. 7 vols. Utrecht, Antwerp, The Hague, and Boston.
- Stafleu, F. A. and E. A. Mennega. 1992+. *Taxonomic Literature. A Selective Guide to Botanical Publications and Collections with Dates, Commentaries and Types. Supplement.* 6+ vols. Königstein.
- Stark, L. R. 1980. *Triquetrella* in North America. *Bryologist* 83: 363–364.
- Stark, L. R. 1996. The status of *Weissia sweetii*, a species endemic to the southwestern United States. *Bryologist* 99: 345–348.
- Stark, L. R., A. T. Whittemore, and B. D. Mishler. 2002. Noteworthy bryophyte records from the Mojave Desert. *Madroño* 49: 49–53.
- Stark, R. M. 1860. *A Popular History of British Mosses....*, ed. 2. London.
- Staub Reinhalt. Luft = Staub, Reinhaltung der Luft.
- Stech, M. 1999. *Dichodontium palustre* (Dicks.) Stech comb. nov., a new name for *Dicranella palustris* (Dicks.) Crundw. ex Warb. (Dicranaceae, Bryopsida). *Nova Hedwigia* 69: 237–240.
- Steen, A. J. 1986. Two collections from Calaveras County yield two mosses new to California. *Evansia* 3: 11.
- Steere, W. C. 1937. *Bryoxiphium norvegicum*, the sword moss, as a preglacial and interglacial relic. *Ecology* 18: 346–358.
- Steere, W. C. 1938. *Barbula*. In: A. J. Grout. 1928–1940. *Moss Flora of North America, North of Mexico.* 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 173–185.
- Steere, W. C. 1938b. *Didymodon*. In: A. J. Grout. 1928–1940. *Moss Flora of North America, North of Mexico.* 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 185–190.
- Steere, W. C. 1939. *Gyroweisia tenuis* in North America. *Bryologist* 42: 16–23.
- Steere, W. C. 1939b. *Barbula* in North America north of Mexico. *Bull. Torrey Bot. Club* 66: 93–119.
- Steere, W. C. 1939c. *Tortula*. In: A. J. Grout. 1928–1940. *Moss Flora of North America, North of Mexico.* 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 228–246.
- Steere, W. C. 1945. *Luisierella*, a genus of mosses new to North America. *Bryologist* 48: 83–85.
- Steere, W. C. 1950. Notes on *Fissidens*. II. The discovery of *Fissidens exilis* in North America. *Bryologist* 53: 131–136.
- Steere, W. C. 1956. The taxonomic status and geographic distribution of *Philocrya aspera*. *Bryologist* 59: 161–167.
- Steere, W. C. 1958. The discovery of *Oreas martiana* in arctic Alaska, a genus new to North America. *Bryologist* 61: 119–124.
- Steere, W. C. 1977. Bryophytes from Great Bear Lake and Coppermine, Northwest Territories, Canada. *J. Hattori Bot. Lab.* 42: 425–465.
- Steere, W. C. 1978. The Mosses of Arctic Alaska. *Vaduz.*
- Steere, W. C., L. E. Anderson, and V. S. Bryan. 1954. Chromosome studies on Californian mosses. *Mem. Torrey Bot. Club* 20(4): 1–76.
- Steere, W. C. and G. R. Brassard. 1974. The systematic position and geographical distribution of *Fissidens arcticus*. *Bryologist* 77: 195–202.
- Steere, W. C. and G. W. Scotter. 1978. Additional bryophytes from Nahanni National Park and vicinity, Northwest Territories, Canada. *Canad. J. Bot.* 56: 234–244.
- Stefan, M. B. and E. D. Rudolph. 1979. Terrestrial bryophytes as indicators of air quality in southeastern Ohio and adjacent West Virginia. *Ohio J. Sci.* 79: 204–212.
- Steudel, E. G. 1821–1824. *Nomenclator Botanicus Enumerans Ordine Alphabetico Nomina atque Synonyma tum Generica tum Specifica....* 2 vols. Stuttgart and Tübingen. (Nomencl. Bot.)
- Stewart, J. M. 1977. Canadian muskegs and their agricultural utilization. In: N. W. Radforth and C. O. Brawner, eds. 1977. *Muskeg and the Northern Environment in Canada.* Toronto and Buffalo. Pp. 208–220.
- Stirp. Crypt. Vogeso-Rhen.—See: J. B. Mougeot et al. 1810–1890
- Stone, I. G. 1989. Revision of *Phascum* and *Acaulon* in Australia. *J. Bryol.* 15: 745–777.
- Stone, I. G. 1997. A revision of Erpodiaceae with particular reference to Australian taxa. *J. Bryol.* 19: 485–502.
- Stoneburner, A. 1985. Variation and taxonomy of *Weissia* in the southwestern United States. II. Taxonomic treatment. *Bryologist* 88: 293–314.
