

The University of British Columbia



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March 14, 2019

BSA Council

Dear Council Members,

It is with great pleasure that I nominate Professor Richard Abbott to be a Corresponding Member of the Botanical Society of America. I view Professor Abbott as an international leader in the areas of plant hybridization and phylogeography. His work is notable for its high quality, thoroughness, and careful and nuanced interpretations of results. Also, included in this nomination package is a letter of support from Corresponding Member Dianne Edwards CBE FRS, who is a Distinguished Research Professor at Cardiff University, along with Richard's CV.

Below I highlight several of Prof. Abbott's most important contributions, as well as the characteristics of his work that I particularly admire.

Prof. Abbott is probably best known for his careful elucidation of the reticulate history of *Senecio* (ragworts and groundsels) of the British Isles. His studies of the *Senecio* system have combined careful analyses of historical plant distribution records in the UK, with data from ecological experiments, developmental genetics, and population genetic and genomic analyses. This multidisciplinary approach is powerful, and Prof. Abbot's work has revealed several examples of plant speciation in real time (and there aren't very many of these). Key findings include (1) the discovery and careful documentation of the homoploid hybrid origin of the Oxford ragwort from two Sicilian *Senecio* species (*Watsonia* 2000; *Evolution* 2005; (2) the demonstration that the radiate groundsel has been multiply derived by introgression of the RAY locus from Oxford ragwort into the selfing common groundsel (*Heredity* 1992; *American Journal of Botany* 2000); (3) with Enrico Coen the determination that a CYCLOIDEA homolog underlies the RAY locus (*Science* 2008); (4) the finding that the polyploid Welsh groundsel arose multiple times in the 20th century, also by hybridization between Oxford ragwort and common groundsel (*American Journal of Botany* 1996; *Biological Journal of the Linnean Society* 2004); and (5) with Simon Hiscock the discovery that "transcriptome shock" associated with hybridization can be ameliorated by genome duplication (*Current Biology* 2006).

The Oxford ragwort is arguably the most convincing case of homoploid hybrid speciation in either plants or animals. Indeed, at the time this work was underway, there was still skepticism regarding whether homoploid hybrid speciation occurred in nature. Prof. Abbott's work helped settle this debate. Likewise, the introgressive origin of radiate groundsel represents one of the first well-documented examples of adaptive introgression, and I believe the first case in plants where the gene underlying the introgressed phenotype was identified

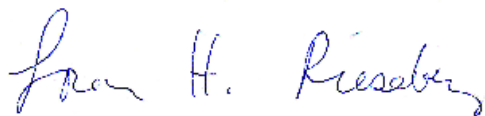
and functionally characterized. Lastly, his work on gene expression in hybrid and polyploid plants has been important in understanding the evolutionary and functional genomic consequences of hybrid and polyploid speciation – why, for example, genomic changes associated with diploid hybrids appear to be greater than those accompanying polyploid hybridization.

More generally, I have appreciated Prof. Abbot's careful and nuanced treatment of the possible consequences of hybridization. Debates about the role of hybridization in evolution over the past century have been speculative and unnecessarily polarized. Prof. Abbot has always been careful not to make unsubstantiated claims that go beyond the data. I should also note that in addition to his empirical work, Prof. Abbot has made key conceptual contributions to our understanding of the role of hybridization in evolution. The most important of these, in my opinion, was his 1992 *TREE* review, where he made a convincing case for a strong linkage between hybridization and the evolution of invasive species.

Although I am most qualified to discuss Prof. Abbott's contribution to our understanding of plant hybridization and speciation, he has contributed importantly to the field of plant phylogeography as well. The work that stands out most prominently are his studies of the origins of the Arctic flora (*Science* 2000; *Molecular Ecology* 2003; *New Phytologist* 2016), where he overturned the long held assumption that the Arctic flora is mainly derived from ancestors that occurred at high altitudes in the South during the Tertiary. Based on molecular phylogeographic evidence, however, Prof. Abbot showed that some plant refugia were located in the Arctic itself. Another major assumption was that the Arctic was an evolutionary icebox, but Prof. Abbott discovered that evolutionary change, especially via polyploidization, is occurring very rapidly in the Arctic, with some polyploidization events taking place since the past glaciation. More recently, he has extended his phylogeographic focus to the Qinghai-Tibetan Plateau in eastern Asia, where he has tied increased diversification rates to major uplifts occurring from the early Miocene to the Pleistocene (*Molecular Ecology* 2005; *Molecular Phylogenetics and Evolution* 2006; *Molecular Ecology* 2014).

In my view, Prof. Abbott has been a highly influential figure in the development of our understanding of plant phylogeography, hybridization, and speciation. In the absence of his contributions, we would know much less about the evolutionary consequences of hybridization or the origins of world's floras. He is highly deserving of this honor.

Sincerely,



Loren H. Rieseberg FRS, FRSC
Director, Biodiversity Research Centre
University Killam Professor of Botany

March 12, 2019

Council
Botanical Society of America

Dear Council Members,

I am pleased to support the nomination of Dr Richard Abbott as a Corresponding Member of the Botanical Society of America. I have known Dr Abbott as a highly regarded colleague for at least forty years although our interests in historical botany are worlds apart. He is particularly well known in the UK for his work on the origins and rapid evolution via hybridisation of European and especially UK species of *Senecio*-- this has become a classic model of the processes involved.

His work on historical biogeography of plant species in a wide range of habitats--Arctic, alpine, Mediterranean and temperate—that has emphasised the role of geographic migrations and evolutionary responses, eg to past climate change, has been ground breaking and world leading. It has involved collaboration with international experts especially in China and produced excellent paper published in international journals of the highest order.

He began his researches using what now might be regarded as utilising traditional morphological and genetic approaches, but he has more recently embraced the transformation in plant sciences that has ensued in the fields of molecular genetics involving, inter alia, the ubiquitous model plant *Arabidopsis*, the identification of the genomic and transcriptomic changes during the origin of his *Senecio* species, including the genes of adaptive significance, as well as the genes influencing the complex floral development in the Asteraceae. His work continues in retirement.

I should also add that although botanically active, throughout his career he has been an active citizen scientist both in his community as a referee and editor -- in my experience he never turned down a request-- and has always responded favourably when sought for his advice or support for younger members.

Finally the award of corresponding membership from America to a person of his distinction in the UK would also emphasise the importance of his discipline and the continuing need for his approaches to understanding the evolution of plants at a time when there are increasing pressures on funding in what can be seen by some funders as an unfashionable discipline!

A handwritten signature in black ink that reads "Dianne Edwards". The signature is written in a cursive, flowing style with a long horizontal stroke at the end.

Dianne Edwards CBE FRS
Distinguished Research Professor
Cardiff University

research in this region to the domestication of the Yak and how it influenced the rapid growth of the indigenous human population ~7000 BP (1 publication).

Research Grants

- 2015-2018 **£770K** RCN (Research Council of Norway) - High speciation rates in arctic plants: genomic mechanisms and relevance to the latitudinal diversity gradient. (Co-I)
- 2010-2012 **£24K** Royal Society - Plant speciation in western China
- 2009-2012 **£382K** NERC - Genomic basis of adaptation and species divergence in *Senecio*
- 2007-2009 **£20K** Royal Society - Genetic diversity and conservation of tree species in west China
- 2006-2009 **£319K** NERC - Genetic and epigenetic mechanisms in allopolyploid speciation in *Senecio*
- 2006-2009 **£397K** NERC - Genomic analysis of adaptive divergence and hybrid speciation in *Senecio*.
- 2003-2004 **£31K** NERC - Can habitat-mediated fitness variation in hybrids maintain species barriers?
- 2003-2005 **£30K** NERC - Changes to genome and transcriptome during hybrid speciation in *Senecio*
- 2002-2003 **£31K** NERC - Genetic control of habitat-mediated species barriers
- 2002-2005 **£451K** NERC - Changes to genome and transcriptome during hybrid speciation in *Senecio*
- 2002-2005 **£100K** Leverhulme Trust - Evolution and conservation of *Senecio cambrensis*
- 2000-2001 **£35K** NERC - Can habitat-mediated selection drive homoploid hybrid speciation?
- 2000 **£35K** NERC - Did a post-Eocene north-Atlantic land bridge affect the biogeography of the northern hemisphere?
- 1999-2002 **£215K** BBSRC - Molecular genetics of capitulum development in *Senecio*
- 1998 **£34K** French Government - Biological control of *Ligustrum robustum* on La Reunion
- 1997-99 **£159K** EU - Molecular methodology for detection of fraudulently copied plants
- 1996-97 **£16K** NERC - Indicators of deleterious effects of climatic change in Arctic plants
- 1995-96 **£23K** NERC - Genomic analysis of wild hybrid derivatives of *Senecio*
- 1994-97 **£140K** NERC - Molecular phylogeography and evolution in European *Senecio*
- 1994-97 **£14K** Malaysian Government - Molecular systematics of *Cryptocoryne*
- 1994-96 **£100K** NERC - Indicators of deleterious effects of climatic change in Arctic plants
- 1991-93 **£66K** ODA - A molecular study of genetic resources in the genus *Leucaena*
- 1991-94 **£89K** NERC - Indicators of deleterious effects of climatic change in Arctic plants
- 1990-93 **£58K** NERC - Molecular analysis of the origin of the Oxford Ragwort
- 1988-91 **£61K** NERC - Physiology and fitness of populations of *Myriophyllum alterniflorum*
- 1986-89 **£37K** NERC - Male competition and outcrossing rate in a hermaphrodite plant.
- 1983-86 **£27K** SERC - Evolution of increased outcrossing frequency in a predominant selfer
- 1982 **£4.5K** Royal Society - Five months research at Campinas University, Brazil.

PhD students

20. C. Coyle Origins of invasive weeds (NERC)
19. G. Hochshartner SnoRNAs as molecular markers (PhD 2010, SCRI/St Andrews Univ)
18. J. Milton Molecular systematics and evo-devo of *Senecio* (PhD 2009, NERC CASE)
17. J. Herbert Evolution and invasion in *Myrica* (PhD 2005 NERC)
16. M. Chapman Ecological isolation and plant speciation. (PhD 2004, NERC)
15. M. Coleman Taxonomy, biogeography and evolution of *Senecio* (PhD 2003, BBSRC)
14. J. Parry-James Genomic analysis of a diploid hybrid *Senecio* (PhD 1999, NERC)
13. J. Estrella Molecular systematics of *Pachyrhizus*. (PhD 1998, Mitchell Scholarship)
12. A. Sofiman Molecular systematics of *Cryptocoryne*. (PhD 1997, Malaysian Government)
11. R. Milne Molecular systematics of *Rhododendron ponticum* (PhD 1997, BBSRC)
10. A. Lowe Origin and spread of a new *Senecio* hybrid in Britain. (PhD 1996, NERC)
9. A. Gillies Molecular systematics of *Stylosanthes*. (PhD 1994, BBSRC)
8. K. Chalmers Molecular markers in *Hordeum* species. (PhD 1991, BBSRC)
7. J. Graham Development of *Agrobacterium* DNA vectors in soft fruit plants. (PhD 1991)
6. P. Ashton Multiple origins of *Senecio cambrensis* (PhD 1990, NERC)
5. J. Irwin Male competition and outcrossing rate (PhD 1990, NERC)

4. S. Dharmaratne Self-incompatibility in *Brassica napus*. (PhD 1989, Sri Lankan Gov.)
3. J. Horrill Polymorphism for capitulum type in *Senecio vulgaris*. (PhD 1989, NERC)
2. J. Brown Efficiency of selection in potato breeding (PhD 1988, Self)
1. D. Marshall Breeding system of *Senecio vulgaris* L. (PhD 1982, Carnegie Trust)

Distinguished Lab Alumni

Postdocs

Adrian Brennan (2007-10): Assistant Professor, University of Durham, UK
 Francois Bretagnolle (1995-96): Professor, Universite de Bourgogne, France
 Hazel Chapman (1991-94): Associate Professor, University of Canterbury, New Zealand
 Hans Peter Comes (1994-97): Professor, University of Salzburg
 Rolf Holderegger (1998-99): Professor, WSL Institute, Switzerland
 Judith Irwin (1990-93): Senior Scientist, John Innes Centre, UK
 Guoqing Liu (2002-05): Head of Department, Hebei Academy of Agricultural & Forest Sci, China
 Richard Milne (1998-2004): Lecturer, University of Edinburgh, UK

PhD students

Paul Ashton (1986-90): Professor, University of Edge Hill, UK
 Ken Chalmers (1988-91): Associate Professor, University of Adelaide
 Mark Chapman (2000-04): Lecturer, University of Southampton, UK
 Max Coleman (1998-2002): Science Communicator, Royal Botanic Garden Edinburgh, UK
 Juliet James (1995-99): Academic Quality Officer, University of York
 Jing Li (2010-11): Assistant Professor, Beijing Normal University, China
 Andrew Lowe (1992-96): Professor and Director of Food Innovation, University of Adelaide
 David Marshall (1976-79): Bioinformatician, James Hutton Institute, UK
 Ahmad Sofiman Othman (1994-97): Professor, Universiti Sains Malaysia

Honours undergraduates

Beverley Glover (1992-93): Professor, University of Cambridge, UK
 Sean Graham (1988-89): Professor, University of British Columbia, Canada
 Andrew King (1993-94): Research Fellow, University of Exeter, UK
 John Love (1989-90): Associate Professor, University of Exeter, UK

International Symposia organized

- 2007 History, evolution & future of arctic & alpine flora** (BSS Symposium, St Andrews).
 Proceedings published as special issue of *Plant Ecology & Diversity* in 2008.
- 2007 Plant & animal speciation: pattern & process** (Systematics Association, Edinburgh).
 Proceedings published as a themed issue in *Philosophical Transactions of the Royal Society B* in 2008.

International Speaker Invitations since 2000

- 2017** - Plant speciation across environmental gradients and the occurrence of hybrid zones (Invited Keynote Speaker, XIX International Botanical Congress, Shenzhen, China)
- 2014** - Ecological speciation across altitudinal gradients (Univs. Sichuan and Lanzhou, China)
- 2013** - Altitudinal gradients, hybrid zones & evolutionary novelty (Int. Conf. Adaptation to Global Change, Seville); Rapid & recent evolution following hybridization (Univ. Umea).
- 2012** - Genetics and effects of flower shape variation in the Asteraceae (Int. Conf. Plant Reproductive

- Ecology, Univ. Urumqi, China; and Univs. Lanzhou, Sichuan); Genomic analysis of divergence & speciation in *Senecio* (Univ. Peking; Inst. Botany, Beijing).
- 2011** - Hybrid speciation & gene transfer (Univ. Uppsala); Hybrid speciation in action: lessons from weeds (SEEDS workshop, Univ. Neuchatel, Switzerland).
- 2010** - Hybrid speciation & gene transfer (Univs. Leiden, Mainz); Homoploid hybrid speciation in action (Int. Conf. New Frontiers in Plant Systematics & Evolution, Beijing); Plant invasions, introgression & species delimitation: some exceptions to the rules (Ecological Genetics Group, Stirling Univ.).
- 2009** - Hybridization and polyploidy in plants (St Malo, France); Hybrid Speciation & Gene Transfer (Univs. Shanghai, Guangzhou, Xi'an, Adelaide, Queensland, Sydney).
- 2008** - Hybrid speciation (Univs. Georgia, Virginia, Neuchatel, Beijing, Kunming, Lanzhou); Arctic plant evolution (Univ. Lanzhou; Phylogeography workshop, Lijiang).
- 2007** - Hybrid speciation (Darwin Lecture Series, Univ. Vienna; Univ. of Salzburg).
- 2006** - Allopolyploid Speciation (American Genetics Association Symposium, Vancouver).
- 2005** - Polyploidy; Hybridization & speciation (both at XVII Int. Bot. Cong., Vienna). Arctic Plant Evolution (European Soc. of Evolutionary Biol. Conference, Krakow).
- 2004** - Recent plant speciation in Britain (Int. Congress. Fauna & Flora of Atlantic Islands, Trinity College Dublin); Hybrid speciation (German Botanical Society, Brunswick).
- 2003** - Allopolyploid speciation (Linnean Society Int. Meeting, London); Arctic plant evolution (*New Phytologist* Int. Symposium, Nova Scotia, Canada).
- 2002** - Plant introductions, hybridization & gene flow (Regulation of gene flow in plants, Royal Soc. Discussion Meeting, London).
- 2000** - Making rays in the Asteraceae (Int. Conf. Developmental Genetics & Evolution, Systematics Assoc., London; NERC workshop on Environmental Genomics, Warwick).

