

SIMON A. QUEENBOROUGH

Yale School of Forestry
& Environmental Studies,
195 Prospect St,
Yale University,
New Haven, CT 06511

Phone: (203) 432-3660

simon.queenborough@yale.edu
<http://www.simonqueenborough.com>

Appointments

Yale School of Forestry & Environmental Studies

2014 – Mrs. John (Elizabeth W.) Musser Director of the
[Tropical Resources Institute](#) at Yale University.
Research Scientist and Lecturer.

The Ohio State University

2013–2014. Assistant Professor, Dept. of Evolution, Ecology & Organismal Biology

2011–2013. Senior Research Associate, Dept. of EEOB

National Center for Ecological Analysis & Synthesis

2010–2011. Postdoctoral Research Fellow

University of Sheffield, UK

2006–2010. Postdoctoral Research Fellow, Dept. of Animal & Plant Sciences

Education

University of Aberdeen, UK

2006. Ph.D., Tropical Ecology

Royal Botanic Gardens Edinburgh & University of Edinburgh, UK

2001. M.Sc. w/ Distinction, Biodiversity and Taxonomy of Plants

St Catharine's College, University of Cambridge, UK

2000. B.A. (Hons), Natural Sciences (Plant Sciences)

Publications

Journal articles

* indicates graduate student coauthor; ** undergraduate student coauthor.

25. Stephen J. Murphy*, Livia D. Audino*, James Whitacre, Jenalle L. Eck*, John W. Wenzel, **Simon A. Queenborough** & Liza S. Comita. *in press*. Species associations structured by environment and land-use history promote beta-diversity in a temperate forest. *Ecology*.
24. Hellmann, J.K.*, Erikson, J.S. & **Queenborough, S.A.** *in press*. Evaluating macroinvertebrate community shifts in the nexus of freestone and limestone streams. *Journal of Limnology*.

23. Liza S. Comita, **Simon A. Queenborough**, Eck, J.L.* , Murphy, S.* , Xu, K.** , Krishnadas, M.* , Beckman, N. & Zhu, Y. 2014. [Testing predictions of the Janzen-Connell hypothesis: A meta-analysis of experimental evidence for distance- and density-dependent seed and seedling survival.](#) *Journal of Ecology* 102, 845–856. doi: 10.1111/1365-2745.12232
22. Tatsuyo Amano, Rob F.P. Freckleton, **Simon A. Queenborough**, Simon W. Doxford, Richard J. Smithers, Tim H. Sparks & William J. Sutherland. 2014. [Phenological responses to warming determine changes in niche over space and time.](#) *Proceedings of the Royal Society, B* 281, 20133017. doi: 10.1098/rspb.2013.3017
21. John Boudouris** & **Simon A. Queenborough**. 2013. [Diversity and distribution of extra-floral nectaries in the cerrado savanna vegetation of Brazil.](#) *PeerJ* 1, e219. doi: 10.7717/peerj.219.
20. **Simon A. Queenborough**, Pierre-Michel Forget & Sabrina Russo. 2013. [Adding spice to life: A special issue on the Myristicaceae.](#) *Tropical Conservation Science* 6, 592–594. Special issue.
19. **Simon A. Queenborough**, Aelys Humphreys* & Renato Valencia. 2013. [Sex specific flowering patterns in the understory rain forest tree *Iryanthera hostmannii* \(Myristicaceae\).](#) *Tropical Conservation Science* 6, 637–652. Special issue.
18. **Simon A. Queenborough**, Margaret R. Metz, Renato Valencia & S. Joe Wright. 2013. [Demographic consequences of chromatic leaf defence in tropical tree communities - do red young leaves increase growth and survival?](#) *Annals of Botany* 112, 677–684. doi: 10.1093/aob/mct144
17. Kellen Callinger*, Peter S. Curtis & **Simon A. Queenborough**. 2013. [Herbarium specimens reveal the footprint of climate change on flowering trends across north-central North America.](#) *Ecology Letters* 16, 1037–1044. doi: 10.1111/ele.12135
16. Ira R. Cooke, Elizabeth H. Mattison, Eric Audsley, Alison Bailey, Rob F.P. Freckleton, Anil R. Graves, Joe Morris, **Simon A. Queenborough**, Daniel L. Sanders, Gavin Sirawarden, Phil Trawick, Andrew R. Watkinson & William J. Sutherland. 2013. [Empirical test of an agricultural landscape model: the importance of farmer preference for risk-aversion and crop complexity.](#) *SAGE Open* 3, no. 2 2158244013486491. doi: 10.1177/2158244013486491