- Stoneburner, A. and R. Wyatt. 1985. Variation and taxonomy of *Weissia* in the southwestern United States. I. Biometrical analyses. *Mitt. Thüring. Bot. Ges.* 11: 175–185.



- Stubbs, J. 1973. Moss control. *New Sci.* 57: 739.  
 Stud. Forest. Suec. = *Studia Forestalia Suecica*.  
 Stud. Handb. Brit. Mosses—See: H. N. Dixon 1896  
 Stud. Morph. Laubm.—See: L. Loeske 1910  
 Studlar, S. M. 1980. Trampling effects on bryophytes: Trail surveys and experiments. *Bryologist* 83: 301–313.  
 Sturm, J. et al. [1796–]1798–1862. *Deutschlands Flora*.... 3 sects. in 163 parts. Nuremberg. [Sects. (Abtheilungen) divided into numbered or titled nominal vols. (Bandes) issued in parts (Hefte); parts numbered sequentially within sects.; plates numbered independently within parts.] (Deutschl. Fl.)  
 Sugawa, S. 1960. Nutritive values of mosses as a food for domestic animals and fowls. *Hikobia* 2: 119–124.  
 Sukhanov, M. A. 1972. The use of peat as a thermal-insulating material in large-panel building. In: *International Peat Congress. 1972. The Proceedings of the 4th International Peat Congress, Otaniemi, Finland, June 25–30, 1972.* 5 vols. [Otaniemi.] Vol. 4, pp. 318–332.  
 Sullivant, W. S. 1846. *Musci Alleghanienses*.... Columbus. (Musc. Allegh.)  
 Sullivant, W. S. 1856. The Musci and Hepaticae of the United States east of the Mississippi River. In: A. Gray. 1856. *A Manual of the Botany of the Northern United States*...., ed. 2. New York. Pp. 607–702.  
 Sullivant, W. S. 1856b. The Musci and Hepaticae of the United States East of the Mississippi River. New York. [Reprinted from A. Gray. 1856. *Manual*...., ed. 2, with additions.] (Musc. Hepat. U.S.)  
 Sullivant, W. S. 1864–1875. *Icones Muscorum, or Figures and Descriptions of Most of Those Mosses Peculiar to Eastern North America*.... 1 vol. + suppl. Cambridge, Mass. and London. (Icon. Musc.)  
 Sullivant, W. S. and C. L. Lesquereux. 1856[1857]. *Musci Boreali-Americani*.... Columbus. [Text to accompany *exsiccata*.] (Musc. Bor.-Amer.)  
 Sullivant, W. S. and C. L. Lesquereux. 1865. *Musci Boreali-Americani*...., ed. 2. Columbus. [Text to accompany *exsiccata*.] (Musc. Bor.-Amer. ed. 2)  
 Summa Veg. Scand.—See: E. M. Fries 1845–1849  
 Summerling, T. J. 1984. The use of mosses as indicators of airborne radionuclides near a major nuclear installation. *Sci. Total Environm.* 35: 251–266.  
 Summerton, J. 1981. Energy in Sweden. Gearing up for renewable energy. *Ambio* 10: 219–224.  
 Suom. Elain-ja Kasvit. Seuran Van. Tiedon. = *Suomalaisen Elain-ja Kasvitieteellisen Seuran Vanamon Tiedonannot.*  
 Suppl. Fl. Lapp.—See: S. C. Sommerfelt 1826  
 Svensk Bot. Tidskr. = *Svensk Botanisk Tidskrift Utgifven af Svenska Botaniska Föreningen.*  
 Svensson, G. K. and K. Liden. 1965. The quantitative accumulation of  $^{95}\text{Zr}$  +  $^{95}\text{Nb}$  and  $^{140}\text{Ba}$  +  $^{140}\text{La}$  in carpets of forest moss. *Health Phys.* 11: 10.  
 Swartz, O. P. 1829. *Adnotationes Botanicae*.... Stockholm. [Posthumous, edited by J. E. Wikström.] (Adnot. Bot.)  
 Syll. Gen. Sp. Crypt.—See: J. P. F. C. Montagne 1856  
 Syll. Pl. Nov.—See: C. F. Hornschuch [1822–]1824–1828  
 Syllab. Musc.—See: G. De Notaris 1838  
 Syn. Musc. Eur.—See: W. P. Schimper 1860  
 Syn. Musc. Eur. ed. 2—See: W. P. Schimper 1876  
 Syn. Musc. Frond.—See: J. K. A. Müller [1848–]1849–1851  
 Syrratt, W. J. and P. J. Wanstall. 1969. The effect of sulphur dioxide on epiphytic bryophytes. In: *European Congress on the Influence of Air Pollution*.... 1969. *Air Pollution: Proceedings of the First European Congress on the Influence of Air Pollution on Plants and Animals.* Wageningen. Pp. 79–85.  
