

CURRICULUM VITAE

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Birth Date: March 18, 1941

Family: Married; two children (45, 42)

Highest Degree: Ph.D. 1967, Columbia University (Ph.D. Thesis: A study of spirality patterns in *Lilium tigrinum* Ker with special reference to the inflorescence, 118 p.)

Other Degrees: M.A. 1964, Columbia University

B.S. 1962, The City College, CUNY

Employment: Professor Emeritus, Biology Department, Queens College (since 1998)

Professor, Biology Department, Queens College, 1987-1998

Associate Professor, Biology Department, Queens College, 1975-1986

Assistant Professor, Biology Department, Queens College, 1967-1974

Travel: Through contiguous United States; western, southern and maritime Canada; Mexico: Baja California [Norte], Baja California Sur, Federal District, Yucatan, Oaxaca, Puebla, Veracruz and Tamaulipas States; Central America and Antilles: Antigua; Aruba, Bahamas, Belize, Bonaire, Costa Rica; Dominica; Grenada; Jamaica; Panama; Puerto Rico; St. Kitts; St. Maarten; Trinidad and Tobago; U.S. Virgin Islands; South America: Suriname; Galapagos Islands, Quito and Guayaquil, Ecuador; Chile: from Santiago to Punta Arena; Argentina from Ushuaia to Buenos Aires; Africa: Kenya; Madagascar; Republic of South Africa: Cape Town, West Coast, Overberg, Kwazulu Natal, Mpumalanga; Seychelles; Asia: India (esp. Kerala); Japan (to study forest composition) from Kyushu to Hokkaido; Sri Lanka; Singapore; Chiang Mai, Thailand; Taiwan; Europe: Amsterdam, The Netherlands; Helsingor, Denmark; Stockholm, Sweden, Helsinki, Finland; Talinn, Estonia; Russia: St. Petersburg, Moscow, (Black Sea:) Pitsunda, Sochi, Sukhumi; Germany: Berlin, Passau; Austria: Duernstein, Salzburg, Vienna; Hungary: Budapest, Nemesvary; Czech Republic: Prague; Slovakia: Bratislava; U.K: London.; France: Paris; Greece: Athens, Peloponnese, Delphi, Mt. Parnassus, Meteora, Ionnina-Vikos NP, Crete (eastern), Greek Islands; Italy: Rome, Alte Adige (Dolomites), Venice, Florence, Naples, Catania, Calabria, Sicily; Spain: Andalusia, Canary Islands; Portugal; Slovenia; Croatia; Turkey from Istanbul to Ankara, south to Antalya, and the Black Sea coast; Romania (Transylvania and Danube delta); Hawaii: Oahu, Maui, Kauai; Republic of Fiji; New Caledonia; Australia: Tasmania, Adelaide, Kangaroo Island, Melbourne, Sydney, Blue Mountains, Alice Springs, Uluru, Olga Mtns., Queensland: Cairns, Mossman, Daintree, Cape Tribulation.

Foreign Languages:

Read scientific texts in French, German, Spanish, Russian (poorly)

Speak Spanish (essential), German (poorly)

Consulting and Editorial Work

<u>Institution</u>	<u>Dates</u>	<u>Title</u>
N.Y.C. Department of Parks	1985	Consultant (Vegetation)
Torrey Botanical Club	1984-1994	Book Review Editor
McGraw Hill Book Company	1984	Reviewer
National Park Service	1983-1992	Contractor
National Science Foundation	1983-1990	Grant Referee
Benjamin Cummings Publ. Co.	1980	Editorial Consultant
American Journal of Botany	1978,1986,1990	Reviewer
Internat. Journ. Plant Sciences	1972	Reviewer
Journ. Torrey Botanical Society	1979-93; 2007	Reviewer
Ecology (Ecol. Soc. Amer.)	1989	Reviewer
Black Rock Forest Foundation	1991	Grant Reviewer
Greenbelt Conservancy, Staten Island	2000.....	Contractor, (Natural Vegetation and Flora)
Twomey, Latham, Shea & Kelley:		
Attorneys at Law	1992	Consultant (Ecology)
NYC Audubon Society	1993	Contractor (Ecology)
Greenbelt Conservancy, Staten Island	2000.....	Contractor, (Natural Vegetation and Flora)
Nassau County Museum of Art (NCMA)	2000.....	Contractor (Horticultural Taxonomy);
NCMA: Garden Committee	2001-present	Member (Consultant, Taxonomy and Ecology)
Department of Botany University of Peradeniya, Sri Lanka	June, 2001	Curriculum Consultant
Elsevier Press,	2006.....	Consultant, Text Book
North Shore Land Alliance, Nassau County, NY		Consultant (Honorary; Land Management)
Prospect Park Advisory Committee,	2008-	Committee Member (Ecology; Landscape
Columbia University Press, NY	2008	Consultant, Text Book Proposal
Springer Verlag, Germany	2008	Consultant, Text Book Proposal
The Nature Conservancy	2008-2010	Consultant (Honorary), Invasive Plants
Seatuck Environmental Association	2009, 2012	Consultant: Flora and Vegetation
Nassau County Museum of Art/Wm.C. Bryant Pres. <i>Botanica Pacifica</i> (Vladivostok, Russia)		Consultant, Grassland Restoration Editorial Council, Member

Publications

Journal Articles

- 1969 Grellier, Andrew M.. Spiral developmental patterns in the stem and inflorescence of *Lilium tigrinum*. American Journal of Botany 56: 575-583.
- 1970 Grellier, Andrew M. and E.B. Matzke. Organogenesis, aestivation and anthesis in the flower of *Lilium tigrinum*. Botanical Gazette (Intern. J. Pl. Sci.) 131: 304-311.
- 1972 Grellier, Andrew M. Observations on the forests of northern Queens County, Long

- Island, from colonial times to the present. *Bulletin of the Torrey Botanical Club* 99: 202-206.
- 1973 Lefkowitz, A. and Greller, Andrew M. The distribution of tree species on the uplands of Cunningham Park, Queens County, New York. *Bulletin of the Torrey Botanical Club* 100: 313-318.
- 1974 Greller, Andrew M. Vegetation of roadcut slopes in the tundra of Rocky Mountain National Park, Colorado. *Biological Conservation* 6: 84-93.
- 1974 Greller, Andrew M., Goldstein, M. and L. Marcus. Snowmobile impact on three alpine tundra plant communities. *Environmental Conservation* 1: 101-110.
- 1975 Greller, Andrew M. Persisting natural vegetation in northern Queens County, New York, with proposals for its conservation. *Environmental Conservation* 2: 61-69.
- 1977 Greller, Andrew M. A vascular flora of the forested portion of Cunningham Park, Queens County, New York, with notes on the vegetation. *Bulletin of the Torrey Botanical Club* 104: 170-176.
- 1977 Greller, Andrew M. A classification of mature forests on Long Island, New York. *Bulletin of the Torrey Botanical Club* 104: 376-382.
- 1978 Greller, Andrew M., Calhoun, R.E., and J.M. Mansky. Grace Forest, a mixed mesophytic stand on Long Island, New York. *Botanical Gazette* 139: 482-489.
- 1979 Greller, Andrew M. A vascular flora of the forested portion of Cunningham Park, Queens County, New York: Corrections and additions. *Bulletin of the Torrey Botanical Club* 106: 45.
- 1979 Greller, Andrew M., Calhoun, R.E. and E. Iglich. The upland, oak-dominated community of Forest Park, Queens County, New York. *Bulletin of the Torrey Botanical Club* 106: 135-139.
- 1980 Greller, Andrew M. Correlation of some climate statistics with broadleaved forest zones in Florida, U.S.A. *Bulletin of the Torrey Botanical Club* 107: 189-219.
- 1980 Greller, Andrew M., and S. Balasubramaniam. A preliminary floristic-climatic classification of the forests of Sri Lanka. *The Sri Lanka Forester* 14 (3,4): 163-171.
- 1980 Greller, Andrew M., Gunatilleke, C.V.S., Gunatilleke, I.A.U.N. and S. Balasubramaniam. A phytosociological analysis of three stands of forest in the vicinity of Peradeniya, Kandy District. *The Sri Lanka Forester* 14 (3,4): 153-161.
- 1981 Balasubramaniam, S. and A. M. Greller. Floristic analysis of the eight zonal forest types of Sri Lanka. *Phyta (University of Peradeniya)* 2 (1): 13-20.
- 1982 Greller, Andrew M., Calhoun, R.E. and J. Mansky. An Oak, Hickory—Dogwood forest on central Long Island, New York. *Bulletin of the Torrey Botanical Club* 109: 219-225.
- 1983 Greller, Andrew M. and David C. Locke. Stone Fort at Fort Totten: last habitat of *Woodsia obtusa* and *Asplenium platyneuron* in Queens County, Long Island, New York? *American Fern Journal* 73: 6-8.
- 1983 Greller, Andrew M. and Linda Rachele. Climatic limits of exotic genera in the Legler palynoflora (Miocene, New Jersey, U.S.A.). *Review of Palaeobotany and Palynology* 40: 149-163.
- 1985 Greller, Andrew M. A vascular flora of the forested portion of Cunningham Park, Queens County, New York: Corrections and additions - II. *Bulletin of the Torrey Botanical Club* 112: 312.
- 1986 Greller, A.M. and Garcia, O.L. Variation in the canopy composition in the forest of Alley Park, Queens County, New York. *Bulletin of the Torrey Botanical Club* 113(1): 36-41.