15. Ana G. Jimenez, James M. Harper, **Simon A. Queenborough** & J.B. Williams. 2013. Linkages between the life-history evolution of tropical and temperate birds and the resistance of their cells to oxidative and non-oxidative chemical injury. *Journal of Experimental Biology* 216, 1373–1380. doi: 10.1242/jeb.079889
14. **Simon A. Queenborough** & Cristina Porras*. 2013. Expanding coverage of plant trait databases – A comparison of specific leaf area derived from fresh and dried leaves. *Plant Ecology & Diversity* 7, 383–388. doi: 10.1080/17550874.2013.777483
13. Jie Gao, **Simon A. Queenborough** & J. P. Chai. 2012. Flowering sex ratios and spatial distribution of dioecious trees in a SE Asian seasonal rain forest. *Journal of Tropical Forest Science* 24, 517–527. journal homepage
12. Peter S. Curtis & **Simon A. Queenborough** 2012. Commentary: Raising the standards for ecological meta-analysis. *New Phytologist* 195, 279–281. doi: 10.1111/j.1469-8137.2012.04207.x
11. Xuejiao Bai*, **Simon A. Queenborough**, Wang, X., Zhang, J., Yuan, Z., Xing, D. & Hao, Z. 2012. Effects of local biotic neighbours and habitat heterogeneity on tree and shrub seedling survival in an old-growth temperate forest. *Oecologia*, 170: 755–765. doi: 10.1007/s00442-012-2348-2
10. **Simon A. Queenborough**, Margaret R. Metz, Thorsten Wiegand & Renato Valencia. 2012. Palms, peccaries and perturbations: widespread effects of small-scale disturbance in tropical forests. *BMC Ecology* 12: 3. doi: 10.1186/1472-6785-12-3
9. **Simon A. Queenborough**, Kirsty M. Burnet*, William J. Sutherland, Andrew R. Watkinson & Rob F. P. Freckleton. 2011. From meso- to macro-scale population dynamics: a density structured approach. *Methods in Ecology & Evolution* 2, 289–302. doi: 10.1111/j.2041-210X.2010.00075.x
8. Rob F. P. Freckleton, William J. Sutherland, Andrew J. Watkinson & **Simon A. Queenborough**. 2011. Density structured models for plant population dynamics. *American Naturalist* 177, 1–17. doi: 10.1086/657621
7. Steven M. Vamosi & **Simon A. Queenborough**. 2010. Breeding systems, phylogenetic diversity and abundance along a large-scale elevational gradient. *Journal of Biogeography* 37, 465–476. doi: 10.1111/j.1365-2699.2009.02214.x
6. **Simon A. Queenborough**, David F.R.P. Burslem, Nancy C. Garwood & Renato Valencia. 2009. Taxonomic scale of niche partitioning and local neighbour-

hood effects on survival of tropical tree seedlings. *Proceedings of the Royal Society, B*. 276, 4197–4205. doi: 10.1098/rspb.2009.0921