 Syst. Arr. Brit. Pl. ed. 4—See: W. Withering 1801  
 Syst. Bot. = *Systematic Botany*; *Quarterly Journal of the American Society of Plant Taxonomists.*  
 Tab. Calyptr. Operc.—See: F. Weber 1813[1814]  
 Takagi, G. 1937. Studies in the artificial multiplication of the sumach gall-aphid. I. Especially *Schlechtendalia ahinensis* Bell. *Bull. Forest Exp. Sta., Chosen* 26: 1–253.  
 Takaki, N. 1976. Preliminary report on the aquatic communities of bryophytes in the Katsuragawa stream in Gifu Prefecture. In: M. Yatazawa, ed. 1976–1977. *Effects of Fertilizers on Water Quality and Indicator Macrophytes.* 2 vols. Nagoya. Vol. 1, pp. 41–45.  
 Takaki, N. 1977. Distribution of aquatic mosses in a rice field area. In: M. Yatazawa, ed. 1976–1977. *Effects of Fertilizers on Water Quality and Indicator Macrophytes.* 2 vols. Nagoya. Vol. 2, pp. 31–37.  
 Takaki, N., R. Watanabe, and Z. Iwatsuki. 1982. Bryophytes in aquariums for tropical fish. *Proc. Bryol. Soc. Japan* 3: 65–68.  
 Tallis, J. H. 1959. Studies in the biology and ecology of *Rhacomitrium lanuginosum* Brid. *J. Ecol.* 47: 325–350.  
 Tallis, J. H. 1964. Growth studies on *Rhacomitrium lanuginosum*. *Bryologist* 67: 417–422.  
 Tamblyn, S. E. 1981. Sporotrichosis and *Sphagnum* moss. *Alberta Social Serv. Community Health Newslett.* 4(2): 1–3.  
 Tamm, K. 1984. Epiphytic bryophytes as indicators of air pollution in Tallinn. In: J. L. Martin et al., eds. 1984. *Flora and Groupings of Lower Plants in Natural and Anthropogenous Extreme Environment Conditions.* Tallinn. Pp. 203–220.  
 Tan, B. C. 2003. Bryophytes (mosses). In: W. P. de Winter and V. B. Amoroso, eds. 2003. *Cryptogams: Ferns and Fern Allies.* Leiden. Pp. 195–200.  
 Tan, B. C. and W. B. Schofield. 1980. On *Dichodontium pellucidum* and *D. olympicum*. *Canad. J. Bot.* 58: 2067–2072.  
 Tan, B. C., R. H. Zander, and T. Taylor. 1981. *Pseudocrossidium hornschurchianum* and *P. revolutum* var. *obtusulum* in the New World. *Lindbergia* 7: 39–42.  
 Tan, B. C. and J. Zhao. 1997. New moss records and range extensions of some xeric and alpine moss species in China. *Cryptog. Bryol. Lichénol.* 18: 217–212.  
 Tang, C. 1976. The Chinese gallnuts, their multiplication and means for increasing production. *Acta Entomol. Sin.* 19: 282–296.  
 Taoda, H. 1972. Mapping of atmospheric pollution in Tokyo based upon epiphytic bryophytes. *Jap. J. Ecol.* 22: 125–133.  
 Taoda, H. 1973. Bryo-meter, an instrument for measuring the phytotoxic air pollution. *Hikobia* 6: 224–228.

- Taoda, H. 1975. Evaluating of city soils based on controlled phytometer method (1). In: M. Numata, ed. 1975. *Studies in Urban Ecosystems*. Chiba. Pp. 151–153.
- Taoda, H. 1976. Bryophytes as indicators of air pollution. In: *International Congress of Scientists on the Human Environment*. 1976. *Science for Better Environment: Proceedings of the International Congress on the Human Environment (HESC)*. Tokyo. Pp. 292–301.
- Taoda, H. 1980. Mapping of air pollution based on epiphytic cryptogams in bay-coast cities of Chiba Prefecture. In: M. Numata, ed. 1980. *Integrated Ecological Studies in Bay-coast Cities II*. Chiba. Pp. 21–25.
- Taxon = *Taxon*; Journal of the International Association for Plant Taxonomy.
- Taylor, A. 1919. Mosses as formers of tufa and floating islands. *Bryologist* 22: 38–39.
- Taylor, J. A. and R. T. Smith. 1980. Peat—A resource reassessed. *Nature* 288: 319–320.
- Taylor, R. J. and A. E. Leviton, eds. 1980. *The Mosses of North America: An Inquiry into the Biology of Mosses Based on a Symposium....* San Francisco.
- Tetrahedr. Lett. = *Tetrahedron Letters*.
- Thieret, J. W. 1954. Mosses and liverworts: Old and new uses. *Bull. Chicago Nat. Hist. Mus.* 25: 4, 8.
- Thieret, J. W. 1956b. Bryophytes as economic plants. *Econ. Bot.* 10: 75–91.
