

CHARLES H. CANNON JR.

P.R. China

Xishuangbanna Tropical Botanic Garden
Chinese Academy of Sciences
Menglun, Mengla
Yunnan 666303
phone) +86.691.8717187; fax) +86.691.8715070; e-mail) chuck@xtbg.ac.cn
website: <http://www.ecologicalevolution.org>

USA

Texas Tech University
Dept. of Biological Sciences, Box 43131, Flint and Main St.
Lubbock, TX 79409-3131 USA
phone) 806.742.3993; fax) 806.742.2963; e-mail) chuck.cannon@ttu.edu

Education

Harvard University, B.A. *magna cum laude* (Anthropology) 1984-1989.
Duke University, Ph.D. (Botany) 1994-2000.

Current positions

Professor, Chinese Academy of Sciences, 2007-present
Associate Professor, Dept. of Biological Sciences, Texas Tech Univ., 2008-present
Director, E.L. Reed Herbarium, Texas Tech Univ., 2002-present

Previous positions

Assistant Professor, Dept. of Biological Sciences, Texas Tech Univ., 2002-2008
Vegetation Scientist, The Nature Conservancy, Indonesia, 2001; 2004-2006.
Postdoctoral Research Associate, Dept. of Biology, Duke University, 2001-2002.
Research Fellow, University of Malaysia, Sarawak, 1997-1998.
Research Fellow, Dept. of Anthropology, Harvard University, 1991-1992.
Field Biologist, Wildlife Conservation Society, Cameroon, 1990.

Grants, Awards and Fellowships

Yunnan High-End Talent
 Yunnan Regional Government, 2009.
 Comparative Genomics of Biodiversity.
Sino-Himalayan Biodiversity Conservation,
 National Basic Research Program, China, 2008.
 Sub-award to study the adaptive radiation of stone oaks (*Lithocarpus*)
Ecological Evolution Group, Chinese Academy of Sciences, 2007.
 Start-up funds
Research Enhancement Fund, Texas Tech University, 2005.
 “DNA Fingerprinting of tropical timbers”
UNDP/GEF/FRIM, Peatlands of Pahang, 2004 (support for student research).
 “Characterization of genetic diversity in *Gonystylus bancanus*”
National Geographic Society, Conservation Trust Fund, 2004.

“DNA Fingerprinting of tropical timbers”
Research Enhancement Fund, Texas Tech University, 2003.

“DNA Fingerprinting of tropical timbers”
National Geographic Society, Committee for Research and Exploration, 2001.

“Phylogeography of Southeast Asian stone oaks”
National Science Foundation Research Grant, Systematics panel (co-written with Dr. Paul Manos, PI), 2001-2003.

“Phylogenetic biology of a paleotropical tree group (*Lithocarpus*)”
National Science Foundation Research Assistantship (Dr. Paul Manos), 2000.

“Systematics and evolutionary biology of the chestnut subfamily (Castaneoideae)”
Graduate School Conference Travel Award, Duke University Graduate School, 2000.

XVIth International Botanical Congress, Graduate Fellow, 1999.

Mellon Foundation Graduate Fellowship, 1998.

University of Malaysia, Sarawak, Institute of Biodiversity and Environmental Conservation, Research Fellow, 1997-98.

NSEP International Fellowship, Agency for Educational Development, 1997.

Mellon Foundation Graduate Research Award, 1995.

American Society of Plant Taxonomists, Graduate Research Grant, 1995.

Center for International Studies, Graduate Research Grant, 1995.

Harvard University, Graduate Research Fellow, 1991-92.

Conservation, Food, and Health Foundation, Research Grant, 1991-92.

Recognition for Service Scientific Training, Indonesia Institute of Science (LIPI), 1989.

Explorer’s Club Youth Fund, 1987.

Goelet Fund, Harvard College, 1987.

National Science Foundation, Research Experience for Undergraduates, 1987.

