

CURRICULUM VITAE

BRIAN MOREY BOOM

The New York Botanical Garden
Bronx, NY 10458 USA
bboom@nybg.org

EDUCATION

1977, B.S. in Biology, University of Memphis,
Memphis, Tennessee

1979, M.S. in Botany, University of Tennessee,
Knoxville; Thesis: *Systematic Studies of the Genus Isoetes
in the Southeastern United States*

1983, M. Phil., Ph.D. in Biological Sciences, The City
University of New York; Dissertation: *A Revision of Isertia
(Isertiae: Rubiaceae)*

EMPLOYMENT

- 1972-1976 Museum Assistant, Department of Collections,
Memphis Museum, Memphis, Tennessee
- 1976-1977 Research Botanist, Department of Collections,
Memphis Museum, Memphis, Tennessee
- 1977-1979 Research Assistant, Department of Botany, University
of Tennessee, Knoxville
- 1980-1983 Herbarium Fellow, The New York Botanical Garden
- 1983-1984 Research Associate, Institute of Economic Botany, The
New York Botanical Garden
- 1984-1991 Associate Curator, Botanical Science Division, The New
York Botanical Garden
- 1990-1991 Director of Science Development, The New York
Botanical Garden
- 1991-1992 Director, Institute of Systematic Botany, The New York
Botanical Garden

1991-2001	Vice President for Botanical Science, The New York Botanical Garden
1995-2001	Pfizer Curator of Botany, The New York Botanical Garden
2001	President, All Species Foundation, San Francisco
2002-2004	Associate Director for Research, Center for Environmental Research and Conservation (CERC), Columbia University
2004-2006	Senior Science Development Officer, The New York Botanical Garden
2007-2009	Special Assistant to the President, The New York Botanical Garden
2007-2014	Director, Caribbean Biodiversity Program, The New York Botanical Garden
2012-present	Bassett Maguire Curator of Botany, The New York Botanical Garden
2014-present	Director, New York Botanical Garden Press, The New York Botanical Garden
2014-present	Director, Science Outreach, The New York Botanical Garden
2015-present	Vice President for Conservation Strategy, The New York Botanical Garden

OTHER PROFESSIONAL EXPERIENCE

1986-present	Representative of the Botanical Society of America to the American Association for the Advancement of Science's Professional Society Ethics Group (AAAS/PSEG)
1987-1990	Council Member, Torrey Botanical Society
1987-1991	Co-Chairman, International Chapters Committee, Society for Economic Botany
1988-1995	Chairman, Ethics Committee, Botanical Society of America

1988-present	Commission Member, Organization for Flora Neotropica
1989-1991	Co-Chairman, Ethics Committee, Society for Economic Botany
1989-present	Member of the Corporation, The New York Botanical Garden
1989-present	Representative of the Society for Economic Botany to the AAAS's Consortium of Affiliates for International Programs
1992-1994	Chairman, Environmental Values Committee, Systematics Agenda 2000
1992-1994	Co-Chairman, Working Group on the Institute of Biotic Resources, Committee for the National Institutes for the Environment
1995-1998	Chairman, Audit Committee, Society for Economic Botany
1995-2001	Member, Governing Board, Center for Environmental Research and Conservation (CERC)
1995-1999	Secretary, Society for Economic Botany
1996-1998	Member, Steering Committee, U.S. Organization for Biodiversity Information
1996-1999	Member, Scientific Program Committee, XVI International Botanical Congress
1997-1998	Member, Scientific Advisory Committee, Wildlife Preservation Trust International
1999-2000	Member, Nominations Committee, American Society of Plant Taxonomists
1999-2001	Reviewer, General Operating Support Grants, Institute of Museum and Library Services
1999-2001	President, Association of Systematics Collections
2000-2001	Member, Advisory Board, "Exploring the Pacific Rim"

2000-2001	Scientific Advisor to The Overbrook Foundation
2001-2002	President, Society for Economic Botany
2004-2005	Member, Scientific Program Committee, XVII International Botanical Congress
2007-2011	President, Torrey Botanical Society
2012-2015	Member, Board of Directors, The Explorers Club

EDITORSHIPS

2002-2003	Associate Editor, <i>Economic Botany</i>
1985-2001	Editorial Advisory Board, <i>Flora Neotropica</i>
1987-1991	Managing Editor, <i>Economic Botany</i>
1987-2001	Editorial Advisory Board, AAAS Professional Society <i>Ethics Group Newsletter</i>
1988-1992	Co-Editor, <i>Association of Systematics Collections Newsletter</i>

REVIEWER FOR: *Systematic Botany, Economic Botany, Advances in Economic Botany, Quarterly Review of Biology, Biotropica, Flora Neotropica, Brittonia, Columbia University Press, Novon, University of Chicago Press, Bulletin of the Torrey Botanical Society*

FIELD EXPERIENCE

USA	1976-1979, southeastern states
MEXICO	1 month in 1978; 3 months in 1980
BRAZIL	3 months in 1981; 2 months in 1982; 2 months in 1988; 1 month in 1989
ECUADOR	2 months in 1982; 1 month in 1983; 1.5 months in 1987-88
FRENCH GUIANA	5 months in 1982; 1 month in 1994