- Thomas, D. C. and J. Edmonds. 1983. Rumen contents and habitat selection of Peary caribou in winter, Canadian Arctic Archipelago. *Arctic Alpine Res.* 15: 97–105.
- Thomas, D. C. and P. Kroeger. 1980. In vitro digestibilities of plants in ruminal fluids of Peary caribou. *Arctic* 33: 757–767.
- Thomas, W. 1983. Über die Verwendung von Pflanzen zur Analyse räumlicher Spurensubstanz-immissionsmuster. *Staub Reinhalt. Luft* 43: 141–148.
- Thomason, J. H. 1994. Mossy containers. *S. Liv.* 1994(Feb.): 58–59.
- Tieszen, L. L., ed. 1978. *Vegetation and Production of Alaskan Arctic Tundra*. New York.
- Tilling, A. J. 1995. *Sphagnum* moss: Issues associated with the sustainable development of a non-timber forest product in New Zealand. *New Zealand Forest.* 40: 30–34.
- Timmer, V. R. 1970. Observations on the Mineral Nutrition of Feather Mosses under Black Spruce. Ottawa. [Canad. Forest. Serv. Rep. N-62.]
- Ting, H. S. 1982. *Medicinal Cryptogamic Plants of China*. Shanghai.
- Torrey = *Torrey*; a Monthly Journal of Botanical Notes and News.
- Touw, A. 1992. A survey of the mosses of the Lesser Sunda Islands (Nusa Tenggara), Indonesia. *J. Hattori Bot. Lab.* 71: 289–366.
- Trans. Amer. Philos. Soc. = *Transactions of the American Philosophical Society Held at Philadelphia for Promoting Useful Knowledge*.
- Trans. & Proc. New Zealand Inst. = *Transactions and Proceedings of the New Zealand Institute*.
- Trans. & Proc. Roy. Soc. New Zealand = *Transactions and Proceedings of the Royal Society of New Zealand*.
- Trans. Bot. Soc. Edinburgh = *Transactions of the Botanical Society of Edinburgh*.
- Trans. Brit. Bryol. Soc. = *Transactions of the British Bryological Society*.
- Trans. Connecticut Acad. Arts = *Transactions of the Connecticut Academy of Arts and Sciences*.
- Trans. Dublin Soc. = *Transactions of the Dublin Society*.
- Trans. Illinois State Acad. Sci. = *Transactions of the Illinois State Academy of Science*.
- Trans. Kansas Acad. Sci. = *Transactions of the Kansas Academy of Science*.
- Trans. Linn. Soc. London = *Transactions of the Linnean Society of London*.
- Tripp, F. E. 1888. *British Mosses: Their Homes, Aspects, Structure and Uses*. 2 vols. London.
- Tromsø Mus. Aarsh. = *Tromsø Museums Aarshefter*.
- Trop. Bryol. = *Tropical Bryology*.
- Trudy Glavn. Bot. Sada = *Trudy Glavnago Botanicheskago Sada*.
- Tueller, P. T., ed. 1988. *Vegetation Science Applications for Rangeland Analysis and Management*. Boston.
- Tuomikoski, R. K., T. J. Koponen, and T. T. Ahti. 1973. The mosses of the island of Newfoundland. *Ann. Bot. Fenn.* 10: 217–264.
- Turner, D. 1804. *Muscologiae Hibernicae Spicilegium....* Yarmouth and London. (Muscol. Hibern. Spic.)
- Ukrainitseva, V. V., K. K. Flerov, and N. G. Solonevich. 1978. Analysis of plant remains from the alimentary tract of Mylakhchinsk bison (Yakutia). *Bot. Zhurn. (Moscow & Leningrad)* 63: 1001–1004.
- United Nations. 1981. *Report of the United Nations Conference on New and Renewable Sources of Energy (Nairobi, 10 to 21 August 1981)*. New York.
- University of Chicago Press. 1993. *The Chicago Manual of Style*, ed. 14. Chicago.
- Utkast Eur. Bladmoss.—See: S. O. Lindberg 1878
- van Tooren, B. F. 1988. The fate of seeds after dispersal in chalk grassland: The role of the bryophyte layer. *Oikos* 53: 41–48.
- van Tooren, B. F. 1990. Effects of a bryophyte layer on the emergence of seedlings of chalk grassland species. *Acta Oecol.* 11: 155–163.
- Varley, S. J. and S. E. Barnett. 1987. *Sphagnum* moss and wound healing II. *Clin. Rehab.* 1: 153–160.
- Verdoorn, F., ed. 1932. *Manual of Bryology*. The Hague. [Collaborators: H. Buch, G. Chalaud, H. N. Dixon, et al.]
- Verh. Bot. Vereins Prov. Brandenburg = *Verhandlungen des Botanischen Vereins der Provinz Brandenburg*.
- Verh. K. K. Zool.-Bot. Ges. Wien = *Verhandlungen der Kaiserlich-königlichen Zoologisch-botanischen Gesellschaft in Wien*.