Research Periods Abroad

- 2008-18** 8 visits to China (Universities of Peking, Sichuan, Lanzhou) for 2-3 weeks per visit
- 1999** 5 months at Washington University, Seattle, USA - Migration and evolution of arctic plants
- 1982** 6 months at Duke University, N. Carolina, USA- Evolution of outcrossing rate
- 1977** 6 months at the University of Campinas, Brazil - Genetic diversity of rain forest trees

Editorial Boards and other offices

- Molecular Ecology* (Senior Editor 2010 ->; Associate Editor 2003-2010)
- New Phytologist* (Editor 2009-2014; Associate Editor 2004-2009)
- Heredity* (Associate Editor 1992-2003)
- Plant Ecology & Diversity* (Associate Editor 2007->)
- J. Systematics & Evolution* (Editorial Board Member 2010 ->)

- President, Botanical Society of Scotland** (2006-2008)
- Mentor, Gatsby Plant Science Trust** (2000-2009)

Research Grant Committees

Research Council Committees

- 2002** SEERAD (Scottish Executive Environmental and Rural Development) Research organization assessment exercise of Scottish Crop Research Institute, Scottish Agricultural College, and Macaulay Land Use Research Institute
- 2002-2003** IRCSET (Irish Research Council for Science, Engineering and Technology) Assessment Committee for EMBARK initiative
- 2000** BBSRC Committee for initiative on 'Gene Flow in Plants'
- 1998-2001** NERC Terrestrial Science Peer Review Committee

Royal Society

2011-2015 Royal Society University Research Fellowship awards. Member of Research Appointment Panel Bii.

External Assessor/Examiner

External Assessor for staff promotions

2000-2013 Associate Professor/Professor: Univs. Hong Kong (2000, 2010, 2013), York-Toronto (2000), Virginia (2001), Texas (2002), Bath (2003), Reading (2005), Lancaster (2006), Cardiff (2007), UBC-Vancouver (2009), Wyoming (2009), Hong Kong (2010), Indiana (2010), Stirling (2011, 2016), Queen Mary University London (2015, 2016), Edge Hill (2012, 2016)

External Examiner

2015-2019 BSc Biology; Genetics; Biotechnology, Edge Hill University

2012-2016 BSc Biology, Stirling University

2007-2012 MSc Biodiversity & Taxonomy of Plants, Edinburgh University

2004-2007 BSc Genetics, BSc Environmental Biology, Cardiff University

1997-2000 BSc Genetics, Aberystwyth University

1983-2011 Ph.D. at the Universities of:

Bangor 1983; Newcastle 1986; Birmingham 1987; Birmingham, Liverpool 1989; Oxford 1992; Cambridge 1993; Edinburgh 1994; Dundee 1995; Newcastle, Stockholm, 1996; Bangor 1997; Edinburgh 1998; Aarhus, Cambridge, Stirling, 2000; Dublin (TCD) 2002; Dublin (TCD), East Anglia, Essex, Sheffield, Trømsø 2003; Oxford, Swansea, 2004; Cambridge 2005; Edgehill, 2006; Stellenbosch 2008; Bristol, Edinburgh, Cambridge, 2009; Trømsø, Queen's (Belfast), Exeter, 2010; Uppsala, 2011; Addis Ababa x2, 2012; Cardiff, Stirling 2014; Queen Mary London 2015, 2016.

Publications

Edited Volumes

Abbott RJ (2008) History, evolution and future of arctic and alpine flora. *Plant Ecology & Diversity* (Special issue, 220 pages).

Abbott RJ, Ritchie MG, Hollingsworth PM (2008) Speciation in plants and animals: pattern and process. *Phil. Trans. Royal Soc. Lond. B.* (Theme issue, 142 pages).

Abbott RJ, Barton NH, Good JM (2016) Genomics of hybridization. *Molecular Ecology* (Special issue, 364 pages).

*Research Articles***2019**

181. Brennan AC, Hiscock SJ, **Abbott RJ** (2018) Completing the hybridization triangle: the inheritance of genetic incompatibilities during homoploid hybrid speciation in ragworts (*Senecio*). *AoB Plants* (advance article) doi.org/10.1093/aobpla/ply078.

180. **Abbott RJ** (2018) A mixing-isolation-mixing model of speciation can potentially explain hotspots of species diversity. *National Science Review* (in press).

2018

179. Sun Y-S, Lu Z-Q, Mao K-S, Zhang L, Wang X-J, Ru D-F, **Abbott RJ**, Liu J-Q (2018) Reticulate evolution within a spruce (*Picea*) species complex revealed by population genomic

analysis. *Evolution* 72: 2669–2681.

178. Ru D-F, Sun Y-S, Wang D-G, Chen Y, Wang T-J, Hu Q-J, **Abbott RJ**, Liu J-Q (2018) Population genomic analysis reveals that homoploid hybrid speciation can be a lengthy process. *Molecular Ecology* 27: 4875-4887.
177. **Abbott RJ**, Comes HP, Goodwin ZA, Brennan AC (2018) Hybridisation and detection of a hybrid zone between mesic and desert ragworts (*Senecio*) across an aridity gradient in the eastern Mediterranean. *Plant Ecology & Diversity* 11: 267-281.
176. Wang XJ, Hu QJ, Guo XY, Wang K, Ru DF, German D, Weretilnyk EA, **Abbott RJ**, Lascoux M, Liu JQ (2018) Demographic expansion and genetic load of the halophyte model plant *Eutrema salsugineum*. *Molecular Ecology* 27: 2943-2955.
175. Ma T, Wang K, Hu Q, Xi Z, Wan D, Wang Q, Feng J, Jiang D, Ahani H, **Abbott RJ**, Lascoux M, Nevo E, Liu J. (2018) Ancient polymorphisms and divergent hitchhiking contribute to genomic islands of divergence within a poplar species complex. *Proceedings of the National Academy of Sciences USA* 115: E236-E243.

2017

174. Comes HP, Coleman M, **Abbott RJ** (2017) Recurrent origin of peripheral, coastal (sub)species in Mediterranean *Senecio* (Asteraceae). *Plant Ecology & Diversity* 10: 253-271.
173. **Abbott RJ** (2017) Plant speciation across environmental gradients and the occurrence and nature of hybrid zones. *Journal of Systematics and Evolution* 55: 238-258.
172. Wang K, Wang L-Z, Lenstra JA, Jian J-B, Yang Y-Z, Hu Q-J, Lai D-Y, Qiu Q, Ma T, Du Z, **Abbott RJ**, Liu J-Q (2017) The genome sequence of the wisent (*Bison bonasus*). *Gigascience* 6: 1-5. doi: 10.1093/gigascience/gix016.
171. Luo X, Hu Q-J, Zhou P-P, Zhang D, Wang Q, **Abbott RJ**, Liu J-Q (2017) Chasing ghosts: Allopolyploid origin of *Oxyria sinensis* (Polygonaceae) from its only diploid congener and an unknown ancestor. *Molecular Ecology* 26: 3037-3049.

2016

170. Love J, Graham SW, Irwin JA, Ashton PA, Bretagnolle F, **Abbott RJ** (2016) Self-pollination, style length development and seed set in self-compatible Asteraceae: evidence from *Senecio vulgaris* L. *Plant Ecology & Diversity* 9: 371-379.
169. Alexander-Webber D, **Abbott RJ**, Chapman MA (2016) Morphological convergence between an allopolyploid and one of its parental species correlates with biased gene expression and DNA loss. *Journal of Heredity* 107: 445-454.
168. **Abbott RJ**, Barton NH, Good JM (2016) Genomics of hybridization and its evolutionary consequences. *Molecular Ecology* 25: 2325-2332]
167. Irwin JA, Ashton PA, Bretagnolle F, **Abbott RJ** (2016) The long and the short of it: long-styled florets are associated with higher outcrossing rate in *Senecio vulgaris* and result from delayed self-pollen germination. *Plant Ecology & Diversity* 9: 159-165.

2015

166. Lafon-Placette C, Vallejo-Marín M, Parisod C, **Abbott RJ**, Köhler C. 2015. Current plant speciation research: unravelling the processes and mechanisms behind the evolution of reproductive isolation barriers. *New Phytologist* 209: 29-33

165. Brennan AC, Hiscock SJ, **Abbott RJ** (2015) The genomic architecture of phenotypic divergence across an altitudinal gradient in *Senecio*. *Annals of Botany Plants* 8: plw
DOI:10.1093/aobpla/plw022
164. Qiu Q, Wang LZ, Wang K, Yang YZ, Ma T, Wang ZF, Zhang X, Ni ZQ, Hou FJ, Long RJ, **Abbott RJ**, Lenstra JA, Liu JQ (2015) Yak domestication before 7000 B.P. sustained the early-Neolithic human population expansion on the Qinghai-Tibet Plateau. *Nature Communications* 6: 10283 (7 pages).
163. Wang Q, Liu J-Q, Allen GA, Ma Y-Z, Yue W, Marr KL, **Abbott RJ** (2015) Arctic plant origins and early formation of circumarctic distributions: a case study of the Mountain sorrel, *Oxyria digyna*. *New Phytologist* 209: 343-353
162. Lowe AJ, **Abbott RJ** (2015) Hybrid swarms: catalysts for multiple evolutionary events in British and Irish *Senecio*. *Plant Ecology & Diversity* 8: 449-463.

2014

161. Brennan RJ, Woodward G, Seehausen O, Munoz-Fuentes V, Moritz C, Guelmami A, **Abbott RJ**, Edelaar P (2014) Hybridization due to changing species distributions: adding problems or solutions to conservation of biodiversity during climate change? *Evolutionary Ecology Research* 16:475-491.
160. Liu B-B, **Abbott RJ**, Lu Z-Q, Tian B, Liu J-Q (2014) Diploid hybrid origin of *Ostryopsis intermedia* (Betulaceae) in the Qinghai-Tibet Plateau triggered by Quaternary climate change. *Molecular Ecology* 23: 3013-3027. DOI: 1111/mec.12783.
159. Wang J, **Abbott RJ**, Ingvarsson PK, Liu JQ (2014) Increased genetic divergence between two closely related fir species in areas of range overlap. *Ecology and Evolution* 4: 1019-1029. DOI: 10.1002/ece3.1007.
158. Brennan AC, Hiscock SJ, **Abbott RJ** (2014) Interspecific crossing and genetic mapping reveal intrinsic genomic incompatibility between two *Senecio* species that form a hybrid zone on Mount Etna, Sicily. *Heredity* 113: 195-204.
157. **Abbott RJ**, Brennan AC (2014) Altitudinal gradients, plant hybrid zones, and evolutionary novelty. *Philosophical Transactions of the Royal Society B* 369: 20130346.
156. Sun Y-S, **Abbott RJ**, Li L-L, Li L, Zou J-B, Liu J-Q (2014) Evolutionary history of Purple cone spruce (*Picea purpurea*) in the Qinghai-Tibet Plateau: homoploid hybrid origin and Pleistocene expansion. *Molecular Ecology* 23:343-359.
155. Li J, Wan Q, Guo Y-P, **Abbott RJ**, Rao G-Y (2014) Should I stay or should I go: biogeographic and evolutionary history of a polyploid complex (*Chrysanthemum indicum* complex) in response to Pleistocene climate change in China. *New Phytologist* 201: 1032-1044.

2013

154. Ma T, Wang J-Y, Zhou G-K, Yue Z, Hu Q-J, Chen Y, Liu B-B, Qiu Q, Wang Z, Zhang J, Wang K, Jiang D-C, Gou C-Y, Yu L-L, Zhan D-L, Zhou R, Luo W-C, Yang Y-Z, Pan S-K, Fang D-M, Luo Y-D, Wang X, Wang G-N, Wang J, Wang Q, Lu X, Chen Z, Liu J-C, Lu Y, Yin Y, Yang H-M, **Abbott RJ**, Wu Y-X, Wan D-S, Li J, Yin T-M, Lascoux M, DiFazio SP, Tuskan GA, Wang J, Liu J-Q (2013) Genomic insights into salt adaptation in a desert poplar. (2013) *Nature Communications* 4: 2797 (8 pages).
153. Li L, **Abbott RJ**, Liu B-B, Sun Y-S, Li L-L, Zou J-B, Wang X, Miede G, Liu J-Q (2013)

- Pliocene intraspecific divergence and Plio-Pleistocene range expansions within *Picea likiangensis* (Lijiang spruce), a dominant forest tree of the Qinghai-Tibet Plateau. *Molecular Ecology* 22: 5237-5255.
152. Hegarty M, Coate J, Sherman-Broyles S, **Abbott R**, Hiscock S, Doyle J (2013) Lessons from natural and artificial polyploids in higher plants. *Cytogenetic and Genome Research* 140: 204-225.
151. Wang Q, **Abbott RJ**, Yu Q-S, Liu JQ (2013) Pleistocene climate change and the origin of two desert plants, *Pugionium cornutum* and *P. dolabratum* (Brassicaceae), in northwest China. *New Phytologist* 199: 277-287.
150. Li J, Wan Q, **Abbott RJ**, Rao GY (2013) Geographical distribution of cytotypes in the *Chrysanthemum indicum* complex as evidenced by ploidy level and genome size variation. *Journal of Systematics & Evolution* 51:196-204.
149. **Abbott R**, Albach D, Ansell S, Arntzen JW, Baird SJE, Bierne N, Boughman J, Brelsford A, Buerkle CA, Buggs R, Butlin RK, Diekmann U, Eroukhmanoff F, Grill, A, Helms Cahan S, Hermansen JS, Hewitt G, Hudson AG, Jiggins C, Jones J, Keller B, Maczewski T, Mallet J, Martinez-Rodriguez P, Most M, Mullen S, Nichols R, Nolte AW, Parisod C, Pfennig K, Rice AM, Ritchie MG, Seifert B, Smadja CM, Stelkens R, Szymura JM, Vainola R, Wolf JBW, Zinner D (2013) Hybridization and speciation. *Journal of Evolutionary Biology* 26:229-246.
- 2012**
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1984

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1983

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1982

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1981

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1979

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1977

5. **Abbott RJ** (1977) A quantitative association between soil moisture content and the frequency of the cyanogenic form of *Lotus corniculatus* L. at Birsay, Orkney. *Heredity* 38: 397-400.

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3. **Abbott RJ** (1976) Variation within Common Groundsel, *Senecio vulgaris* L. II. Local differences within cliff populations on Puffin Island. *New Phytologist* 76: 165-172.
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1974

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D O N A L D D A N F O R T H
P L A N T S C I E N C E C E N T E R
D I S C O V E R Y | C O M M U N I T Y | I M P A C T

975 North Warson Rd.
St. Louis, MO 63132
March 18, 2019
ekellogg@danforthcenter.org

Dear BSA Council,

I am happy to nominate Dr. Fernando Zuloaga as a Corresponding Member of the BSA. This nomination is supported by Drs. Paul Peterson and Rob Soreng (both at the Smithsonian Institution) and Dr. Gerrit Davidse (Missouri Botanical Garden). Their letters are attached, along with Fernando's CV, a short version in English and a more comprehensive one in Spanish.

Fernando is the world's authority on the grass subfamily Panicoideae. This group includes more than 3000 species so is larger than many angiosperm families. It also includes the world's most economically important plants (maize, sorghum, and sugar cane) as well as many that are ecologically dominant. Fernando's work on the genus *Panicum* has been truly transformational. It was long thought to be one of the largest genera of grasses, and was undoubtedly one of the most confusing taxonomically. Fernando's work showed that it was polyphyletic. Importantly, he went beyond the phylogenetic insights to monograph and re-name all the fragments that were segregated out of *Panicum*. This has then permitted extensive subsequent work by Fernando himself and many others investigating the biology of the various pieces that had once been artificially associated. Fernando has also monographed most of the genus *Paspalum* as well as many smaller genera. *Paspalum* includes about 300 species and is (mostly) monophyletic but replete with taxonomic problems. Once again he has attacked a major problem genus and made sense of it, providing the basis for much subsequent work.