Publications

- Cannon, C.H. and M. Leighton. 1994a. Comparative locomotor ecology of gibbons and macaques: selection of canopy elements for crossing gaps. *American Journal of Physical Anthropology* 93(4):505-524.
- Cannon, C.H. and M. Leighton. 1994b. A field method for making sterile morphological descriptions of tropical trees and lianas using a reliability measure. *Tropical Biodiversity* 2(1):276.
- Cannon, C.H., D.R. Peart, M. Leighton, and K. Kartawinata. 1994. The structure of lowland rainforest after selective logging in Indonesia. *Forest Ecology and Management* 67:49-68.
- Cannon, C.H. and M. Leighton. 1996. Comparative locomotor ecology of gibbons and macaques: is brachiation more efficient? *Tropical Biodiversity* 3(3):261-267.
- Cannon, C.H., D.R. Peart and M. Leighton. 1998. Tree species diversity in commercially logged Bornean rainforest. *Science* 281: 1366-1368.
- Cannon, C.H. 1998. The value of logged over forest. *Environmental Review* 5(12): 8-14.
- Cannon, C.H., D.R. Peart and M. Leighton. 1999. Technical Comment: Tree species diversity in logged rainforest. *Science* 284: 1587a.
- Cannon, C.H. and P.S. Manos. 2000. The Bornean *Lithocarpus* (Fagaceae) section *Synaedrys* (Lindley) Barnett: discussion of its circumscription and description of a new species. *Botanical Journal of the Linnean Society* 133(3):343-357.
- Cannon, C.H. and P.S. Manos. 2001. Combining and comparing continuous

- morphometric descriptors with a molecular phylogeny: the case of fruit evolution in the Bornean *Lithocarpus* (Fagaceae). *Systematic Biology* 50(6):860-880.
- Cannon, C.H. 2001. Morphological and molecular diversity in *Lithocarpus* (Fagaceae) of Mount Kinabalu. *Sabah Parks Nature Journal* 4:45-69.
- Manos, P.S., Z.K. Zhou, and C.H. Cannon. 2001. Systematics of Fagaceae: phylogenetic tests of reproductive trait evolution. *International Journal of Plant Sciences* 162(6):1361-1379.
- Cannon, C.H. and P.S. Manos. 2003. Phylogeography of the Southeast Asian stone oaks (*Lithocarpus*). *Journal of Biogeography* 30:211-226
- Slik, J.W.F., A.D. Poulsen, P.S. Ashton, C.H. Cannon, K.O.A. Eichhorn, K. Kartawinata, I. Lanniari, H. Nagamasu, M. Nakagawa, M.G.L. van Nieuwstadt, J. Payne, Purwaningsih, A. Saridan, K. Sidiyasa, R.W. Verburg, C.O. Webb and P. Wilkie. 2003. A floristic analysis of the lowland dipterocarp forests of Borneo. *Journal of Biogeography* 30: 1517-1531.
- Cannon, C.H. and M. Leighton. 2004. Tree species distributions across five habitats in a Bornean rainforest. *Journal of Vegetation Sciences* 15:257-266.
- Asif M.J., and C.H. Cannon. 2005. Processed wood DNA extraction: a case study for the identification of an endangered timber species (*Gonystylus bancanus*). *Plant Molecular Biology Reporter* 23 (2): 180-187.
- Zhang, B.H., X.P. Pan, C.H. Cannon, G.P. Cobb and T.A. Anderson. 2006. Conservation and divergence of plant microRNA genes. *Plant Journal* 46: 243-259.
- Cannon, C.H., C-S Kua, E.K. Lobenhofer, and P. Hurban. 2006. Gathering genomic signatures using an anonymous DNA microarray. *Nucleic Acids Research*. 34:18 e121
- Cannon, C.H., M. Summers, J.R. Harting, and P.J.A. Kessler. 2007. Developing conservation priorities based on forest type, condition, and threats in a poorly known ecoregion: Sulawesi, Indonesia. *Biotropica* 39(6): 747-759
- Cannon, C.H., L.M. Curran, A.J. Marshall and M. Leighton. 2007. Long-term reproductive behavior of woody plants across seven Bornean forest types: suprannual synchrony, diversity, and productivity. *Ecology Letters* 10(10): 956-969
- Cannon, C.H., L.M. Curran, A.J. Marshall and M. Leighton. 2007. Beyond mast-fruiting events: community asynchrony and individual dormancy dominate woody plant reproductive behavior across seven Bornean forest types. *Current Science* 93(11):21-29.
- Cannon, C.H. 2008. An end to wishful thinking. Book review of "Making Biodiversity Projects Work" for *Tropinet*: the Association for Tropical Biology and Conservation newsletter.
- Slik, J.W.F., N. Raes, S.I. Aiba, F.Q. Brearley, C.H. Cannon, E. Meijaard, H. Nagamasu, R. Nilus, G. Paoli, A.D. Poulsen, D. Sheil, E. Suzuki, J.L.C.H. van Valkenburg, C.O. Webb, P. Wilkie, and S. Wulffraat. 2009. Environmental correlates for tropical tree diversity and distribution patterns in Borneo. *Diversity and Distributions* 15:523-532.
- Manos, P.S., C.H. Cannon, and S.H. Oh. 2009. Phylogenetic relationships and taxonomic status of the paleoendemic Fagaceae of western North America: recognition of a new genus *Notholithocarpus*. *Madrono* 55:181-190.
- Cannon, C.H., R.J. Morley, and A.G.H. Bush. The current refugial rainforests of Sundaland are unrepresentative of their biogeographic past and highly vulnerable to disturbance. *Proceedings of the National Academy of Sciences (U.S.A.)* 106 (27):