BOLIVIA	6 months in 1983-1984; 1 month in 1996
PUERTO RICO	1 month in 1986; 2 weeks in 1987, 1990, 1994, 1995, 1996, 1997
DOMINICAN REPUBLIC	2 weeks in 1986; 2 weeks in 2002; 2 weeks in 2007
VENEZUELA	2 months in 1984; 6 months in 1985; 3 months in 1986; 2 weeks in 1990; 1 month in 1992
GUYANA	4 months in 1987; 1 month in 1989
ST. EUSTATIUS	1 week in 2008

ECOTOURS LED FOR THE BOARD OF THE NEW YORK BOTANICAL GARDEN: ECUADOR, 1992; BRAZIL, 1993, 1999, 2009; PUERTO RICO, 1994; COSTA RICA, 2004; CHILE, 2005; CUBA, 2012 (3 trips).

LANGUAGES: English (native speaker); Spanish (reading and speaking capacity); Portuguese (reading and speaking capacity); French (reading capacity)

TESTIMONY PROVIDED TO THE UNITED STATES GOVERNMENT

July 26, 1991	Before the Subcommittee on Environmental Protection of the Senate Committee on Environment and Public Works: <i>Concerning S. 58: National Biological Diversity Conservation and Environmental Research Act</i>
January 15, 1992	Before the Committee on Environmental Research, Commission On Life Sciences of the National Research Council: <i>Federal Coordination and Support of Environmental Research in the United States</i>
September 14, 1993	Before the Subcommittee on Technology, Environment and Aviation and the Subcommittee on Investigations and Oversight Of the Committee on Science, Space, and Technology, U.S. House of Representatives: <i>On H.R. 1845: The National Biological Survey Act of 1993</i>
May 4, 1994	Before the Committee on Science, Space and Technology, U.S. House of Representatives: <i>Concerning Overall Federal Environmental Research & Development Enterprise</i>

March 21, 2000 Before the Subcommittee on Labor, Health and Human Services,
Education and Related Agencies of the Committee on
Appropriations of the U.S. House of Representatives: *The New
York Botanical Garden*

COMMUNITY SERVICE

Boy Scouts of America: Merit Badge Counselor (Conservation)

Town of Copake, Columbia County, NY: Member, Conservation Advisory Committee

Friends of Taconic State Park: Past-President of the Board of Directors

RESEARCH PUBLICATIONS

BOOM, B. M. and A. M. EVANS. 1979. *Isoetes butleri* in Georgia. *American Fern Journal* 69(2): 62.

BOOM, B. M. 1980. Intersectional hybrids in *Isoetes*. *Amer. Fern Jour.* 70(1): 1-4.

BOOM, B. M. 1981. *Senecio aureus x robbinsii* in the southern Appalachians. *Castanea* 46(2): 169-170.

MORI, S. A., G. T. PRANCE, and B. M. BOOM. 1981. Distribution patterns and conservation of eastern Brazilian coastal forest tree species. *Brittonia* 33(2): 233-245.

BOOM, B. M. 1981. The Ladew Expedition to Bolivia and Peru: George Tate's botanical collections. *Brittonia* 33(3): 482-489.

BOOM, B. M. and S. A. MORI. 1982. Falsification of two hypotheses on liana exclusion from tropical trees possessing buttresses and smooth bark. *Bulletin of the Torrey Botanical Club* 109(4): 447-450.

BOOM, B. M. 1982. Synopsis of *Isoetes* in the southeastern United States. *Castanea* 47(1): 38-59.

BOOM, B. M., E. J. LOTT, and F. CHIANG. 1982. *Isoetes butleri* in Texas. *Sida* 9(2): 264-265.