- Verh. Kon. Akad. Wetensch., Afd. Natuurk. = *Verhandelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde*.
- Vers. Entw.-Gesch. Torfm.—See: W. P. Schimper 1858
- Vers. Topogr. Fl. Westpreuss.—See: H. E. M. von Klinggräff 1880
- Viraraghavan, T. and S. Tanjore. 1994. Removal of pentachlorophenol from wastewater using peat. *Hazardous Waste & Hazardous Mater.* 11: 423–433.

- Vital, D. M. 1980. Erpodiaceae (Musci) do Brasil. M.S. thesis. Universidade Estadual de Campinas.
- Vitt, D. H. 1968. Sex determination in mosses. *Michigan Bot.* 7: 195–203.
- Vitt, D. H. 1976. The genus *Seligeria* in North America. *Lindbergia* 3: 241–275.
- Vitt, D. H. 1982. Bryopsida. In: S. P. Parker, ed. 1982. *Synopsis and Classification of Living Organisms*. 2 vols. New York. Vol. 1, pp. 307–336.
- Vitt, D. H. 1984. Classification of the Bryopsida. In: R. M. Schuster, ed. 1983–1984. *New Manual of Bryology*. 2 vols. Nichinan. Vol. 2, pp. 696–759.
- Vitt, D. H., B. Goffinet, and T. Hedderson. 1998. The ordinal classification of the mosses: Questions and answers for the 1990s. In: J. W. Bates et al., eds. 1998. *Bryology for the Twenty-first Century*. Leeds. Pp. 113–123.
- Vitt, D. H. and C. D. Hamilton. 1974. A scanning electron microscope study of the spores and selected peristomes of North American Encalyptaceae (Musci). *Canad. J. Bot.* 52: 1974–1981.
- Vitt, D. H. and C. Marsh. 1988. Population variation and phytogeography of *Racomitrium lanuginosum* and *R. pruinosum*. *Beih. Nova Hedwigia* 90: 235–260.
- Vitt, D. H. and R. H. Zander. 1978. *Crumia deciduidentata*, new to Canada from the Canadian Arctic Archipelago. *Bryologist* 81: 608–609.
- Voy. Îles Afrique—See: J. B. Bory de Saint-Vincent 1804
- Wahlenberg, G. 1812. *Flora Lapponica Exhibens Plantas Geographice et Botanice Consideratas....* Berlin. (Fl. Lapp.)
- War Department [U.S.]. 1855–1860. *Reports of Explorations and Surveys, to Ascertain the Most Practicable and Economical Route for a Railroad from the Mississippi River to the Pacific Ocean. Made under the Direction of the Secretary of War, in 1853[–1856]....* 12 vols. in 13. Washington. (Pacif. Railr. Rep.)
- Wareham, R. T. 1939. *Pterigoneurum* [sic]. In: A. J. Grout. 1928–1940. *Moss Flora of North America, North of Mexico*. 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 208–211.
- Wareham, R. T. 1939b. *Pottia*. In: A. J. Grout. 1928–1940. *Moss Flora of North America, North of Mexico*. 3 vols. in 12 parts. Newfane, Vt. and New York. Vol. 1, pp. 197–208.
- Warnstorf, C. 1914. Zur Bryo-geographie des Russischen Reiches. *Hedwigia* 54: 22–182.
- Warnstorf, C. et al. [1902]1903–1957. *Kryptogamen Flora der Mark Brandenburg....* 11 vols. in parts. Leipzig. [Parts paged consecutively within vols.] (Krypt.-Fl. Brandenburg)
- Washington Park Arbor. Bull. = Washington Park Arboretum Bulletin.
- Water Res. = Water Research.
- Weber, F. 1813[1814]. *Tabula Exhibens Calyptratarum Opercularum....* Kiel. (Tab. Calyptr. Operc.)
- Weber, F. and D. M. H. Mohr. 1803. *Index Musei Plantarum Cryptogamarum*. Kiel. (Index Mus. Pl. Crypt.)
- Weber, F. and D. M. H. Mohr, eds. 1805–1810. *Beiträge zur Naturkunde*. 2 vols. Kiel. (Beitr. Naturk.)
- Weber, F. and D. M. H. Mohr. 1807. *Botanisches Taschenbuch auf das Jahr 1807*. Deutschland's kryptogamische Gewächse. Erste Abteilung. Filices, Musci Frondosi et Hepatici.... Kiel. (Bot. Taschenbuch)
- Weber, K. and G. Ploetner. 1976. The effectivity of cures with therapeutic peat baths of different consistencies in cases of a rheumatoid arthritis. In: *International Peat Congress*. 1976. *Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976*. 4 vols. Warsaw. Vol. 1, pp. 467–476.
- Weber, W. A. 1960. A second American record for *Oreas martiana*, from Colorado. *Bryologist* 63: 241–244.