5. **Simon A. Queenborough**, Susan J. Mazer, Steven M. Vamosi, Nancy C. Garwood, Renato Valencia & Rob P. Freckleton. 2009. Seed mass, abundance and breeding system among tropical forest species: do dioecious species exhibit compensatory reproduction or abundances? *Journal of Ecology* 97, 555–566. doi: 10.1111/j.1365-2745.2009.01485.x
4. Ira R. Cooke, **Simon A. Queenborough**, Elizabeth H.A. Mattison, Alison P. Bailey, Daniel L. Sandars, Anil. R. Graves, J. Morris, Philip W. Atkinson, Paul Trawick, Rob P. Freckleton, Andrew R. Watkinson & William J. Sutherland. 2009. Integrating socio-economics and ecology: a review of applications and approaches. *Journal of Applied Ecology* 46, 269–277. doi: 10.1111/j.1365-2664.2009.01615.x
3. **Simon A. Queenborough**, David F.R.P. Burslem, Nancy C. Garwood & Renato Valencia. 2007. Neighborhood and community interactions determine the spatial pattern of tropical tree seedling survival. *Ecology* 88, 2248–2258 doi: 10.1890/06-0737.1
2. **Simon A. Queenborough**, David F.R.P. Burslem, Nancy C. Garwood & Renato Valencia. 2007. Determinants of biased sex ratios and differential costs of reproduction in dioecious tropical forest trees. *American Journal of Botany* 94, 67–78. doi: 10.3732/ajb.94.1.67
1. **Simon A. Queenborough**, David F.R.P. Burslem, Nancy C. Garwood & Renato Valencia. 2007. Habitat niche partitioning by 16 species of Myristicaceae in Amazonian Ecuador. *Plant Ecology* 192, 193–207. doi: 10.1007/s11258-007-9328-3

In review

6. Kellen M. Calinger*, Elisabeth A. Calhoun*, Hsiao-chi Chang*, James Whitacre, John Wenzel, Liza S. Comita & **Simon A. Queenborough**. Historic mining and agriculture as indicators of occurrence and abundance of two widespread invasive plant species. *PLoS One*.
5. Sarah M. Ward, Roger D. Cousens, Muthukumar V. Bagavathiannan, Jacob N. Barney, Hugh J. Beckie, Roberto Busi, Adam S. Davis, Jeffrey S. Dukes, Frank

Forcella, Robert P. Freckleton, Eric R. Gallandt, Linda M. Hall, Marie Jasieniuk, Amy Lawton-Rauh, Erik A. Lehnhoff, Matt Liebman, Bruce D. Maxwell, Mohsen B. Mesgaran, Justine V. Murray, Paul Neve, Martin A. Nuñez, Anibal Pauchard, **Simon A. Queenborough** & Bruce L Webber. Agricultural weed research: A critique and two proposals. *Weed Science*.

4. Andrew Muehleisen**, **Simon A. Queenborough**, L. Pablo Alvia Zambrano, Renato Valencia & Brigitte Fiala. Incidence of extra-floral nectaries and their relationship to growth and survival of lowland tropical rain forest trees. *Journal of Ecology*.
3. **Simon A. Queenborough** & Amy E. Kulesza. Case study: How the giraffe got its neck. *National Center for Case Study Teaching in Science*.
2. Jennifer Balch, Stacy Rebich-Hespinha, Jarrett Byrnes, Elizabeth Borer, Kathryn Cottingham, Allen Hurlbert, Carrie Kappel, **Simon A. Queenborough**, Helen Regan, John Sabo, Eric Seabloom, Stephanie Hampton, Mark Schildauer & Frank Davis. Synthesis in ecology: A retrospective and prospective. *BioScience*.
1. **Simon A. Queenborough** & Sam Bridgewater. A comparison of two methods of vegetation plot inventory from Belizean deciduous forest. *PeerJ*.