- MORI, S. A., B. M. BOOM, A. M. DE CARVALHO, and T. S. DOS SANTOS. 1983. Ecological importance of Myrtaceae in an eastern Brazilian wet forest. *Biotropica* 15(1): 68-70.
- MORI, S. A., B. M. BOOM, A. M. DE CARVALHO, and T. S. DOS SANTOS. 1983. Southern Bahian moist forests. *Botanical Review* 49(2): 155-232.
- BOOM, B. M. 1983. Chapman's Quillwort reconsidered. *American Fern Journal* 73(2): 39-42.
- BOOM, B. M. 1984. A revision of *Isertia* (Isertiaceae: Rubiaceae). *Brittonia* 36(4): 425-454.
- BOOM, B. M. 1984. Amazonian Indians and the forest environment. *Nature* 314: 324.
- BOOM, B. M. 1985. A new combination in *Palicourea* (Rubiaceae: Psychotrieae) with ethnobotanical notes from Amazonian Bolivia. *Brittonia* 37(2): 209-210.
- BOOM, B. M. 1985. Ethnopteridology of the Chácobo Indians in Amazonian Bolivia. *American Fern Journal* 75(1): 19-21.
- BOOM, B. M. 1985. A new species of *Gleasonia* (Henriquezieae: Rubiaceae) from Brazilian Guayana. *Brittonia* 37(3): 317-319.
- BOOM, B. M. 1986. The Chácobo Indians and their palms. *Principes* 30(2): 63-70.
- BOOM, B. M. 1986. A forest inventory in Amazonian Bolivia. *Biotropica* 18: 287-294.
- BOOM, B. M. 1987. Ethnobotany of the Chácobo Indians, Beni, Bolivia. *Advances in Economic Botany* 4: 1-68.
- MORI, S. A. and B. M. BOOM. 1987. Chapter II. The forest. In: S. A. MORI and Collaborators, The Lecythidaceae of a lowland neotropical forest: La Fumée Mountain, French Guiana. *Memoirs of The New York Botanical Garden* 44: 9-29.
- BOOM, B. M. and S. A. MORI. 1987. Chapter V. Location. In: S. A. MORI and Collaborators, The Lecythidaceae of a lowland neotropical forest: La Fumée Mountain, French Guiana. *Memoirs of The New York Botanical Garden* 44: 44-54.
- BOOM, B. M. and G. CREMERS. 1987. A checklist of the pteridophytes of Saül, French Guiana. In: S. A. MORI and Collaborators, The Lecythidaceae of a lowland Neotropical forest: La Fumée Mountain, French Guiana. *Memoirs of The New York Botanical Garden* 44: 172-174.

- BOOM, B. M. 1987. Un inventario selvatico en la zona amazonica del Bolivia. *Ecologia En Bolivia* 10: 1-14.
- PRANCE, G. T., W. BALEE, B. M. BOOM, and R. CARNEIRO. 1987. Quantitative ethnobotany and the case for conservation in Amazonia. *Conservation Biology* 1(4): 296-310.
- BOOM, B. M. 1988. The Chácobo Indians and their palms. In: M. J. Balick (ed.), The Palm—Tree of Life. *Advances in Economic Botany* 6: 91-97.
- STEYERMARK, J. A. and B. M. BOOM. 1988. *Faramea paludicola* Steyermark & Boom, In: J. A. Steyermark, Flora of the Venezuelan Guayana—IV. *Annals of the Missouri Botanical Garden* 75: 311-351.
- BOOM, B. M. 1988. Los indios Chácobo y su selva: Etnobotánica de una tribu Panoan en el noreste de Bolivia. *Museo Nacional de Historia Natural (Bolivia) Comunicación Numero* 7: 3-23.
- MAGUIRE, B. and B. M. BOOM. 1989. Gentianaceae, Part 3. In: B. Maguire and Collaborators, Botany of the Guayana Highland, Part XIII. *Memoirs of The New York Botanical Garden* 51: 2-55.
- MAGUIRE, B. and B. M. BOOM. 1989. Rutaceae. In: B. Maguire and Collaborators. Botany of the Guayana Highland, Part XIII. *Memoirs of The New York Botanical Garden* 51: 121-122.
- BOOM, B. M. 1989. Use of plant resources by the Chácobo. In: D. A. Posey and W. Balee (eds.). Resource Management in Amazonia: Indigenous and Folk Strategies. *Advances in Economic Botany* 7: 78-96.
- BOOM, B. M. 1989. A new species of *Pagamea* (Rubiaceae) from the Brazilian Guayana. *Brittonia* 41(2): 129-130.
- BOOM, B. M. 1989. New species of *Ternstroemia* (Theaceae) from the Guayana Highland. *Brittonia* 41(2): 136-142.
- BOOM, B. M. 1989. *Ternstroemia* (Theaceae), Pages 970-975. In: J. A. Steyermark, B. K. Holst, and Collaborators, Flora of the Venezuelan Guayana VII. Contributions to the Flora of Cerro Aracamuni, Venezuela. *Annals of the Missouri Botanical Garden* 76(4): 945-992.
- BOOM, B. M. 1990. Useful plants of the Panare Indians of the Venezuelan Guayana. In: G. T. Prance and M. J. Balick (eds.), New Directions in the Study of Plants and People. *Advances in Economic Botany* 8: 57-76.
- BOOM, B. M. and S. MOESTL. 1990. Ethnobotanical notes of José M. Cruxent from