- 1987 Grellier, A.M., Gunatilleke, I.A.U.N., Jayasuriya, A.H.M., Gunatilleke, C.V.S, Balasubramaniam, S. and M.D. Dassanayake. *Stemonoporus* (Dipterocarpaceae)-dominated montane forests in the Adam's Peak Wilderness, Sri Lanka. *Journal of Tropical Ecology* 3: 243-253.
- 1988 Stalter, R. and A. Grellier. A floristic inventory of the Gateway National Recreation Area, New York-New Jersey. *Rhodora* 90(861): 21-26.
- 1988 Grellier, A.M. and S. Balasubramaniam. Vegetational composition, leaf size, and climatic warmth in an altitudinal sequence of evergreen forests in Sri Lanka (Ceylon). *Tropical Ecology* 29(1): 121-145.
- 1989 Grellier, A.M. Correlation of warmth and temperateness with the distributional limits of zonal forests in eastern North America. *Bulletin of the Torrey Botanical Club* 116: 145-163.
- 1989 Grellier, A.M. Vascular flora of the Kalbfleisch Field Research Station of the American Museum of Natural History, Suffolk County, Long Island, New York. *Bulletin of the Torrey Botanical Club* 116: 174-181.
- 1990 Grellier, A.M., Locke, D.C., Kilanowski, V. and Lotowycz, E. Changes in vegetation composition and soil acidity between 1922 and 1985 at a site on the North Shore of Long Island, New York. *Bulletin of the Torrey Botanical Club* 117: 450-458.
- 1990 Grellier, A.M. Comparison of humid forest zones in eastern Mexico and southeastern United States. *Bulletin of the Torrey Botanical Club* 117: 382-396.
- 1991 Grellier, A.M., Panuccio, M.K., and Durando, C.M. A vascular flora of Cunningham Park, Queens County, New York: Corrections and Additions -III. *Bulletin of the Torrey Botanical Club* 118: 330-332.
- 1992 Grellier, A.M., Buegler, R., Johnson, E., Matarazzo, R, and Anderson, K. Two unusual plant communities in Tottenville, Staten Island, New York, with *Celtis occidentalis* and *Asimina triloba*. *Bulletin of the Torrey Botanical Club* 119: 446-457.
- 1997 Grellier, A.M., Mohanan, N., Balasubramanyan, K., Wijesundara, D.S.A. Composition of forests at the Tropical Botanic Garden and Research Institute, Palode, and comparisons with some forests of adjacent areas, Kallar and Ponmudi (Trivandrum District, Kerala, India). *J. South Asian Nat. Hist.* 2(2): 165-182.
- 2000 Grellier, A.M., Durando, C., Marcus, L.F., Wijesundara, D.S.A., Byer, M.D., Cook, R., and Tanacredi, J.T.. Phytosociological analysis of restored and managed grassland habitat within an urban national park. *Urban Ecosystems* 4: 293-319.
- 2001 Grellier, A.M. and Clemants, S.E. Flora of the Southern Portion of West Hills Park, Suffolk County, New York, with considerations of provenance of some long-distance disjuncts. *Journal of the Torrey Botanical Society* 128 (1): 76-89.
- 2003 Grellier, A.M. A review of the temperate broad-leaved evergreen forest zone of southeastern North America: floristic affinities and arborescent vegetation types. *The Botanical Review* 69 (3): 269-299.
- 2004 Levine, M.E. and Grellier, A.M. Ecological and floristic analyses of vascular plants along a gradient on disturbed serpentinite on opposing slopes in Staten Island, NY. *J. Torrey Botan. Soc.* 131(1): 69-92.
- 2005 Grellier, A.M., G.E. Lotowycz, G. Moore, E. Lamont, H. Binger, B. Connolly, V. Dankel, J. Hoar, C. Johnston, A. Mangiacapre, J. Schmidt, L. Zimmerman, Vincent Luisi, Mary Laura Lamont, Steven E. Clemants. Vascular flora of Caumsett State Historic Park, Lloyd Neck, Long Island, New York, with notes on the vegetation. *J. Torrey Botanical Society* 132(1): 149-168.

- 2006 Grellier, A.M., Dankel, V. and Locke, D.L. Habitat observations of *Geum vernum* in Kings Point Park, Long Island, and a discussion of the species' potential invasiveness in New York State. *Urban Habitats* (Rutgers University, N.J, *on-line*.) 4(1): 133-136.
2007. Grellier, A.M. New identifications for three plant fossils from the Upper Cretaceous of Lloyd Neck, Long Island. *American Paleontologist* 15(3): 36-37; 39.
- 2008 Grellier, A.M., Conolly, B., Blanchard, O. and Kelly, R.. Vascular flora of Caumsett State Historic Park, Lloyd Neck, Long Island, New York: Corrections and Additions. *J. Torrey Bot. Soc.* 135(1): 147-148.
- 2009 Grellier, A.M. and Barringer, K. Vascular flora of Caumsett State Historic Park, Lloyd Neck, Long Island, New York: Corrections and additions-II. *Journ. Torrey Botan.Society* 136(2): 284-285.
2011. Grellier, A.M., Lindberg, A.J., Levine, M.E. and Lindberg, L.A. *Magnolia acuminata*, *M. macrophylla* and *M. tripetala* in oak-dominated forests on the North Shore of Long Island, New York. *Journ.Torrey Botan.Society* 138(2): 223-236.
2013. Grellier, A.M. Climate and regional composition of deciduous forest in eastern North America and comparisons with some Asian forests. *Botanica Pacifica* (Vladivostok, Russia) 2(1): 3-18.
- Submitted. Morgan, E.C. and Grellier, A.M. Changes in the canopy tree species composition within the forested uplands of Cunningham Park, Queens County, New York. *Urban Habitats* (Rutgers University, *on-line*).
- Submitted. Grellier, A.M., Weston, Peter, Michael Goudket, Eleanor Magid, Leonard Cannone, Gerry Moore, Zeev Lewy and Daniel Habib. *Afrasita lejalnicoliae* Krassilov, Lewy and Nevo, a proteaceous follicle from the Aptian (Lower Cretaceous) of the Middle East. *Australian Journ. Botany* XX(X): XXX-XXX.

Book Chapters

1987. Gunatilleke, I.A.U.N., Grellier, A.M., Jayasuriya, A.H.M., Gunatilleke, C.V.S., . Balasubramaniam, S., and M.D. Dassanayake. A phytosociological study of some stands dominated by *Stemonoporus* Thw. (Dipterocarpaceae) in montane forest of Sri Lanka, p 519-530. In A.J.G.H.Kostermans (Ed.), *Proceedings of the Third Round Table Conference on Dipterocarps*. Regional Office for Science and Technology for Southeast Asia, UNESCO; Jl Thamrin 14, Jakarta, Indonesia.
1988. Grellier, A.M. Deciduous Forest, Chapter 10, p. 287-326. In M.G. Barbour and D.W. Billings (Ed.), *North American Terrestrial Vegetation*. Cambridge Univ. Press, N.Y.
1993. Grellier, A.M. and Balasubramaniam, S. Physiognomic, floristic, and bioclimatological characterization of the major forest types of Sri Lanka, p. 55-77. In, W. Erdelen (Ed.), **"Ecology and Landscape Management in Sri Lanka; Symposium, 12-25 March 1990, Colombo, Sri Lanka."**
1993. Jayasuriya, A.H.M., Grellier, A.M., Balasubramaniam, S., Dassanayake, M.D., Gunatilleke, I.A.U.N., and Gunatilleke, C.V.S. Phytosociological studies of the lower montane evergreen mixed forest of Sri Lanka implications for forest regeneration and conservation of rare endemic flora, p. 79-94. In, W. Erdelen (Ed.), **"Ecology and Landscape Management in Sri Lanka; Symposium, 12-25 March 1990, Colombo, Sri Lanka."**
1997. Gutierrez, E., Grellier, A.M. and D. Given. "Climes relictos, biomes disjuntos," Chapt.1.1: pp. 17-22." In, R. Folch (Gen.Dir.) **"Biosphere," Vol. 6. Selvas temperadas.**