Other writing

9. **Simon A. Queenborough** 2012. [The habits of successful ecologists: How to write right, right!?](#) *Bulletin of the British Ecological Society* 44 (2), 36–38.
8. **Simon A. Queenborough** 2011. [The habits of successful ecologists: time management.](#) *Bulletin of the British Ecological Society* 42 (3) 34–37.
7. **Simon A. Queenborough** & John N. Parker. 2011. [The habits of successful ecologists: learning from the best.](#) *Bulletin of the British Ecological Society* 43, 31–34.
6. **Simon A. Queenborough** & Ira R. Cooke. 2011. [The habits of successful ecologists, or Does Facebook count as outreach?](#) *Bulletin of the British Ecological Society* 42 (1), 40–42.
5. **Simon A. Queenborough** & Liza S. Comita. 2011. Should ecological science be ethical? *Union Seminary Quarterly Review* 63, 18–25.

4. William J. Sutherland et al. 2010. [Is wildlife conservation compatible with arable farming? Evaluating the options for sustainable agriculture.](#) *RELU Policy and Practice Notes* 23, December.
3. **Simon A. Queenborough**, Ira R. Cooke & Mark P. Schildhauer. 2010. [Do we need an Eco-Bank? The ecology of data-sharing.](#) *Bulletin of the British Ecological Society* 41 (3), 32–35.
2. **Simon A. Queenborough** & Ira R. Cooke. 2010. [Do humans count in ecology? Quantitative methods can link socio-economics and ecology.](#) *Bulletin of the British Ecological Society* 41 (1), 57–58.
1. **Simon A. Queenborough**. 2007. Book review of *Forest Ecology and Conservation. A handbook of techniques.* Newton, A.C. (2007) OUP. *Environmental Conservation* 34, 2–3.

Invited Talks
(Since 2007)

- 2013 **Simon A. Queenborough**. *Long-term flowering and fruiting patterns in dioecious tropical forest trees: implications for coexistence.* Department of Plant Biology, Ohio University, Athens, OH, USA.
- 2013 **Simon A. Queenborough**, Margaret R. Metz, Andrew Muehleisen, Renato Valencia and Brigitte Fiala. *Mecanismos de defensas de plantas contra la herbivoría.* Department of Biology, Pontificia Universidad Católica del Ecuador, Quito, and Yasuni Scientific Research Station, Ecuador.
- 2013 **Simon A. Queenborough**, Amy E. Kulesza and Matt Misika. *Actively teaching Intro Biology.* Center for Life Science Education, The Ohio State University, Columbus, OH, USA.
- 2013 **Simon A. Queenborough**. *Coexistence, trade-offs and plant population dynamics.* Department of Evolution, Ecology & Organismal Biology, The Ohio State University, Columbus, OH, USA.
- 2012 **Simon A. Queenborough**. *From forest to farm and back again: pure and applied ecology in human-influenced ecosystems.* School of Forestry and Environmental Studies, Yale University, New Haven, CT, USA.
- 2012 **Simon A. Queenborough**, Margaret R. Metz, Renato Valencia. *Leaf defences of tropical tree seedlings: shedding light onto herbivory-mediated patterns of biodiversity.* Ecological Society of America Annual Meeting, Portland, USA. Invited contribution to seedling herbivory symposium.
- 2012 **Simon A. Queenborough**, Margaret R. Metz, Renato Valencia. *Efecta de defensas de plantas contra la herbivoría.* Yasuni Scientific Research Station, Ecuador.