- The Franco-Venezuelan expedition to the headwaters of the Orinoco River, 1951-1952. *Economic Botany* 44: 416-419.
- BOOM, B. M. 1990. Ethics in ethnopharmacology, Pages 147-153. *In: D. A. Posey and W. Overall (eds.), Ethnobiology: Implications and Applications.* Belem, Brazil: Museu Paraense Emilio Goeldi.
- BOOM, B. M. 1990. Flora and vegetation of the Guayana-Llanos ecotone in Estado Bolívar, Venezuela. *Memoirs of The New York Botanical Garden* 64: 254-278.
- PLOTKIN, M. J., M. ALLISON, and B. M. BOOM. 1991. The ethnobotany of Aublet's *Histoire des Plantes de la Guyane Française* (1775). *Monographs in Systematic Botany* 35: 1-108.
- BOOM, B. M. and M. T. CAMPOS. 1991 [1993]. A preliminary account of the Rubiaceae of a central Amazonian terra firme forest. *Boletim de Museu Paraense de Historia Natural* 7(2): 223-247.
- BOOM, B. M. 1994. A new species of *Rapatea* section *Paludosa* (Rapateaceae) from French Guiana. *Brittonia* 46: 314-316.
- PRANCE, G. T., W. BALEE, B. M. BOOM, and R. L. CARNEIRO. 1995. Quantitative Ethnobotany and the case for conservation in Amazonia. Pages 157-174. *In: R. E. Schultes and S. von Reis (eds.), Ethnobotany: Evolution of a Discipline.* Portland, Oregon: Dioscorides Press.
- BOOM, B. M. 1996. Societal and scientific information needs from plant collections. Pages 16-27. *In: T. F. Stuessy and S. H. Sohmer (eds.), Sampling the Green World: Innovative Concepts of Collection, Preservation, and Storage of Plant Diversity.* New York: Columbia University Press.
- BOOM, B. M. 1996. Ethnobotany of the Chácobo Indians, Beni, Bolivia. Second Edition. *Advances in Economic Botany* 4: 1-74.
- BOOM, B. M. 1997. Rapateaceae. Pages 360-364. *In: S. A. Mori and J. Mitchell (eds.), Guide to the vascular plants of central French Guiana. Memoirs of The New York Botanical Garden* 76(1): 1-422.
- BOOM, B. M. 1998. Tree diversity in lowland forest of El Parque Nacional La Neblina. Pages 39-54. *In: Science and Environment in Venezuela.* New York: The Venezuelan American Institute. 151 pages.
- STEVENSON, D. W., M. COLELLA, and B. M. BOOM. 1998. Rapateaceae. *In: K. Kubitzki (ed.), The Families and Genera of Vascular Plants.* Volume IV. Berlin: Springer-Verlag. 511 pages.

- DELPRETE, P. and B. M. BOOM. 1999. *Coussarea granvillei* (Rubiaceae, Coussareeae), a new species from French Guiana. *Brittonia* 51(4): 403-406.
- BOOM, B. M. 2001. Ethnobotany, pp. 115-118. *In*: R. Robinson, *Plant Sciences*. Volume 2. New York: Macmillan Reference USA.
- BOOM, B. M. and P. G. DELPRETE. 2002. Rubiaceae. *In*: S. A. Mori, G. Cremers, C. Gracie, J.-J. de Granville, S. V. Heald, M. Hoff and J. Mitchell (eds.), Guide to The vascular plants of central French Guiana. Part 2. Dicotyledons. *Memoirs of The New York Botanical Garden* 76(2): 606-649.
- AYMARD, G. A. and B.M. BOOM. 2002. A new species of *Tetracera* (Dilleniaceae) from Guyana. *Brittonia* 54(4): 275-278.
- BOOM, B. M. and D.W. STEVENSON. 2004. Tepuianthaceae, pp. 366-367. *In*: N. Smith, S. A. Mori, .A. Henderson, D. W. Stevenson and S. V. Heald (eds.), *Flowering Plant Families of the Neotropics*. Princeton University Press.
- BOOM, B. M. 2005. Global biodiversity inventory efforts: the case of the All Species Foundation. *Symbolae Botanicae Upsalienses* 33(3): 1-13.
- BOOM, B. M. 2005. A new species of *Remijia* (Rubiaceae) from Amazonian Brazil. *Brittonia* 57(2): 105-107.
- MILLER, J.S., H. A. PORTER-MORGAN, H. STEVENS, B. BOOM, G. A. KRUPNICK, P. ACEVEDO-RODRIGUEZ, J. FLEMING, and M. GENSLER. 2012. Addressing target two of the Global Strategy for Plant Conservation by rapidly identifying plants at risk. *Biodiversity and Conservation*, vol. 20, number 1. http://www.nybg.org/files/puerto_rico_conservation.pdf
- BOOM, B.M. 2012. Etnobotánica de los Chácobo (Beni, Bolivia). Translation by Ranier W. Bussmann and Narel Paniagua Zambrana, 84 pages, of Ethnobotany of the Chácobo Indians, Beni, Bolivia. Second Edition (1996). *Advances in Economic Botany* 4: 1-74.
- ANADON-IRIZARRY, V., D.C. WEGE, A. UPGREN, R. YOUNG, B. BOOM, Y.M. LEON, Y. ARIAS, K. KOENIG, A.L. MORALES, W. BURKE, A. PEREZ-LEROUX, C. LEVY, S. KOENIG, L. GAPE & P. MOORE. 2012. Sites for priority biodiversity conservation in the Caribbean Islands Biodiversity Hotspot. *Journal of Threatened Taxa* 4(8): 2806–2844. <http://threatenedtaxa.org/ZooPrintJournal/2012/August/o299606viii122806-2844.pdf>
- BOOM, B.M. 2012. Biodiversity without Borders: Advancing U.S.-Cuba cooperation through environmental research. *Science & Diplomacy* 9(3): 49-68. <http://www.sciencediplomacy.org/article/2012/biodiversity-without-borders>

MILLER, J.S., G.A. KRUPNICK, H. STEVENS, H. PORTER-MORGAN, B. BOOM, P. ACECEDO-RODRIGUEZ, J. ACKERMAN, D. KOLTERMAN, E. SANTIAGO, C. TORRES, and J. VELEZ. 2013. Toward Target 2 of the Global Strategy for Plant Conservation: An Expert Analysis of the Puerto Rican Flora to Validate New Streamlined Methods for Assessing Conservation. *Annals of the Missouri Botanical Garden* 99(2): 199-205.

