

CURRICULUM VITA

WILLIAM RUSSEL BUCK

BORN: 27 December 1950; Jacksonville, Florida, U.S.A.

EDUCATION:

University of Florida (Gainesville)

B.S. 1972

M.S. 1974

University of Michigan (Ann Arbor)

Ph.D. 1979

ACADEMIC EXPERIENCE:

University of Florida (1972–1973)

Undergraduate Teaching Assistant

Graduate Research Assistant

Graduate Teaching Assistant

University of Michigan (1973–1978)

Graduate Teaching Assistant

Herbarium Assistant

University of Minnesota Itasca Biological Station (1975)

Teaching Assistant

New York Botanical Garden (1979–present)

Associate Curator of Bryophytes (1979–1986)

Curator of Bryophytes (1986–2000)

Senior Curator (2000–2016)

Senior Curator Emeritus (2017–present)

City University of New York (1979–2016)

Adjunct Associate Professor (1979–1986)

Adjunct Professor (1986–2016)

STUDENTS:

Lloyd R. Stark, Ph.D., 1985, Pennsylvania State University; Dissertation: A taxonomic monograph of *Forstroemia* Lindb. (Bryopsida: Leptodontaceae)

Inés Sastre-De Jesús, Ph.D., 1987, City University of New York; Dissertation: A revision of the Neckeraceae Schimp. and the Thamnobryaceae Marg. & Dur. in the neotropics.

Steven P. Churchill, Ph.D., 1988, City University of New York; Dissertation: A revision of the moss genus *Lepidopilum* (Callicostaceae).

Madeline Micceri-Mignone, Ph.D., 2000, City University of New York; Dissertation: The role and control of growth suppression in the transition from diffuse to apical meristematic growth in *Physcomitrella patens* (Funariaceae).

Peter Mickulas, Ph.D., 2002, Rutgers University; Dissertation: Giving, getting, and growing: Philanthropy, science, and The New York Botanical Garden, 1888–1929.

Piers Majestyk, Ph.D., 2003, City University of New York; Dissertation: Monograph of the genus *Erythodontium* (Musci: Entodontaceae).

Justin Wynns, M.S., 2006, Appalachian State University; Thesis: Taxonomic studies in the aquatic moss genus *Platyhypnidium* (Brachytheciaceae).

James C. Lendemer, Ph.D., 2012, City University of New York; Dissertation: Lichen taxonomy for

the 21st century: A revision of the genus *Lepraria* s.l. in North America north of Mexico.
Jessica Allen, Ph.D., 2016, City University of New York.

AWARDS:

Greenman Award (Missouri Botanical Garden) for best publication from a thesis: 1981
University of Helsinki Medal for Outstanding Scientists: 1998
Hattori Prize (International Association of Bryologists) for best bryological publication
(1997–1999): 1999
Richard Spruce Award (International Association of Bryologists) for outstanding contributions
to bryology in the first 25 years of career: 2002

GRANTS (RECENT):

NSF, with John Engel and Matt von Konrat of the Field Museum, “Collaborative Research on the
Marchantiophyta, Anthoceroophyta and Bryophyta of the Cape Horn Archipelago: Floristics
and Implications for Conservation,” 2010–2015, \$441,839 (NY portion).
NSF, with ten other institutions, “Digitization TCN Collaborative Research: North American
Lichens and Bryophytes: Sensitive Indicators of Environmental Quality and Change,” 2011–
2015, \$357,642 (NY portion).

FIELD EXPERIENCE:

1972–present: eastern North America
1977: Amazonas and Roraima, Brazil (Projeto Flora Amazônica)
1979: Amazonas, Brazil (Projeto Flora Amazônica)
1981: U.S. Virgin Islands, Puerto Rico, Dominican Republic, Jamaica, Australia, New
Zealand, Fiji
1982: Cuba, Dominican Republic, Haiti, Alaska, Japan
1983: Ecuador
1984: Venezuela (Neblina), southern Brazil, Paraguay
1985: Venezuela (Neblina), England, Wales
1986: Namibia, South Africa
1987: Dominican Republic, Faroe Islands, northern Spain
1988: Venezuela (Duida, Sarisariñama), Puerto Rico, Czechoslovakia
1989: Puerto Rico
1990: Puerto Rico, French Guiana
1991: Dominican Republic, eastern Brazil, Cuba
1992: Puerto Rico, Mexico
1993: Cuba, China
1994: French Guiana, St. Martin, Anguilla, Argentina, Brazil
1995: western Canada, Mexico
1996: St. Kitts, Nevis, Puerto Rico, Mona Island
1997: Canada (Québec), Spain, French Guiana
1998: Cuba, Navassa Island
1999: Mexico, Canada (Nova Scotia)
2000: French Guiana
2001: Ecuador, Chile
2003: Chile, Argentina
2004: Chile
2005: Chile
2006: Saba, St. Maartin