11188-11193.

- Chen, J., C.H. Cannon, and H.B. Hu. 2009. Tropical botanical gardens: at *in situ* ecosystem management frontier. *Trends in Plant Science* 14:584-589.
- Cannon C.H., C.S. Kua, D. Zhang & J.R. Harting. 2010. Assembly-free comparative genomics of short-read sequence data discovers the needle in the haystack. *Molecular Ecology* 19: 146-160.
- Helmus M. R., W. Keller, M.J. Paterson, N.D. Yan, C.H. Cannon & J.A. Rusak. 2010. Communities contain closely related species during ecosystem disturbance. *Ecology Letters* 13:162-174.
- Slik J. W. F., S.I. Aiba, F.Q. Brearley, C.H. Cannon, O. Forshed, K. Kitayama, H. Nagamasu, R. Nilus, J. Payne, G. Paoli, A.D. Poulsen, N. Raes, D. Sheil, K. Sidiyasa, E. Suzuki & J.L.C.H. van Valkenburg. 2010. Environmental correlates of tree biomass basal area wood specific gravity and stem density gradients in Borneo's tropical forests. *Global Ecology and Biogeography* 19:50-60.
- Cannon, C.H. and X. Chen. (accepted) *Lithocarpus pulongtauensis* (Fagaceae): a new species from Borneo. *Annales Botanicae Fennici*.

Book chapters (peer reviewed)

- Webb. C.O., C.H. Cannon and S.J. Davies. 2008. Ecological organization, biogeography, and the phylogenetic structure of rainforest tree communities. In "Tropical Forest Community Ecology" (W. Carson and S. Schnitzer, eds.)
- Marshall, A.J., C.H. Cannon and M. Leighton. 2009. Competition and niche overlap between gibbons (*Hylobates albibarbis*) and other frugivorous vertebrates in Gunung Palung National Park, West Kalimantan, Indonesia. In "The Gibbons: New Perspectives on Small Ape Socioecology and Population Biology" (S. Lappan, D. Whittaker, and T. Geissmann, eds).

Manuscripts in review

- Hamid, F.N., W. Ratnam, and C.H. Cannon. Detecting genetic structure among ramin (*Gonystylus bancanus* (Miq.) Kurz) populations in Peninsular Malaysia using a rapid DNA fingerprinting technique.
- Yu, Y.M. And C.H. Cannon. The spatial correlation of carbon biomass and biodiversity on Sulawesi: a win-win situation?
- Cannon. C.H. The Quaternary dynamics of Sundaland forests. Invited book chapter.

Invited presentations

- 10/98 – "Tree species diversity in commercially logged Bornean rain forest." Graduate School Symposium, Duke University, NC. (Chosen as best departmental project for university wide symposium)
- 3/99 – "Tree communities in old-growth vs. selectively logged Bornean rain forest." Ecology seminar series, Duke University, NC.
- 10/99 – "Globalization and national security: building intellectual capacity for the 21st century." Final discussion panel, NSEP-Library of Congress, Washington, DC.
- 5/01 – "Ecological and evolutionary studies of Bornean rainforest trees." Faculty job interview, University of Cincinnati.
- 12/01 – "Phylogenetic biology of *Lithocarpus* (Fagaceae): a model system for Southeast Asian rainforests." Faculty job interview, Texas Tech University.
- 2/02 – "Phylogenetic biology of *Lithocarpus* (Fagaceae): fruit diversity and biogeography