- Enciclopedia Catalonia, S.A., Spain: Barcelona
1997. Gutierrez, E., Grellier, A.M. and D. Given. "Humitat oceanica, ni fred ni calor," Chapt.1.2: pp. 31-36." In, R. Folch (Gen.Dir.) "**Biosphere**," **Vol. 6. Selves temperades**. Enciclopedia Catalonia, S.A., Spain: Barcelona.
1997. Gutierrez, E., Given, D., Grellier, A.M., Santos, A., Camarasa, Tagawa, H., Balandin, S.A., Ohsawa, H., Rzedowski, J. and L.C. da Silva. "Les selves temperades al mon," Chapt.1.4: pp. 37-52." In, R. Folch (Gen.Dir.) "**Biosphere**," **Vol. 6. Selves temperades**. Enciclopedia Catalonia, S.A., Spain: Barcelona.
1997. Gutierrez, E., Yoneda, T., Grellier, A.M., Dudley, N, Stolton, S., Camarasa, J.M., Rzedowski, J. and L.C. da Silva. "El funcionament ecologic de les selves temperades," Chapt.2.1: pp. 55-80." In, R. Folch (Gen.Dir.) "**Biosphere**," **Vol. 6. Selves temperades**. Enciclopedia Catalonia, S.A., Spain: Barcelona.
1997. Gutierrez, E., Given, D.R., Grellier, A.M., Camarasa, J.M., Dudley, N, Stolton, S., Santos, A., Ohsawa, M., Balandin, S.A., Equihua, M., Benitez, G., Tagawa, H., Rzedowski, J. and L.C. da Silva. "La flora i el poblament vegetal," Chapt.2.2: pp. 81-149." In, R. Folch (Gen.Dir.) "**Biosphere**," **Vol. 6. Selves temperades**. Enciclopedia Catalonia, S.A., Spain: Barcelona.
2000. Grellier, A.M. Vegetation in the Floristic Regions of North and Central America, Chapter 3, p. 39-87. In, D. Lentz (ed.) *Imperfect Balance*. New York: Columbia Univ. Press.
2010. Grellier, A.M. Salt Marsh Productivity [Chapter], pp. 102-111; In, John Potente (ed.). *Long Island Salt Marshes*. Memoirs of the Torrey Botanical Society, Volume 26. Published in Association with the Long Island Botanical Society.
- In Press. Grellier, A.M., Wijesundara, D.S.A. and Jayasuriya, A.H.M. Classification of Lower Montane Evergreen Forests in Southern India and Sri Lanka. IAVS Commemorative Volume (Festschrift) in Honor of the 70th Anniversary of the Birth of Prof. Dr. Kazue Fujiwara.

NEWSLETTER OF THE LI BOTANICAL SOCIETY ARTICLES

Morgan, Eric C. and Grellier, Andrew M. (In Press) A *Fraxinus americana* – *Liriodendron tulipifera* stand in Queens County, Long Island, with notes on the soil composition. Quarterly Newsletter of the Long Island Botanical Society Vol. XX:XX-XX.

Grellier, A.M., Bustamante, V., Penny, L., Naczi, R., Kelly, R. and Feder, M. 2013. Field notes and morphological observations of some Montauk oaks. Quarterly Newsletter of the Long Island Botanical Society Vol. 23(3, Summer): 25, 27-31, 34.

Morgan, Eric C. and Grellier, Andrew M. 2012. *Phellodendron amurense* and the woodlands of Long Island. Quarterly Newsletter of the L.I. Botanical Society 22(4): 29; 33-34.

Grellier, A.M. and Lamont, E.E. 2012. The Story of St. Ronan's Well, Flushing Bay, Queens, New York: Once a Premier Collecting Site for Now-Uncommon Long Island Plants. Quarterly Newsletter of the L.I. Botanical Society 22(2): 13; 15-18.

Greller, A.M. and Herth, Garrett. 2011. Report on the finding of *Houstonia pusilla* Schoepf and *Oxalis exilis* A. Cunn. at two New York State parks on the South Shore of Long Island. Quarterly Newsletter of the Long Island Botanical Society Vol. 21(4): 34-35.
Partial retraction [*Oxalis exilis*] Quarterly Newsletter of the Long Island Botanical Society Vol. 23(3, Summer): 34.

Greller, A.M. and Goudket, M. 2010. A *Dodonaea* (Sapindaceae: Dodonaeoideae)-like capsule from the Upper Cretaceous of Long Island (Magothy Fm., Santonian Age). Quarterly Newsletter of the Long Island Botanical Society 20(4): 25, 27-28, 30.

Greller, A.M. 2008. Identities of Three Plant Fossils from the Upper Cretaceous of Lloyd Neck, Long Island. Quarterly Newsletter of the Long Island Botanical Society 18(2): 17; 19-20.

Greller, A.M. and Goudket, M. 2007. *Dewalquea*, a fossil leaf from the Upper Cretaceous of Lloyd Neck, Long Island. Quarterly Newsletter of the Long Island Botanical Society 17(3): 21; 23.

Greller, A.M., Dankel, V. and Locke, D.C. 2006. *Geum vernum*: New York State endangered plant in Kings Point Park, Town of North Hempstead: more evidence for climate change? Quarterly Newsletter of the Long Island Botanical Society 16(4): 33; 35-36.

Greller, A.M., Morgan, E. and Sperling, J. 2006. A swamp forest complex with Siberian Elm at the southern end of Willow Lake, Flushing Meadows Park, Queens County. Quarterly Newsletter Long Island Botanical Society 16 (3): 28-29.

Greller, A.M. 2002. Outline of a Revised Classification for Mature Forests and Related Vegetation on Long Island, NY. Quarterly Newsletter Long Island Botanical Society 12(1): 10.

Greller, A.M. 2001. Outline of a Revised Classification for Mature Forests and Related Vegetation on Long Island, NY. Quarterly Newsletter of the Long Island Botanical Society 11(2): 16-17, 11(3): 33-34.

Book Reviews:

1972 Leaders of American Conservation. By Henry Clepper [ed.]. The Ronald Press. 353 p. 1971, \$10. Bulletin of the Torrey Botanical Club 99: 42.

1976 Flowers of the Mountain Country. By Stanley L. Welsh and Bill Ratcliffe. Brigham Young University Press. 81 p. 1976. \$10.95. BTBC 103: 271.

1977 Urban Vegetation: A Review and Chicago Case Study. By James A. Schmid. The University of Chicago Department of Geography Research Paper No. 161. xii + 266 p. 1975. \$5.00. BTBC: 104: 286.

1977 Paleoecology of Terrestrial Plants. Basic Principles and Techniques. By V.A. Krassilov. John Wiley and Sons, N.Y. vii + 283 p. 1975. \$24.50. BTBC 104: 285-286.

1983 New Jersey Wild Plants. By Mary Y. Hough. vii + 414 p. Harmony Press, Harmony, N.J. Paperback (no price given). BTBC 110: 543-544.

1984 Common Florida Angiosperm Families, Part I. By Wendy B. Zomlefer. iii+107 p. Gainesville, Fla. 1983. \$8.50. BTBC 111: 234.

1984 The Nature of Naturalization II. Studies in Naturalization: 1925-1980. The Introduced Flora of Aton Forest, Connecticut. By Frank E. Egler. Claude E. Phillips Herbarium, Delaware State College, Publication No. 6. ix + 145 p. Dover, Delaware. 1983. \$5.00 paper. BTBC 111: 387.

1984 A Synoptic Classification of Living Organisms. By R.S.K. Barnes [ed.]. Sinaur Associates, Inc., Sunderland, Massachusetts. ix + 273p. 1984. \$11.50 paper. BTBC 111: 388-389.

1985 Flowers of the Himalaya. By Oleg Polunin and Adam Stainton. xxx + 580 p. Oxford University Press, Oxford/New York, 1984. \$45.00. BTBC 112: 329-330.

1985 Ecology and Biogeography in Sri Lanka. Edited by C.H. Fernando. xix + 505p. Dr. W. Junk Publ. The Hague/Boston/Lancaster. 1984. \$110.00. BTBC 112: 88-90.

1985 A Guide to the Plant Communities of the Napeague Dunes. By Ann F. Johnson. 58p.+ 35 plates. Privately printed, Southampton, N.Y. 1985. \$6.95. BTBC 112: 456-457.

1986 Chorological Phenomena in Plant Communities. Edited by R. Neuhausl, H. Dierschke, and J.J. Barkman. Advances in Vegetation Science. Dr.W. Junk Publishers, Dordrecht/Boston/Lancaster. iv + 270 p. 1986 \$75.00. BTBC 113: 62-63.

1987 Plant Systematics, 2nd edition. By Samuel B. Jones, Jr. and Arlene Luchsinger. xii + 512 p. McGraw-Hill, Inc., New York. 1986.. \$36.95. BTBC 114: 199.

1987 Flora of Tropical Botanic Garden, Palode. By T.S. Nayar, K.C. Koshy, C. Sathish Kumar, N. Mohanan and S. Mukuntha Kumar. 144 p. Tropical Botanic Garden and Research Institute, P.B. No. 2415, Navaranga Road, Trivandrum - 095 011, India.1986. \$5.00. BTBC 114: 341-342.

1987 Handbook of Northeastern Indian Medicinal Plants. By James A. Duke. xvi+212 pages, illustrated, bibliography (no table of contents, no index). Quarterman Publications, Lincoln, MA. 1986. Price \$30.00. (with Lynn Ceci). BTBC 114:

1988 Late Cenozoic History of the Pacific Northwest: Interdisciplinary studies of the Clarkia beds of northern Idaho. Edited by C.J. Smiley. 417 p. Pacific Division of the American Association for the Advancement of Science, California Academy of Sciences, Golden Gate Park, San Francisco, CA. 94118 1985 \$28.95 (cloth). BTBC 115: 56-58.

1988 The Distribution of the Vascular Flora of Georgia. By Samuel B. Jones, Jr. and Nancy

Craft Coile. Preface (2 pages) + 230 pages, maps. Herbarium, Department of Botany, University of Georgia, Athens, GA. 30602. 1988. \$3.00 (paperback). BTBC 115:321-322.