2007: Saba, Australia (Tasmania)
2008: St. Eustatius, Canada (Ontario)
2009: Canada (British Columbia), Australia (Western Australia), Cuba
2010: Germany, Canada (Ontario)
2011: Chile, Canada (New Brunswick), Australia (Tasmania)
2012: Chile, Canada (Québec)
2013: Chile, Canada (Québec, New Brunswick)
2014: Chile
2016: Canada (Québec, New Brunswick)
2017: Canada (Québec, Labrador)
2019: Canada (New Brunswick)
2020–2024: U.S.A. (New York: Kent Biodiversity Inventory)

Total number of collections: 67786

PROFESSIONAL SOCIETIES:

American Bryological and Lichenological Society (President, 2001–2003;
Executive Committee, 1983–1985; editor, *Evansia*, 1984–1989; editor,
The Bryologist, 2005–2009)
American Society of Plant Taxonomists
British Bryological Society (member 1977–2016)
Bryological Society of Japan
International Association of Bryologists (Councilor, 1987–2005)
International Association of Plant Taxonomists (General Committee, 1999–2006; Council, 2011–
2017)
Sigma Xi
Sociedad Española de Briología
Sociedad Latinoamericana de Briología

EDITORIAL EXPERIENCE:

Journals Edited:

Acta Bryolichenologica Asiatica: Editorial Board, 1989–2011
The Bryologist: Editor, 2005–2009
Contributions from the New York Botanical Garden: Editor, 1982–present
Evansia: Editor, 1984–1989
Flora of the Greater Antilles Newsletter: Editor, 1991–2006
Flora of North America: Editorial Board, 1990–2001
Index to American Botanical Literature: Compiler, 1981–1987, 1996–2012
Memoirs of the New York Botanical Garden: Associate Editor,
1981–1988; Editor, 1988–present
New York Rare Bryophytes Newsletter: Editor, 1991–1996
North American Flora: Associate Editor, 1983–1990; Editor,
1990–present
Nova Hedwigia: Bryophyte Editor, 1994–2005
Tropical Bryology: Scientific Editor, 1995–present

Books Edited:

Bryostephane Steereana: a collection of bryological papers presented to William Campbell Steere on
the occasion of his 80th birthday. Mem. New York Bot. Gard. 45: i–x, 1–778. 1987.
The Bassett Maguire Festschrift: a tribute to the man and his deeds. Mem. New York Bot. Gard. 64:

- i–vi, 1–302. 1990. With B. M. Boom & R. A. Howard.
 Festschrift in honor of Howard A. Crum in celebration of his 70th birthday. *Contr. Univ. Michigan Herb.* 18: 1–147. 1992.
 Mosses of the Great Lakes Forest. Fourth edition. By Howard Crum. University of Michigan Herbarium. vii + 592 pp. 2004. With C. Anderson.
 McNeill, J., F. R. Barrie, W. R. Buck, V. Demoulin, W. Greuter, D. L. Hawksworth, P. S. Herendeen, S. Knapp, K. Marhold, J. Prado, W. F. Prud'homme van Reine, G. F. Smith, J. H. Wiersema & N. J. Turland (eds.). 2012. International Code of Nomenclature for algae, fungi, and plants (Melbourne Code). *Regnum Veg.* 154: I–XXX, 1–240.