- 2010 **Simon A. Queenborough**. *Variety is the spice of life: Evolution and ecology of plant breeding systems*. Department of Evolution, Ecology & Organismal Biology, The Ohio State University, Columbus, OH, USA.
- 2009 **Simon A. Queenborough**, Nancy C. Garwood, Susan Mazer, Steve Vamosi and Renato Valencia. *Seed mass, abundance and breeding system in tropical forest tree species*. Department of Animal and Plant Sciences, University of Sheffield, Sheffield, UK.
- 2008 **Simon A. Queenborough**, Nancy C. Garwood, Susan Mazer, Steve Vamosi and Renato Valencia. *Seed mass, abundance and breeding system in tropical forest tree species*. Association for Tropical Biology and Conservation Annual Meeting, Surinam.
- 2007 **Simon A. Queenborough** *Análisis espacial de sexos y plántulas de la familia dioica Myristicaceae dentro de la Amazonía Ecuatoriana*. Department of Biology, Pontificia Universidad Católica del Ecuador, Quito, Ecuador.
- 2007 **Simon A. Queenborough** *Spatial analyses of sex ratios and seedlings of Myristicaceae trees in the Ecuadorian Amazon*. Department of Ecology and Evolution, University of Arkansas, USA.
- 2002–2007 Various presentations to academics, oil company executives and student groups visiting Yasuní Scientific Research Station, Ecuador.
- 2014 **Simon A. Queenborough**, S. Hibbard, R. Valencia, J. Weintritt, & L.P.A. Zambrano. *Shadows of megafaunal seed dispersal mechanisms in western Amazonian forests*. Megafauna and Ecosystem Function: from the Pleistocene to the Anthropocene, University of Oxford, UK.
- 2014 Shannon Hibbard and **Simon A. Queenborough**. *Fruits of the Giants: megafaunal fruit species in Yasuni, Ecuador*. Natural and Mathematical Sciences Undergraduate Research Forum, The Ohio State University.
- 2014 Murphy, S.J, L.D. Audino, J. Whitacre, J. Eck, J. Wenzel, **S.A. Queenborough**, and L.S. Comita. *Species associations structured by environment, space, and land use history promote beta-diversity in a mixed species forest community*. Midwest Ecology and Evolution Conference, Dayton, Ohio.
- 2013 Andrew Muehleisen and **Simon A. Queenborough**. *Incidence and Ecological Significance of Extra-Floral Nectaries on Tropical Rain Forest Trees*. Denman Undergraduate Research Forum, The Ohio State University.
- 2013 Laura Mason and **Simon A. Queenborough**. *Effects of Environment, Stature, Life Form and Method of Seed Dispersal on the Male to Female Sex-Ratios of Dioecious Populations*. Denman Undergraduate Research Forum, The Ohio State University.
- 2012 **Simon A. Queenborough**, Andrew Muehleisen, Margaret R. Metz & Renato

Conference
Presentations
(Since 2005)

Valencia. *Leaf defenses of tropical tree seedlings: shedding light onto herbivory-mediated patterns of biodiversity*. Ecosummit 2012, Columbus, OH, USA.

2012 **Simon A. Queenborough**, Margaret R. Metz & Renato Valencia. *Leaf defenses of tropical tree seedlings: shedding light onto herbivory-mediated patterns of biodiversity*. British Ecological Society Annual Meeting, University of Birmingham, UK.

2012 Matthew Smith, Tim Newbold, Simon Creer, Alex Dumbrell, Guy Woodward, David Bass, **Simon A. Queenborough**, Rob Freckleton, Jonathan Silvertown & Doug Yu. Systems Ecology Workshop: Understanding systems ecology using emerging multidisciplinary toolboxes. BES Annual Meeting, University of Birmingham, Birmingham, UK.

2012 John Boudouris & **Simon A. Queenborough**. Diversity and distribution of extra-floral nectaries in the savanna vegetation of South America. Denman Undergraduate Research Forum, The Ohio State University.

2012 Andrew Muehleisen, **Simon A. Queenborough**. Natural and Mathematical Sciences Undergraduate Research Forum, The Ohio State University.