- Weber, W. A. 1973. *Guide to the Mosses of Colorado....* Boulder. [Inst. Arctic Alpine Res., Occas. Pap. 6.]
- Weber, W. A., R. C. Wittmann, and R. Worthington. 2003. *Grimmia bernoullii* Müller Hal. in the United States. *Evansia* 20: 104–106.
- Weimarck, H. [1937.] Förteckning över Skandinaviens Växter... 2. Mossor..., ed. 2. Lund. (Förteckn. Skand. Växt., Moss. ed. 2)
- Welch, W. H. 1948. Mosses and their uses. *Proc. Indiana Acad. Sci.* 58: 31–46.
- Werner, J. 2002. A comparison of *Dichodontium flavescens* (Dicks.) Lindb. and *D. pellucidum* (Hedw.) Lindb. (Bryopsida). *J. Bryol.* 24: 215–221.
- Werner, O., R. M. Ros, M. J. Cano, and J. Guerra. 2004. Molecular phylogeny of Pottiaceae (Musci) based on chloroplast *rps4* sequence data. *Pl. Syst. Evol.* 243: 147–164.
- Whitehead, N. E. and R. R. Brooks. 1969. Aquatic bryophytes as indicators of uranium mineralization. *Bryologist* 72: 501–507.
- Whitehouse, E. and F. McAllister. 1954. The mosses of Texas. A catalogue with annotations. *Bryologist* 57: 63–146.
- Whitehouse, H. L. K. 1975. How fast is *Tortula stanfordensis* spreading in Britain? *Bull. Brit. Bryol. Soc.* 26: 23–24.
- Whitehouse, H. L. K. 2001. Bryophytes of arable fields in Québec and Slovakia, including new records of *Bryum demaretianum* Arts. *Lindbergia* 26: 29–32.
- Whiteside, K. 1987. Gathering moss. *House & Gard.* 159(5): 144–147, 221–222.
- Whitner, J. K. 1992. *Stonescaping: A Guide to Using Stone in Your Garden*. Pownal, Vt.
- Wieggers, J. and B. Van Geel. 1983. The bryophyte *Tortella flavovirens* (Bruch) Broth. in late glacial sediments from Usselo (The Netherlands) and its significance as a paleo-environmental indicator. *Acta Bot. Neerl.* 32: 431–436.
- Wildflower (Unionville) = Wildflower; Canada's National Magazine of Wild Flora [later ...North America's Magazine...].
- Wilkes, J. C. 1965. A check list of the mosses of Alabama. *J. Alabama Acad. Sci.* 36: 75–93.
- Williams, C. 1966. A natural hybrid in the genus *Weissia*. *Bryologist* 69: 361–365.
- Williams, C. 1966b. *Pottia intermedia* new to North America. *Bryologist* 69: 235–236.
- Williams, R. S. 1913. Dicranaceae. In: N. L. Britton et al., eds. 1905+. *North American Flora....* 47+ vols. New York. Vol. 15, pp. 77–158.
- Williams, R. S. 1913b. The genus *Husnotiella* Cardot. *Bryologist* 16: 25.
- Williams, R. S. 1921. Mosses of the Canadian Arctic Expedition, 1913–1918. Ottawa. [Rep. Canad. Arct.

- Exped. (1913–1918) 4(E).] (Rep. Canad. Arct. Exped., Moss.)
- Wilson, S. J., J. L. Murray, and H. P. Huntington, eds. 1998. Climate change, ozone, and ultraviolet radiation. In: Arctic Monitoring and Assessment Programme. 1998. AMAP Assessment. 1998. Persistent Organic Pollutants. Oslo. Pp. 717–774.
- Wilson, W. M. 1855. *Bryologia Britannica*.... London. (Bryol. Brit.)
- Wilson, W. M. and W. J. Hooker. 1841. Musci Americani...Collected by the Late Thomas Drummond, in the Southern States of North America.... 2 vols. Warrington. [Newly arranged, named, and indexed exsiccata nos. 1–180 from T. Drummond. 1828. Musci Americani...] (Musc. Amer. S. States)
- Winkler, S. 1976. Moos als Indikatoren bei SO<sub>2</sub> und Bleibelastung. *Daten Dok. Umweltsch.* 19: 42–55.
- Winner, W. E. and J. D. Bewley. 1978. Contrasts between bryophyte and vascular plant synecological responses in an SO<sub>2</sub>-stressed white spruce association in central Alberta. *Oecologia* 33: 311–325.
- Winner, W. E., J. D. Bewley, H. R. Krouse, and H. M. Brown. 1978. Stable sulfur isotope analysis of SO<sub>2</sub> pollution impact on vegetation. *Oecologia* 36: 351–361.