SCIENTIFIC PUBLICATIONS:

- Somers, P. & W. R. Buck. 1975. Characteristics and distribution for *Selaginella ludoviciana*, *S. apoda* and two presumed hybrid collections in the southeastern U.S. *Amer. Fern J.* 65: 76–82.
 Buck, W. R. & T. W. Lucansky. 1976. An anatomical and morphological comparison of *Selaginella apoda* and *Selaginella ludoviciana*. *Bull. Torrey Bot. Club* 103: 9–16.
 Buck, W. R. & H. Crum. 1976. Revision of the genus *Rozæa* (Musci). *Bryologist* 79: 406–421.
 Buck, W. R. 1977. A new species of *Selaginella* in the *S. apoda* complex. *Canad. J. Bot.* 55: 366–371.
 Buck, W. R. & M. J. Huft. 1977. Two new species of *Euphorbia* subgenus *Agaloma* from Mexico. *J. Arnold Arbor.* 58: 343–348.
 Buck, W. R. & L. R. Landrum. 1977. A new species of *Astomiopsis* (Ditrichaceae). *Bryologist* 80: 359–362.
 Buck, W. R. 1977. A taxonomic investigation of *Juratzkeaea* Lor. and *Juratzkeella* gen. nov. *Rev. Bryol. Lichénol.* 43: 309–325.
 Peck, J. H. & W. R. Buck. 1978. The *Selaginella apoda* complex in Iowa. *Amer. Fern J.* 68: 29.
 Buck, W. R. 1978. The taxonomic status of *Selaginella eatonii*. *Amer. Fern J.* 68: 33–36.
 Buck, W. R. & H. Crum. 1978. A re-interpretation of the Fabroniaceae with notes on selected genera. *J. Hattori Bot. Lab.* 44: 347–369.
 Buck, W. R. & H. Crum. 1978. *Entodon schleicheri* new to North America. *Bryologist* 81: 429–432.
 Harris, R. C. & W. R. Buck. 1978. Lichens of the Mackinac Straits region. II. *Candelariella* Müll.Arg. *Michigan Bot.* 17: 155–161.
 Buck, W. R. 1978. *Ptychomitrium*, a moss genus new to Michigan. *Michigan Bot.* 17: 162.
 Buck, W. R. 1979. A revision of the moss genus *Trachyphyllum* Gepp (Thuidiaceae). *Brittonia* 31: 379–394.
 Steere, W. C. & W. R. Buck. 1979. *Macromitrium crumianum* (Musci: Orthotrichaceae), a new species from Guatemala. *Brittonia* 31: 395–398.
 Buck, W. R. 1979. A re-evaluation of the Bruchiaceae with the description of a new genus. *Brittonia* 31: 469–473.
 Buck, W. R. 1979. A new species of *Astomiopsis* (Ditrichaceae) from Mexico. *Brittonia* 31: 488–490.
 Buck, W. R. 1980. A re-interpretation of the Fabroniaceae: additions and corrections. *J. Hattori Bot. Lab.* 47: 45–55.
 Buck, W. R. 1980. *Tricharia vezdae* (Ascomycetes: Asterothyriaceae), a new lichen species from the southeastern United States. *Brittonia* 32: 222–224.
 Buck, W. R. & R. H. Zander. 1980. On *Astomiopsis*, *Bryomanginia* and *Melophyllum* (Ditrichaceae). *Bryologist* 83: 254–255.
 Buck, W. R. 1980. A generic revision of the Entodontaceae. *J. Hattori Bot. Lab.* 48: 71–159.
 Buck, W. R. & R. A. Pursell. 1980 [1981]. *Fissidens brachypus*: a moss restricted to a freshwater Amazonian sponge. *Amazoniana* 7: 81–85.
 Buck, W. R. 1980 [1981]. Animadversions on *Pterigynandrum* with special commentary on *Forstroemia* and *Leptopterigynandrum*. *Bryologist* 83: 451–465.