- of a Southeast Asian tree.” Faculty job interview, St. Louis University.
- 3/02 - “Phylogenetic biology of *Lithocarpus* (Fagaceae): fruit diversity and biogeography of a Southeast Asian tree.” Faculty job interview, University of Michigan, Ann Arbor.
- 8/03 – “Phylogeography of the Southeast Asian stone oaks: revealing the history of the rainforest”. University of Malaysia, Sarawak.
- 8/03 – “Phylogeography of the Southeast Asian stone oaks: revealing the history of the rainforest”. Sarawak Biodiversity Centre, Kuching, Malaysia.
- 7/04 – “History of Southeast Asian rainforest: congruence among data sets” National Herbarium of the Netherlands, Leiden.
- 9/05 – “Applying phylogenies to practical issues in Southeast Asia: data, methods, and speculation”. “Phylogenies and phylogeography” workshop at the Mathematical Biosciences Institute, Ohio State University.
- 7/06 – “Using a model tree group to investigate the historical biogeography of Southeast Asian rainforests” Association for Tropical Biology and Conservation meeting, Kunming, China. (**Symposium organizer**)
- 7/06 - “Playing ‘RISK’ with Southeast Asian rainforests” Association for Tropical Biology and Conservation meeting, Kunming, China.
- 9/06 – “Contemplating the past, present, and future of SE Asian rainforests” National University of Malaysia, Bangi, Malaysia
- 9/06 – “Investigating the past, present, and future of SE Asian rainforests” Xishuangbanna Tropical Botanical Garden, Kunming, China
- 11/06 – “Investigating the past, present, and future of SE Asian rainforests” Botanical Research Institute of Texas and Texas Christian University seminar series
- 7/07 – “Genomics in the tropical rainforest” Kunming Institute of Botany, P.R. China.
- 7/07 – “Contemplating the past, present, and future of the Southeast Asian rainforests” Kunming Institute of Zoology, P.R. China.
- 11/07 - “Conservation of Southeast Asian biodiversity: tools and approaches for the 21st century” Plenary talk, Annual meeting of the Yunnan Botanical, Ecological, and Entomological Societies, Jinghong, Yunnan, China.
- 7/08 – “Contemplating the past, present, and future of the Southeast Asian rainforests” Kunming Institute of Zoology, P.R. China.
- 10/08 - “Contemplating the past, present, and future of the Southeast Asian rainforests” Peking University, P.R. China.
- 10/08 - “The Seven Pillars of Biodiversity” Xishuangbanna Nature Reserve 50th Anniversary Seminar, P.R. China.
- 01/09 - “The Seven Pillars of Biodiversity (we are not alone)” Plenary lecture; Xishuangbanna Symposium II, P.R. China.
- 02/09 - “Genomics and tropical biology: diving off the deep end” Plenary lecture; Asia/Pacific meeting of the Association for Tropical Biology and Conservation, Thailand.
- 02/09 - “DNA as a management and enforcement tool in the natural resource trade” Department of Forest Inspection, Vientiane, Lao P.D.R.
- 03/09 - “Genomics and tropical biology: a necessary step” Lecture at the opening ceremony for the Key Laboratory on Tropical Rainforest at the Xishuangbanna Tropical Botanical Garden, P.R. China.
- 06/09 - “Current refugial rainforests of Sundaland” Invited lecture at the Willi Hennig Society meeting in Singapore.

03/10 - “Comparative genomics of tropical Fagaceae” Invited plenary lecture at the IUFRO meeting in Kuala Lumpur, Malaysia.