1988 The Poconos: An Illustrated Natural History Guide. By Carl S. Oplinger and Robert Halma. 308 pages, illustrated. Rutgers University Press, 109 Church Street, New Brunswick, N.J. 08901. 1988. \$30.00 (cloth), \$12.95 (paper). BTBC 115: 325.

1989 Trees of the Southeastern United States. By Wilbur H. Duncan and Marion B. Duncan. xi+ 322 pages, illustr., The University of Georgia Press, Athens, GA. 1988. \$19.95 (cloth). BTBC 116: 78-79.

1990 Indicator Plants of Coastal British Columbia. By K. Klinka, V.J. Krajina, A. Ceska, and A.M. Scagel. 288 pp. University of British Columbia Press, Vancouver. 1989. \$36.95 (softcover). BTBC 117: 185-186.

1990 Flowers of the Himalaya: A Supplement. By Adam Stainton. xi+ 86 p.+ 129 pl. Oxford University Press, N.Y. (cloth). BTBC 315.

1990 Terrestrial Vegetation of California, New Expanded Edition. Edited By M.G. Barbour and J. Major ix+ 1030 p., California Native Plant Society, Special Publication Number 9, Sacramento, California. 1988. ISBN 0-943460-13-1. \$59.95 (cloth). BTBC 117: 469.

1991 The Vegetation and Flora of Tennessee. Edited by E.W. Chester. Tennessee Academy of Sciences, Austin Peay University, Clarksville, TN. 1989. \$10.00 (paper) BTBC 118: 211-212.

1992 Cyprus: A Chronicle of its Forests, Land and People. By J.V. Thirgood. 402 p. University of British Columbia Press, Vancouver, Canada. ISBN 7748-0268-5 \$48.00 (cloth). BTBC 119: 96-97.

1993 Evolutionary Trends in Flowering Plants. By Armen Takhtajan. x + 241p. Columbia University Press, N.Y. 1991. ISBN 0-231-07328-3. \$44.00 (cloth). BTBC 120: 76-77.

1993 A Forest Journey: The Role of Wood in the Development of Civilization. By John Perlin. 445 p. Harvard University Press, Cambridge, Mass. 1991. ISBN 0-674-30892-1. \$14.95 (paper). BTBC 120: 77.

1994 Vegetation of New Zealand. By Peter Wardle. xx + 672 p. Cambridge Univ. Press, Cambridge, U.K. 1991. (Hardcover) \$220. ISBN 0-521-25873-1. BTBC 121: 87-88.

1994 British Plant Communities, Volume 1. Woodlands and Scrub. Edited by J.S. Rodwell. x + 395 p. Cambridge Univ. Press, Cambridge, U.K. 1991. \$160 (Hardcover). ISBN 0-521-23558-81. BTBC 121: 301-302.

1995 LaSelva: Ecology and Natural History of a Neotropical Rainforest. Edited by L.A. McDade, K.S. Bawa, H.A. Hespenheide and G.S. Hartshorn. The University of Chicago Press, Chicago and London. 1994. x+486 p.\$90. ISBN 0-226-03950-1 (cloth); 0-226-03952-8 (paper). BTBC 122: 69.

1995 Botany in India: History and Progress, Volume I. Edited by B.M. Johri. 1994. Science Publishers, Inc., Lebanon, New Hampshire. xxxi+521 p. Hardcover \$85.00 ISBN 1-886106-04-5. BTBC 122: 247-8.

1996 Mediterranean-Type Ecosystems: The Function of Biodiversity. Edited by G.W. Davis and D.M. Richardson. 1995. Springer-Verlag, xviii+366 p. + 67 Fig. + 21 Tab. \$128.00. ISBN 3-540-57809-9. BTBC 123: 70-71.

1996 A Manual of California Vegetation. By J.O. Sawyer and T. Keeler-Wolf. 1996. California Native Plant Society, Sacramento, Calif. \$39.00 (paper), \$55.00 (hardcover). BTBC 123: 250.

2005 Forest Canopies, 2nd Ed.. By Margaret D. Lowman and H. Bruce Rinker. 2004. London: Elsevier, Inc. xxiii + 517 pp.. \$79.95 (hardcover). Journal of the Torrey Botanical Society 132(3): 535-536.

2006 Wildflowers in the Field and Forest: A Field Guide to the Northeastern United States. By Steven Clemants and Carol Gracie. 2006. xxxiv+445 pp. \$35.00. Oxford University Press, New York. U.S. ISBN: 0-19-515005-8. Journal of the Torrey Botanical Society 133 (3):495-497.

2007. Plants on Islands: Diversity and Dynamics on a Continental Archipelago by M.L. Cody. 2006. Berkeley (California): University of California Press. \$49.95. x+259 p + 25 pl; ill; index. ISBN: 0-520-24729-9 The Quarterly Review of Biology 82: 171-172.

2007. Wormwood Forest: A Natural History of Chernobyl. by Mary Mycio. 2005. Joseph Henry Press of the National Academic Press, Washington, D.C. xii+ 259 pp. \$27.95. ISBN 0-309-09430-5 (cloth). J. Torrey Bot. Soc. 134(3): 431-432.

2012. Spring Wildflowers of the Northeast: A Natural History. Carol Gracie. 272 pp. Princeton University Press, Princeton and Oxford.USD \$29.95. ISBN: 978-0-691-14466-5.Hardcover. J. Torrey Bot. Soc. 139(3): 347.

Amazon.com Book Reviews (botanical)

May 31, 2006. A new field guide to northeastern wildflowers, A review of: "Wildflowers in the Field and Forest: A Field Guide to the Northeastern United States." by Steven Clemants and Carol Gracie.(Oxford: Glassberg Field Guide) (Paperback).

January 14, 2012. Thinking of dropping off the grid? A review of "Tropical Plant Collecting - From the Field to the Internet" [Paperback] by Scott A. Mori, Amy Berkov, Carol A. Gracie, Edmund F. Hecklau. Florianopolis, Brazil: TECC Editora.

May 14, 2012. A glorious book for a glorious subject. A review of "Spring Wildflowers of the Northeast: A Natural History." 2012. by Carol Gracie. Princeton and Oxford: Princeton University Press. 272 pp. ISBN 978-0-691-14466-5. \$29.95 (hardcover).

Field Trip Reports

1971. May 16. Terminal moraine, Holliswood-Bellerose, New York. Bulletin of the Torrey Botanical Club 98: 228
1972. April 30. Greenbelt at Todt Hill, Staten Island, New York. BTBC 99: 100-101.
- 1972.. May 14. Riverhead, New York BTBC 99: 101.
1973. May 14. Alley Park, Queens County, New York. BTBC 100: 128.
1975. May 3. Terminal moraine, Queens Village to Bellerose, N.Y. (With T.F. Schweitzer). BTBC 102: 144.
1975. September 20. Riverhead, N.Y. BTBC 102: 415-416.
1976. April 24. Saxon Woods Park, Harrison, N.Y. BTBC 103: 269.
1977. June 12. Point Woods, Montauk Point State Park, N.Y. BTBC 104: 399.
1979. October 21. Alley Park, Queens County, N.Y. BTBC 106: 48.
1979. April 23, 1978. Oakland Lake and Ravine, Bayside, N.Y. (With A. Euler). BTBC 106: 144-145.
1979. May 12. Dunnfield Creek, Delaware Water Gap National Recreation Area, Warren County, N.J. (With A. Belling and D. Basile) BTBC 106: 350-351.
1980. September 29. Queens County Farm Museum, Creedmoor Farm, Little Neck, N.Y. (With J. Trent). BTBC 107: 84-85.
1980. A botanical excursion across the Peak Wilderness (With S. Balasubramaniam, C.V.S. Gunatilleke, and I.A.U.N. Gunatilleke). Loris (Colombo, Sri Lanka) 15(5):1-3.
1985. Exploring for Stemonoporus (Dipterocarpaceae) Forests in the Peak Wilderness (With N. & S. Gunatilleke, S. Balasubramaniam, and A.H.M. Jayasuriya). Loris (Colombo, Sri Lanka) 17(1): 5-7.
1992. New Plants from West Hills County Park, Suffolk County, New York. NYFA (New York Flora Association) Newsletter 5(3): 3.
1997. Peconic River Field Trip Report. Metro Forest News (Metropolitan New York Forest Ecosystem Council, Inc., Brooklyn, NY) 3(2): 5-6.