While maintaining his activity in Panicoideae, Fernando has produced a number of substantive books. He has produced contributions to the *Flora of Argentina* and has also served as editor in chief. He has also contributed to *Catálogo de Cono Sur (Argentina, sur de Brasil, Chile, Paraguay y Uruguay)*, a highly cited catalog of the flora of southern South America. He was a major contributor to the *Catalogue of New World Grasses*, which has subsequently been expanded to encompass grasses of the world. As you can see from his other letters of support, it is hard to decide which of these is most influential since they address different botanical problems and audiences. Taken together, they constitute a major set of references and foundational studies that serve the botanical community well beyond South America.

In addition to his career as a taxonomist and monographer, Fernando has been the Director of the Instituto de Botánica Darwinion in San Isidro, Buenos Aires, since 1998, and served in other

leadership roles for seven years before that. The Institute has become a center for Argentine botany and a welcoming place for visitors, an intellectual hub for botanists in South America. Fernando has traveled widely and by his personal efforts has placed the Institute on the international map, making connections to major botanical institutions throughout the world but particularly to the Missouri Botanical Garden and Smithsonian Institution.

Fernando has also been committed to training the next generation of South American botanists. He has supervised 14 Ph.D. students and been on the academic committees of seven more. Nearly all of them have gone on to careers in botany. He enables them to publish their work and to develop their own independent research tracks. He thus has had an influence far beyond his own research.

Finally, as noted by Paul, Rob, and Gerrit, Fernando is an excellent and valuable collaborator. All of us have had the privilege of collaborating with him over decades and know first-hand how much he has contributed and continues to contribute to systematic botany. I have worked with him on a number of papers and can attest to all the many positive comments made in the other nomination letters. Fernando Zuloaga would be an excellent Corresponding Member of BSA.

Sincerely,

A handwritten signature in cursive script that reads "Toke Kellogg". The signature is written in black ink on a white background.

Elizabeth Kellogg
Robert E. King Distinguished Investigator



Smithsonian
National Museum of Natural History

13 March 2019

Corresponding Members Committee:

I am writing a letter of support for Dr. Fernando O. Zuloaga to become a Botanical Society of America Corresponding Member (Award). I have known Fernando for more than 32 years having first met him while attending the Grass Systematics and Evolution meeting held at the Smithsonian Institution in July of 1986 as a graduate student. Little did I know that many who I first met at that meeting would become lifelong friends, including Fernando. I have traveled to Argentina on five extended field-collecting expeditions of up to four months each and he has graciously provided me with housing while in San Isidro, accompanied me on some of these journeys, and lent me a Darwinion vehicle or helped negotiate a low cost 4x4 vehicle for our use.

Fernando and I first started collaborating in 1990 on the Catalogue of New World grasses, which we published in four volumes in the *Contributions from the US National Herbarium* series and we still maintain the best database on New World grass nomenclature (tropicos.org). We continue to collaborate on the grass systematic research culminating in two well-cited papers in 2015 and 2017 on the worldwide phylogenetic classification of the Poaceae where we place all genera in 12 subfamilies, 52 tribes, and 90 subtribes.

Fernando is super friendly, easy to work with, and very knowledgeable when addressing the panicoid grasses. His stellar list of more than 200 grass publications is a testament to his hard work and dedication to science. Likewise, he has directed 14 PhD students to become top-notch botanists, many I have collaborated with over the years. In addition, Fernando has served as a committee member for seven PhD students. He has been an integral director and participant in Argentina's science organization, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), and is the Director of Instituto de Botanica Darwinion (20+ yrs). For all of these reasons, I feel the nominee is well deserving of the honor to become a BSA corresponding member.

Dr. Zuloaga has produced many excellent publications and it is most difficult to choose his most important contribution. Even though his *Catálogo de las plantas vasculares del Cono Sur* (2008) is his most cited publication in Google Scholar, I feel his best botanical contribution thus far is the two volumes he edited on the *Flora Argentina, Poaceae*, vol. 3(1): 1–600 and 3(2): 1–600 (2012). These two volumes contain detailed descriptions, keys and illustrations of all grasses that occur in Argentina. The tracking system we use for determining the importance of our work is flawed since there are literally hundreds of researchers, scientists, land managers, etc. who use floristic treatments but never publish a paper citing their use.

Sincerely,

A handwritten signature in black ink that reads "Paul M. Peterson". The signature is written in a cursive style with a horizontal line underlining the name.

Paul M. Peterson
Curator of Grasses
Department of Botany, MRC-166
National Museum of Natural History
Smithsonian Institution
P.O. Box 37012
Washington, DC 20013-7012
Tel 202-633-0975; Fax 202-786-2563
peterson@si.edu
<https://profiles.si.edu/display/nPeterson7192005>



I am pleased to strongly support the nomination of Dr. Fernando O. Zuloaga for the prestigious award of Corresponding Member of the Botanical Society of America.

I first encountered Fernando Zuloaga, in 1986, as he gave an impressive talk on the Systematics of the New World species of the genus *Panicum* (at that time one of world's three largest genera of grasses) at the first International meeting on Grass Systematics and Evolution, held in at the Smithsonian Institution National Museum of Natural History. Fernando delivered one of the nine talks on Systematics of Major Groups. It was a high honor for a young PhD to be speaking among the luminaries of Agrostology.

When I joined the Catalogue of New World Grasses (CNWG) project in 1993 as Chief Editor and Subfamily Editor for Pooideae, Fernando had held numerous positions and become a Curator of Darwinion in 1991. He was already a CNWG Subfamily Editor along with his former student Dr. Osvaldo Morrone, of the Paniceae tribe. The CNWG volume with Panicoideae was published in 2003. Their taxonomic group covered over 70 genera in 13 subtribes, including some 900 species (and probably ca 5000 synonyms). This was a massive undertaking to record type protologues, types specimens, secondary literature references, distributions by country, and synonymy, covering over 24000 published names in ca 4600 accepted species recorded in the four published volumes (1700 pages). The CNWG data are on-line via Tropicos (<http://www.tropicos.org/NameSearch.aspx?projectid=10>), and are routinely updated.

Fernando and Osvaldo were a tight, efficient and effective team in our CNWG project, and were a delight to work with (Osvaldo Morrone passed away in 2011). They knew their taxa well. We frequently communicated and continue to do so by email. We met at international meetings, and in during their herbarium visits to the Smithsonian, or ours to Argentina for field and herbarium work. Fernando has collected widely across the American tropics (over 14500 numbers), and given countless talks at international meetings. He has been an editor for several journals and reviewed many papers.

Beyond our Catalogue work, I have always been impressed by the excellent quality of research papers that have poured forth from Zuloaga, coauthored with many other Agrostology students cum PhDs under Fernando's supervision and other scientists (over 200 published papers), combining anatomy, morphology, and DNA phylogenetics. Fernando later became the director of Darwinion (1998 to present). He has mentored some 20 or more students from across Latin America, through higher degrees, most of them I am familiar with have become excellent taxonomists in their own careers. Fernando has supervised dozens of grants and guided several major floristic projects including the Flora Argentina, a fully illustrated taxonomic account of the rich flora of his country (grasses published in 2 volumes in 2012). He has become the world's leading taxonomic expert in the large grass tribes Paniceae and Paspalinae. He is a friendly, patient, intelligent, joyful, enthusiastic, and helpful person to work with, and the many who have worked with him have benefited from his guidance and encouragement.

Dr. Fernando O. Zuloaga has served the botanical community in many ways over many years, and is an excellent candidate for Corresponding Member of BSA.

Sincerely yours,

Robert J. Soreng PhD, Research Associate
Dept. of Botany - US National Herbarium (US)
MRC-166 NHB
National Museum of Natural History
Smithsonian Institution
Washington DC 20013-7012



11 March 2019

Dear Toby:

I am very pleased to support the nomination of Dr. Fernando Zuloaga of the Instituto Darwinion, San Isidro, Argentina, to become a Corresponding Member of BSA. Fernando has made outstanding contributions to plant science as a researcher, as a teacher, and as an administrator of the premier botanical research institution in Argentina, the Instituto de Botánica Darwinion.

Having worked and published with him over several decades, I can vouch from personal experience for his drive, ability, knowledge, and productivity.

He has published extensively, above all on the systematics of the Poaceae, very ably following in the footsteps of the first great agrostologist of Argentina, Lorenzo R. Parodi (1895-1966). For most of his career he has been especially involved in the exploration of relationships and the reclassification of the panicoid grasses. As part of this effort, he and colleagues have been responsible for more than 328 nomenclatural innovations, including the naming and description of 114 new species, genera, and suprageneric taxa of grasses and including a genus of Brassicaceae and a species of Polygalaceae.

He has collected extensively in Latin America from Argentina and Chile, to Paraguay, Brazil, Venezuela, Colombia, Costa, Panama, Mexico, and Cuba, gathering in this process well in excess of 16,000 numbered collections, including types of species of Poaceae, Brassicaceae, and Moraceae.

He has also promoted and contributed to a number of major floristic projects, including checklists such as, among others, the *Catalogue of New World Grasses*, *Catálogo de Cono Sur (Argentina, sur de Brasil, Chile, Paraguay y Uruguay)*, *Vascular Plants of the Americas*, and he is the director and a major contributor to the *Flora de Argentina*, a monographic style account of the plants of Argentina that has made admirable progress, with eleven volumes published so far.

In addition to his research work throughout his career, he has served at several administrative ranks, finally advancing to the directorship of the Instituto Darwinion. Under his leadership the highly informative institutional website <http://www.darwin.edu.ar/> was developed.

He has overseen the thesis work of an impressive number of graduate students, most of whom have become professional botanists and published cooperatively with Fernando, and, of course, on their own.

In summary, I am happy to strongly endorse Fernando without any qualifications.

Gerrit Davidse

Gerrit Davidse

Senior Curator

CURRICULUM VITAE

Fernando Omar Zuloaga

Instituto de Botánica Darwinion, Casilla de Correo 22, San Isidro (1642), Argentina, email: fzuloaga@darwin.edu.ar

Personal and Educational

Born August 9, 1951, La Plata, Argentina. Doctor in Ciencias Naturales, Facultad de Ciencias Naturales y Museo de La Plata, Universidad Nacional de La Plata, 1978. Ph.D. director: Dr. Angel L. Cabrera.

Appointments

Fellow of the Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET, Argentina.

"Taxonomía y Ecología de las especies argentinas del género Panicum (Gramineae)". Instituto Darwinion, Argentina, April of 1977 to October of 1979.

Research Associate, Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET, Argentina, 1979-1989.

Fellow of Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET, Argentina.

"Estudios biosistemáticos sobre Paniceas Sudamericanas. National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A. February of 1982 to December of 1983.

Short-term visitor Grant of the National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A. "Taxonomic studies in the tribe Olyreae (Poaceae: Bambusoideae).

National Museum of Natural History, Smithsonian Institution. August and September of 1986.

Sous-Directeur, Associé Etranger, of the Museum National d'Histoire Naturelle, Laboratoire de Phanerogamie, Paris, December 1989-January 1990.

Fellow of the John Simon Guggenheim Memorial Foundation, New York, United States.

"Systematics of neotropical grasses." Missouri Botanical Garden, April through November of 1990.

Fellow of the Jessie Smith Noyes Foundation, Missouri Botanical Garden, St. Louis, U.S.A., 1990-1991. "Revisión de las especies neotropicales del género Panicum (Poaceae: Panicoideae: Paniceae)." Missouri Botanical Garden, St. Louis, United States. November of 1990 to March of 1991.

Curator of the Darwinion Institute, 1991-1996

Director of Research, Darwinion Institute, 1991-1996

Director of the periodical journal Darwiniana, 1998-2006.

Vicedirector of the Darwinion Institute, 1997-1998.

President of Sociedad Argentina de Botánica, 1992-1994.

Current appointments

Director of the Darwinion Institute, 1998-present.

Professor of Phytogeography, Universidad Nacional de La Plata, 1995-present.

Senior Scientist for the Flora of Argentina, Missouri Botanical Garden, St. Louis, U.S.A., March 1991-present

Research Fellow, Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET, Argentina, 1989-present. Current position: Superior researcher (2007-present).

Director of the project Flora de Jujuy, 1997-present.

Director of the project Flora Fanerogámica Argentina.

Awards

Premio "Conservar el Futuro", for the publication of the checklist of Vascular Plants of Argentina, Administración de Parques Nacionales, Presidencia de la Nación, Argentina, April 2003.

Premio Konex, Fundación Konex, , Buenos Aires, July 2003.

Honorary Member of Fundación Miguel Lillo, Tucumán, Argentina, 2008.

Member of the Academy of Sciences of Córdoba, 2002 to the present.

Member of the National Academy of Natural, Physics and Exact Science of Argentina, 2013 to the present.

Grants

Approximately 50 grants from CONICET, World Wildlife Fund, National Geographic Society, Smithsonian Institution, Fundación Antorchas, Mellon Foundation, CONICET/NSF, Missouri Botanical Garden, and FONCYT, Argentina.

Training

Director of 21 Ph.D. students (20 Ph. D. thesis concluded in Universidad de La Plata, Universidad de Buenos Aires, Universidad del Comahue, 1 in progress).

Director of 35 fellows from CONICET.

Director of 15 researchers of Carrera del Investigador Científico, CONICET.

Publications

212 articles on systematics of vascular plants, mainly of the family Poaceae; **15** books published.

Some publications:

- Zuloaga, F.O. & T.R. Soderstrom. 1985. Classification of the outlying species of New World *Panicum* (Poaceae: Paniceae). Smithsonian Contributions to Botany 59: 63 pp.
- Zuloaga, F.O. 1987. A revision of *Panicum* Subg. *Panicum* Sect. *Rudgeana* (Poaceae: Paniceae). Ann. Missouri Bot. Gard. 74: 463-478.
- Zuloaga, F.O. 1987. Systematics of the New World species of *Panicum* (Poaceae: Paniceae). In Soderstrom, T. R. et al., editors, Grass Systematics and Evolution: 287-306. Washington, D. C.: Smithsonian Institution Press.
- Zuloaga, F.O. & T. Sendulsky. 1988. A revision of *Panicum* Subg. *Phanopyrum* Sect. *Stolonifera* (Poaceae: Paniceae). Ann. Missouri Bot. Gard. 75: 420-455. 1988.
- Zuloaga, F.O., Dubcovsky, J. & O. Morrone. 1989. Exomorphological, Anatomical, and Cytological studies in *Panicum validum* (Poaceae: Paniceae). Its systematic position within the genus. Systematic Botany 14(2): 220-230.
- Zuloaga, F.O., Ellis, R.P. & O. Morrone. 1992. A revision of *Panicum* subgenus *Phanopyrum* section *Laxa* (Poaceae: Panicoideae: Paniceae). Ann. Missouri Bot. Gard. 79: 770-818.
- Zuloaga, F.O. & E. Judziewicz. 1991. A revision of the genus *Raddiella* (Poaceae: Bambusoideae: Olyreae). Ann. Missouri Bot. Gard. 78(4).
- Zuloaga, F.O., Ellis, R.P. & O. Morrone. 1993. A revision of *Panicum* subgenus *Dichantherium* section *Dichantherium* (Poaceae: Panicoideae: Paniceae). Ann. Missouri Bot. Gard. 80(1): 119-190.
- Zuloaga, F.O. et al. 1994. Catálogo de la familia Poaceae en la República Argentina. Monographs in Systematic Botany from the Missouri Botanical Garden 47: 1-178.
- Zuloaga, F.O. & O. Morrone. 1996. Revisión de las especies americanas de *Panicum* sec. *Panicum* (Poaceae: Panicoideae: Paniceae). Ann. Missouri Bot. Garden 83: 198-278.
- Zuloaga, F.O. & O. Morrone (eds.). 1996. Catálogo de las Plantas Vasculares de la Argentina: Pteridophyta, Gymnospermae y Monocotyledoneae (excluyendo Poaceae). Monographs in Systematic Botany from the Missouri Botanical Garden 60: 1-332.
- Zuloaga, F.O. & O. Morrone (eds.). 1999. Catálogo de las Plantas Vasculares de la Argentina: Dicotyledoneae. Monographs in Systematic Botany from the Missouri Botanical Garden 74: 1-1246.
- Salariato, D.L., Zuloaga, F.O. & I.A. Al-Shehbaz. 2013. Molecular phylogeny of *Menonvillea* and recognition of the new genus *Aimara* (Brassicaceae: Cremolobeae). Taxon 62(6): 1220-1234.
- Scataglini, A., Zuloaga, F. O., Giussani, L. M., Denham, S. S. & O. Morrone. 2014. Phylogeny of *Paspalum* (Poaceae, Panicoideae, Paspaleae) based on plastid and nuclear markers. Plant Systematics and Evolution 300: 1051-1070.
- Morrone, O., Aliscioni, S.A., Pensiero, J., J. Veldkamp, Zuloaga, F.O. & E. Kellogg. 2014. A revision of Old World species of *Setaria* (Poaceae: Panicoideae: Paniceae). Systematic Botany Monographs 96: 1-161. Corresponding author: F. Zuloaga.
- Scataglini, A., Aliscioni, S. & F. O. Zuloaga. 2014. On the taxonomic position of *Panicum scabridum* (Poaceae, Panicoideae, Paspaleae). Phytotaxa 163(1): 1-15.
- Salariato, D., Zuloaga, F. O. & I. Al Shehbaz. 2014. A revision of the genus *Menonvillea* (Brassicaceae). Phytotaxa 162: 241-298.
- Acosta, J., Scataglini, M.A., Reinheimer, R. & F.O. Zuloaga. 2014. A phylogenetic study of subtribe Otachyriinae (Poaceae, Panicoideae, Paspaleae). Plant Systematics and Evolution 300: 2155-2166.