<http://www.bioone.org/doi/abs/10.3417/2011121>

BOOM, B. M. 2016. Get it into print! 120 years of scholarly publishing by The New York Botanical Garden. *Brittonia* 68: 366-376. doi:10.1007/s12228-016-9429-1

BOOM, B.M. 2016. The role of The New York Botanical Garden in plant and fungal conservation. *Brittonia* 68: 305-316. doi:10.1007/s12228-016-9421-9.

ATHA, D., B. BOOM, A. THORNBROUGH, J. KURTZ, L. MCINTYRE, M. HAGEN, J.A. SCHULER, L. ROHLER, S.J. HEWITT, and J. KELLY. 2017. *Arum italicum* (Araceae) is invasive in New York. *Phytoneuron* 2017-31: 1–18.

ATHA, D. and B.M. BOOM. 2017. Field Guide to the Ash Trees of Northeastern United States. Center for Conservation Strategy, The New York Botanical Garden, Bronx. NY. 26 pp.

ATHA, D. and B. BOOM. 2018. State of New York City's Plants 2018. Center for Conservation Strategy. The New York Botanical Garden, Bronx, NY. 132 pp.

VANDEBROEK, I., D. PICKING, S. AIKEN, P.A. LEWIS, A. OBERLI, S. MITCHELL & B. BOOM. 2018. A review of coralilla (*Antigonon leptopus*): An invasive and popular urban bush medicine in Jamaica. *Economic Botany* 72: 229-245.

OTHER SCIENTIFIC REPORTS, POPULAR ARTICLES AND BOOK REVIEWS

BOOM, B. M. 1978. Review of M. E. Wharton and R. W. Barbour, *Trees and Shrubs of Kentucky*. *The Explorer* 20(1): 29.

BOOM, B. M. 1978. Replication of an oxbow lake habitat. *The Explorer* 20(3): 25-27.

BOOM, B. M. 1981. Our curious quillworts. *The Explorer* 23(1): 16-20.

- BOOM, B. M. 1982. Review of H. A. Crum and L. E. Anderson, *Mosses of Eastern North America*. *Quarterly Review of Biology* 57: 195-196.
- BOOM, B. M. 1985. “Advocacy botany” for the Neotropics. *Garden* 9(3): 24-28, 32.
- BOOM, B. M. and S. A. MORI. 1985. Falsificação de duas hipóteses sobre a relação entre cipos, raízes tabulares e casca de árvores tropicais. Pages 53-56. In: *Anais do XXXIII Congresso Nacional de Botânica*.
- BOOM, B. M. 1986. Review of N. L. Etkin (ed.), *Plants in Indigenous Medicine and Diet: Biobehavioral Approaches*. *Brittonia* 38(3): 307-308.
- BOOM, B. M. 1986. The Panare Indians of Venezuela. *The New York Botanical Garden's Members' Newsletter* 19(4): 6-7.
- BOOM, B. M. 1987. Libertad for Central America's forests? *Garden* 11(1): 3-5.
- BOOM, B. M. 1987. Review of C. Puff, *A Biosystematic Study of the African and Madagascan Rubiaceae—Anthospermeae*. *Brittonia* 39(2): 312.
- BOOM, B. M. 1987. The Panare Indians and their forest: Survival of a Venezuelan culture. *Journal of the Washington Academy of Science* 77: 178-182.
- BOOM, B. M. 1988. A new agenda for systematics: The personal component. *Association of Systematics Collections Newsletter* 16(1): 1-3.
- BOOM, B. M. 1988. The wisdom of wildness: In quest of a dying pharmacopoeia. *Thesis* 2(2): 25-29.
- BOOM, B. M. and A. WEITZMAN. 1988. Preliminary Report, Pages 503-506. In: C. Brewer-Carías (ed.), *Cerro de la Neblina: Resultados de la Expedición 1983—1987*. Caracas: FUDECI. 922 pages.
- BOOM, B. M. 1988. Review of S. Garg, *Gentianaceae of the North West Himalaya (A Revision)*. *Brittonia* 40(3): 297.
- MORI, S. A. and B. M. BOOM. 1989. In memoriam—Julian A. Steyermark (1909-1988). *Bulletin of the Torrey Botanical Club* 116: 75-76.
- BOOM, B. M. 1989. Review of J. S. Denslow and C. Padoch, *People of the Tropical Rain Forest*. *Bulletin of the Torrey Botanical Club* 116: 197.
- BOOM, B. M. 1989. Review of A. W. Mitchell, *The Enchanted Canopy: A Journey of Discovery to the Last Unexplored Frontier, the Roof of the World's Rainforests*. *Bulletin of the Torrey Botanical Club* 116(3): 302.