- Withering, W. 1801. A Systematic Arrangement of British Plants..., ed. 4. 4 vols. London. (Syst. Arr. Brit. Pl. ed. 4)
- Witthauer, J., R. Klöcking, B. Helbig, and P. Drabke. 1976. Chemical and physicochemical characterization of antivirally active humic acids. In: International Peat Congress. 1976. Proceedings of the 5th International Peat Congress, Poznań, Poland, Sept. 21–25, 1976. 4 vols. Warsaw. Vol. 1, pp. 456–466.
- Woolgrove, C. E. and S. J. Woodin. 1996. Ecophysiology of a snow-bed bryophyte—*Kiaeria starkei*—during snowmelt and uptake of nitrate from meltwater. *Canad. J. Bot.* 74: 1095–1103.
- Worley, I. A. and Z. Iwatsuki. 1970. A checklist of the mosses of Alaska. *Bryologist* 73: 59–71.
- Wu, P. C. 1977. *Rhodobryum giganteum* (Schwaegr.) Par can be used for curing cardiovascular disease. *Acta Phytotax. Sin.* 15: 93.
- Wu, P. C. 1982. Some uses of mosses in China. *Bryol. Times* 13: 5.
- Yamaguchi, T. 1993. A revision of the genus *Leucobryum* (Musci) in Asia. *J. Hattori Bot. Lab.* 73: 1–123.
- Yatazawa, M., ed. 1976–1977. Effects of Fertilizers on Water Quality and Indicator Macrophytes. 2 vols. Nagoya.
- Yepsen, R. B., ed. 1984. The Encyclopedia of Natural Insect & Disease Control.... Emmaus, Pa.
- Yip, K. L. 1998. The occurrence of *Pseudephemerum nitidum* (Hedw.) Loeske in North America, with some interesting observations. *Evansia* 15: 112–114.
- Yip, K. L. 2002. *Pseudephemerum*, new to the United States and Mexico. *Bryologist* 105: 256–258.
- Z. Naturf., B = Zeitschrift für Naturforschung. Teil B, Chemie, Biochemie, Biophysik, Biologie.
- Zander, R. H. 1966. *Rhabdoweisia crenulata* new to North America. *Bryologist* 69: 356–358.
- Zander, R. H. 1967. The New World distribution of *Scopelophila* (= *Merceya*). *Bryologist* 70: 405–413.
- Zander, R. H. 1968. *Barbula inaequalifolia* Tayl. new to North America. *Bryologist* 71: 41–44.
- Zander, R. H. 1972. Revision of the genus *Leptodontium* (Musci) in the New World. *Bryologist* 75: 213–280.
- Zander, R. H. 1977. The tribe Pleuroweisieae (Pottiaceae, Musci) in Middle America. *Bryologist* 80: 233–269.
- Zander, R. H. 1978. *Tortula propagulosa* of the United States is *Rhachithecium perpusillum*. *Bryologist* 81: 458–460.
- Zander, R. H. 1978b. A propaguliferous variant of *Oxystegus tenuirostris* in Europe, India, Mexico, Cuba and Brazil. *Lindbergia* 4: 285–288.
- Zander, R. H. 1978c. Synopsis of the genus *Tuerckheimia* (Pottiaceae). *Misc. Bryol. Lichenol.* 8: 25–28.
- Zander, R. H. 1978d. New combinations in *Didymodon* (Musci) and a key to the taxa in North America north of Mexico. *Phytologia* 41: 11–32.
- Zander, R. H. 1978e. *Didymodon luridus* Hornsch. in Spreng. replaces *D. trifarius* (Hedwig) Roehl. [= *Saelania glaucescens* (Hedwig) Brotherus]. *Bryologist* 81: 421–423.
- Zander, R. H. 1978f. *Didymodon sinuosus* in Alaska and a key to species of Pottiaceae with propaguloid leaf apices. *Bryologist* 81: 572–575.
- Zander, R. H. 1978g. A synopsis of *Bryoerythrophyllum* and *Morinia* (Pottiaceae) in the New World. *Bryologist* 81: 539–560.
- Zander, R. H. 1979. Notes on *Barbula* and *Pseudocrossidium* (Bryopsida) in North America and an annotated key to the taxa. *Phytologia* 44: 177–214.
- Zander, R. H. 1979b. *Molendoa hornschurchiana* new to the Americas from the Pacific coast of Alaska. *Bryologist* 82: 487–489.
- Zander, R. H. 1980. Acid-base color reactions: The status of *Triquetrella ferruginea*, *Barbula inaequalifolia* and *B. calcarea*. *Bryologist* 83: 228–233.
- Zander, R. H. 1981. Descriptions and illustrations of *Barbula*, *Pseudocrossidium* and *Bryoerythrophyllum* (p.p.) of Mexico. *Cryptog. Bryol. Lichénol.* 2: 1–22.
- Zander, R. H. 1981b. *Didymodon* (Pottiaceae) in Mexico and California: Taxonomy and nomenclature of discontinuous and nondiscontinuous taxa. *Cryptog. Bryol. Lichénol.* 2: 379–422.