- Cialdella, A. M., S.M. Sede, K. Romaschenko, P.M. Peterson, R.J. Soreng, F.O. Zuloaga & O. Morrone. 2014. Phylogeny of *Nassella* (Stipeae, Pooideae, Poaceae) Based on Analyses of Chloroplast and Nuclear Ribosomal DNA, and Morphology. *Systematic Botany* 39(3): 814-828.
- Scataglini, M. A., Lizarazu, M. A. & F.O. Zuloaga. 2014. A peculiar amphitropical genus of Paniceae (Poaceae, Panicoideae). *Systematic Botany* 39(4): 1108-1119.
- Zuloaga, F.O., Pensiero, J.F. & O. Morrone. 2014. Paniceae, *Oncorachis a Urochloa* en Flora de Paraguay, Conservatoire et Jardin Botaniques, Ginebra, Suiza. *Fl. Paraguay* 45: 1-215.
- Salariato, D. L., Zuloaga, F. O., Cano, A. L. & I. A. Al-Shehbaz. 2014. Molecular phylogenetics of tribe Eudemeae (Brassicaceae) and implications for its morphology and distribution. *Molecular Phylogenetics and Evolution* 82: 43-59.
- Soreng, R.J., Peterson, P.M., Romaschenko, K., Davidse, G., Zuloaga, F.O., Judziewicz, E., Filgueiras, T.S. & O. Morrone. 2015. A Worldwide Phylogenetic Classification of the Poaceae (Gramineae). *Journal of Systematics and Evolution* 53(2): 117-137. doi: 10.1111/jse.12150
- Zuloaga, F. O., Salomón, L. & A. Scataglini. 2015. Phylogeny of sections *Clavelligerae* and *Pectinatae* of *Panicum* (Poaceae, Panicoideae, Paniceae). *Plant Systematics and Evolution* 301: 1693-1711.. DOI 10.1007/s00606-014-1186-6
- Salariato, D., Zuloaga, F. O. & I. Al Shehbaz. 2015. A taxonomic revision of the genus *Xerodraba* (Eudemeae, Brassicaceae). *Phytotaxa* 207(1): 39-67.
- Biganzoli, F. & F.O. Zuloaga. 2015. Análisis de diversidad de la familia Poaceae en la región austral de América del Sur. *Rodrigüesia* 66(2): 337-351.
- Borsch, T., P. Hernández-Ledesma, W.G. Berendsohn, H. Flores-Olvera, H. Ochoterena, F.O. Zuloaga, S. von Mering & N. Kilian. 2015. An integrative and dynamic approach for monographing species-rich plant groups – Building the global synthesis of the angiosperm order Caryophyllales. *Perspectives in Plant Ecology, Evolution and Systematics* 17: 284-300.
- Zuloaga, F. O. & M. Belgrano. 2015. The Catalogue of Vascular Plants of the *Southern Cone* and the Flora of Argentina: their contribution to the World Flora. *Rodrigüesia* 66 (4): 989-1024.
- Salariato, D. & F. O. Zuloaga. 2015. Taxonomic placement of *Onuris hauthalii* (Brassicaceae: Eudemeae) based on morphology and multilocus species tree analyses. *Kew Bulletin* 70: 1-8. ISSN: 0075-5974
- Aagesen, L., Biganzoli, F., Reinheimer, R., Bena, J. & F. O. Zuloaga. Macro-climatic distribution limits show both Niche expansion and Niche specialization among C₄ Panicoids. 2016. *PLOS one* 11(3): e0151075; doi:10.1371/journal.pone.0151075.
- Arias, S., Berendsohn, W. G., Borsch, T., Flores-Olvera, H., Ochoterena, H., von Mering, S. & F. O. Zuloaga. 2016. *Caryophyllales 2015* in Berlin and the Global Caryophyllales Initiative. *Taxon* 65(2): 427-428. <http://dx.doi.org/10.12705/652.60>
- Salariato, D. L., Zuloaga, F. O., Franzke, A., Mummenhoff, K. & I. A. Al-Shehbaz. 2016. Diversification patterns in the CES clade (Brassicaceae tribes Cremolobeae, Eudemeae, Schizopetaleae) in Andean South America. *Botanical Journal of the Linnean Society*. DOI: 10.1111/boj.12430
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- Nicola, M., Salomón, L. & F. O. Zuloaga. 2018. Nomenclatural and taxonomic study in species of *Viola* (Violaceae) from Argentina. Aceptado para su publicación en *Phytotaxa*.
- Zuloaga, F. O., Salariato, D. & A. Scataglini. 2018. Molecular phylogeny of *Panicum* s. str. (Poaceae, Panicoideae, Paniceae) and insights into its biogeography and evolution. *PloS One*.

Others

Member of the Botanical Society of Argentina.

Member of the American Society of Plant Taxonomists.
Member of the International Association of Plant Taxonomists.
Member of the Botanical Society of America.

A handwritten signature in black ink, appearing to be 'C. S. Gentry', written in a cursive style. The signature is positioned above a solid horizontal line.

CURRICULUM VITAE

ANTECEDENTES PERSONALES

Apellido y nombres: **ZULOAGA, Fernando Omar**

Fecha de nacimiento: 9 de agosto de 1951, La Plata, Argentina.

Documento: DNI 8574818.

Dirección particular: Yerbal 1789, Villa Adelina, Provincia de Buenos Aires. TE: 4766-0180.

Dirección laboral: Instituto de Botánica Darwinion, Labarden 200, Casilla de Correo 22, B1642HYD, San Isidro, Provincia de Buenos Aires. TE: 743-4800.

email: fzuloaga@darwin.edu.ar

TÍTULOS UNIVERSITARIOS

- Licenciado en Botánica. Facultad de Ciencias Naturales y Museo de la Universidad Nacional de La Plata, marzo de 1970 a diciembre de 1974.
- Doctor en Ciencias Naturales (orientación Botánica), Facultad de Ciencias Naturales y Museo de la Universidad Nacional de La Plata, 6 de julio de 1978. Promedio general de la Carrera: 8.70. Tesis doctoral: Las especies argentinas del género *Panicum* (Poaceae: Paniceae). Calificación: Sobresaliente, con mención especial para su publicación. Director: Dr. Angel L. Cabrera.

DISTINCIONES OBTENIDAS

- Fellow de la Smithsonian Institution, Washington, D.C., U.S.A, entre agosto y setiembre de 1986.
- Fellow de la John Simon Guggenheim Memorial Foundation, New York, Estados Unidos, 1990.
- Fellow de la Jessie Smith Noyes Foundation, 1990-1991 en el Missouri Botanical Garden de la ciudad de St. Louis, Missouri, Estados Unidos de América.
- Sous-Directeur, Associé Etranger, del Museum National d'Histoire Naturelle, Laboratoire de Phanerogamie, Paris, entre el 1 de diciembre de 1989 y el 31 de enero de 1990.
- Senior Scientist para la Flora de Argentina por el Missouri Botanical Garden, marzo de 1991.
- Académico Titular, Academia Nacional de Ciencias de Córdoba, a partir de mayo de 2002.
- Premio "Conservar el Futuro", otorgado por la Administración de Parques Nacionales, Presidencia de la Nación, abril de 2003.
- Diploma al Mérito Fundación Konex, por haber sido designado una de las cinco figuras en la última década de la Ciencia y la Tecnología en la disciplina Botánica, Buenos Aires, 2003.
- Miembro de Honor de la Fundación Miguel Lillo, diciembre de 2008.
- Académico Titular, Academia Nacional de Ciencias Exactas, Físicas y Naturales, Buenos Aires, a partir de marzo de 2014.

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ANTECEDENTES LABORALES EN INVESTIGACIÓN Y DOCENCIA

- Ayudante de segunda "ad honorem" en la cátedra de Fundamentos de Botánica, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, 1970 a 1971.
- Ayudante de segunda "ad honorem" en la cátedra de Sistemática de Plantas Vasculares, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, 1972 y 1973.
- Ayudante de primera "ad honorem" en la cátedra de Fundamentos de Botánica, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, 1975.
- Encargado de sección "ad honorem" de la División Plantas Vasculares, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, 1975.
- Ayudante de primera, con dedicación exclusiva, de la cátedra de Sistemática de Plantas Vasculares, Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Buenos Aires, noviembre de 1975 a abril de 1977.
- Profesor Adjunto, con semidedicación, en la cátedra de Morfología y Sistemática Vegetal en la Universidad Nacional de Luján, entre octubre y noviembre de 1979.
- Designado como Profesor Titular con Dedicación Exclusiva de la Fundación Miguel Lillo en julio de 1989. No se hizo cargo.
- Investigador Adjunto de la Carrera del Investigador Científico del Consejo Nacional de Investigaciones Científicas y Técnicas, desde octubre de 1979 hasta diciembre de 1988. Luego Inv. Independiente y Principal hasta 2007.
- Profesor Titular, dedicación simple, de la cátedra de Fitogeografía, Facultad de Ciencias Naturales, Universidad Nacional de La Plata, por concurso, a partir de abril de 1995.
- Curador del Instituto Darwinion, octubre de 1991 a junio de 1996.
- Jefe de la Sección Sistemática del Instituto Darwinion, octubre de 1991 a junio de 1996.
- Miembro del Consejo Directivo del Instituto Darwinion, octubre de 1993 a junio de 1996.
- Programa de Incentivos, Universidad Nacional de La Plata. Categoría I. Hasta 2014.
- Subdirector del Instituto de Botánica Darwinion, entre julio de 1997 y junio de 1998.

- Director de la revista Darwiniana, julio de 1997 a diciembre de 2006.

CARGOS ACTUALES

- Miembro de la Carrera del Investigador Científico del Consejo Nacional de Investigaciones Científicas y Técnicas . Clase Clase *Investigador Superior* desde 2007.
- **Director** del Instituto de Botánica Darwinion, IBODA, a partir de junio de 1998.
- **Profesor Titular**, Dedicación Simple, Cátedra de Fitogeografía, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, cargo por concurso a partir de abril de 1995, cargo nuevamente concursado en 2013.
- **Director** del plan Flora de la provincia de Jujuy.
- **Director** del plan Flora Argentina.

FORMACIÓN DE RECURSOS HUMANOS. DIRECCIÓN DE INVESTIGADORES, TESIS, BECARIOS

1. DIRECCIÓN DE BECARIOS

Se ha dirigido, o dirige, un total de aproximadamente 35 becarios.

- Codirector de beca de perfeccionamiento del Consejo Nacional de Investigaciones Científicas y Técnicas del Lic. Osvaldo Morrone, 1985-1987.
- Codirector de beca de perfeccionamiento del Consejo Nacional de Investigaciones Científicas y Técnicas del Lic. Osvaldo Morrone, 1987-1993.
- Director de beca de perfeccionamiento de la Lic. Rosalba Gomez, beca otorgada por la Red Latinoamericana de Botánica, para realizar un trabajo de investigación en el Instituto Darwinion, entre octubre de 1989 y febrero de 1990, sobre el tema "Revisión del género *Digitaria* para Venezuela".
- Director de beca de perfeccionamiento del Dr. Eduino Carbonó, Universidad del Magdalena, Santa Marta, Colombia, para revisar la taxonomía de las especies colombianas del género *Paspalum*, Instituto de Botánica Darwinion, entre octubre de 1991 y febrero de 1992. Beca otorgada por la Red Latinoamericana de Botánica.
- Director de Beca de Iniciación del Consejo Nacional de Investigaciones Científicas y Técnicas de la Lic. Andrea Vega, a partir de abril de 1993.
- Codirector de Beca de Perfeccionamiento del Consejo Nacional de Investigaciones Científicas y Técnicas del Lic. Alejandro Zucol, a partir de abril de 1993.
- Director de Beca de Iniciación del Consejo Nacional de Investigaciones Científicas y Técnicas de la Lic. Sandra Alliscioni, a partir de abril de 1994.
Tema: "Revisión histofoliar de los grupos Macrophylla, Virgata y Quadrifaria del género *Paspalum* (Poaceae: Panicoideae: Paniceae)."
- Codirector de Beca de Iniciación del Consejo Nacional de Investigaciones Científicas y Técnicas de la Lic. M. Negritto, a partir de abril de 1994.
- Codirector de Beca de Perfeccionamiento del Consejo Nacional de Investigaciones Científicas y Técnicas del Dr. Raul Pozner, a partir de abril de 1994.
- Director de Beca de Iniciación del Consejo Nacional de Investigaciones Científicas y Técnicas de la Lic. Liliana Giussani, a partir de noviembre de 1994.
- Director de Beca de Perfeccionamiento del Consejo Nacional de Investigaciones Científicas y Técnicas de la Lic. Liliana Giussani, a partir del 1 de abril de 1995.
- Codirector de Beca de Iniciación del Consejo Nacional de Investigaciones Científicas y Técnicas del Lic. Esteban Bortiri, a partir del 1 de abril de 1995.
- Director de Beca de Perfeccionamiento del Consejo Nacional de Investigaciones Científicas y Técnicas de la Lic. Andrea Vega, a partir del 1 de abril de 1995 hasta julio de 1998.
- Director de Beca Postdoctoral del Lic. Alejandro Zucol, del 1 de abril de 1995 al 1 de abril de 1996.
- Director de beca de perfeccionamiento del Biólogo Diego Giraldo Cañas, Instituto Amazónico de Ciencias Naturales, Bogotá, para revisar la taxonomía de las especies colombianas del género *Axonopus*, Instituto de Botánica Darwinion, entre agosto y diciembre de 1996. Beca otorgada por la Red Latinoamericana de Botánica.
- Director de beca postdoctoral de la Dra. Liliana Giussani a partir de abril de 1997 a 2000.
- Codirector de beca postdoctoral de la Lic. M. Negritto a partir de agosto de 1998 a 1999.
- Director de beca interna de formación de postgrado de la Lic. Silvia S. Denham a partir de abril de 2000 hasta 2005.
- Director de beca mixta de formación del CONICET de la Lic. Carolina Calviño a partir de julio de 2002 a 2007.
- Director de beca interna de formación de postgrado de la Lic. Renata Reinheimer a partir de abril de 2003 a 2007.
- Director de beca interna de formación de postgrado de la Lic. Paola Peralta a partir de abril de 2005 a 2009.