- BOOM, B. M. 1990. Review of L. B. Holm-Nielsen, I. C. Nielsen, and H. Balslev (eds.), *Tropical Forests. Botanical Dynamics, Speciation and Diversity*. *Brittonia* 42: 83-84.
- BOOM, B. M. 1990. Review of P. R. Kari, *Tanaina Plantlore. Dena'ina K'et'una. An Ethnobotany of the Dena'ina Indians of Southcentral Alaska*. Second Edition. *Brittonia* 42: 163.
- BOOM, B. M. 1990. Review of J. Clay, *Indigenous Peoples and Tropical Forests*. *Garden* 14(4): 30-31.
- BOOM, B. M. 1990. Review of S. H. Sohmer, *The Nonclimbing Species of the Genus Psychotria (Rubiaceae) in New Guinea and the Bismarck Archipelago*. *Brittonia* 42: 247-248.
- PRANCE, G. T., W. BALEE, B. M. BOOM, and R. L. CARNEIRO. 1990. Quantitative Ethnobotany and the case for conservation in Amazonia, Pages 117-129. In: S. Counsell and T. Rice, *The Rainforest Harvest: Sustainable Strategies for Saving The Tropical Forests?* London: Friends of the Earth. 293 pages.
- BOOM, B. M. 1990. Giving native peoples a share of the profits. *Garden* 14(6): 28-31.
- HOWARD, R. A. and B. M. BOOM. 1990. Bassett Maguire—An annotated biography. *Memoirs of The New York Botanical Garden* 64: 1-28.
- BOOM, B. M. 1991. Biological diversity crisis II. *Association of Systematics Collections Newsletter* 19(5): 63-64.
- BOOM, B. M. 1992. Annual Report of the Botanical Science Division of The New York Botanical Garden for Fiscal Year 1992. Office of the Vice President for Botanical Science.
- BOOM, B. M. 1993. Theales. Pages 677-679. In: Angiosperms. *The New Encyclopedia Britannica*, Volume 13, Macropaedia, ed. 15.
- BOOM, B. M. 1993. Annual Report of the Botanical Science Division of The New York Botanical Garden for Fiscal Year 1993. Office of the Vice President for Botanical Science.
- BOOM, B. M. 1994. Annual Report of the Botanical Science Division of The New York Botanical Garden for Fiscal Year 1994. Office of the Vice President for Botanical Science.
- BOOM, B. M. 1995. Annual Report of the Botanical Science Division of The New York Botanical Garden for Fiscal Year 1995. Office of the Vice President for Botanical Science.

- BOOM, B. M. 1996. Systematics collections: Databases for biodiversity conservation. *Field Notes* (Spring/Summer).
- BOOM, B. M. 1996. Biodiversity and medicine. *Field Notes* (Spring/Summer).
- BOOM, B. M. 1996. One hundred years of botanical research and scholarly publishing at The New York Botanical Garden. An introduction to the historical issue of *Brittonia*. *Brittonia* 48: 281-284.
- BOOM, B. M. 1996. Annual Report of the Botanical Science Division of The New York Botanical Garden for Fiscal Year 1996. Office of the Vice President for Botanical Science.
- BOOM, B. M. 1996. Botanical expeditions of The New York Botanical Garden. *Brittonia* 48: 297-307.
- BOOM, B. M. 1996. Review of C. Padoch and N. L. Peluso, *Borneo in Transition: People, Forests, Conservation, and Development*. *Field Notes* (Fall 1996/Winter 1997).
- BOOM, B. M. 1997. Botanical Research 1997: Annual Report of the Botanical Science Division of The New York Botanical Garden. Office of the Vice President for Botanical Science.
- BOOM, B. M. 1997. Enid A. Haupt Conservatory: *A World of Plants* opens with a scientific focus. *Field Notes* (Spring/Summer).
- ALDERTON, D. and I. STALIO. B. M. BOOM, editorial advisor. 1997. *Plants* (Ladybird Explorers Series). Ladybird Books. 32 pp.
- BOOM, B. M. 1997. The Cullman Program renewed and expanded with major gift. *Field Notes* (Fall 1997/Winter 1998).
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Climate Change Action, Post-Poland's COP24.

<https://www.nybg.org/blogs/science-talk/2018/12/climate-change-action-post-polands-cop24/> December 21, 2018

Mitigating Global Warming: A Botanical Approach, Part 1.

<https://www.nybg.org/blogs/science-talk/2019/01/mitigating-global-warming-a-botanical-approach-part-1/> January 7, 2019

Mitigating Global Warming: A Botanical Approach, Part 2.

<https://www.nybg.org/blogs/science-talk/2019/02/mitigating-global-warming-a-botanical-approach-part-2/> February 1, 2019

The Botany Bill: Proposed Legislation Highlights Importance of Native Plants on

Federal Lands. <https://www.nybg.org/blogs/science-talk/2019/03/the-botany-bill-proposed-legislation-highlights-importance-of-native-plants-on-federal-lands/>

March 1, 2019

United Nations Declares 2021–2030 the UN Decade on Ecosystem Restoration.