2000. Mixed hardwood swamp forest on rolling uplands near Lake Success on Long Island, New York. The Quarterly Newsletter of the Long Island Botanical Society 10(2): 18-21.
2001. Outline of a revised classification for mature forests and related woody vegetation on Long Island, NY [Part I]. The Quarterly Newsletter of the Long Island Botanical Society 11(2): 16-17.
2001. Outline of a revised classification for mature forests and related woody vegetation on Long Island, NY [Part II]. The Quarterly Newsletter of the Long Island Botanical Society 11(3): 33.
2001. [Plant Sightings] Persimmon. The Quarterly Newsletter of the Long Island Botanical Society 11(3): 27.
2002. Outline of a revised classification for mature forests and related woody vegetation on Long Island, NY [Part III]. The Quarterly Newsletter of the Long Island Botanical Society 12(1): 10.
2002. [Plant Sightings] Conifers (*Torreya nucifera* and *Cephalotaxus fortunei* saplings). The Quarterly Newsletter of the Long Island Botanical Society 12(1): 3.
2002. [Plant Sightings] Late Flowering (Jones Beach, Nov. 25, 2001, 14 plants in flower). The Quarterly Newsletter of the Long Island Botanical Society 12(1): 3.
2004. Some Interesting Plant Sightings. The Quarterly Newsletter of the Long Island Botanical Society 14(3): 22-23.
2005. Grace Forest: A letter to Governor George Pataki. The Quarterly Newsletter of the Long Island Botanical Society 15(1): 8-9.
2006. [Plant Sightings, unattributed paragraph 2] William Cullen Bryant Preserve...The Quarterly Newsletter of the Long Island Botanical Society 16(1): 10.
2006. [Plant Sightings, unattributed paragraph 5] ...Kings Point...The Quarterly Newsletter of the Long Island Botanical Society 16(1): 10.
2007. September 30, 2006. Muttontown Preserve, Oyster Bay, and Caumsett State Historic Park, Huntington, Suffolk Co., New York. September 30, 2006. Journ. Torrey Bot. Soc. 134: 151.
2008. Greller, A.M., Kelly, R. and B Conolly. [Plant Sightings]. Quarterly Newsletter of the Long Island Botanical Society 18(3): 20-21.

Membership in Professional Societies (Last five years only)

Caumsett Foundation, Advisory Board, 2012-

Long Island Native Plant Initiative (LINPI), founding Advisory Board member, 2011-

Torrey Botanical Society: President, 2003-2005, 1988-1989; Book Review Editor, 1983-1995;

Vice-President, 1979-80 and 1987-88; Chairman, Local Flora and Vegetation Committee, 1973-1989; Chairman, Field Committee, 1973-76; Member, Council, 1982-4, 2000-2003, 2005- present; Corresponding Secretary, 1989-1990.

Sigma Xi: 1967-1980, 1983-present

Long Island Botanical Society: 1986-present; Vice-President, 2007- present; Chair, Conservation Committee 2005-2007

New York State Flora Association 1992-present

The Nature Conservancy, Long Island Chapter: Member, Long Island Invasive Species Management Area (LIISMA) – Species Review Committee, 2008-2010 (“Certificate of Gratitude,” March 17, 2010)

The Explorers Club (New York, N.Y.) 1997-2009

Fulbright Alumni Association 1981-2007

International Association of Vegetation Science 2000-present

Association of Tropical Biology and Conservation 2005-present

Grants

NIH: Fogarty International Center, International Cooperative Biodiversity Groups (ICBG 1001TW01019-01): "Biodiversity, Conservation and Utilization of Sri Lankan Flora." \$4,392,472; submitted Jan. 20, 1998 (not funded)

Professional Staff Congress-City University of NY Award No. 666182: "Phytosociology and Ecology of Montane Rain Forests in Sri Lanka." \$3,200; July 1, 1995

FIPSE Research/Mentor Program, Awarded to D. Savage, Department of Sociology, Queens College: "... Flora of Caumsett State Park." (Awarded to A. Greller for Summer 1994 Project: \$4,000; December, 1993).

Howard Hughes Medical Institute Grants:

Summer Research Participation by High School Teachers - 1994. \$9,750. Three teachers funded: Henry Binger, Joan Schmidt, Lewis Zimmerman (Flora of Caumsett St. Pk.).

Undergraduate Summer Research (SPUR)-1994. \$2,400. One QC undergraduate funded: Vincent Luisi (Plants of Medicinal Value in the Flora of Caumsett State Park.)

Howard Hughes Medical Institute Grant for Summer Research Participation by High School Teachers - 1993. \$6,000. Two teachers funded: Odile Garcia (Forest Climatology) and Paul Palmisano (Local Flora).

Professional Staff Congress-City University of New York Award Program No. 23, Grant 6-63158: "Phytosociological and bioclimatic comparisons of evergreen sclerophyllous woodlands in Alta- and Baja California and in Turkey." Funded, two years: \$9,140, on Sept. 1, 1992).

New York Flora Association Grants Program: "Floristic Inventory of an Oak Forest on Long Island, Containing Three Plants New to the Flora of New York State." (Funded: \$350 on May 23, 1992).

National Park Service, Gateway National Recreation Area, New York-New Jersey, RFQ-GATE-1-0020: "Phytosociological Analysis of Managed Grassland." (Awarded: \$10,000 on Sept. 1, 1991).

New York Natural Heritage Program (NYS Dep't. Environm. Conserv.): "Small Grant" for location of sites for some New York State Rare Plants (Funded \$450 on April 23, 1990).

National Science Foundation (NSF) "Field Research on Diversity of Lower Montane Forests in the Travancore Phytogeographical Sector, India... Travel Award in Indian Currency." Grant INT-8820119 (Funded \$3,000, 1988).

National Academy of Sciences, National Research Council: NAS Interacademy Exchange Program with the Soviet Academy of Sciences. Selected as Alternate, 1987.

National Science Foundation. "Field Research on the Composition of some stands of Lower Montane Forest in the Travancore Phytogeographical Sector, India." Grant INT-8611849 in support of travel to India (Funded \$3,000, on June 25, 1986).

The Long Island Community Foundation. "Acid Rain, Soil Acidity, and Native Plant Distribution on the North Shore of Long Island: 1922 and 1985 Compared," (with David C. Locke and W. Grace Lotowycz). (Funded \$1,500, 1985).

NSF/SDC. "Determination of Ranges and Preliminary Characterizations of Two Newly-Recognized Forest Types in Sri Lanka" INT-8317600, Jan. 15, 1984-June 30, 1985 (Funded \$21,000. 1983).

NSF Summer Institute for Intermediate School and High School Science Teachers at Queens College Caumsett Center 1978-1979, 1979-1980. Member, Professional Staff (Philip White, P.I.).

NSF Academic Year Extension Grant GY-8559, 1970-72.

NSF University of Colorado, Institute of Arctic and Alpine Research, Fellowship for Research Participation by College Teachers, 1970 and 1971.

Research Interests

Bioclimatology; syntaxonomy of tropical and temperate forests; vegetation ecology; biodiversity of flora and natural ecosystems in urban areas; paleoecology and paleobotany

Academic and Professional Honors

Honoree, "2014 Outstanding Advocate for Science & Technology Award," Science Museum of Long Island, April 30, 2014

Member, Editorial Council of *Botanica Pacifica: A Journal of Plant Science and Conservation*, Vladivostok, Russia. 2012-present.

Certificate of Gratitude, March 17, 2010: The Nature Conservancy, Long Island Chapter, for membership on Long Island Invasive Species Management Area (LIISMA) – Species Review Committee (SRC), 2008-2010.

Outside Examiner for Promotion to Associate Professor/Professor, University of Peradeniya, Sri Lanka, 2010

Honorary Life Member of Torrey Botanical Society: awarded by Torrey Society Council 2009.

Outside Examiner for Special Honours, Botany Department, University of Peradeniya, Sri Lanka, 1999-2004

Honorary Research Associate of the New York Botanical Garden, Institute of Systematic Botany: 1998-present

Honorary Research Associate of the Brooklyn Botanic Garden: 1997-2013 (Science Department eliminated)

Invited Lecture: "Comparison of Zonal Vegetation and Climate in Eastern Mexico and the South-Eastern U.S.A." (Foerst der Waelder Series), November 11, 1991, Universitaet fuer Bodenkultur, Vienna, Austria.

Teacher of the Year Award, 1983-84: Medical Awareness Committee of Queens College

Member, Graduate Faculty of the City University of New York, 1984-1998; 1998-present (Emeritus); Executive Committee 1987; Queens College Committee 1987-1992.

Research Associate in Paleobotany, Cleveland Museum of Natural History, 1983-present

Fulbright Senior Lecturer, Department of Botany, University of Peradeniya, Sri Lanka, 1980-1981; Visiting Assoc. Prof. 1984-1985; Visiting Professor 2001.

Commissioner, [New York State] Northeastern Queens Nature and Historic Preserve Commission, 1979-82, Trustee, 1982-1990.

Visiting Botanist, Kalbfleisch Field Research Station of the American Museum of Natural History, 1976-1980

U.S. Environmental Protection Agency: Certificate of Appreciation, 1976

Visiting Assistant Professor of Botany, University of California, Davis, 1975

Collaborator, National Park Service (Rocky Mountain National Park), 1971-3

License: Teacher of General Science in Junior High Schools, Board of Education of the City of New York, October, 1965

Columbia University Graduate Fellowship, 1962-3

License (Provisional): Teacher of Biology in High Schools, New York State Education Department, September 1962

New York State Regents [College] Scholarship 1958-1962

Scientific and Popular Talks

"Natural History of Romania and Birds of the Danube Delta," presented to the membership of the Long Island Botanical Society, April 8, 2014.

"An Ecologist Glimpses the Flora and Vegetation of New Caledonia," presented to the staff of the NY Botanical Garden, Science Seminar Series, Room 302, Watson Bldg., March 28, 2014.

"Natural History of Madagascar: the island that time forgot," presented to the membership of the Long Island Botanical Society, at Stony Brook University, April 9, 2013.