- Director de beca tipo I del CONICET de la Lic. Natalia Alvarez, 2008 a 2009.
- Director de beca tipo I del CONICET del Lic. Cristian Larsen, a partir de abril de 2009.
- Director de beca tipo I del CONICET de la Ing. Carolina Godoy, a partir de abril de 2010. Director de beca tipo II a partir de 2013.
- Director de beca tipo I del CONICET de la Lic. Luciana Salomón, a partir de abril de 2011. Director de beca tipo II a partir de 2014.
- Director de beca postdoctoral del Dr. Diego Salariato, CONICET, a partir de abril de 2011 hasta marzo de 2013.
- Director de beca postdoctoral del Dr. Diego De Gennaro, CONICET, a partir de abril de 2011 hasta marzo de 2013.
- Director de beca postdoctoral del Dr. Juan Acosta, CONICET, a partir de abril de 2012 hasta diciembre de 2015.
- Director de beca postdoctoral de la Dra. Mabel Lizarazu, a partir de abril de 2014 hasta diciembre de 2015.
- Director de beca doctoral de la Lic. Adolfini Savoretti, a partir de abril de 2014.
- Codirector de beca doctoral de la Lic. Julia Bena, a partir de abril de 2013.
- Codirector de beca doctoral del Lic. Pablo Moroni, a partir de abril de 2015.
- Director de beca postdoctoral de la Dra. Luciana Salomón, a partir de abril de 2016.
- Director de beca doctoral de la Lic. A. Martínez, a partir de abril de 2017.

2. DIRECCION DE TESIS DOCTORALES

Se han dirigido 14 Tesis Doctorales y codirigido un total de 7. Se dirige en la actualidad 1 Tesis Doctoral:

- Director de Tesis de Doctorado del Lic. Osvaldo Morrone, Fac. de Ciencias Naturales y Museo, Universidad Nacional de La Plata.
Tema: "Revisión de las especies sudamericanas del género Brachiaria (Paniceae-Poaceae).
Presentada por el Lic. Morrone en la Universidad de La Plata en noviembre de 1989.
Calificación: 9 (Nueve).
- Codirector de Tesis de Doctorado del Lic. Alejandro Zucol, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata.
Tema: "Estudio morfológico-comparativo de especies de los géneros Stipa, Paspalum y Panicum (Poaceae) de la provincia de Entre Ríos. Esta tesis fue presentada por el Lic. Zucol en la Universidad Nacional de La Plata en diciembre de 1996.
Calificación: 10 (Diez, con mención especial para su publicación).
Posición actual del investigador: Investigador Adjunto de la CIC del CONICET.
- Director de Tesis de Doctorado de la Lic. Andrea Vega, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires.
Tema: "Revisión de las especies americanas del género Bothriochloa (Poaceae)". Esta tesis fue presentada por la Lic. Vega en la Universidad de Buenos Aires en diciembre de 1997.
Calificación: Sobresaliente.
Posición actual del investigador: Investigador Independiente de la CIC del CONICET. Profesor Adjunto, dedicación exclusiva, Universidad de Buenos Aires.
- Director de Tesis de Doctorado de la Lic. Liliana Giussani, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires.
Tema: "Revisión de las especies sudamericanas dioicas del género Poa (Poaceae: Pooideae: Poaeae)."
Esta tesis fue presentada por la Lic. Giussani en la Universidad de Buenos Aires en diciembre de 1997.
Calificación: Sobresaliente.
Posición actual del investigador: Investigador Adjunto de la CIC del CONICET.
- Director de Tesis de Doctorado de la Lic. Sandra Aliscioni, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata.
Tema: "Estudio histofoliar comparado de especies americanas del género Paspalum (Poaceae: Panicoideae: Paniceae). Esta tesis fue presentada por la Lic. Aliscioni en la Universidad Nacional de La Plata en junio de 1999.
Calificación: Sobresaliente (10) con mención especial para su publicación.

Posición actual del investigador: Jefe de Trabajos Prácticos, Universidad de Buenos Aires. Investigador Adjunto de la CIC del CONICET.

- Codirector de Tesis de Doctorado del Lic. Jorge Chiapella, Universidad Nacional del Comahue.
Tema: "Estudio morfológico, taxonómico y evolutivo del género *Deschampsia* (Poaceae: Aveneae) con énfasis en las especies sudamericanas". Esta tesis fue presentada por el Lic. Chiapella en la Universidad Nacional del Comahue en marzo de 2001.

Calificación: Sobresaliente (10).

Posición actual del investigador: Investigador Adjunto de la CIC del CONICET.

- Director de Tesis de Doctorado del Biól. Diego Giraldo Cañas, Universidad Nacional de La Plata.
Tema: "Revisión sistemática del género *Axonopus*, serie Barbigeri (Poaceae, Panicoideae, Paniceae). Esta tesis fue presentada por el Biól. Giraldo Cañas en la Universidad Nacional de La Plata en octubre de 2003.

Calificación: Sobresaliente (10).

Posición actual: Investigador del Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá, Colombia.

- Miembro del Comité de Evaluación del Lic. Victor Finot Saldías, Universidad de Concepción, Chile. Tema: "Revisión sistemática y filogenia del género *Trisetum* (Poaceae, Pooideae, Aveneae).

Defendida en la Universidad de Concepción el 19 de marzo de 2004.

Calificación: Sobresaliente (100).

Posición actual: Investigador de la Universidad de Concepción, Chile.

- Director de Tesis de Doctorado de la Lic. Silvia S. Denham, Universidad Nacional de La Plata.
Tema: "Revisión sistemática de *Paspalum* grupo Decumbentes (Poaceae, Panicoideae, Paniceae). Defendida en la Universidad Nacional de La Plata en mayo de 2004.

Calificación: Sobresaliente con mención para su publicación.

Posición actual del investigador: Investigador Adjunto de la CIC del CONICET.

- Codirector de Tesis de Doctorado de la Lic. Adriana Guglieri, Universidad Federal de Rio Grande do Sul, Brasil.

Tema: "Revisión sistemática de *Panicum* subgénero *Panicum* en Brasil (Poaceae, Panicoideae, Paniceae). Defendida en la Universidade Federal de Rio Grande do Sul, Porto Alegre, Brasil, marzo de 2005.

Calificación: A (Sobresaliente).

Posición actual del investigador: Investigadora de la Universidade Federal de Rio Grande do Sul, Brasil.

- Director de Tesis de Doctorado de la Lic. Renata Reinheimer, Universidad Nacional del Litoral, a partir de septiembre de 2003.

Tema: "Desarrollo y estructura de la inflorescencia de *Brachiaria* y *Urochloa* (Poaceae: Panicoideae: Paniceae) y sus implicancias sistemáticas. Defendida en la Universidad Nacional del Litoral, Santa Fe, marzo de 2007.

Calificación: Sobresaliente.

Posición actual del investigador: Investigador Adjunto de la CIC del CONICET.

- Director de Tesis de Doctorado de la Lic. Carolina Calviño a partir de agosto de 2002.

Tema: "Estudios filogenéticos y taxonómicos del género *Eryngium* L. (Apiaceae) Sect. *Paniculata* Wolff". Defendida en la Universidad de Buenos Aires, junio de 2007.

Calificación: Sobresaliente.

Posición actual de la becaria: Investigador Adjunto de la CIC del CONICET.

- Director de Tesis de Doctorado de la Lic. Paola Peralta, Universidad Nacional de La Plata, a partir de septiembre de 2005.

Defendida en la Universidad Nacional de La Plata, octubre de 2010

Calificación: Sobresaliente, con mención especial para su publicación.

Posición actual del investigador: Docente en la Universidad de la Patagonia, Choele Choel, Río Negro.

- Codirector de Tesis de Doctorado del Lic. Diego Salariato a partir de agosto de 2007.

Defendida en la Universidad de Buenos Aires, octubre de 2010.

Calificación: Sobresaliente.

Posición actual del investigador: Investigador Adjunto de la CIC del CONICET.

- Director de Tesis de Doctorado de la Lic. Viviana Hechem, Universidad Nacional de La Plata, a partir de diciembre de 2004
Defendida en la Universidad Nacional de La Plata, 2012-05-23
Calificación: Sobresaliente, con mención especial para su publicación.
Posición actual del investigador: Docente en la Universidad de la Patagonia, Esquel, Chubut.
- Codirector de Tesis de Doctorado de la Lic. A. Aguirre, Universidad Nacional de La Plata, a partir de 2007.
Defendida en la Universidad Nacional de La Plata, 27-11-2012.
Calificación: Sobresaliente, con mención especial para su publicación.
- Director de Tesis de Doctorado del Biólogo Manuel Belgrano, Universidad Nacional de La Plata, a partir de junio de 2002.
Tema: "Revisión sistemática de *Apodanthera* (Cucurbitaceae). Defendida en la Universidad Nacional de La Plata, Abril de 2013.
Calificación: Sobresaliente.
Posición actual del investigador: Profesional Principal de la CPA del CONICET.
- Director de Tesis de Doctorado del Lic. C. Larsen, Universidad Nacional de La Plata, a partir de 2009.
Tema: "Revisión sistemática del género *Hymenophyllum* (Hymenophyllaceae). Defendida en la Universidad Nacional de La Plata, 25 de junio de 2014.
Calificación: Sobresaliente.
Posición actual del investigador: Becario posdoctoral del CONICET.
- Director de Tesis de Doctorado de la Lic. Ana Carolina Godoy, Universidad Nacional de La Plata, a partir de octubre de 2010.
Defendida en la Universidad Nacional de La Plata, 6 de marzo de 2015.
Calificación: Sobresaliente.
Posición actual del investigador: Becario posdoctoral del CONICET.
- Director de Tesis de Doctorado de la Lic. Luciana Salomón, Universidad Nacional de La Plata, a partir de junio de 2011. Defendida en la Universidad Nacional de La Plata, 28 de marzo de 2016.
Calificación: Sobresaliente
Posición actual del investigador: Becario posdoctoral del CONICET.
- Codirector de Tesis de Doctorado de la Bióloga Carolina Delfini; Universidade Estadual de Campinas, Brasil. Defendida en noviembre de 2016.
Calificación: Sobresaliente
- Director de Tesis de Doctorado de la Lic. Adolfin Savoretti, Universidad Nacional de La Plata, a partir de 2015. Defendida en la Universidad Nacional de La Plata, marzo de 2019. Calificación: Sobresaliente.

3. DIRECCIÓN DE INVESTIGADORES

- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Mirta Arriaga, Investigador Adjunto, Museo de Ciencias Naturales Bernardino Rivadavia, a partir de noviembre de 1991 hasta 1998.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Ana M. Cialdella, Investigador Adjunto, Instituto de Botánica Darwinion, 1992 a 1999.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas del Dr. Osvaldo Morrone, Investigador Adjunto, Instituto de Botánica Darwinion, a partir de marzo de 1993 hasta 1998.
- Codirector de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas del Dr. Raúl Pozner, Investigador Asistente, Instituto de Botánica Darwinion, a partir de febrero de 1995 hasta 2002.
- Codirector de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas del Dr. Alejandro Zucol, Investigador Asistente, a partir del año 1997 hasta el año 2003.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas del Dr. A.A. Sáenz, Investigador Adjunto, 1999 a 2000.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Liliana Giussani, Investigador Asistente, a partir del año 2001 hasta 2007.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Sandra Aliscioni, Investigador Asistente, a partir del año 2004 hasta 2009.

- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Silvia Denham, Investigador Asistente, 2005-2011.
- Codirector de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Carolina Calviño, Investigador Asistente, 2008-2011.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Renata Reinheimer, Investigador Asistente, a partir de 2010.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Amalia Scataglini, 2011-2014.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas del Dr. Diego Salariato, a partir de 2012 hasta diciembre de 2015.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas del Dr. Juan Acosta, a partir del año 2015.
- Director de CIC del Consejo Nacional de Investigaciones Científicas y Técnicas de la Dra. Mabel Lizarazu, a partir del año 2015.

4. DIRECCION PERSONAL APOYO A LA INVESTIGACION

- Sra. Delia E. Garrone Presedo, Técnico Principal, lugar de trabajo: División Anatomía Vegetal, Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", 1992 a 1999.
- Sra. María Dolores Montero, Técnico Asociado, lugar de trabajo: División Anatomía Vegetal, Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", 1992 a 1999.
- Actualmente se dirige la actividad de 20 técnicos de la Carrera del Personal de Apoyo del Consejo Nacional de Investigaciones Científicas y Técnicas en el Instituto de Botánica Darwinion.

ACTUACIÓN EN ORGANISMOS DE PLANEAMIENTO, PROMOCIÓN O EJECUCIÓN CIENTÍFICA Y/O ACADÉMICA

- Miembro de la Comisión Asesora de Ciencias Biológicas del Consejo Nacional de Investigaciones Científicas y Técnicas, agosto de 1991 a diciembre de 1994.
- Miembro de la Comisión Asesora de Ciencias Biológicas y de la Salud del Consejo Nacional de Investigaciones Científicas y Técnicas, enero de 1999-marzo de 2001.
- Miembro del Comité Científico, Red Latinoamericana de Botánica, 1996-2004.
- Miembro de la Comisión Asesora de Ciencias Biológicas, Consejo Nacional de Investigaciones Científicas y Técnicas, 2002; a partir de marzo de 2003 como Vicepresidente de la Comisión.
- Miembro de la Comisión Ad-Hoc de Biología, Agencia Nacional de Promoción Científica y Tecnológica, octubre de 2003.
- Evaluador en CONEAU (Postgrados), Setiembre de 2006.
- Miembro del Comité Ejecutivo del plan PROFLORA, 1991-2002.
- Miembro, Commission of the Organization for Flora Neotropica, New York, 1990 a la fecha.
- Miembro del General Committee, International Association of Plant Taxonomy, Austria, 2000, continúa.
- Miembro del Comité Científico de la Fundación Vida Silvestre, a partir del año 2001, continúa.
- Miembro del Comité Ejecutivo de la Myndel Botanical Foundation, 2001, continúa.
- Miembro del Comité Nacional de Diversitas, enero de 2005.
- Miembro de la Junta de Calificación y Promoción, CONICET, marzo de 2005 a diciembre de 2007.
- Miembro de la Comisión Ad-Hoc de Recursos, CONICET, 2009-2010.
- Presidente de la Comisión Asesora de Gran Área del Conocimiento de Ciencias Biológicas y de la Salud, CONICET, 2011.
- Miembro de la Junta de Calificación y Promoción, CONICET, marzo de 2010-diciembre de 2012.
- Miembro de la Comisión de evaluación de Promoción a Investigadores Superiores, CONICET, 2015 a 2017.
- Miembro de la Comisión de evaluación del Premio L'Oréal, en CONICET, 2015.
- Miembro permanente, Committee of the International Association of Plant Taxonomy Research Grants, 2013 a la fecha, continúa.
- Miembro de la Comisión del Gran Área de Ciencias Biológicas y de la Salud, 2017, continúa.

LABOR DOCENTE: CURSOS PARA GRADUADOS E INVESTIGADORES

- Colaboración en el curso de post-grado de Agrostología dictado por la Dra. Amelia Torres, en la Facultad de Ciencias Naturales y Museo de la Universidad Nacional de La Plata, con el dictado de clases teóricas y prácticas de la subfamilia Panicoideae, noviembre de 1985.
- Colaboración en el curso de post-grado de Agrostología, coordinado científicamente por la Dra. Amelia Torres, en la Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Buenos Aires, con el dictado de clases teóricas y prácticas de las tribus Olyreae y Paniceae, noviembre de 1986.

- Dictado junto con la Prof. Zulma Rúgolo de Agrasar del Curso de post-grado de Agrostología realizado en el Instituto de Ciencias Naturales, Universidad Nacional, Bogotá, Colombia, entre los días 5 y 22 de julio de 1990, con un total de 120 horas de clases teóricas y prácticas.
- Dictado junto con la Prof. Zulma Rúgolo de Agrasar del Curso de post-grado de Agrostología realizado en el Instituto de Ecología, Universidad Nacional de La Paz, Bolivia, entre los días 25 de noviembre y 8 de diciembre de 1991, bajo el auspicio de la Red Latinoamericana de Botánica y el Missouri Botanical Garden, con un total de 152 horas de clases teóricas y prácticas.
- Dictado del Curso de postgrado de Agrostología, taxonomía y nomenclatura, en la Fundación Instituto Botánico de Venezuela, entre los días 12 y 30 de Julio de 1993, con un total de 60 horas de teóricos y prácticos, bajo el auspicio del Instituto Botánico de Venezuela y la Fundación Anala y Planchart.
- Dictado junto con la Dra. Ana M. Anton y la Dra. Marta Astegiano, del Curso de post-grado de Agrostología realizado en la Facultad de Agronomía, Universidad Nacional de Córdoba, Argentina, entre los días 2 y 7 de diciembre de 1993.
- Dictado de un curso de postgrado de Fitogeografía en la Facultad de Agronomía y Veterinaria, Universidad Nacional del Litoral, entre el 31 de marzo y el 5 de abril de 1997.

