

CURRICULUM VITAE

BRIAN MOREY BOOM

The New York Botanical Garden
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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 Founding 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
2012-2020	Bassett Maguire Curator of Botany, The New York Botanical Garden
2014-2020	Director, New York Botanical Garden Press, The New York Botanical Garden
2014-2020	Director, Science Outreach, The New York Botanical Garden
2015-2020	Vice President for Conservation Strategy, The New York Botanical Garden
2020-2023	Project Director, Institute of Museum and Library Services National Leadership Grant # MG-70-19-0057-19: <i>Scaling and Expanding the EcoFlora Model for Citizen Science Engagement</i> . The New York Botanical Garden
2020-present	Curator Emeritus, The New York Botanical Garden

OTHER PROFESSIONAL EXPERIENCE

1986-1990	Representative of the Botanical Society of America to the American Association for the Advancement of Science's Professional Society Ethics Group (AAAS/PSEG)
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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
1988-2020	Commission Member, Organization for Flora Neotropica
1989-1991	Co-Chairman, Ethics Committee, Society for Economic Botany
1989-2021	Member of the Corporation, The New York Botanical Garden
1989-2020	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; 2014-2020	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, Univ. of Chicago Press, Bulletin of the Torrey Botanical Society*

FIELD EXPERIENCE

USA	1976-1979, southeastern United 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, 2013 (3 trips).

LANGUAGES: English (native speaker); Spanish (substantial reading & speaking capacity); Portuguese (moderate reading & speaking capacity); French (minor speaking & good 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</i>

Biological Survey Act of 1993

- May 4, 1994 Before the Committee on Science, Space and Technology, U.S. House of Representatives: *Concerning Overall Federal Environmental Research & Development Enterprise*
- 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

- Friends of Taconic State Park: Past-President and current Member, Board of Directors
- Town of Copake, Columbia Co., NY, Secretary, Conservation Advisory Committee
- Town of Copake, Columbia Co., NY: Member, Comprehensive Plan Review Committee
- Boy Scouts of America: Merit Badge Counselor (Conservation)

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. BALÉE, 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. Balée (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. Overal (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>
- WHEELER, Q. D.; KNAPP, S.; STEVENSON, D. W.; STEVENSON, J.; BLUM, S. D.; BOOM, B. M.; BORISY, G. G.; BUIZER, J. L.; DE CARVALHO, M. R.; CIBRIAN, A.; DONOGHUE, M. J.; DOYLE, V.; GERSON, E. M.; GRAHAM, C. H.; GRAVES, P.; GRAVES, S. J.; GURNALNICK, R. P.; HAMILTON, A. L.; HANKEN, J.; LAW, W.; LIPSCOMB, D. L.; LOVEJOY, T. E.; MILLER, H.; MILLER, J. S.; NAEEM, S.; NOVACEK, M. J.; PAGE, L. M.; PLATNICK, N. I.; PORTER-MORGAN, H.; et al. 2012. Mapping the biosphere: Exploring species to understand the origin, organization and sustainability of biodiversity. *Systematics and Biodiversity* 10: 1–20. [doi:10.1080/14772000.2012.665095](https://doi.org/10.1080/14772000.2012.665095).
[S2CID 5658979](https://doi.org/10.1080/14772000.2012.665095).
- 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.
https://www.nybg.org/content/uploads/2018/01/SCI_Ash_Field_Guide_3_web.pdf
- 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.
https://www.nybg.org/content/uploads/2018/08/SCI_State-of-the-Citys-Plants-2018-FULL4.pdf
- 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.

- LAMONT, E.E., B.M. BOOM, W.R. BUCK, and D.W. STEVENSON (eds.). 2020. Historical issue: 150 years of the Torrey Botanical Society. *Memoirs of the Torrey Botanical Society* 29: 1—196.
- BOOM, B.M. 2020. One hundred fifty years of the Torrey Botanical Society: Reflections on a legacy of botanical exploration, publication, and outreach. *Memoirs of the Torrey Botanical Society* 29: 3—4.
- FRASER, S.M. and B.M. BOOM. 2020. John Torrey’s botanical legacies: Archives, library, and herbarium collections. *Memoirs of the Torrey Botanical Society* 29: 5—38.
- JACKSON, E.M. and B.M. BOOM. 2020. Scholarly publishing by the Torrey Botanical Society. *Memoirs of the Torrey Botanical Society* 29: 130—140.
- BOOM, B.M. 2020. Scott Alan Mori (1941—2020): An Appreciation. *The Botanical Review* 86(3-4): 149-179. DOI 10.1007/s12229-020-09232-0.
- LEVIN, M. O., MEEK, J. B., BOOM, B., KROSS, S. M., & ESKEW, E. A. 2022. Using publicly available data to conduct rapid assessments of extinction risk. *Conservation Science and Practice*, 4(3), e12628.
<https://conbio.onlinelibrary.wiley.com/doi/10.1111/csp2.12628>
- BOOM, B.M. 2022. Biodiversity without Borders Redux. *Science & Diplomacy*.
<https://doi.org/10.1126/scidip.adf7742>

OTHER SCIENTIFIC REPORTS, POPULAR ARTICLES & 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*.