"Flora and Vegetation of the North Shore of Long Island," presented to Teachers Summer Workshop of Seatuck Environmental Association, at "Greentree," Manhasset, NY, June 26, 2012.

"A Botanist Looks at the Trees and Shrubs of Nassau County Streets, Parks, and Gardens." Lecture presented at the Nassau County Cornell University Agricultural Extension conference, *Urban Forestry Education Day: Lessons to Learn to Lessen Tree Loss*. Old Bethpage Village auditorium, March 16, 2012.

"Biodiversity, Suburban Style". Lecture presented to the membership of the Long Island Botanical Society, Muttontown Preserve, Nassau County, December 13, 2011

"Vegetation of the Baja California Peninsula." Science Seminar, NY Botanical Garden, October 21, 2011.

"Natural History of the West Indies" (a series of five lectures for Royal Caribbean International cruise lines, *Explorer of the Seas*, February 6-18, 2011; November 10-20, 2011; February 6-17, 2012; December 13-23, 2012).

"A Plant Lover's Guide to Habitats and Plants of the Caumsett State Historical Park."Huntington Public Library. Evening Lecture, June 9, 2011.

"Caumsett State Historic Park, A Microcosm of North Shore Plant Communities." Cornell University Cooperative Extension of Suffolk County: "Invited speaker. *Managing Landscapes Organically*, a conference held on November 13, 2007.

“Forest Types of Long Island: Ice Age to the Present.” Great South Bay Audubon Society, Connetquot River State Park, Suffolk Co., NY, October 2006:

“Habitats and Plants of the Caumsett State Historical Park.” Lloyd Harbor Historical Society, Featured Address, April 10, 2005:

“Broadleaved evergreen forest zones in southeastern United States and eastern Mexico” Presidential Address, Torrey Botanical Society, NY Botanical Garden, March 6, 2005:

“Broadleaved evergreen forest zones in southeastern United States and eastern Mexico.” Queens College, Biology Department Seminar, March 2, 2005:

“Forest Types of Long Island: Ice Age to the Present” Seatuck Lecture Series, Islip Public Library, Suffolk Co., NY, November 3, 2004:

“Broadleaved evergreen forest zones in southeastern United States and eastern Mexico” Graduate Program in Plant Ecology, Yokohama National University, April 25, 2004: (simultaneous translation by Prof. Dr. Kazue Fujiwara).

"Rain Forests of Sri Lanka." Nassau County Board of Cooperative Educational Services/ Jason Project: "June 30, 2003

“Forest Types of Long Island.” Botanical Society of America, Northeastern Section, June 2003 Field Meetings: June 26, 2003

“Rain Forests of Sri Lanka.” Long Island Botanical Society: March 2003

“Flora and vegetation of the Florida Keys.” Long Island Botanical Society: March 2001

“The Vegetation of Sri Lanka,” Queens College, Biology Department Seminar: September 12, 2001

“Forests of Long Island,” North Shore Audubon Society: November 28, 2000

“Succession.” Nassau County Board of Cooperative Educational Services (Caumsett State Park), June 2000.

Long Island Botanical Society: "Mediterranean Woodlands," February 8, 2000

The Explorers Club: “Sri Lanka: An Indian Ocean Jewel Examined.” November 4, 1996

Columbia University Seminar on Population Biology: "Observations on the climates of evergreen sclerophyllous vegetation," May 3, 1995, Fairchild Hall, Rm 800, Columbia Univ.

"The Bioclimate of Evergreen Sclerophyllous Forests: A Preliminary View." Centro de

Investigaciones Biologias de Baja California Sur, La Paz, B.C.S., Mexico: October 28, 1992.

"Forests of Long Island," Colonial Farmhouse Restoration Society, Annual General Membership Meeting: March 28, 1990.

"Long Island Forests," Baldwin Bird Club lecture: Tackapausha Museum, Nassau County, N.Y. March 20, 1989

"Composition of Zonal and Sub-zonal Forests in Sri Lanka," William Paterson College, New Jersey; Biology Department Seminar: December 10, 1987.

"Bioclimatology of the Eight Forest Zones of Sri Lanka," Tropical Botanical Garden and Research Institute, Trivandrum, India (colloquium lecture): January 18, 1985.

Kerala Forest Research Institute, Peechi, India (colloquium lecture): "Bioclimatology of the Eight Forest Zones of Sri Lanka," January 10, 1985.

French Institute of Pondicherry, India (colloquium lecture): "Bioclimatology of the Eight Forest Zones of Sri Lanka," January 7, 1985.

Torrey Botanical Club lecture: "Vegetation in the Life Zones of Sri Lanka", October 16, 1984.

Nassau Science Explorations, sponsored by Science Education Administrators of Nassau County (public lecture): "Forests of Long Island," May 23, 1984.

Long Island Studies: An Interdisciplinary Conference at Queens College (public lecture): "The Forests of Long Island": April 27, 1984.

Exhibits, Abstracts, Popular Articles and Scientific Notes

Greller, A.M. 2014. Three pictures of birds wintering in SW Coast of Florida (Limpkin, Tricolored Heron, Sandhill Cranes): Queens County Bird Club News and Notes, April, p.7

Morgan, Eric C. and Grellor, Andrew M. 2012. *Phellodendron amurense* and the woodlands of Long Island. The Quarterly Newsletter of the L.I. Botanical Society 22(4): 29; 33-34.

Featured in an article, "Nature Notes: The Riches of Point Woods" by Larry Penny, in The East Hampton Star, April 4, 2012.

Greller, A.M. and Lamont, E.E. 2012. The Story of St. Ronan's Well, Flushing Bay, Queens, New York: Once a Premier Collecting Site for Now-Uncommon Long Island Plants. The Quarterly Newsletter of the L.I. Botanical Society 22(2): 13; 15-18.

Greller, A.M. and Herth, Garrett. 2011. Report on the finding of *Houstonia pusilla* Schoepf and *Oxalis exilis* A. Cunn. at two New York State parks on the South Shore of Long Island. The Quarterly Newsletter of the Long Island Botanical Society Vol. 21, No.4, pp. 34-35.(Retraction: *Oxalis exilis* is not confirmed for the United States).

Castillo, C.A. and Grellier, A. 2010. [Poster] A Description of the Leaf Architecture of Three Fossil Leaves of the Magothy Formation of Lloyd Neck, Long Island, Poster Number 58. Sigma Xi Annual Science Poster Display, New Science Building, Queens College, CUNY, March 18, 2010.

Grellier, A.M. 2010. Bioclimatology of evergreen sclerophyll woodland. Abstracts 53rd Internat. Sympos., IAVS 2010, Ensenada, Mexico, p. 31.

Grellier, A.M. and Goudket, M. 2010. A *Dodoniaea* (Sapindaceae: Dodoniaeidae)-like capsule from the Upper Cretaceous of Long Island (Magothy Fm., Santonian Age). The Quarterly Newsletter of the Long Island Botanical Society 20(4): 25, 27-28, 30.

Grellier, A.M. 2008. Identities of Three Plant Fossils from the Upper Cretaceous of Lloyd Neck, Long Island. The Quarterly Newsletter of the Long Island Botanical Society 18(3): 17; 19-20.

Grellier, A.M. and Goudket, M. 2007. *Dewalquea*, a fossil leaf from the Upper Cretaceous of Lloyd Neck, Long Island. The Quarterly Newsletter of the Long Island Botanical Society 17 (3): 21; 23.

Grellier, A.M. 2007. New identifications for three plant fossils from the Upper Cretaceous of Lloyd Neck, Long Island. American Paleontologist 15(3): 36-37; 39.

Grellier, A.M., Dankel, V. and Locke, D.C. 2006. *Geum vernum*: New York State endangered plant in Kings Point Park, Town of North Hempstead: more evidence for climate change? The Quarterly Newsletter of the Long Island Botanical Society 16(4): 33; 35-36.

Grellier, A.M., Morgan, E. and Sperling, J. 2006. A swamp forest complex with Siberian Elm at the southern end of Willow Lake, Flushing Meadows Park, Queens County. The Quarterly Newsletter of the Long Island Botanical Society 16 (3): 28-29.

Grellier, A.M. 2002. Outline of a Revised Classification for Mature Forests and Related Vegetation on Long Island, NY. The Quarterly Newsletter of the Long Island Botanical Society 12(1): 10.

Grellier, A.M. 2001. [Poster] A Classification for Mature Forests on Long Island, New York. NCASI Better Forestry Management Conference, Atlanta, GA, April 15-17, 2002

Grellier, A.M. 2001. Outline of a Revised Classification for Mature Forests and Related Vegetation on Long Island, NY. The Quarterly Newsletter of the Long Island Botanical Society 11(2): 16-17; 11(3): 33-34.

Grellier, A.M., Lindberg, A. and Lindberg, L. 2000. [Poster] *Magnolia acuminata* in North Central Long Island - an indicator of climate equability? Abstracts New York Natural History Conference VI. NY State Museum Circ. 62: 63.

Greller, A.M. and Goudket, M. 1998-2000. "A Forest Beneath our Feet": An exhibition of Cretaceous plant fossils from Long Island. Queens College Center for Environmental Education and Research at Caumsett State Park, Lloyd Harbor, Huntington, New York

Clemants, S.E. and Greller, A.M. 1998. Determining the nativeness of long distance disjuncts: criteria and a case study. Abstracts New York Natural History Conference V. p.20.