SUBSIDIOS PARA TAREAS DE INVESTIGACION

Se han recibido más de 50 subsidios de Agencias nacionales (CONICET, ANPCyT, Universidad de La Plata, Fundación Antorchas y Proyungas) y del extranjero (Smithsonian Institution, National Geographic Society, Andrew W. Mellon Foundation, NSF/CONICET, World Wildlife Fund, Myndel Botanica Foundation, IABIN, Missouri Botanical Garden).

BECAS OBTENIDAS

- **Beca de perfeccionamiento** del Consejo Nacional de Investigaciones Científicas y Técnicas .
Institución: Instituto de Botánica Darwinion.
Periodo: Abril de 1977 a octubre de 1979.
- **Beca externa** de iniciación del Consejo Nacional de Investigaciones Científicas y Técnicas de la República Argentina.
Institución: National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A.
Periodo: Febrero de 1982 a diciembre de 1983.

TRABAJOS DE INVESTIGACIÓN PUBLICADOS

Se registran un total de 212 trabajos publicados o en prensa, y 14 libros publicados. 110 trabajos, a partir de 1996, en Scopus.

1. Zuloaga, F.O. 1974. El género *Paspalum* (Gramineae) en la provincia de Jujuy. **Bol. Soc. Argent. Bot.** 16: 53-65.
2. Zuloaga, F.O. 1975. El género *Panicum* (Gramineae) en la provincia de Jujuy. **Bol. Soc. Argent. Bot.** 16: 420-425.
3. Zuloaga, F.O. 1976. Una nueva especie de *Panicum* L. (Gramineae). **Bol. Soc. Argent. Bot.** 17: 179-182.
4. Zuloaga, F.O. 1978. Novedades en el género *Panicum* L. (Gramineae). **Hickenia** 1 (27): 148-151.
5. Zuloaga, F.O. 1978. Una nueva sección del género *Panicum* L. (Gramineae). **Hickenia** 1 (29): 156-159.
6. Zuloaga, F.O. 1979. El género *Panicum* (Gramineae) en la República Argentina. I. **Darwiniana** 22: 3-44.
7. Zuloaga, F.O. 1981. Las especies argentinas del género *Ichnanthus* (Gramineae). **Darwiniana** 23: 189-221.
8. Zuloaga, F.O. El género *Panicum* (Gramineae) en la República Argentina. II. **Darwiniana** 23: 233-256. 1981.
9. Zuloaga, F.O. 1981. Sobre la presencia del género *Rottboellia* (Gramineae, Andropogoneae) en la República Argentina. **Darwiniana** 23: 315.
10. Zuloaga, F.O. 1981. Notas sinonímicas en el género *Panicum* (Gramineae). **Darwiniana** 23: 639-649.
11. Zuloaga, F.O. 1983. *Oleaceae*, en Cabrera, A.L., Flora de la provincia de Jujuy. **Colecc. Cient. INTA** 12 (8): 36-39.
12. Renvoize, S.A. & F.O. Zuloaga. 1984. The genus *Panicum* group *Lorea* (Gramineae). **Kew Bulletin** 39: 185-202.
13. Soderstrom, T.R. & F.O. Zuloaga. 1985. New species in grasses in *Arberella*, *Cryptochloa* and *Raddia* (Poaceae: Bambusoideae, Olyreae). **Brittonia** 37: 22-35.
14. Soderstrom, T.R. & F.O. Zuloaga. 1985. *Diandrolyra tataniae* (Poaceae: Olyreae), a new herbaceous bamboo from Brazil. **Brittonia** 37: 1-5.
15. Zuloaga, F.O. 1985. El género *Panicum* L. Sección *Parviglumia*. **Darwiniana** 26: 353-369.
16. Zuloaga, F.O. & T.R. Soderstrom. 1985. Classification of the outlying species of New World *Panicum* (Poaceae: Paniceae). **Smithsonian Contributions to Botany** 59: 63 pp.
17. Soderstrom, T.R. & F.O. Zuloaga. 1986. *Olyra holttumiana*, a new species from Panamá (Gramineae: Bambusoideae). **Kew Bulletin** 41: 721-724.

18. Zuloaga, F.O, Sáenz, A.A. & O. Morrone. 1986. El género *Panicum* sección *Cordovensia*. **Darwiniana** 27: 403-429.
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20. Zuloaga, F.O. 1987. Systematics of the New World species of *Panicum* (Poaceae: Paniceae). En Soderstrom, T. R. et al., editores, **Grass Systematics and Evolution**: 287-306. Washington, D. C.: Smithsonian Institution Press.
21. Zuloaga, F.O. & T. Sendulsky. 1988. A revision of *Panicum* Subg. *Phanopyrum* Sect. *Stolonifera* (Poaceae: Paniceae). Estados Unidos. **Ann. Missouri Bot. Gard.** 75: 420-455.
22. Zuloaga, F.O., O. Morrone & A. A. Sáenz. 1988. Estudio exomorfológico e histofoliar de las especies americanas del género *Acroceras* (Poaceae: Paniceae). **Darwiniana** 28: 191-217.
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60. Salariato Diego L., Giussani, Liliana M., Zuloaga, Fernando O., Morrone O. 2009. Filogenia nuclear del grupo PCK (Paniceae: Panicoideae: Poaceae). TIPO: Exposición Oral. XXXII Jornadas Argentinas de Botánica. Huerta Grande, Córdoba, 5-8 Octubre. 2009. Resumen, Bol. Soc. Argent. Bot. 44. ISSN 0373-580X.
61. Biganzoli, F. & F.O. Zuloaga. Estado de conservación de las gramíneas endémicas de Argentina, Chile, Uruguay, Paraguay y sur de Brasil. X Congreso Latinoamericano de Botánica, La Serena, Chile, Octubre de 2010.
62. Aagesen, L., Biganzoli, F., Panizza, A., Nomdedeu, S., López, R. P. & F. O. Zuloaga. Áreas de endemismo en el noroeste de la Argentina y sur de Bolivia. X Congreso Latinoamericano de Botánica, La Serena, Chile, Octubre de 2010.
63. Cialdella, A. M., Romaschenko, K., Sede, S., Peterson, P. M., Soreng, R., Zuloaga, F. O. & O. Morrone. Análisis filogenético de *Nassella* y géneros afines (Poaceae, Pooideae, Stipeae) basados en marcadores nucleares y del cloroplasto. X Congreso Latinoamericano de Botánica, La Serena, Chile, Octubre de 2010.
64. GPWG II. Australia. 2011.
65. Honfi, A., Morrone, O. & F.O. Zuloaga. Comportamiento meiotico y frecuencia de quiasmas de algunas Paniceae (Poaceae, Panicoideae). Congreso de la Sociedad Argentina de Genética, setiembre de 2011.
66. Zuloaga, F.O., Scataglini, A. & O. Morrone. Laxa. Jornadas de la SAB.
67. Zuloaga, F. O. & M. A. Scataglini. Filogenia molecular de la sección Clavelligera de *Panicum* s.l. (Paniceae). XXXIV Jornadas Argentina de Botánica La Plata, Argentina. Sept. 2013. Boletín de la SAB Vol 48. Suplemento Pag. 277. ISSN 0373-580X.
68. Acosta, J., M. A. Scataglini, R. Reinheimer & F. O. Zuloaga. Análisis filogenético de la subtribu Otachyriinae (Poaceae, Panicoideae, Paspaleae). XXXIV Jornadas Argentina de Botánica La Plata, Argentina. Sept. 2013. Boletín de la SAB Vol 48. Suplemento Pag. 254. ISSN 0373-580X.
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70. Zuloaga, F.O. World Flora Online y la Flora del Cono Sur. Conferencista en el Simposio World Flora Online, XI Congreso Latinoamericano de Botánica, Salvador, Brasil, 19-24 Octubre de 2014.
71. Delfini, C., Zuloaga, F. O. & Souza, V. C. Estudio taxonómico de las especies del género *Axonopus* P. Beauv. (Poaceae, Panicoideae, Paspaleae) en Brasil. XXXV Jornadas Argentinas de Botánica, Salta, 23-26 Setiembre de 2015.
72. Lizarazu M. A., Scataglini M. A., Nicola M. V. & Zuloaga, F. O. 2015. *Kellochloa* un nuevo género basado en la sección Verrucosa de *Panicum* s.l. XXXV Jornadas Argentinas de Botánica. Bol. Soc. Argent. Bot. 50 (Supl.): ISSN 0373 - 580X
73. Zuloaga, F. O., Salariato, D. & A. M. Scataglini. Filogenia molecular de *Panicum* s. str. (Poaceae, Panicoideae, Paniceae) y aportes de su biogeografía y evolución. XXXVI Jornadas Argentinas de Botánica y XXVIII Reunión Anual de la Sociedad de Botánica de Chile, Mendoza, Setiembre de 2017. Bol. Soc. Argent. Bot. 52(Suppl.): 396. 2017.
74. Arana, M., Ponce, M. M., Zuloaga, F. O. & M. Belgrano. Flora Vasculare de la República Argentina. Volumen 2. Licófitas. Helechos. Gimnospermas. XXXVI Jornadas Argentinas de Botánica y XXVIII Reunión Anual de la Sociedad de Botánica de Chile, Mendoza, Setiembre de 2017. Bol. Soc. Argent. Bot. 52(Suppl.): 62. 2017.

75. Aagesen, L., Biganzoli, F. & F. O. Zuloaga. Áreas de endemismo en la estepa patagónica. XXXVI Jornadas Argentinas de Botánica y XXVIII Reunión Anual de la Sociedad de Botánica de Chile, Mendoza, Setiembre de 2017. Bol. Soc. Argent. Bot. 52(Suppl.): 385. 2017.
76. Ulloa Ulloa et al. 2018. Congreso Latinoamericano de Botánica, Quito, Ecuador, Octubre de 2018.

CONFERENCIAS Y SEMINARIOS DICTADOS

- Flora sinóptica de Fanerógamas de la Argentina. Conferencia en las XXIII Jornadas Argentinas de Botánica, San Carlos de Bariloche, 14-18 de octubre de 1991.
- "Sistemática de las especies americanas de *Panicum* (Poaceae: Paniceae): Un estudio integrado de la clasificación del género." Dictada en la Fundación Instituto Botánico de Venezuela, 28 de Julio de 1993.
- "Estado actual del conocimiento de la Flora de América del Sur: Catálogos y Floras Nacionales." Dictada en la Fundación Instituto Botánico de Venezuela, 29 de Julio de 1993."
- "A cladistic analysis of the Paniceae". F.O. Zuloaga, O. Morrone y L. Giussani. Dictada en el Third International Symposium on Grass Systematics and Evolution, Sydney, Australia, del 27 de septiembre al 2 de octubre de 1998.
- "Plant Endemism in Argentina". F.O. Zuloaga & O. Morrone, XVI International Botanical Congress, St. Louis, USA, del 1 al 7 de agosto de 1999.
- "Sistemática de la tribu Paniceae (Poaceae), evolución de los estudios en el género *Panicum* mediante el uso de diversas fuentes de información". Instituto de Biología, UNAM, México, septiembre de 2001.
- "Diversidad de plantas vasculares de la Argentina. Checklist de las plantas del Cono Sur". Instituto de Biología, UNAM, México, septiembre de 2001.
- "Flora fanerogámica Argentina: situación actual y perspectivas". I Congreso Latinoamericano de Fitoquímica, Buenos Aires, Mayo de 2002.
- "El Instituto de Botánica Darwinion: nexos y colaboración con el Missouri Botanical Garden". Reunión del Board of Trustees, Missouri Botanical Garden, Agosto de 2003.
- Zuloaga, F.O. & G. Bernardello. "El caso de la Flora del Cono Sur Americano: valoración, áreas críticas y estrategias de conservación. Simposio "Biodiversidad: perspectivas y desafíos en Latinoamérica". XXIX Jornadas Argentinas de Botánica y XV Reunión Anual de la Sociedad Botánica de Chile, San Luis, Argentina, Octubre de 2003. Bol. Soc. Argent. Bot. 38 (Suppl.): 15. 2003.
- "Estudios en Sistemática Vegetal". Academia Nacional de Ciencias, Córdoba, Mayo de 2003.
- "Sistemática de la subfamilia Panicoideae (Poaceae), análisis filogenéticos basados en datos moleculares y morfológicos", Universidad de Concepción, Chile, marzo de 2004.
- "Floristic studies in the Southern Cone ", XI Congreso Latinoamericano de Botánica, Bahia, Brasil, Octubre 2014.
- "La Botánica en la Argentina: de donde venimos, donde estamos y hacia donde vamos. Conferencia Magistral, XXXV Jornadas Argentinas de Botánica, Salta, 23-26 Setiembre de 2015.

PARTICIPACION EN SIMPOSIOS Y MESAS REDONDAS

- Coordinador del Simposio "Avances en Gramíneas", VI Congreso Latinoamericano de Botánica, Mar del Plata, Argentina, 5 de octubre de 1994.
- Coordinador de la Reunión Satélite sobre Floras Latinoamericanas, VI Congreso Latinoamericano de Botánica, Mar del Plata, Argentina, 6 de octubre de 1994.
- Participante de la Reunión Satélite sobre Flora Argentina, VI Congreso Latinoamericano de Botánica, Mar del Plata, Argentina, 6 de octubre de 1994.
- Integrante de la Mesa Redonda sobre Nomenclatura, desarrollando el tema: "Registro de nombres, nombres de uso corriente y principio de prioridad", realizada en el VII Congreso Latinoamericano de Botánica, México, octubre de 1998.
- Integrante de la Mesa Redonda de Editores de Revistas Científicas, XXVI Jornadas Argentinas de Botánica, Río Cuarto, noviembre de 1998.
- Ponente en el "Primer Seminario de Edición Científica", realizado los días 26 y 27 de julio de 1999 en el Centro Argentino de Información Científica y Tecnológica (CAICYT), Buenos Aires.
- Participante de la Mesa Redonda sobre "Estado actual del conocimiento de las Floras de Argentina y Chile". XII Reunión Anual de la Sociedad Botánica de Chile y XXVII Jornadas Argentinas de Botánica, Concepción, Chile, 5 al 8 de enero de 2000.
- Participante del Taller de Selección de especies prioritarias para la conservación, The Nature Conservancy, Asunción, Paraguay, 2 al 5 de agosto de 2004.
- Simposio Metas da convenção da biodiversidade para 2010: construindo a lista de espécies do Brasil. 60 Congreso Nacional de Botánica, Feira de Santana, Bahia, Brasil, julio de 2009.
- Simposio Internacional de Poaceae: atualidades sobre sistemática, filogenia, morfología, diversidade e usos da família. 60 Congreso Nacional de Botánica, Feira de Santana, Bahia, Brasil, julio de 2009.

- Coordinador del Simposio "Estudios morfológicos, taxonómicos y filogenéticos en Poaceae. Expositor del trabajo, en coautoría con F. Biganzoli, "Análisis de diversidad de la familia Poaceae en la región austral de América del Sur". XXXV Jornadas Argentinas de Botánica, Salta, 23-26 Setiembre de 2015.