2010 Association for Tropical Biology and Conservation Annual Meeting (Bali, Indonesia).

2009 British Ecological Society Annual Meeting (University of Hertfordshire, UK).

2008 Early Career Researcher Meeting, British Ecological Society Tropical Ecology Group (University of Oxford, UK).

2008 British Ecological Society Annual Meeting (Imperial College London, UK).

2007 Association for Tropical Biology and Conservation Annual Meeting (Morelia, Mexico).

2007 Early Career Researcher Meeting, British Ecological Society Tropical Ecology Group (University of Leeds, UK).

2007 British Ecological Society Annual Meeting (University of Glasgow, UK).

2006 Center for Tropical Forest Science Symposium (Panama City, Panamá).

2006 British Ecological Society Annual Meeting (University of Oxford, UK).

2005 British Ecological Society Annual Meeting (University of Hertfordshire, UK).

Grants and Awards

2012 Summer Undergraduate Research Fellowship to Andrew Muehleisen (Honors student), The Ohio State University.

2008 Postdoctoral Fellowship. National Center for Ecological Analysis & Synthesis, Santa Barbara, 2010-2012.

2008 Reproductive functional traits of tropical forest trees. Systematics Association.

2006 Reproductive strategies of the Myristicaceae in Amazonian Ecuador. Smithsonian Center for Tropical Forest Science research grant.

2006 Studies of the reproductive strategies of the Myristicaceae in Amazonian Ecuador. British Ecological Society small ecological projects grant.

- 2004 Reproductive strategies of the Myristicaceae in Amazonian Ecuador. Smithsonian Center for Tropical Forest Science research grant.
- 2001 A test of the reproductive and recruitment consequences of differential abundance between closely related tropical tree species. The Leverhulme Trust Study Abroad Studentship.

Teaching & mentoring

Courses

- 2014 Guest lecturer, Biology 4000: Biological Roots in England; London Honors.
- 2013 Lecturer, EEOB 8896.11: Graduate seminar, Population Ecology: [Introduction to R for Biologists](#). Autumn, 19 students.
- 2013 Lecturer, EEOB 8896.04: Graduate seminar, Temperate Forest Ecology And Data Analysis. Spring, 10 students.
- 2012 Lecturer, EEOB 1114: Form, Function & Ecology. Autumn, 176 undergraduate students.
- 2012 Lecturer, EEOB 881: Graduate seminar: Introduction to R for Biologists. Spring, 21 students.
- 2012 Lecturer, EEOB H557: Tropical Field Ecology, Panama. Spring, 15 undergraduate students.
- 2010 Lecturer, Analysis of density dependent processes using forest plot data. Statistical computing course in R. Chinese Academy of Sciences, Beijing, China. Summer, 40 students, 2 faculty.
- 2010 Lecturer, R statistical computing course, Centre for Ecological Science, Indian Institute of Science, Bangalore, India. Summer, 30 students and 2 faculty.
- 2010 Lecturer, R statistical computing course, Pontificia Universidad Católica del Ecuador, Quito, Ecuador. Spring, 20 graduate students and 2 faculty.
- 2008 Co-leader, Tropical Field Ecology, University of Sheffield, UK, and Danum Valley, Borneo. Summer, 15 students.

Graduate students

- 2014– Andrew Muehleisen, Ph.D. co-advisor (with Liza Comita).
- 2012– [Juan Carlos Peñagos Zuluaga](#), Ph.D. co-advisor (with Liza Comita, Mike Donoghue & John Freudenstein [OSU]). *Gynodioecy and its effects on the ecology of Lauraceae*.
- 2012– [Raleigh Ricart](#), Ph.D. co-advisor (with Peter Curtis). *Ecology of north-eastern temperate forests of the USA*.
- 2013– Jenalle Eck, Ph.D. committee. *Local variation in soil pathogen feedbacks and the maintenance of tropical tree diversity*.
- 2013– Meghna Krishnadas, Ph.D. committee. *Socio-ecological dynamics of non-timber forest produce harvest in a rainforest complex of the Western Ghats in south India*.