Presentations

- 8/99 – “Phylogeny and reproductive biology of *Lithocarpus* (Fagaceae).”; XVth International Botanical Congress, Missouri Botanical Gardens, MO.
- 6/00 – “Molecular phylogeography of Bornean *Lithocarpus* (Fagaceae): inferences on gene flow, population dynamics and systematics”, Biogeography of Southeast Asia 2000, Leiden University, the Netherlands.
- 11/00 – “Macroevolutionary and phylogeographic studies of *Lithocarpus* (Fagaceae): gene flow and fruit evolution in a tropical rainforest tree.” Final Ph.D. seminar, Duke University.
- 7/03 – “DNA fingerprinting of tropical timbers” ATBC-BES annual meetings, Aberdeen, Scotland. Chair of “Harvest and hunting in tropical forests” session.
- 10/05 – “Gathering genomic signatures of neutral DNA sequence variation using a universal DNA microarray platform”. South Plains Plant and Soil Science Seminar series, USDA, Lubbock, TX.
- 3/07 – “Developing conservation priorities based on forest type, condition, and threats in a poorly known ecoregion: Sulawesi, Indonesia” Association for Tropical Biology and Conservation – Asian/Pacific chapter meeting, Mahabalipuram, India.
- 3/07 – “Synchrony and diversity of reproductive behavior of Bornean rainforest tree and climber communities across seven forest types” Association for Tropical Biology and Conservation – Asian/Pacific chapter meeting, Mahabalipuram, India.
- 6/07 – “The current refugial rainforests of Southeast Asia: major implications for ecology, evolution and conservation” Flora Malesiana VII meeting. The National Herbarium of the Netherlands, Leiden, the Netherlands.
- 6/07 – “Developing conservation priorities based on forest type, condition, and threats in a poorly known ecoregion: Sulawesi, Indonesia” Flora Malesiana VII meeting. The National Herbarium of the Netherlands, Leiden, the Netherlands.
- 8/07 – “Bringing genomics to the Southeast Asian rainforests” Beijing Genomics Institute, P.R. China.
- 9/07 - “Investigating the past, present, and future of Southeast Asian rainforest” Tenure seminar, Texas Tech University.
- 4/08 – “The short and the deep of it: exploring historical patterns in the Southeast Asian stone oaks” Asia/Pacific Chapter meeting of the Association for Tropical Biology and Conservation. Kuching, Malaysia.
- 4/08 – “The biogeographic history of the Sunda Shelf” Asia/Pacific Chapter meeting of the Association for Tropical Biology and Conservation. Kuching, Malaysia.
- 4/08 – “Spatial and population patterns of woody plant reproduction in a Bornean rainforest landscape” Asia/Pacific Chapter meeting of the Association for Tropical Biology and Conservation. Kuching, Malaysia.
- 8/08 – “Developing genomic tools for the conservation and management of endangered species” International Symposium and Workshop on Tropical Peatlands. Kuching, Malaysia.
- 1/09 - “Comparative genomics of the chestnut subfamily (Fagaceae), particularly of the stone oaks (*Lithocarpus*)”, Forest Tree Workshop, Plant and Animal Genome meetings, San Diego, CA.

1/09 - “Developing model system approaches for applied and basic research of Southeast Asian peat forest: next-gen sequencing of a critically endangered timber species (*Gonystylus bancanus*)”, Forest Tree Workshop, Plant and Animal Genome meetings, San Diego, CA.

Poster presentations

- 1/03 – “Phylogeography of the Southeast Asian stone oaks (*Lithocarpus*)”. First Meeting of the International Biogeographers Society, Mesquite, NV.
- 3/03 – “DNA fingerprinting of tropical timbers”. 5th Malaysian Genetics Congress, Kuala Lumpur, Malaysia.
- 7/03 – “Phylogeography of the Southeast Asian stone oaks (*Lithocarpus*)”. ATBC-BES annual meetings, Aberdeen, Scotland.
- 7/06 – “Capturing genomic signatures with an anonymous DNA microarray” Association for Tropical Biology and Conservation meeting, Kunming, China.
- 10/06 – “Characterization of genetic diversity within and among populations of a endangered tropical timber species (*Gonystylus bancanus*) ” F.N.A. Hamid and W. Ratnam at the Population Genetics and Genomics of Forest Trees: from Gene Function to Evolutionary Dynamics and Conservation meeting in Madrid, Spain.
- 3/07 – “The current refugial rainforests of Southeast Asia: major implications for ecology, evolution and conservation” Association for Tropical Biology and Conservation – Asian chapter meeting, Mahabalipuram, India.
- 3/07 – “Promoting genomics in Southeast Asian botany” Association for Tropical Biology and Conservation – Asian chapter meeting, Mahabalipuram, India.
- 3/07 – “Characterising SHyP probes in known genomes” Dept. of Energy’s Joint Genome Institute 2nd User’s Meeting, Walnut Creek, CA.
- 3/07 – “Promoting genomics in Southeast Asian botany” Dept. of Energy’s Joint Genome Institute 2nd User’s Meeting, Walnut Creek, CA.
- 3/08 – “Next-gen sequencing of tropical species: avenues for rapid discovery of genomic markers” Workshop on next-gen sequencing at the National Center for Genomic Resources, New Mexico, USA.
- 10/09 - “Assembly-free analyses of short-read sequence data” Next-Generation Sequencing Conference 2009. Barcelona, Spain.
- 10/09 - “Assembly-free analyses of short-read sequence data” International Conference on Genomics, Beijing Institute of Genomics. Beijing.
- 1/09 – “Developing genomic tools for the conservation and management of tropical trees” Poster presentation. Xishuangbanna Symposium II, P.R. China.