Gunatilleke, I.A.U.N., Greller, A.M., Jayasuriya, A.H.M., Gunatilleke, C.V.S. and Balasubramaniam, S. 1996. Vegetation of the Peak Wilderness and its Conservation. *Phytia* (Univ. of Peradeniya) 4(1): 1-9.

Wijesundara, D.S.A., Greller, A.M. and Sardinero, S. 1996. Shrubby vegetation in Floyd Bennett Field, Brooklyn, New York. Abstracts New York Natural History Conference IV. NY State Museum Circ., p. 36.

Sardinero, S., Greller, A.M., and Wijesundara, D.S.A. 1996. Anthropogenic plant communities in New York City. Abstracts New York Natural History Conference IV. NY State Museum Circ., p. 36.

Sardinero, S., Greller, A.M. and Wijesundara, D.S. A. 1996. [Poster] Phytosociological study along an altitudinal gradient on Mount Washington (New Hampshire, U.S.A.). Abstracts New York Natural History Conference IV. NY State Museum Circ., p. 72.

Clemants, S.E. and Greller, A.M. 1994. Determining the nativeness of long distance disjuncts: criteria and a case study. Suppl. to Amer. J. Bot. [Abstracts] 81(6): 148-149.

Benzecry, A. and Greller, A. 1992. Wood and bark anatomy of five tropical lianas. Poster Number 9. The Graduate School and University Center of the City University of New York, Inaugural Events -Science Poster Display, Sept. 15, 1992.

Greller, A.M. 1992. "Hours of frost in zonal forest types, southeastern United States," Table 4. In, D.I. Axelrod (author), "What is an equable climate." *Palaeogeogr., Palaeoclim., Palaeoecol.* 91: 1-12.

Greller, A.M. et al. 1988. Trends in generic dominance of montane forests along a moisture gradient in Sri Lanka. *Assoc.Southeastern Biologists Bulletin* 35(2):63.

Greller, A.M. 1986. Critical physiognomic characteristics of zonal forests in eastern North America. *Assoc. Southeastern Biologists Bulletin* 33(2):67.

Civic and Scientific Activities

Member, Horticultural Advisory Committee, Queens Botanical Garden

Member, Board of Directors, The Paumonok Project, Inc., Hauppauge, Suffolk County, N.Y.

Sponsor of Andrew M. Greller/Torrey Botanical Society Annual Award for Graduate Student Research on Conservation Botany and Ecology in the NYC Metropolitan Area, 2010-present

Member, Prospect Park Advisory Committee: 2008-present

Vice-President, Long Island Botanical Society: 2007-present

Nassau County Museum of Art: Member, Pinetum Restoration Committee, 2006; Member, Garden Advisory Committee, 2003-2005

Member, Eco-tourism Advisory Committee, Long Island Convention and Visitors Bureau, 1998-2002.

Member, Board of Directors, Metropolitan New York Forest Ecosystem Council, 1996-2002.

Member, Board of Directors, Colonial Farmhouse Restoration Society (Queens County Farm Museum), Bellerose, Queens; 1989-present.

Member, Natural History Advisory Committee of Friends for Long Island's Heritage (Nassau County Museums and Parks, N.Y.), 1987-2005.

Queens Borough Public Library, Long Island Division, from Nicholas Falco, Head: Letter of Appreciation for Written Materials, April 30, 1984.

New York State Northeastern Queens Nature and Historical Preserve Commission: Member 1978-1981, Trustee 1981-1991.

Work in Progress

(In Committee) "Atlas of the Long Island Vascular Flora" (a collaboration of the Long Island Botanical Society Flora Atlas Committee and Brooklyn Botanic Garden NYMF Project)

(In Revision), *Afrasita lejalnicoiae* Krassilov, Lewy and Nevo, an angiospermous follicle from the Aptian (Lower Cretaceous) of the Middle East. Australian Journal of Plant Taxonomy. (with Peter Weston, Michael Goudket, Gerry Moore, Eleanor Magid, Leonard Cannone, and Daniel Habib).

(In Press) Forest composition at mid-elevations in the Western Ghats of Kerala, India, and comparisons with Sri Lanka (with D.S.A. Wijesundara and A.H. Magdon Jayasuriya)

Service to CUNY Units:

Biology Department, Queens College

1. Committee Memberships
 - a. Publicity (Chairman) - responsible for organization of seminar to high school students (Current Biological Research), November 17, 1982
 - b. Honors and Awards (Chairman)
 - c. Undergraduate Curriculum
 - d. Bio-Ed Advisor
 - e. Personnel and Budget 1989-1990; 1993-5
 - f. Graduate Advisory (M.A. Advisor: 1996-8.; helped organize "Open House" for prospective graduate students)
 - g. Transfer Evaluation

- h. Search Committees: Assistant Professor (Plant Physiology 1994);
Assistant/Associate Professor (Botany/Ecology/Biogeochemistry, 1998)
- 2. Plant Collections
 - a. Developed 3,000-specimen Queens Herbarium
 - b. Fossil plant collection, especially Cretaceous plants of Lloyd Neck
- 3. Masters Degree Student Advisor
 - a. Jon Waffenschmidt
 - b. Odile Garcia
 - c. Victoria Kilanowski
 - d. Cesar Castillo
- 4. Doctoral Degree Student Advisor
 - a. Maureen Levine (awarded Ph.D. on Sept. 7, 2001)
 - b. Douglas S.A. Wijesundara (awarded Ph.D. on Nov. 4, 1997)
 - c. Alice Benzecry (awarded Ph.D. on Oct. 15, 1993)
- 5. Post-Doctoral Advisor
 - a. Santiago Sardinero (Ph.D., Univ. of Madrid; 1995-6)
- 6. Lectures in Department Seminar
- 7. Faculty Advisor, Biology Honor Society 1982-1985

Queens College Committee Memberships:

- 1. Academic Senate's Dean of Education Search Committee: 1990
- 2. Biomedical Research Support Grant Committee: 1985-1987
- 3. Search Committee, Science Education Advisor: 1984
- 4. President's Provost Review Committee: 1982
- 5. President's Caumsett Advisory Committee: 1980
- 6. Academic Senate's Campus Affairs Committee: 1976-80; including Campus Beautification Sub-Committee

City University Doctoral Examination Committees:

- 1. Anthony H.M. Jayasuriya (Lehman - N.Y. Botanical Garden),
January 19, 1983 (2nd Exam); October 25, 1983 (Thesis defense).
- 2. Barbara Ertter (Lehman - N.Y. Botanical Garden), February 18, 1983 (Thesis defense)
- 3. Eric Lamont (Lehman - N.Y. Botanical Garden), June 1, 1987 (2nd exam).
- 4. Dawn Frame (Lehman - N.Y. Botanical Garden), June 2, 1987 (2nd exam).
- 5. Weerachai Nanakorn (N.Y. Botanical Garden), Oct. 11, 1989 (2nd exam); (Thesis defense)
- 6. Chung-Fu Shen (N.Y. Botanical Garden), March 6, 1990 (2nd exam); (Thesis defense).
- 7. Ioanna Visviki (Queens College-Lehman College), April, 1990 (2nd exam); (Thesis defense)
- 8. Samuel Kisseadoo (N.Y. Bot. Garden-Lehman Coll.), Sept. 18, 1990 (2nd exam).
- 9. Alice Benzecry (Queens College), Oct. 6, 1990 (2nd exam); May 24, 1993 (principal

advisor; Thesis defense).

10. Douglas S.A. Wijesundara (Queens College), June 24, 1995 (2nd exam); November 4, 1997 (principal advisor; Thesis defense).
11. Alberto E. Areces-Mallea (NY Botanical Garden-Lehman College), May 10, 1996 (2nd Examination).
12. Claudio Pinheiro (NY Botanical Garden-Lehman College), May 27, 1997 (Thesis defense)
13. Miguel Alexiades (NY Botanical Garden-Lehman College), June 3, 1998 (Thesis defense)
14. Favio Gonzalez (N.Y. Botanical Garden-Lehman College), November 3, 1998 (Thesis defense)
15. Maureen Levine (Queens College), Sept. 7, 2001 (principal advisor; Thesis defense)
16. Flor Maritza Chavez (NY Botanical Garden/Lehman College), Dec. 11, 2002 (Thesis defense)
17. Valerie Imbruce (NY Botanical Garden/Lehman College) November 17, 2003 (2nd Exam):
25 May, 2006 (Thesis defense)
18. Angela Steward (NY Botanical Garden) October 31, 2007 (Thesis defense)
19. Donald McClelland (N.Y. Botanical Garden) July 23, 2008 (2nd Examination); Thesis defense, April 25, 2012
20. Eric Carl Morgan (Lehman College) December 16, 2011 (Thesis defense)
21. Kathryn Schnaars Uvino, Ph.D. (Queens College/AMNH) May 2012 (Thesis defense).