<https://www.nybg.org/blogs/science-talk/2019/04/united-nations-declares-2021-2030-the-un-decade-on-ecosystem-restoration/> April 8, 2019

Predicting Nature's Response to Climate Change: Extending U.S. Biodiversity

Collections. <https://www.nybg.org/blogs/science-talk/2019/04/predicting-natures-response-to-climate-change-extending-u-s-biodiversity-collections/> April 22,

2019

Biodiversity and Ecosystem Services: A New Global Assessment by the United Nations. <https://www.nybg.org/blogs/science-talk/2019/05/biodiversity-and-ecosystem-services-a-new-global-assessment-by-the-united-nations/> May 10, 2019

At a Crossroads: Plants and the Endangered Species Act. <https://www.nybg.org/blogs/science-talk/2019/08/at-a-crossroads-plants-and-the-endangered-species-act/> August 16, 2019

Amazonia Ablaze: A Record Year for Forest Fires in Brazil. <https://www.nybg.org/blogs/science-talk/2019/08/amazonia-ablaze-a-record-year-for-forest-fires-in-brazil/> August 23, 2019

BOOM, B. 2019. GROWING | City Nature Challenge 2019: Calling New York City's Citizen Scientists. *New York Makers*. Online, April 4, 2019
<https://newyorkmakers.com/blogs/magazine/growing-city-nature-challenge-2019-calling-new-york-city-s-citizen-scientists>

BOOM, B. 2019. VIBRANT | From Brazil to the Bronx: A Celebration of Spectacular Plant Collections and Creations. *New York Makers*. Online, May 15, 2019
<https://newyorkmakers.com/blogs/magazine/vibrant-from-brazil-to-the-bronx-a-celebration-of-spectacular-plant-collections-and-creations>

SELECTED RESEARCH AND PUBLIC PRESENTATIONS (1980-present)

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| 1980 | Lehman College, City University of New York |
| 1981 | Memphis Museum, Memphis, Tennessee |
| 1982 | XXXIII Brazilian Botanical Congress, Macio, Alagoas, Brazil |
| 1983 | Lehman College, City University of New York |
| 1984 | American Institute of Biological Sciences, Ft. Collins, Colorado |
| 1985 | Institute of Ecosystem Studies, Millbrook, New York
Lehman College, City University of New York, Bronx
The Charles A. Lindbergh Fund, Minneapolis, Minnesota
University of Tennessee, Knoxville, Tennessee
Memphis Museum, Memphis, Tennessee
Edward John Noble Foundation, New York City |
| 1986 | Universidad Nacional Experimental de los Llanos Ezequiel Zamora,
Guanare, Venezuela |

- 1987 XIV International Botanical Congress, Berlin
American Institute of Biological Sciences, Columbus, Ohio
- 1988 Florida Rainforest Alliance, Miami
Association of Systematics Collections, Chicago
Simposio de Botánica, Havana, Cuba
International Congress of Ethnobotany, Belem, Brazil
American Institute of Biological Sciences, Davis, California
- 1989 American Institute for Biological Sciences, Toronto
Forest Products, Paper and Packaging Conference, Carmel, California
Society for Economic Botany, Knoxville, Tennessee
Hungarian Academy of Sciences, Budapest
- 1990 Royal Geographical Society, London
University of Wisconsin, Madison
Latin American Botanical Congress, Havana, Cuba
- 1991 Empire State College, New York City
American Institute of Biological Sciences, San Antonio, Texas
American Association for the Advancement of Sciences, Washington
- 1992 American Institute of Biological Sciences, Honolulu, Hawaii
American Association for the Advancement of Sciences, Chicago, Illinois
IV World Congress on National Parks and Protected Areas, Caracas
- 1993 Munich Botanical Garden, Munich, Germany
Bowdoin College, Maine
Utah State University, Logan, Utah
American Association of Botanical Gardens and Arboreta, Orlando
Institute of Biological Sciences, Aarhus University, Denmark
Botanical Research Institute of Texas, Ft. Worth, Texas
Komarov Botanical Institute, St. Petersburg, Russia
- 1994 School of Forestry and Environmental Studies, Yale University
- 1995 American Museum of Natural History, New York City
Columbia University, New York City
- 1996 Society for Economic Botany, London
Columbia University, New York
American Association for the Advancement of Science, Baltimore
Association of Systematics Collections, Beltsville
- 1997 School of Forestry and Environmental Studies, Yale University
New York University, New York