Special meetings

- 7/02 – Forest Stewardship Council/The Nature Conservancy Workshop on “Identifying High Conservation Value Forest”. Denpasar, Bali, Indonesia.
- 9/04 – Working group on the Ecoregional Conservation Assessment of Sulawesi, Bogor Indonesia
- 11/04 – Duke University Nichol’s Environmental Leadership Forum on “Landscapes, Genomics, & Transgenic Forests”. Durham, NC, USA.
- 4/05 – International Tropical Timber Organization International Workshop on Phased Approaches to Certification, Bern, Switzerland.
- 7/06 – Regional workshop on developing evolutionary analyses for the CTFS network, Singapore.

- 6/07 – Workshop on “Biogeography and Conservation” at the Flora Malesiana VII meeting. The National Herbarium of the Netherlands, Leiden. (Organizer)
- 11/07 – Kick-off workshop for the Sino-German Research Co-operation for Sustainable Conservation. Jinghong, Yunnan.
- 03/09 – Kick-off workshop for the Making the Mekong Connected project. Kunming, P.R. China.
- 04/09 – Evolutionary Genetics – the impact of next generation sequencing technologies, Society for Genetics, Lutherstadt Wittenberg, Germany.

Professional reports

- Cannon, C.H., J.R. Harting, A. Salim, and M. Summers. 2005. The Vegetation of Sulawesi: coarse filter analysis. The Nature Conservancy, Bogor.
- Cannon, C.H. 2005. The Vegetation of Sulawesi: fine filter analysis. The Nature Conservancy, Bogor.
- Harting, J.R. and C.H. Cannon. 2005. The Vegetation of Sulawesi: forest change analysis. The Nature Conservancy, Bogor.
- Cannon, C.H. 2001. The vegetation of Lore Lindu National Park, Central Sulawesi, Indonesia. The Nature Conservancy, Palu.
- Leighton, M., L.M. Curran, C.H. Cannon and D. Lawrence. 1989. UNESCO/MAB/WCS Field Course for Southeast Asian Scientists. UNESCO, Jakarta.

Teaching Experience

COURSES: *Texas Tech University* - Introductory Plant Biology; Evolution and Classification of Flowering Plants; Tropical Botany.

ASSISTANTSHIPS: *Duke University* – Principles of Evolution (twice), Evolution & Classification of Flowering Plants, Principles of Systematic Biology, Introductory Biology (twice). *Harvard University* – Evolutionary Ecology of Primates.

INSTRUCTORSHIPS: *Duke University* – Academic Writing, University Writing Program; *Smithsonian Institute* - Smithsonian Botanical Workshop; Myanmar Forest Research Institute, Myanmar; *Harvard University* - Harvard/LIPI Course for Field Identification and Herbarium Preparation of Rainforest Trees; West Kalimantan, Indonesia; MAB/WCI/Harvard Field Ecology Training Course for Southeast Asian Scientists; West Kalimantan, Indonesia.

Professional service

Manuscripts reviewed for *American Journal of Botany* (3x), *American Naturalist*, *Annals of Botany* (2x), *Annales Botanici Fennici* (2x), *Biological Letters*, *Biotropica* (7x), *Canadian Journal of Botany*, *Conservation and Biodiversity* (2x), *Conservation Biology*, *Forensic Science International*, *Forest Ecology and Management* (2x), *Functional Ecology*, *Ibis*, *Journal of Biogeography* (4x), *Journal of Mountain Science* (2x), *Journal of Vegetation Science* (3x), *Journal of Tropical Forest Science* (2x), *Journal of Tropical Ecology* (2x), *Molecular Phylogenetics and Evolution* (3x), *New Phytologist*, *Nature*, *Plant Ecology*, *Plant Ecology and Diversity*, *Southwestern Naturalist*, *Systematic Botany*, *Taxon*, *The Open Forest Science Journal*, and *Tropical Biodiversity*.

Proposals reviewed for the US National Science Foundation (Systematics: 3x, Biotic Surveys: 2x, International Postdoctoral Research: 2x, and Population and Evolutionary Processes panels), the Asian Pacific Network Capacity Development Committee, and the

Austrian FWF.

External dissertation examiner for the Faisalabad Agricultural University, Faisalabad, Pakistan.

Editorial Boards: The Open Forest Science Journal (Bentham Science Publishers); Biodiversitas (Indonesia).

Language Ability

Advanced speaker of Indonesian as certified by the American Council on the Teaching of Foreign Languages. Also proficient in spoken and written Malay. Currently struggling with Mandarin.