- Zander, R. H. 1982. *Oxystegus tenuirostris* var. *stenocarpus* (Thér.) comb. nov. includes *Trichostomum spirale* Grout. *Misc. Bryol. Lichenol.* 9: 72–74.
- Zander, R. H. 1982b. *Leptodontium recurvifolium* (Tayl.) Lindb. is an *Oxystegus*. *Lindbergia* 8: 185–187.
- Zander, R. H. 1983. A reevaluation of *Neohyophila* Crum (Pottiaceae). *Bryologist* 86: 134–139.
- Zander, R. H. 1985. Nomenclatural transfers in *Weissia* (Pottiaceae, Musci). *Monogr. Syst. Bot. Missouri Bot. Gard.* 11: 195–197.
- Zander, R. H. 1989. Seven new genera in Pottiaceae (Musci) and a lectotype for *Syntrichia*. *Phytologia* 65: 424–436.
- Zander, R. H. 1993. Genera of the Pottiaceae: Mosses of harsh environments. *Bull. Buffalo Soc. Nat. Sci.* 32.
- Zander, R. H. 1994. *Neohyophila*. In: A. J. Sharp et al., eds. The moss flora of Mexico. *Mem. New York Bot. Gard.* 69: 267–270.



- Zander, R. H. 1994b. *Timmiella*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 243–246.
- Zander, R. H. 1994c. *Scopelophila*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 372–375.
- Zander, R. H. 1994d. *Oxystegus*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 233–235.
- Zander, R. H. 1994e. *Trichostomum*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 228–233.
- Zander, R. H. 1994f. *Tuerckheimia*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 253–255.
- Zander, R. H. 1994g. *Tortella*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 246–247.
- Zander, R. H. 1994h. *Weissia*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 213–225.
- Zander, R. H. 1994i. *Barbula*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 286–296.
- Zander, R. H. 1994j. *Gymnostomum*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 246–247.
- Zander, R. H. 1994k. *Didymodon*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 299–319.
- Zander, R. H. 1994l. *Molendoa*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 257–259.
- Zander, R. H. 1994m. *Bryoerythrophyllum*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 273–283.
- Zander, R. H. 1994o. *Rhexophyllum*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 260.
- Zander, R. H. 1994p. *Leptodontium*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 260–267.
- Zander, R. H. 1994q. *Hymenostylium*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 250–252.
- Zander, R. H. 1994r. *Phascum*. In: A. J. Sharp et al., eds. The moss flora of Mexico. Mem. New York Bot. Gard. 69: 377–380.
- Zander, R. H. 1995. Phylogenetic relationships of *Hyophiladelphus* gen. nov. (Pottiaceae, Musci) and a perspective on the cladistic method. Bryologist 98: 363–374.
- Zander, R. H. 1998. A phylogrammatic evolutionary analysis of the moss genus *Didymodon* in North America north of Mexico. Bull. Buffalo Soc. Nat. Sci. 36: 81–115.
- Zander, R. H. 2006. The Pottiaceae s.str. as an evolutionary Lazarus taxon. J. Hattori Bot. Lab. 100: 581–602.
- Zander, R. H. and P. M. Eckel. 1982. *Hymenostylium recurvirostrum* var. *insigne* and *Barbula amplexifolia* in British Columbia, Canada. Canad. J. Bot. 60: 1596–1600.
- Zander, R. H., J. A. Jiménez, and T. Sagar. 2005. *Didymodon bistratosus* (Pottiaceae, Bryopsida) in the New World. Bryologist 108: 540–543.
- Zander, R. H. and R. Ochrya. 2001. *Didymodon tectorum* and *D. brachyphyllum* (Musci, Pottiaceae) in North America. Bryologist 104: 372–377.
- Zander, R. H. and W. A. Weber. 1997. *Didymodon anserinocapitatus* (Musci, Pottiaceae) new to the New World. Bryologist 100: 237–238.
- Zander, R. H. and W. A. Weber. 2005. *Anoetangium handelii* (Bryopsida, Pottiaceae) in the New World. Bryologist 108: 47–49.
- Zanten, B. O. van. 1973. A taxonomic revision of the genus *Dawsonia* R. Brown. Lindbergia 2: 1–43.
- Zhurn. Inst. Bot. Vseukraïns'k. Akad. Nauk = Zhurnal Instytutu Botaniky Vseukraïns'koi Akademii Nauk.
- Zimmerman, M. R. and G. S. Smith. 1975. A probable case of accidental inhumation of 1,600 years ago. Bull. New York Acad. Med., ser. 2, 51: 828–837.
- Zinsmeister, H. D. and R. Mues, eds. 1990. Bryophytes, Their Chemistry and Chemical Taxonomy. Oxford and New York.
- Zweite Deutsche Nordpolarfahrt—See: K. Koldewey et al. 1873–1874