- Buck, W. R. 1981. A review of *Cheilothela* (Ditrichaceae). *Brittonia* 33: 453–456.
- Buck, W. R. 1981. A re-interpretation of the Fabroniaceae, III: *Anacamptodon* and *Fabronidium* revisited, *Mamillariella*, *Helicodontiadelphus* and *Bryobartlettia* gen. nov. *Brittonia* 33: 473–481.
- Buck, W. R. 1981. The taxonomy of *Eriodon* and notes on other South American genera of Brachytheciaceae with erect capsules. *Brittonia* 33: 556–563.
- Churchill, S. P. & W. R. Buck. 1982. A taxonomic investigation of *Leptotheca* (Rhizogoniaceae). *Brittonia* 34: 1–11.
- Buck, W. R. 1982. On *Meiobecium* (Sematophyllaceae). *Contr. Univ. Michigan Herb.* 15: 137–140.
- Buck, W. R. 1982. *Nematocladia tesserata* genus et species novae (Myriniaceae). *Brittonia* 34: 414–416.
- Buck, W. R. & W. C. Steere. 1983. Un listado preliminar de los musgos de la Española. *Moscosoa* 2: 28–53.
- Buck, W. R. 1983. A revision of the Antillean species of *Trichosteleum* (Musci: Sematophyllaceae). *Moscosoa* 2: 54–60.
- Buck, W. R. 1983. A synopsis of the South American taxa of *Fabronia* (Fabroniaceae). *Brittonia* 35: 248–254.
- Buck, W. R. 1983. Nomenclatural and taxonomic notes on West Indian Sematophyllaceae. *Brittonia* 35: 309–311.
- Buck, W. R. 1983. New species and new combinations in the *Sematophyllum subpinnatum* complex (Sematophyllaceae). *Brittonia* 35: 327–330.
- Buck, W. R. & D. Griffin. 1984. *Trachyphyllum*, a moss genus new to South America with notes on African-South American bryogeography. *J. Nat. Hist.* 18: 63–69.
- Buck, W. R. 1984. *Bryosedgwickia*, a new synonym of *Platygyriella* (Hypnaceae). *Brittonia* 36: 86–88.
- Buck, W. R. 1984. *Pylaisiadelphus* replaces *Brotherella* (Sematophyllaceae). *Yushania* 1(2): 11–13.
- Buck, W. R. 1984. Taxonomic and nomenclatural notes on West Indian Hypnaceae. *Brittonia* 36: 178–183.
- Buck, W. R. 1984. On pseudoparaphyllia. *Evansia* 1: 9–11.
- Vitt, D. H. & W. R. Buck. 1984. The familial placement of *Bryonijekia* (Musci: Trachypodaceae). *Brittonia* 36: 300–306.
- Buck, W. R. 1985. A revision of *Schimperella* (Brachytheciaceae). *Brittonia* 37: 36–40.
- Buck, W. R. & E. P. McLean. 1985. "Mosses" in Lord Petre's herbarium collected by John Bartram. *Bartonia* 51: 17–33.
- Buck, W. R. 1985. A preliminary list of the mosses of Paraguay. *Candollea* 40: 201–209.
- Buck, W. R. & R. R. Ireland. 1985. A reclassification of the Plagiotheciaceae. *Nova Hedwigia* 41: 89–125.
- Buck, W. R. & D. H. Vitt. 1986. Suggestions for a new familial classification of pleurocarpous mosses. *Taxon* 35: 21–60.
- Buck, W. R. 1986. A new species of *Selaginella* section *Articulatae* (Selaginellaceae) from Paraguay. *Brittonia* 38: 45–47.
- Stark, L. R. & W. R. Buck. 1986. Corrections to *Forsstroemia* including *Bryonorrisia*, gen. nov. (Anomodontaceae). *Brittonia* 38: 48–54.
- Buck, W. R. 1986. Traditional methods in taxonomy: a personal approbation. *Taxon* 35: 306–309.
- Buck, W. R. 1986. *Wijkia* (Sematophyllaceae) in the New World. *Hikobia* 9: 297–303.
- Givnish, T. J., R. W. McDiarmid & W. R. Buck. 1986. Fire adaptation in *Neblinaria celiae* (Theaceae), a high-elevation rosette shrub endemic to a wet equatorial tepui. *Oecologia* 70: 481–485.
- Buck, W. R. 1985 [1987]. A review of *Taxitbelium* (Sematophyllaceae) in Brazil. *Acta Amazonica* 15(1–2, Supl.): 43–53.
- Buck, W. R. 1987. Taxonomic and nomenclatural rearrangement in the Hookeriales with notes on West Indian taxa. *Brittonia* 39: 210–224.
- Buck, W. R. 1987. Notes on Asian Hypnaceae and associated taxa. *Mem. New York Bot. Gard.* 45: 519–527.
- Beitel, J. & W. R. Buck. 1988. The use of subspecies in the *Dryopteris affinis* complex. *Fiddlehead Forum* 15: 15–16.
- Crum, H. & W. R. Buck. 1988. A contribution to the *Sphagnum* (Sphagnaceae) flora of Paraguay. *Brittonia* 40: 188–194.