CONVENIOS REALIZADOS

- Durante los meses de noviembre y diciembre de 1988 fui invitado, en carácter de consultor extranjero, para trabajar en la Empresa Brasileira de Pesquisas Agropecuarias (EMBRAPA), Centro Nacional de Recursos Genéticos (CENARGEN), en Brasilia, Brasil, lugar en el que se desarrollaron investigaciones en colaboración con el Dr. Jose F.M. Valls, investigador de la institución mencionada anteriormente. Durante dicho viaje se visitó también el Instituto de Botánica de Sao Paulo (SP).
- Convenio con la Fundación Anala y Armando Planchart para realizar diversas actividades en la Fundación Instituto Botánico de Venezuela en el mes de julio de 1993, entre las que se incluyeron el dictado de un curso de postgrado, conferencias magistrales, trabajos de investigación en el herbario de dicha institución y viajes de campo.
- Convenio con el Ministerio de Ecología de la provincia de Misiones, 1996, para realizar estudios en Parques Provinciales de dicha provincia.

ACTIVIDADES EDITORIALES

- Miembro del Comité Editorial de Darwiniana, desde 1986 hasta 1997.
- Miembro del Comité Editorial del Boletín de la Sociedad Argentina de Botánica, 1995 hasta la fecha.
- Miembro del Consejo Editorial de la revista Iheringia, Rio Grande do Sul, Brasil, desde febrero de 1990 hasta la fecha.
- Miembro del Consejo Asesor de los Anales del Jardín Botánico de Madrid, 2003 a la fecha.
- Miembro del Comité Editorial de Bonplandia, 2004 a la fecha.
- Associate Editor de Systematic Botany, 2008 a 2012.

MIEMBRO DE JURADO DE TESIS DOCTORALES

En total se actuó como Jurado en 20 Tesis Doctorales.

PARTICIPACION EN JURADO DE CONCURSOS

En un total de 20 concursos.

VIAJES DE PERFECCIONAMIENTO EFECTUADOS

Se realizaron numerosas visitas a Instituciones Nacionales y Extranjeras de Chile, Brasil, Colombia, Venezuela, México, Estados Unidos, Inglaterra, España, Bélgica, Holanda, Italia, Rusia, Francia, Suiza, Austria, Alemania y Paraguay.

VIAJES DE HERBORIZACION REALIZADOS

Se han realizado aproximadamente 60 expediciones científicas a diversas provincias de la Argentina y asimismo efectuado colecciones botánicas en Bolivia, Brasil, Chile, Colombia, Costa Rica, Cuba, México, Panamá, Paraguay, Uruguay y Venezuela.

ACTUACION EN SOCIEDADES CIENTIFICAS

- Miembro de la Sociedad Argentina de Botánica. Vicepresidente de la Sociedad en el periodo 1991/1992. Presidente en el periodo 1992/1994.
- Miembro de la American Society of Plant Taxonomists.
- Miembro de la International Association of Plant Taxonomists.
- Miembro de la Botanical Society of America.

March 14, 2019

Botanical Society of America Council

Dear Council members,

I am pleased to nominate Dr. Lucia Lohmann for Corresponding Membership in the BSA.

Lucia has risen to become one of the leading botanists in Brazil and all of South America. In addition to her outstanding contributions to systematics, she has assumed a leadership role on many projects within Brazil and internationally in professional societies and working groups that set the priorities for the future of our discipline. Her appointment at the University of Sao Paulo, the leading academic institution in Brazil, enhances her impact on Brazilian Botany. In recent years, I suspect she has been the most in-demand speaker from South America for botanical and evolutionary biology conferences anywhere.

I know Lucia best for her taxonomic research. She and I both work on Bignoniaceae. Bignoniaceae are an important element of the Neotropical woody flora, and, in particular, the lianas, which have been the focus of much of her research. Lucia developed a love of the Amazonian flora as an undergrad, when she had the opportunity to spend time in the Amazon working on the Flora of the Ducke Reserve near Manaus. She was a quick study and became a central member of the team and a coauthor on the Flora da Reserva Ducke (1999), one of the first and best guides to Amazonian plants. That experience kicked off her career interest in Bignoniaceae and, on the heels of the death of Al Gentry, quickly became the leading authority on the family. The breadth of her work on Bignoniaceae is astonishing, from monographic and floristic treatments, to molecular phylogenetics, biogeography, conservation, developmental genetics of liana tendrils, the study of extrafloral nectaries, and more. The majority of her nearly 150 publications are on Bignoniaceae, but her expertise on lianas, Amazonia, biogeography, and biodiversity have led to collaborations with many scientists from around the world.

The breadth of Lucia's influence is perhaps best measured by the number of organizing committees and research networks on which she has served, many of which are international in scope. She has served as President of the Association for Tropical Biology and Conservation and now is Executive Director. She served for several years as the President of the International Relations Office at the University of Sao Paulo. She has served as Associate Editor for eight scientific journals (five currently), is a member of ten professional societies (including the BSA), organized 23 symposia or workshops, and delivered invited lectures in 17 countries. And with all of these responsibilities she has found time to curate an art exhibit based on works developed by artists who accompanied her on a botanical expedition to the Amazon in 2016!

The BSA is fortunate to have Lucia as a member; we will be honored to have her as a Corresponding Member.

Sincerely,



Richard Olmstead

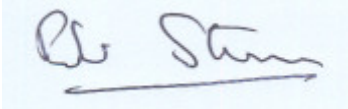


March 13, 2019

This letter is in strong support of Dick Olmstead's nomination of Lucia Lohmann as Corresponding Member of the Botanical Society of America. I was a Co-Adviser on her Ph D thesis when she was here at the University of Missouri St Louis, and I have tried to stay abreast of her activities since, but it is evident from her c.v. that this has been a largely impossible task...

I think Lucia will make an ideal Corresponding Member for a variety of reasons. Although much of her published work focusses on Bignoniaceae it is clear that she has been looking at the family, in particular the Bignonieae, in a variety of ways, everything from nomenclature and classical revisionary work to anatomy, biogeography, diversification, etc., which has led her on to think about the Amazonian flora as a whole; her work has been very broadly collaborative. She also has been/still is in leadership positions in a variety of organizations, for instance, she has just started a term as executive director for the Association for Tropical Biology and Conservation, and she is generally well connected (in the best sense) with botany and botanists. Her work on editorial boards and reviewing for quite a variety of journals also helps her keep in touch with developments in her chosen areas - indeed, the journals that she is currently most involved with are central to important developments in botanical systematics s.l.. And supervising as she has a number of students at all levels, teaching, supervising post docs, giving public interviews, etc., means that she is in touch with all levels of botany. Given the variety of activities in which Lucia is involved, it is hardly surprising that she seems to be very efficient, and she makes a good correspondent. Finally, it is not irrelevant to note

that Lucia presents herself very effectively. All in all, a remarkable person, and I think she will be admirable as Corresponding Member.

A handwritten signature in blue ink, appearing to read "P. F. Stevens", with a horizontal line underneath the text.

P. F. Stevens

Missouri Botanical Garden/Professor Emeritus, University of
Missouri St Louis



Nominating Committee
Botanical Society of America

14 March, 2019

Dear Nominating Committee,

I am pleased to support the nomination of Dr. Lúcia Lohmann as a Corresponding Member of the Botanical Society of America. Dr. Lohmann is an outstanding Brazilian plant scientist who is making vital contributions to advancing the science and understanding of botany and conservation around the world. During the past five years, as the Executive Director of the Association for Tropical Biology and Conservation, I have worked with Dr. Lohmann, who served as the President of ATBC from 2012-2014. Now, I am passing the baton to her as the new Executive Director, and I am extremely pleased to place this leadership role in her capable hands.

Dr. Lohmann is an Assistant Professor at the Institute of Biosciences of the University of São Paulo. For the past two years she has been a visiting scholar in the Department of Integrative Biology at the University of California, Berkeley. She is actively engaged in many professional activities, editorial boards, and service with international professional societies and scientific committees, such as the International Association of Botanical and Mycological Societies, the Latin American Botanical Network, the Botanical Society of America, the International Association of Plant Taxonomists, and the Association for Tropical Biology and Conservation. In addition to her extensive service, Dr. Lohmann is also a recognized contributor to research teams and networks inside and outside of Brazil. That she is an “activist” is an understatement; her commitment to fostering scientific understanding and applying this knowledge to conservation globally is truly inspiring.

But Dr. Lohman is perhaps best recognized internationally for her work as a scholar and world-class researcher on the biosystematics of the Bignoniaceae. She has a stellar publication record with over 140 peer-reviewed publications. She coordinates a large research project on Diversification, Biogeography, and Conservation of Neotropical Lianas, recently funded by the Brazilian National Science Agency CNPq and is concluding a major collaborative research project on the Structure and Evolution of the Amazonian Biota and its Environment, funded by FAPESP-NSF. She has a long record of successful research funding and coordination of multi-investigator and multi-disciplinary research projects. These activities have strengthened her role as a teacher and mentor, and reinforce the serious role she plays in promoting young scientists and particularly women scientists.

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In all ways, Dr. Lohmann embodies the qualities of a “distinguished senior scientist who have made outstanding contributions to plant science,” and make her eminently qualified to be honored and recognized as a Corresponding Member of the Botanical Society of America.

Thank you for considering Dr. Lohmann’s nomination for this honor.

Sincerely,

A handwritten signature in black ink that reads "Robin L. Chazdon". The signature is written in a cursive style with a prominent flourish at the end.

Dr. Robin L. Chazdon
Professor Emerita

CURRICULUM VITAE

LUCIA G. LOHMANN, Ph.D.

PROFESSIONAL ADDRESS: Universidade de São Paulo (USP), Instituto de Biociências, Departamento de Botânica, Rua do Matão, 277, 05508-090, São Paulo, SP, Brazil. Phone: +55-11-99911-7440. E-mail: llohmann@usp.br

POSITIONS

Assistant Professor, Universidade de São Paulo (USP), Instituto de Biociências, Departamento de Botânica. September/2004 – Present.

Visiting Scholar, University of California – Berkeley (UC-Berkeley), Department of Integrative Biology. August/2017 – June/2019.

Executive Director, Association for Tropical Biology and Conservation (ATBC). January/2019 – December/2023.

Adjunct Research Associate, Center for Conservation and Sustainable Development (CCSD), Missouri Botanical Garden (MOBOT), St. Louis, Missouri, USA. October/2004 – Present.

Adjunct Research Associate, The New York Botanical Garden (NYBG), New York, NY, USA. May/2008 – Present.

President, International Relations Office, Universidade de São Paulo, Instituto de Biociências. August/2010 – July/2016.

President, Association for Tropical Biology and Conservation (ATBC). January/2012 – December/2014.

Post-doctoral Fellow, Center for Conservation and Sustainable Development (CCSD), Missouri Botanical Garden: Applying geospatial tools for the analysis of evolutionary, ecological, and conservation questions in plant biology, September/2003 – August/2004.

EDUCATION

Workshop on Applied Phylogenetics, University of California-Davis (UC-Davis), Bodega Bay, CA, USA. May/2004.

Ph.D., Ecology, Evolution and Systematics, University of Missouri-St. Louis, Biology Department, MO, USA. Dissertation: Phylogeny, classification, morphological diversification and biogeography of Bignoniaceae (Bignoniaceae). Advisers: Drs. E.A. Kellogg & P.S. Stevens. Committee Members: Drs. B.A. Loiselle, P.H. Raven, P.M. Richardson & C.M. Taylor. August/1998 - July/2003.

M.S., Ecology, Evolution and Systematics, University of Missouri-St. Louis, Biology Department, MO, USA, August/1996 – July/1998.

Graduate Certificate in Tropical Biology and Conservation, University of Missouri-St. Louis, August/1996 – July/1998.

Tropical Biology: An Ecological Approach Course, Organization for Tropical Studies (OTS), Costa Rica, June – August/1997.

B.S., Biology, Universidade de São Paulo, Institute of Biosciences, SP, Brazil, January/1991 – December/1995.

Teaching Certificate in Biology, Universidade de São Paulo, Institute of Education, SP, Brazil, January/1991 – December/1995.

EDITORIAL BOARDS

Associate Editor of *Frontiers in Plant Sciences, Section Plant Systematics and Evolution*, USA, October/2018 – Present.

Associate Editor of *Molecular Phylogenetics and Evolution*, USA. January/2017 – Present.

Associate Editor of *Phytotaxa*, USA. August/2011 – Present.

Associate Editor of *Phytokeys*, USA. July/2011 – Present.

Associate Editor of *Annals of the Missouri Botanical Garden*, USA. March/2016 – February/2019.

Associate Editor of *Taxon*, Germany. January/2012 – December/2015.

Associate Editor of *Journal of Reproductive Biology*, India. September/2010 – August/2014.

Associate Editor of *Systematic Botany*, USA. January/2010 – December/2013.

LANGUAGES

Spoken and written fluency in English, Portuguese and Spanish. Good understanding of French.

SCIENTIFIC & STEERLING COMMITTEES [18]

Secretary, International Association of Botanical and Mycological Societies (IABMS), June/2017 – Present.

Scientific Committee, Program 'BIOgenesis/DIVERSITAS-Future Earth,' coordinated by M.J. Donoghue (USA) & T. Yahara (Japan), November/2006 – Present.

Steering Committee, Red Latinoamericana de Botánica (RLB), May/2013 – Present.

Scientific Committee, Harris World Ecology Center, University of Missouri-St. Louis (UMSL), December/2010 – Present.

Scientific Committee, Project "Checklist and Flora of Brazilian Plants," coordinated by Rafaela Forzza, October/2008 – Present.

Scientific Committee, Project "Flora of Paraguay," coordinated by Fred Stauffer & Lorenzo Ramella from the "Conservatoire et Jardin Botaniques de la Ville de Genève" and Missouri Botanical Garden, October/2007 – Present.

Scientific Committee, Organization for Flora Neotropica Commission, July/2003 – Present.

Councilor, International Association of Plant Taxonomists (IAPT), July/2011 – July/2017.

Scientific Committee, "II Anual Meeting of the ABECO (Associação Brasileira de Ciência Ecológica e Conservação), April/2017 – June/2018.

Scientific Committee, International Conference "Botanists of the Twenty-first century: Roles, Challenges, and Opportunities," organized by UNESCO, September/2013 – September/2014.

Steering Committee, Women in Science, organized by the US Department of State & CAPES/Brazil, January/2012 – December/2013.

Meeting Chair, 49th Annual Meeting of ATBC (ATBC2012), October/2010 – June/2012.

Graduate Student Research Award Committee, Botanical Society of America (BSA), April/2009 – April/2011.

Scientific Committee, Asia-Pacific Chapter, Association of Tropical Biology and Conservation (ATBC), June/2013 – May/2015.

Scientific Committee, Annual Meetings, Association of Tropical Biology and Conservation (ATBC)", July/2013 – June/2015.

Scientific Committee, Strategic Planning, Association of Tropical Biology and Conservation (ATBC), June/2013 – July/2015.

Search Committee Chair, Executive Director, Treasurer, Biotropica Editor, and Web Editor, Association of Tropical Biology and Conservation (ATBC), August/2012 – July/2013.

Councilor, Association of Tropical Biology and Conservation (ATBC), January/2008 – August/2010.

INTERNATIONAL EXPERIENCE (RESEARCH VISITS)

Singapore Botanic Gardens (SING, Singapura). Research visits: March/2015, and December/2015.

Missouri Botanical Garden (MOBOT, Saint Louis, MO, EUA). Research visits: April/1995, August/1996 – Julho/2004 (Ph.D. & Pos-doc), June/2005, February/2006, May/2006, July/2008, October/2012, and April/2013.

New York Botanical Garden (NYBG, NY, EUA). Research visits: April/1995, July/2004, May/2008, October/2012, and April/2017.

University of California-Berkeley (UC-Berkeley, CA, EUA). Research visit: May/2008, and August/2017 – July/2019.

Yale University (New Heaven, CT, EUA). Research visit: April/2007.

Field Museum (Herbarium F, Chicago, IL, EUA). Research visit: July/2001, March/2002, and August/2004.

Smithsonian Institution (Herbarium US, Washington DC., EUA). Research visit: April/1995.

Conservatoire et Jardin Botaniques de la Ville de Genève (Herbarium G, Genebra, Suíça). Research visit: July/2005.

Botanical Museum Berlin-Dahlem, Berlin (Herbarium B, Berlin, Alemanha). Research visit: July/2005.

München Botanical Garden (Herbarium M, Munich, Alemanha). Research visit: July/2005.