Courses Taught:

Queens College:

- Plant Taxonomy
- Plant Morphology and Phylogeny
- Plant Ecology
- Plant Physiology and Anatomy
- Field Botany
- General Biology: majors and non-majors
- Undergraduate Research Advisement

New York University

- Plant Taxonomy

University of Colorado

Field Ecology: Alpine and Sub-Alpine

University of Peradeniya, Sri Lanka

Vegetation Climatology of Eastern North America (Lecture: June 2001)

Vegetation of North America (Spring 1981)

H.P. Bailey System of Bioclimatology (Workshop, June 1981)

Research for Undergraduates in Tropical Botany (Fall 1980)

City University of New York (Graduate Courses):

World Vegetation (U768.03, Spring 2000); Field Botany (QC617) - U.S. Virgin Islands; Community Ecology (U760.03); Climate Change and Vegetation Response (U760.09); Morphology and Evolution of Vascular Plants (U790.01, 2004); World Vegetation (U790.6, Spring 2008).

Andrew M. Greller

rev November 29, 2007

BIOGRAPHY

After completing a wide range of botany courses and presenting a thesis on developmental floral morphology, I received the Ph.D. from Columbia University. The results of my doctoral research were published in two papers, one in *American Journal of Botany* and one in *Botanical Gazette*. I returned to my home borough in New York City to take the positions of Assistant Professor at Queens College, teaching plant morphology. It was soon obvious that lack of adequate research facilities would make it impossible for me to pursue my interest in experimental morphology at the College, and I sought retraining instead in vegetation ecology. I have always enjoyed the outdoors and looked forward to building a botany career "in the field". For the summers of 1970-72 I won NSF awards to participate in ecological research at the Institute of Arctic and Alpine Research (INSTAAR), University of Colorado. Working with Dr. Pat Webber in 1970, I studied tundra damage at their field station. I conducted an independent study of tundra damage in Rocky Mountain National Park, in 1971. During the summer of 1972 I taught an NSF-sponsored course, *Field Ecology: Alpine and Sub-alpine* for INSTAAR. My researches led to two publications, one in *Biological Conservation*.

When I found that little had been published on vegetation of Long Island, I began to research variation in local forest composition. A number of papers have resulted, published mostly in *Bulletin of the Torrey Botanical Club (BTBC)*, and one in *Botanical Gazette*.

My first sabbatical leave (1974) was spent at the University of California—Davis, where I was Visiting Assistant Professor in the Botany Department. There I audited courses in Ecology (J. Major), Biogeography (G. Webster), Paleobotany (D. Axelrod), and California Vegetation (M.G. Barbour). Working under the direction of D.I. Axelrod, I undertook a study of Florida climate, vegetation, and paleontology. In 1980 I published the results of my researches in a thirty-page paper in *BTBC*. Main results of this study were: (1) recognition of the Broadleaved Evergreen

Forest of central Florida as zonal vegetation, (2) more data in support of the recognition of the climate of central Florida as unique in the eastern U.S., and (3) correlation of three Florida forest types with three of C. Hart Merriam's life-zones. Continuing an interest in the field of phytogeography, I published two papers in *Bulletin of the Torrey Botanical Club*, in which I compared zonal forests of southeastern North America with those of eastern Mexico. Following those articles, I published (*Botanical Review*) a review of the Temperate Broadleaved Evergreen Forest of Florida and the southeastern U.S. and made connections with montane forests of Mexico and the Great Antilles. I also published reviews of southeastern U.S. coastal plains deciduous and conifer forests and Pacific North American rain forests that were incorporated into a number of chapters in UNESCO MAB/Enciclopedia Catalana's *Biosfera*, "Vol. 6: Temperate Forests of the World." In 2000, I published a chapter reviewing North and Central American vegetation for "Imperfect Balance" (Columbia University Press), a book on the ethnobotany of the American Indians.

My thorough grounding in the literature of U.S. paleobotany, under the direction of Dr. Daniel Axelrod, led me to recognize the palynoflora of the Legler Lignite (Miocene, New Jersey), described by Linda Rachele, as representing in part a forest flora and a climate type that no longer exist in eastern North America. Instead, this flora and climate are still found above 4500' in the Sierra Madre Oriental of Mexico. After some field reconnaissance in Mexico, I co-authored with Dr. Rachele a paper on the subject, which was published in *Review of Paleobotany and Palynology*. I continue an interest in paleobotany, publishing articles in a local journal in which I identified to genus five fossils from the Upper Cretaceous deposits of Long Island (*Dewalquea*, *Rosa*, *Tricalycites*, *Cyathea*, and *Alatacarpus gen. et sp. nov.* (aff. *Dodonea*)).

In 1980, for my second sabbatical leave, I won a Fulbright Senior Lectureship and spent nearly a year in Sri Lanka, at the Botany Department of the University of the Peradeniya (Ceylon). There I undertook research on composition, bioclimatology, and leaf-size analyses of zonal forests. Results have so far been published in: *Symposium Volume* published in Germany; in *Journal of Tropical Ecology* (Cambridge University Press); *Sri Lanka Forester* (2 papers); and *Loris* (2) semi-popular articles). I discovered the world's highest dipterocarp forest, in the mountains of Sri Lanka; and I recognized as a type of zonal vegetation, an overlooked lower montane evergreen forest. With NSF sponsorship I returned to work in Sri Lanka, and also India in 1984-85. I revisited India 1986-87 December-January, supported by an NSF travel award, to continue compositional studies of South Indian Lower Montane forests. In the summer of 1989, I continued the work in South India, and also visited Lower Montane forests in Darjeeling and Kalimpong. Results of the south India work included the discovery of a new type of Lower Montane evergreen forest, which was published in the *Journal of South Asian Natural History*. I revisited Sri Lanka in June 2001 to collaborate with my colleagues in completing a paper in which we compare composition of lower montane forests in India and Sri Lanka. In 1994, I began to guide Mr. Douglas Wijesundara, a Sri Lankan plant taxonomist, in his work toward a doctoral degree at Queens College and the CUNY Graduate School. He successfully defended his thesis on "Phytosociological Studies of Floyd Bennett Field, Brooklyn, New York," on November 4, 1997. He is presently the Director of all National Botanic Gardens, and is based in Peradeniya, Sri Lanka. I have completed the first draft of an article comparing lower montane forests of Kerala, India and Sri Lanka.

I was on the teaching staff of Queens College from 1967 to 1998. Now I hold the rank of

Professor Emeritus. Student and colleagues recognized me as an effective, popular teacher. I attracted students to advanced undergraduate courses in plant morphology, physiology, ecology, taxonomy, and field botany. Day and overnight field trips and mountain hikes were a regular feature of my advanced courses. I taught field botany (plant identification) in St. John, U.S. Virgin Islands. A number of my students have taken advanced degrees in botany and ecology. In the fall of 2003, I taught a doctoral-level graduate course in plant morphology and phylogeny. I taught a graduate course in World Vegetation at Queens College in the spring of 2008. Most recently, in 2010, I guided a graduate student to a master's degree in paleobotany.

Since my days as a graduate student I have been active in the Torrey Botanical Society, holding the offices of President (twice), Vice President (twice), Member of the Council, Field Committee Chairman, Local Flora and Vegetation Committee Chairman, and Editor of Book Reviews. As President, I was instrumental in organizing the first meeting of the Metropolitan Flora Subcommittee, which I chaired as Chairman of the Local Flora and Vegetation Committee, the next year. I was elected President again in 2003-5, when I reorganized the finances of the society and added six new members to the Board of Directors. I hold memberships in a number of other botanical, ecological, and regional and world scientific societies.

My interest in local conservation and education led to my three-year appointment to the New York State Commission on Natural and Historical Conservation in Northeastern Queens. I remained a Trustee of the Commission for ten years.

I have traveled extensively throughout the conterminous United States and published research on vegetation of New York State, Colorado, Pacific Northwest, and the southern U.S., especially Florida. In addition, I traveled in the American southwest, in southern, southwestern and eastern Mexico, Trinidad, Jamaica, Puerto Rico, Costa Rica, Panama, St. Kitts and Antigua, Grenada, Dominica, Bonaire and Aruba, and the American Virgin Islands. I toured the wildlife reserves of Kenya and Madagascar to view the sclerophyllous vegetation and rainforests.

I spent over a year and a half in South Asia, in Sri Lanka, India, and Thailand. I studied vegetation in central California, in Baja California, southern Spain and Portugal, Italy, Greece, Estonia and Crete, Croatia and Slovenia, and throughout Turkey. I have also made brief visits to London, Paris, Rome, Athens, Santorini, Corinth, Helsinki, St. Petersburg (Leningrad), Moscow, Singapore, Chiang Mai, Istanbul, Ankara, Kusadasi, and the coastal plain of Abkhazia, then in the Georgian Republic. More recently, I traveled to Hawaii to view natural montane forests; and to Japan to review the forest distribution from Hokkaido to southern Kyushu. Then I traveled to eastern Australia to view sclerophyll forests and rainforests, and to Republic of South Africa, where I toured the Cape Floristic Province and the central and eastern grasslands, woodlands and Afro-montane forests. More recently, I toured the North and South Islands of New Zealand, where I studied forest vegetation and viewed the many natural wonders of that country. To fill a gap in my knowledge of the temperate vegetation of the Southern Hemisphere, I visited southern Chile and Argentina. Last April, after presenting a paper on the bioclimatology of evergreen sclerophyllous woodland, I toured the length of the Baja California Peninsula, from Ensenada to La Paz and Los Cabos. I am planning to visit Belize and northern Spain in 2012.