- Delgadillo M., C. & W. R. Buck. 1988. *Levierella* (Fabroniaceae), a moss genus new to the Americas. *Bryologist* 91: 53–55.
- Buck, W. R. 1988. Taxonomic and nomenclatural notes on West Indian Amblystegiaceae and Brachytheciaceae. *Beih. Nova Hedwigia* 90: 337–343.
- Anderson, L. E. & W. R. Buck. 1988. *Entodon hampeanus* C. Müll., new and extinct in the United States. *Bryologist* 91: 113–115.
- Buck, W. R. 1988. *Donnellia* (Sematophyllaceae) resurrected and refound in Florida after 110 years. *Bryologist* 91: 134–135.
- Buck, W. R. 1988. Another view of familial delimitation in the Hookeriales. *J. Hattori Bot. Lab.* 64: 29–36.
- Harris, R. C., S. B. Selva, W. R. Buck, J. G. Guccion, J. Nelson & C. Schmitt. 1988. Lichens of southern Maine collected on the 1987 Andrews Foray. *Evansia* 5: 26–32.
- Buck, W. R. 1989. Miscellaneous notes on Antillean mosses, 1. *Thelia* (Anomodontaceae) and *Acaulon* (Pottiaceae) new to the West Indies. *Moscossa* 5: 186–188.
- Buck, W. R. 1989. Miscellaneous notes on Antillean mosses, 2. *Rhaphidostichum* (Sematophyllaceae) in the New World. *Moscossa* 5: 189–193.
- Buck, W. R. & B. M. Thiers. 1989. Review of bryological studies in the tropics. Pages 484–493. In: D. G. Campbell & H. D. Hammond (eds.), *Floristic inventory of tropical countries*. New York Botanical Garden, Bronx, NY.
- Buck, W. R. & S. P. Churchill. 1989. The identity of *Campylotrichum* (Callicostaceae). *Bryologist* 92: 123–125.
- Buck, W. R. & R. R. Ireland. 1989. Plagiotheciaceae. *Flora Neotrop. Monogr.* 50: 1–22.
- Tan, B. C. & W. R. Buck. 1989. A synoptic review of Philippine Sematophyllaceae with emphasis on Clastobryoideae and Heterophylloideae (Musci). *J. Hattori Bot. Lab.* 66: 307–320.
- Griffin, D., III & W. R. Buck. 1989. Taxonomic and phylogenetic studies on the Bartramiaceae. *Bryologist* 92: 368–380.
- Buck, W. R. 1989. The status of the South American moss genus *Syringothecium*. *Bryologist* 92: 529–532.
- Buck, W. R. 1989. *Henicodidium* replaces *Leucodontopsis* (Pterobryaceae). *Bryologist* 92: 534.
- Buck, W. R. & H. Crum. 1990. An evaluation of familial limits among the genera traditionally aligned with the Thuidiaceae and Leskeaceae. *Contr. Univ. Michigan Herb.* 17: 55–69.
- Buck, W. R. & B. C. Tan. 1989 [1990]. The Asiatic genera of Sematophyllaceae associated with *Trichosteleum*. *Acta Bryolichenologica Asiatica* 1: 5–19.
- Buck, W. R. 1990. Biogeography of the Greater Antillean mosses. *Trop. Bryol.* 2: 35–48.
- Buck, W. R. & I. Sastre-De Jesús. 1989 [1990]. Three moss genera new to Puerto Rico. *Bol. Ci. Sur* 16(4): 85–87.
- Zomlefer, W. B. & W. R. Buck. 1990. A reassessment of four *Rigodium* types. *Bryologist* 93: 303–308.
- Anderson, L. E., H. A. Crum & W. R. Buck. 1990. List of the mosses of North America north of Mexico. *Bryologist* 93: 448–499.
- Buck, W. R. 1990. Contributions to the moss flora of Guyana. *Mem. New York Bot. Gard.* 64: 184–196.
- Buck, W. R. 1990. A monograph of *Entodon* (Entodontaceae) in Australia, eastern Melanesia and southern Oceania. *Austr. Syst. Bot.* 3: 701–709.
- Buck, W. R. 1989 [1991]. Why are there so few mosses on tepui summits? Pages 46–51. In: T. Herben & C. B. McQueen (eds.), *Proceedings of the Sixth Meeting of the Central and East European Bryological Working Group (CEBWG)*. Botanical Institute of the Czechoslovak Academy of Sciences, Průhonice.
- Buck, W. R. 1991. Notes on neotropical Pterobryaceae. *Brittonia* 43: 96–101.
- Buck, W. R. 1991. The generic placement of *Anomodon lagoensis*. *Bryologist* 94: 82–83.
- De Luna, E. & W. R. Buck. 1991. An undescribed species of *Braunia* (Hedwigiaceae) from the Andean cloud forest. *Bryologist* 94: 401–403.
- Buck, W. R. 1991. The basis for familial classification of pleurocarpous mosses. *Advances Bryol.* 4: 169–185.
- Reese, W. D. & W. R. Buck. 1991. A sample of *Calymperes* and *Syrrophodon* from French Guiana. *Bryologist*