- University of Florida, Gainesville
Pace University, Pleasantville, New York
- 1998 New York University, New York.
Columbia University, New York
School of Forestry and Environmental Studies, Yale University
- 1999 School of Forestry and Environmental Studies, Yale University
XVI International Botanical Congress, St. Louis
Bowdoin College, Maine
- 2000 Bok Tower Gardens, Lake Wales, Florida
American Association for the Advancement of Science, Washington, D.C.
American Institute of Biological Sciences, Washington, D.C.
Saint Peters College, New Jersey
World Cultural Summit, Versailles, France
Society for Economic Botany, Columbia, South Carolina
World Botanic Gardens Conference, Asheville, North Carolina
Environmental Protection Agency, Washington, D.C.
- 2001 Caribbean Biodiversity Conference, Punta Cana, Dominican Republic
ALL Species Megadiverse Countries Workshop, CONABIO, Mexico City
Summit for ALL Species, Harvard University, Cambridge
- 2002 Columbia University, New York City
Tropenbos Symposium, The Hague, The Netherlands
Smithsonian Botanical Symposium, Washington, D.C.
Latin American Botanical Congress, Cartagena, Colombia
- 2003 Species Plantarum, 250th Anniversary Symposium, Uppsala, Sweden
Urban Biosphere & Society: Partnership of Cities, New York City
- 2006 Biodiversity Research Institute, New York State Museum, Albany
- 2008 III Conferencia de los Jardines Botánicos del Caribe, Havana, Cuba
- 2009 Convención Internacional sobre Medio Ambiente y Desarrollo, Havana
The Role of Botanic Gardens in the Conservation of Plant Biological
Diversity, Cienfuegos, Cuba
- 2011 Plant Conservation and Sustainable Management in the
Jaragua-Bahoruco-Enriquillo Biosphere Reserve, Santo Domingo
Forests—Conservation and Management: Best Practices Discussed,
Church Center for the United Nations, New York City
- 2012 Puerto Rico & Virgin Islands Plant Conservation Workshop, Mayagüez
Taller Regional Sobre la Estrategia Global para la Conservación Vegetal y

- el Plan Estratégico para la Biodiversidad 2011-2020, Mexico City
Convención Trópico 2012, Havana, Cuba
An international symposium celebrating 30 years of the Flora of the
Bahamas: Conservation and Science Challenges, Nassau, Bahamas
- 2013 *Biodiversity without Borders: Earth Day Reflections on the Environment in Cuba*, Copake Falls, New York
- 2014 *Small Island Biodiversity Monitoring: Priorities, Progress..... and Perspiration* [with Hannah Madden], New York City
- 2015 *Nathaniel Lord Britton and the Making of The Scientific Survey of Puerto Rico*, New York City
Threatened Plant Species and the Identification of new Key Biodiversity Areas (KBAs), Washington, DC
X Convención Internacional sobre Medio Ambiente y Desarrollo, Havana
- 2016 Blues, Brews, and Botany Weekend: *The Botany of Beer: Beyond the Hops*, New York Botanical Garden, Bronx
Britton Gallery Talk, New York Botanical Garden, Bronx
- 2017 Daffodil Celebration and Wine Weekend: *The Botany of Wine: Beyond the Grape*, New York Botanical Garden, Bronx
6th Global Botanic Gardens Congress: Geneva, Switzerland
The Northeast Natural History Conference: *Strategy for Conserving Ash Trees in the Northeast*, Cromwell, Connecticut
https://www.eaglehill.us/NENHC_2017/NENHC2017.shtml
The New York City EcoFlora: Citizens Contributing Their Own Scientific Observations, The New York Botanical Garden, Bronx
Blues, Brews, and Botany Weekend: *The Botany of Beer: Beyond the Hops*, New York Botanical Garden, Bronx
Saving the American Ash, New York Botanical Garden, Bronx
- 2018 The 2018 Northeast Natural History Conference: The New York City EcoFlora Project: Connecting Urban People and Nature, Burlington, VT
Blues, Brews, and Botany Weekend: The Botany of Beer: Beyond the Hops, NYBG
Daffodil Celebration and Wine Weekend: The Botany of Wine: Beyond the Grape, NYBG
The New York City EcoFlora Project. Community-Driven Citizen Science for Health and the Environment, American Association for Advancement of Sciences, Washington, DC
Workshop on Environmental Sustainability and Historic Preservation in Cuba, Carnegie Endowment for International Peace, Washington, DC

First Annual New York City EcoFlora Conference, NYBG. Symposium organizer and moderator. <https://www.nybg.org/event/first-annual-new-york-city-ecoflora-conference/> and video <https://www.youtube.com/watch?v=OX8wWo4nuyg>

- 2019
- The New York City EcoFlora Project: Connecting Urban People and Nature*. Citizen Science Association Conference 2019, Raleigh, NC
- “The Scientist Is In” booth, Earth Day Weekend Celebration at NYBG, Bronx, NY
- Long Island Invasive Species Management Conference, Brentwood, NY
- Spring Uncorked at NYBG Weekend. The Botany of Wine: Beyond the Grape, NYBG
- Scaling and Expanding the EcoFlora Model for Citizen Science Engagement*, American Public Gardens Association Annual Conference: Washington, DC
- Fraxinus Diversity and Emerald Ash Borer: Delineating Species, Engaging Citizen Scientists*, Annual Meeting of the Society of American Foresters (SAF) in Louisville, KY
- 2020
- Scaling and Expanding the EcoFlora Model for Citizen Science Engagement*, Desert Botanical Garden (Phoenix), Marie Selby Botanic Gardens (Sarasota), Chicago Botanic Garden, Denver Botanic Gardens