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- BOOM, B.M. 2015. A Salute to Scott Mori. NYBG Science Talk Blog April 8, 2015. Archived at <https://www.nybg.org/read-watch/>.
- BOOM, B.M. 2015. Cuba Conference: Aiming for a New Model of Sustainable and Equitable Development. NYBG Science Talk Blog July 29, 2015. Archived at <https://www.nybg.org/read-watch/>.

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2019 Launched a new series of posts on climate change issues in Science Talk Blog:

Climate Change Action, Post-Poland's COP24. December 21, 2018. Archived at <https://www.nybg.org/read-watch/>.

Mitigating Global Warming: A Botanical Approach, Part 1. January 7, 2019. Archived at <https://www.nybg.org/read-watch/>.

Mitigating Global Warming: A Botanical Approach, Part 2. February 1, 2019. Archived at <https://www.nybg.org/read-watch/>.

The Botany Bill: Proposed Legislation Highlights Importance of Native Plants on Federal Lands. March 1, 2019. Archived at <https://www.nybg.org/read-watch/>.

United Nations Declares 2021–2030 the UN Decade on Ecosystem Restoration. April 8, 2019. Archived at <https://www.nybg.org/read-watch/>.

Predicting Nature's Response to Climate Change: Extending U.S. Biodiversity Collections. April 22, 2019. Archived at <https://www.nybg.org/read-watch/>.

Biodiversity and Ecosystem Services: A New Global Assessment by the United Nations. May 10, 2019. Archived at <https://www.nybg.org/read-watch/>.

At a Crossroads: Plants and the Endangered Species Act. August 16, 2019. Archived at <https://www.nybg.org/read-watch/>.

Amazonia Ablaze: A Record Year for Forest Fires in Brazil. August 23, 2019. Archived at <https://www.nybg.org/read-watch/>.

- 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>
- BOOM, B. 2020. Earth Day 50: Still Closing the Circle. April 22, 2020. Archived at
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- BOOM, B. 2020. The Scientific Legacy of Scott Mori. August 19, 2020. Archived at
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- BOOM, B. 2021. Foreword. *In: Strange Flowers: A Bilingual Coloring Book*, by K. CALVO. The Adventures of Pili's Book Club. Blurb Inc. 30 pp. Oct. 29, 2021.
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- MELUSO, A., J. NEALE, and B. BOOM. 2022. EcoFloras: Fostering Community and Biodiversity Discovery. *Public Garden Magazine* 37(3): 8-11.
- BOOM, B. 2023. Foreword. *In: The Girl Who Planted a Forest: A Bilingual Book*, by K. CALVO. The Adventures of Luna series. Bi-lingual edition, English-Spanish. Little Explorer, Big World. August 27, 2023.
- BOOM, B. 2023. Prólogo, pp. 9-11. *In: Charles Brewer-Carías. Plantas de los Tepuyes.* Altolitho: Caracas, Venezuela.
- BOOM, B. 2023. Solving Climate Change Conundrums: Ways Are There, but Can Society Find the Will? March 21, 2023. Archived at <https://www.nybg.org/read-watch/>.

SELECTED RESEARCH AND PUBLIC PRESENTATIONS (1980-present)

- 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
Dimensions of Imperial Science: Centennial of the Scientific Survey of
Puerto Rico (1913-2013). *N.L. Britton and the Making of The
Scientific Survey of Puerto Rico and the Virgin Islands*, New York
City
- 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
Sponsored Research Day: *Research Center Forum*, Fordham University, 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
Second Annual New York City EcoFlora Conference.
<https://www.nybg.org/event/second-annual-new-york-city-ecoflora-conference/>
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, and Denver Botanic Gardens; separate presentations in each city
Third Annual New York City EcoFlora Conference.
<https://www.nybg.org/event/third-annual-new-york-city-ecoflora-conference/>
- 2021 *Fourth Annual New York City EcoFlora Conference.*
<https://www.nybg.org/event/fourth-annual-new-york-city-ecoflora-conference/>
- 2022 YouTube interview: BRIAN BOOM | Emeritus CURATOR at the New York BOTANICAL GARDEN | On *STRANGE FLOWERS*. [children's coloring book
<https://www.youtube.com/watch?v=TZopjQjmV7k>
- Fifth Annual New York City EcoFlora Conference.*
<https://www.youtube.com/watch?v=AsBhkN94OQ0>
- 2023 *Sixth Annual New York City EcoFlora Conference.*
<https://www.youtube.com/watch?v=u6PZRnwGYRw>