- 94: 298–300.
- Reese, W. D. & W. R. Buck. 1991. *Weissiodictyonum insularum* gen. et sp. nov. Bryologist 94: 308–310.
- Tan, B. C., W. R. Buck & M. S. Ignatov. 1990 [1992]. On the Himalayan *Struckia* C.Muell. and Russian *Cephalocladium* Lazar. (Musci, Hypnaceae). Lindbergia 16: 100–104.
- Buck, W. R. & J. A. Snider. 1992. *Crummuscus vitalis* gen. et sp. nov. (Ditrichaceae). Contr. Univ. Michigan Herb. 18: 39–41.
- Vitt, D. H. & W. R. Buck. 1992. Key to the moss genera of North America north of Mexico. Contr. Univ. Michigan Herb. 18: 43–71.
- Buck, W. R. 1992. A revision of *Philophyllum* (Hookeriales). Bryologist 95: 334–337.
- Buck, W. R. & A. Schäfer-Verwimp. 1992. *Brachydontium notorogenes* sp. nov. (Seligeriaceae) from southeastern Brazil. Bryologist 95: 340–342.
- Buck, W. R. & D. M. Vital. 1992. *Paranapiacabaea paulista*, a new genus and species of Sematophyllaceae from southeastern Brazil. Brittonia 44: 339–343.
- Crum, H. & W. R. Buck. 1992. *Sphagna* of the 1979 Projeto Flora Amazônica expedition. Brittonia 44: 448–460.
- Buck, W. R. & B. Allen. 1992. Meritorius Midwest mosses. Evansia 9: 89–90.
- Buck, W. R. & R. R. Ireland. 1992. *Symphiodon* (Symphyodontaceae) in the Americas. Bryologist 95: 433–435.
- Buck, W. R. & H. Crum. 1993. Notes on Guayana mosses with additional information on *Sphagnum ornatum*. Brittonia 45: 17–20.
- Buck, W. R. & A. Schäfer-Verwimp. 1991 [1993]. A reassessment of *Schraderobryum* (Sematophyllaceae). Bol. Mus. Paraense E. Goeldi, Bot. 7: 645–654.
- Buck, W. R. 1993. New state records for mosses. Evansia 10: 25–28.
- Buck, W. R. & L. E. Anderson. 1993. A preliminary list of mosses from Bienville National Forest, Mississippi. Evansia 10: 94–97.
- Sastre-D.J., I. & W. R. Buck. 1993. Annotated checklist of the mosses of Puerto Rico. Caribbean J. Sci. 29: 226–234.
- Buck, W. R. 1993. Taxonomic results of the BRYOTROP Expedition to Zaire and Rwanda. 24. Leskeaceae, Brachytheciaceae, Stereophyllaceae, Plagiotheciaceae, Entodontaceae, Sematophyllaceae p.pte, Hypnaceae (except *Hypnum*). Trop. Bryol. 8: 199–217.
- Buck, W. R. 1994. Three additions to the United States moss flora. Bryologist 97: 89–90.
- Buck, W. R. 1994. A new attempt at understanding the Meteoriaceae. J. Hattori Bot. Lab. 75: 51–72.
- Buck, W. R. 1994. In: A. J. Sharp, H. Crum & P. M. Eckel (eds.), The moss flora of Mexico. Mem. New York Bot. Gard. 69. Theliaceae (by H. Crum & W. R. Buck), pp. 680–681; Anomodontaceae (by H. Crum & W. R. Buck), pp. 680–689; Symphyodontaceae (by W. R. Buck & R. R. Ireland), pp. 767–769; *Pilosium* (by R. R. Ireland & W. R. Buck), pp. 817–820; Pterigynandraceae (by W. R. Buck & H. Crum), pp. 845–848; Leskeaceae (by H. Crum & W. R. Buck), pp. 847–860; Fabroniaceae, pp. 860–868; Myriniaceae, pp. 867, 869–872; Thuidiaceae (by H. Crum & W. R. Buck), pp. 873–887; *Rozæa*, pp. 915–918; Entodontaceae, pp. 948–962; Plagiotheciaceae (by R. R. Ireland & W. R. Buck), pp. 963–973; *Horridohypnum*, pp. 982, 984; *Platygyriella*, pp. 1019–1021.
- Shaw, A. J. & W. R. Buck. 1994. *Brachymenium deceptivum* sp. nov. (Bryaceae) from Ethiopia. Brittonia 46: 95–98.
- Ireland, R. R. & W. R. Buck. 1994. Stereophyllaceae. Fl. Neotrop. Monogr. 65: 1–50.
- Griffin, D., III, F. Snow & W. R. Buck. 1994. The bryophytes of Georgia's sandstone outcrops: I. The Broxton Rocks Ecological Preserve. Evansia 11: 81–87.
- Buck, W. R. 1994. A synopsis of the American species of *Donnellia* (Sematophyllaceae). Hikobia 11: 377–385.
- Buck, W. R. 1994. The resurrection of *Orthostichella*. Bryologist 97: 434–435.
- Buck, W. R. 1994. A nomenclatural correction in the Meteoriaceae. Bryologist 97: 436.
- Griffin, D., III, R. C. Harris & W. R. Buck. 1995. The bryophytes and lichens of Rock Hill Preserve, Florida. Evansia 12: 31–39.