- 2013– Alex Fotis, Ph.D. committee. *Exploring canopy structure and function as a potential mechanism of sustaining carbon sequestration in aging forests.*
- 2011 James Smith, M.Sc. field advisor, University of York, UK. *Change in liana incidence in Yasuní National Park.*
- 2011 Anton Flügge, Ph.D. field advisor, University College, London, UK. *Sex ratios in the genus Cecropia, dioecious Neotropical pioneer trees.*
- 2011 Xuejiao Bai, Ph.D. co-advisor, Chinese graduate student, Chinese Academy of Sciences. *Effects of local biotic neighbors and habitat heterogeneity on tree and shrub seedling survival in an old-growth temperate forest.*
- 2009 Luke Smith, M.Sc. field advisor, University College, London, UK. *Investigation into how indigenous bushmeat hunting effects the recruitment of Atelid-dispersed tree species in a terra firme habitat in Amazonian Ecuador.*

Undergraduate students

- 2014– Megan Sullivan, research: *Leaf size and shape in the cerrado vegetation of Brazil.* Thesis committee: *Reproductive success in a tropical tree species, Virola surinamensis.*
- 2013–2014 Shannon Hibbard, research: *Shadows of mega-faunal seed dispersal mechanisms in western Amazonian forests.*
- 2013–2014 Edward Harper, research: *Spatial variation in leaf shape of the cerrado vegetation of Brazil.*
- 2013–2014 John Linn, research: *Spatial variation in drip-tip incidence of the cerrado vegetation of Brazil.*
- 2012–2014 Andrew Muehleisen, Honors thesis: *Influence of extrafloral nectaries on survival and growth of tropical forest trees.*
- 2011–2013 Laura Mason, research: *Invasion and monodominance in the Neotropics.* Thesis committee member, 2014.
- 2011–2012 John Boudouris, research: *Diversity and distribution of extrafloral nectaries in the savanna vegetation of South America.*

Service to the Profession

- 2014 Judge, Natural & Mathematical Sciences Undergraduate Research Forum, Denman Undergraduate Research Forum.
- 2013–2014 EEOB Communications Committee.
- 2013 Reviewer, NSF CAREER grant, NSF ad hoc.
- 2012–2013 EEOB Graduate Admissions Committee.
- 2013–present Committee, Tropical Ecology SIG, British Ecological Society.
- 2013 Judge, OSU Denman Undergraduate Research Forum.
- 2009–2013 Secretary, [Tropical Ecology Special Interest Group](#), British Ecological Society.

- 2012 Judge, OSU Denman and Natural & Mathematical Sciences Undergraduate Research Fora.
- 2012 Reviewer, NSF CAREER grant.
- 2012 Head Guest-Editor (with Pierre-Michel Forget & Sabrina Russo), *Tropical Conservation Science*, Special Issue on the Myristicaceae.
- 2009 Session organizer, British Ecological Society Annual Meeting Thematic Topic: *Life History and Functional Trait Variation in Tropical Systems*. University of Hertfordshire, UK.
- 2008 Session organiser, British Ecological Society Annual Meeting Thematic Topic: *Phylogeography and Biogeography*. University of Leeds, UK.
- 2008 Co-organiser and DJ, BES Tropical Ecology Group Early Career Researcher meeting, University of Oxford.
- 2007 Co-organiser, BES Tropical Ecology Group Early Career Researcher meeting, University of Leeds, UK.
- 2006–2009 Committee member, British Ecological Society Tropical Ecology Special Interest Group.
- 2002–2005 Chair and organiser, regular presentations by visiting researchers and long-term scientists at Yasuní Scientific Research Station.
- Reviewer: *American Journal of Botany*, *American Naturalist*, *Annals of Applied Biology*, *Annals of Botany*, *Biotropica*, *Botanical Studies*, *Ecography*, *Journal of Ecology*, *Ecology*, *Ecology Letters*, *Environmental Conservation*, *Evolution*, *Forest Ecology & Management*, *Methods in Ecology & Evolution*, *Oecologia*, *Plant Ecology*, *Plant Ecology & Diversity*, *Plant & Soil*, *PLoS One*, *Proceedings of the Royal Society, B*, *Revista de Biología Tropical*, *Tropical Conservation Science*, *Journal of Tropical Ecology*, *Journal of Vegetation Science*.