- Buck, W. R. 1995. The systematic position of the moss genus *Rhacocarpus*. *Fragm. Flor. Geobot.* 40: 127–131.
- Buck, W. R. 1995. *Sematophyllum socotrense* Buck, spec. nova. In: A. N. Al-Gifri, H. Kürschner & B. Mies, New records, additions and a new species, *Sematophyllum socotrense* Buck (Sematophyllaceae, Musci) to the bryophyte flora of Socotra (Yemen). *Nova Hedwigia* 61: 476–479.
- Pursell, R. A. & W. R. Buck. 1996. *Fissidens saülensis* (Fissidentaceae), a new species from central French Guiana. *Brittonia* 48: 26–28.
- Koponen, T. & W. R. Buck. 1996. On the variation of leaf border in *Rhizomnium* (Cinclidiaceae). *Trop. Bryol.* 12: 119–122.
- Buck, W. R. & B. M. Thiers. 1996. Guidelines for collecting bryophytes. In: M. N. Alexiades (ed.), Selected guidelines for ethnobotanical research: a field manual. *Advances Econ. Bot.* 10: 143–146.
- Buck, W. R. & D. H. Norris. 1996. *Hedwigia stellata* and *H. detonsa* (Hedwigiaceae) in North America. *Nova Hedwigia* 62: 361–370.
- Infante, M., P. Heras & W. R. Buck. 1997. Bryophytes from the Republic of Equatorial Guinea (west-central Africa) II. Bryophytes collected by Emilio Guinea (1907–1985) in the island of Bioco in 1947. *Trop. Bryol.* 13: 131–135.
- Buck, W. R. & B. Allen. 1997. Ordinal placement of the Fontinalaceae. *Cryptog. Bryol. Lichénol.* 18: 227–234.
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