Naturhistorisches Museum Wien (Herbarium W, Vienna, Austria). Research visit: July/2005.

Royal Botanic Gardens of Kew (Herbarium K, Londres, UK). Research visits: August/1994, July/2005, and March/2014.

The Natural History Museum (Herbarium BM, Londres, Inglaterra). Research visits: August/1994, and July/2005.

Museum National d'Histoire Naturelle (Herbarium P, Paris, França). Research visits: July/1994, and July/2005.

Jardin Botanique National de Belgique (Herbarium B, Meise, Bélgica). Research visits: July/1994, and July/2005.

Museo Botánico de San Isidro (Herbarium SI, Buenos Aires, Argentina). Research visit: October/1994.

RESEARCH NETWORKS

INCT Research Group on “Ecology, Evolution and Biological Conservation” (EEC-Bio) coordinated by Dr. José Alexandre Felizola Diniz-Filho, Universidade Federal de Goiás (UFG), Goiânia, Brazil, February/2017 – Present.

CNPq Research Group on “Plant Systematics” coordinated by J.R. Pirani & R. Mello-Silva, USP (Universidade de São Paulo), São Paulo, Brazil, 2004 – Present.

“Analysis Unit”, coordinated by Olga Martha Montiel, CCSD (Center for Conservation and Sustainable Development), Saint Louis, Missouri, EUA. 2005 – 2014.

“Deep Time”, coordinated by Drs. Pam and Doug Soltis, funded by National Science Foundation (NSF), Miami, FL, EUA. 2003 – 2007.

“Lianas and Tropical Forest Dynamics: Synthesis of Pan-tropical Patterns from Regional Data Sets”, coordinated by Drs. Robyn Burnham & Stephan Schnitzer, funded by National Center for Ecological Analyses and Synthesis (NCEAS), Santa Barbara, CA, EUA. 2003 – 2008.

“Testing Alternative Methods for Modeling Species’ Ecological Niches and Predicting Geographic Distributions”, coordinated by Townsend Peterson & Craig Moritz, funded by National Center for Ecological Analyses and Synthesis (NCEAS), Santa Barbara, CA, EUA. 2002 – 2008.

PROFESSIONAL SOCIETIES

SBG, Sociedade Brasileira de Genética, Brazil, 2011 – Present.

CRBIO, COnselho Regional de Biologia, Brasil, 2008 – Present.

IAPT, International Association of Plant Taxonomists, USA, 2002 – Present.

ALB, Asociación Latinoamericana de Botánica, América Latina, 2002 – Present.

SSB, Society for Systematic Biology, USA, 2000 – Present.

ASPT, American Society of Plant Taxonomists, USA, 2000 – Present.

BSA, Botanical Society of America, USA, 1998 – Present.

OTS, Organization for Tropical Studies, USA, 1996 – Present.

ATBC, Association of Tropical Biologists and Conservation, USA, 1996 – Present.

SBB, Sociedade Brasileira de Botânica, Brazil, 1993 – Present.

SCIENTIFIC PUBLICATIONS [142 published + 13 in review]

IN REVIEW

Beyer, M., A. Nazareno & **L.G. Lohmann**. Development and characterization of nuclear microsatellite markers for the Neotropical liana *Stizophyllum riparium* (Bignoniaceae, Bignoniaceae). Plant Genetic Resources.

Costa, S.L., I.J.N. Brito, **L.G. Lohmann** & J.I.M. Melo. New records for tribe Bignoniaceae (Bignoniaceae) for Paraíba State, Northeastern Brazil. *Caldasia*.

Costa, S.L., **L.G. Lohmann** & M.T. Buril. The Flora of Pernambuco State, Brazil: *Tabebuia* alliance and tribe Jacaradeae (Bignoniaceae). *Flora Neotropica*.

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Gomes, B.M., L.H.M. Fonseca, **L.G. Lohmann** & C.E.B. Proença. *Adenocalymma albiflorum* (Bignoniaceae, Bignoniaceae), a new combination and notes on morphoplogy and distribution. *Brittonia*.

Kaehler, M., F.A. Michelangeli & **L.G. Lohmann**. Fine tuning the circumscription of *Fridericia* (Bignoniaceae, Bignoniaceae): Molecular phylogeny and supra specific systematics. *Taxon*.

Nazareno, A.G., C. Dick & **L.G. Lohmann**. A biogeographic barrier test reveals a Strong genetic structure for a canopy-emergent Amazonian tree species. *Nature Scientific Reports*.

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Paz, A., M. Reginato, F. Michelangeli, R. Goldenberg, M. K. Caddah, J. Aguirre-Santoro, **L.G. Lohmann**, M. Kaheler & A. Carnaval. Predicting patterns of plant diversity and endemism in the Brazilian Atlantic Forest using remote sensing data: A study case from the Brazilian Atlantic rainforest. In: *Uses of Remote Sensing data to Address Biodiversity questions*, J. Cavander-Bares et al. (eds.).

Thode, V.A. & **L.G. Lohmann**. Comparative chloroplast genomics at low taxonomic levels: A case study using *Amphilophium* (Bignoniaceae, Bignoniaceae). *Frontiers in Plant Sciences*.

Zuntini, A.R., C.M. Taylor & **L.G. Lohmann**. A monograph of *Bignonia* L. (Bignoniaceae, Bignoniaceae). *Annals of the Missouri Botanical Garden*.

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Pereira, A. Rapini, F.R.G. Salimena, A.V. Silva, S.J. Silva-Neto, M.E.G. Sobral, M.C. Souza, L.S. Sylvestre, M. Trovó, P.L. Viana & R.C. Forzza. 2019. Lista de espécies de plantas terrestres do Parque Nacional do Itatiaia. In: Catálogo de Plantas das Unidades de Conservação do Brasil. Jardim Botânico do Rio de Janeiro. Disponível em: <https://catalogo-ucs-brasil.jbrj.gov.br/>.

Lohmann, L.G. 2010 onwards. Bignoniaceae. In: "Lista de Espécies da Flora do Brasil", Jardim Botânico do Rio de Janeiro, RJ, Brazil. Link: <http://floradobrasil.jbrj.gov.br/>

Forzza, R.C., P.M. Leitman, A.F. Costa, A.A. Carvalho Jr., A.L. Peixoto, B.M.T. Walter, C. Bicudo, D. Zappi, D.P. Costa, E. Lleras, G. Martinelli, H.C. Lima, J. Prado, J.R. Stehmann, J.F. Baumgratz, J.R. Pirani, L. Sylvestre, L.C. Maia, **L.G. Lohmann**, L.P. Queiroz, M. Silveira, M.N. Coelho, M.C. Mamede, M.N.C. Bastos, M.P. Morim, M.R. Barbosa, M. Menezes, M. Hopkins, R. Secco, T.B. Cavalcanti, & V.C. Souza. 2010 onwards. Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro, RJ, Brazil. Link: <http://floradobrasil.jbrj.gov.br/>

Oliveira, A., C. Castanho, **L.G. Lohmann**, M. Paciência, A. Nogueira & M. Galvanese. 2009. Guide of the seed plants from Igapó (Amazonas, Brazil). Link: <http://ecologia.ib.usp.br/guiaigapo/projeto.html>

Lohmann, L.G. 2009. Bignoniaceae. In: "Guide of the seed plants from Igapó (Amazonas, Brazil)", A. Oliveira, C. Castanho, **L.G. Lohmann**, M. Paciência, A. Nogueira e M. Galvanese, Universidade de São Paulo, SP, Brazil. Link: <http://ecologia.ib.usp.br/guiaigapo/projeto.html>

Lohmann, L.G. 2008. Bignoniaceae. In: "Jepson Flora Project", M. Wetherwax (ed.), University of California, Berkeley, USA. Link: http://ucjeps.berkeley.edu/eflora/eflora_display.php?tid=66

Lohmann, L.G. & C.U. Ulloa. 2006 onwards. Bignoniaceae. In: "Checklist of the World", MOBOT/NYBG/Kew Gardens. iPlants prototype Checklist. Link: <http://www.iplants.org/>.

Lohmann, L.G. 2006. Bignoniaceae. Checklist das Plantas do Nordeste Brasileiro: Angiospermas e Gymnospermas. Centro Nordestino de Informações sobre Plantas (CNIP), C.F.L. Gamarra Rojas, A.C. de Mesquita, C. Sothers, S.J. Mayo, M.R.V. Barbosa & E. Dalcin (eds.), Recife, Brazil. Link: <http://www.cnip.org.br/bdpr/>

INVITED TALKS [100]

2018

Lohmann, L.G. 2018. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented at the Seminar Series of the California Academy of Sciences, San Francisco, USA.

Lohmann, L.G. 2018. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented at the Seminar Series of the Rancho Santa Ana Botanical Garden, Claremont, USA.

Lohmann, L.G. & M. Carlsen. 2018. Recent advances in integrative biology and genomics: Implications for the study of the origin and evolution of Neotropical Plants. Plenary address presented at the Latin American Botanical Congress, Quito, Ecuador.

Lohmann, L.G. 2018. Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). Talk presented within the symposium "World Flora Online" co-organized by W. Uriarte (Missouri Botanical Garden) and Rafaela Forzza (Rio de Janeiro Botanical Garden), Quito, Ecuador.

Lohmann, L.G. 2018. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented at the Seminar Series of the University of California, Davis, USA.

Lohmann, L.G. 2018. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented as the invited guest of the "Melinda Denton endowed lecture series," University of Washington, Seattle, USA.

Lohmann, L.G. 2018. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented at the Seminar Series of the Harvard University Herbaria, Harvard University, Cambridge, USA.

Lohmann, L.G. 2018. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented at the Seminar Series of the "Department of Natural History" University of Florida, Gainesville, Florida, USA.

- Lohmann, L.G.** 2018. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented at the Center for Biodiversity and Global Change, Yale University, New Haven, USA.
- 2017**
- Lohmann, L.G.** 2017. The origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Série de Seminários “Botany Lunch,” Jepson Herbarium, University of California-Berkeley (UC-Berkeley), Berkeley, California, EUA.
- Lohmann, L.G.** 2017. Challenges in plant systematics and ecology. Talk presented as part of the panel “The future beyond paradise: Frontiers in tropical ecology, conservaton, and society in the Anthropocene” organized by Drs. John Kress & Miguel Martínz-Ramos, during the Annual Meeting of the Association for Tropical Biologya and Conservation (ATBC2017), Merida, Yucatán, Mexico.
- Lohmann, L.G.** 2017. Assembly and evolution of the Amazonian biota and its environment: An integrative approach. Talk presented as part of the GoCas symposium “Biodiversity and macroevolution, with emphasis in the tropics,” held in conjunction between the University of Gottenburg & Chalmers University, Gottenburg, Sweeden.
- Lohmann, L.G.** 2017. Geogenomics: A new approach for the study of biotas. Talk presented at the “II Symposium of Biological Sciences,” Universidade Federal do Espirito Santo, São Mateus, ES, Brazil.
- 2016**
- Lohmann, L.G.** 2016. Assembly and evolution of the Amazonian biota and its environment: An integrative approach. Keynote lecture presented at the “2nd Graduate School Symposium,” Zoology Museum (MZUSP), Universidade de São Paulo, SP, Brazil.
- Lohmann, L.G.** & J.C. Cracraft. 2016. Assembly and evolution of the Amazonian biota and its environment: An integrative approach. Talk presented as part of the “FAPESP/BIOTA-Nature4life Biodievrsty Workshop,” held at the Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), São Paulo, Brazil.
- Lohmann, L.G.** 2016. Assembly and evolution of the Amazonian biota and its environment: An integrative approach. Talk presented at the “3rd Workshop on Evolution and Biodiversity,” Universidade Federal do ABC, São Bernardo do Campo, SP, Brazil.
- Lohmann, L.G.** & J.C. Cracraft. 2016. Assembly and evolution of the Amazonian biota and its environment: An integrative approach. Talk presented at the Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), São Paulo, Brazil.
- Lohmann, L.G.** 2016. Tempo and mode of biotic exchanges between Amazonia and the Atlatic Forest: Evidence from multiple plant clades. Talk presented within the symposium “The assembly and evolution of the Neotropical Biota: The role of biotic exchanges between Amazonia and the Atlantic Forest,” held during the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2016), Montpellier, France.
- Lohmann, L.G.** 2016. Evolution and biogeography of neotropical lianas (Bignonieae, Bignoniaceae): An integrative approach. Talk presented within the symposium “Molecular Ecology,” Institute of Biosciences, Universidade de São Paulo, SP, Brazil.
- Lohmann, L.G.** 2016. The origin of intercontinental disjunctions in the Southern Hemisphere: Insights from the plant family Bignoniaceae. Talk presented within the symposium “From Gondwana into the Tropics,” held during the VIII Southern Connections Congress, Punta Arenas, Chile.
- Lohmann, L.G.** 2016. Evolution and biogeography of the Bignoniaceae: Insights into the origin of intercontinental disjunctions. Leynote talk presented with the “5th Annual Meeting of the Neotropical Network for Biogeography” (NNB5), Santiago, Chile.
- 2015**
- Lohmann, L.G.** 2015. An integrated approach towards understanding the origin and evolution of the Neotropical Biota: Insights from the Bignoniaceae. Talk presented as part of the symposium “XXI Century phylogenies: Using new tools to answer old questions,” held during the 66th Brazilian Botanical Congress, Santos, SP, Brazil.
- Lohmann, L.G.** 2015. Molecular systematics, evolution and diversification of tribe Bignonieae (Bignoniaceae). Talk presented within the symposium “Molecular phylogeny, systematics, and plant diversity,” held during the 61st Brazilian Genetics Congress, Águas de Lindóia, São Paulo, Brazil.

Lohmann, L.G. 2015. Untangling diversity patterns in Neotropical lianas (Bignoniaceae, Bignoniaceae): An integrative approach." Talk presented as part of the symposium "Breaking barriers: Empirical, theoretical and gender issues in phylogenetics," held during the "Evolution 2015 Meeting," Guarujá, São Paulo, Brazil.

Lohmann, L.G. 2015. Origin and evolution of the Neotropical biota: Examples from the Bignoniaceae. Talk presented as part of the IX Biology Week," Universidade Federal de São Carlos, campus Sorocaba (UFSCar-Sorocaba), Sorocaba, SP, Brazil.

Lohmann, L.G. 2015. Systematics, evolution and biogeography of the Bignoniaceae: An integrative approach. Talk presented as part of the symposium "Botanical Science," Universidade de São Paulo, SP, Brazil.

Lohmann, L.G. 2015. The origin and evolution of the Neotropical biota: Insights from the Bignoniaceae. Warren Herb Wagner: Guest lecture in plant evolution, University of Michigan, Ann Arbor, EUA.

Lohmann, L.G. 2015. An integrated approach to understanding the assembly and evolution of biotas: A case study from the Amazon. Talk presented during the IX Annual Meeting of the Association for Tropical Biology and Conservation (ATBC), Asia-Pacific Chapter, Phnom Penh, Cambodia.

2014

Lohmann, L.G. 2014. Using lianas to untangle the history of Tropical ecosystems. Talk presented within the symposium "The origin and future of Tropical biodiversity: An evolutionary perspective," held during the "LI Annual Meeting of the Association for Tropical Biology and Conservation," Cairns, Austrália.

Lohmann, L.G. 2014. Evolution and biogeography of the Bignoniaceae: Insights into the origin of the Neotropical Flora. Talk presented during the "Evolution 2014 Meeting," Raleigh, Carolina do Norte, EUA.

Lohmann, L.G. 2014. The assembly and evolution of the Neotropical flora: An integrative approach. Talk presented as part of the symposium "Emerging trends in plant systematics and biogeography," held as part of the "XI Latin American Latin American Botanical Congress," Salvador, Bahia, Brazil.

Lohmann, L.G. 2014. Evolution and biogeography of the Bignoniaceae: Insights into the origin of the Neotropical Flora. Talk presented as part of the symposium "Evolution of South-American biomes during the Cenozoic," held as part of the "XI Latin American Botanical Congress," Salvador, Bahia, Brazil.

Lohmann, L.G. & J.L. Cracraft. 2014. The assembly of the Amazonian Biota. Talk presented as part of the symposium "The evolution of South American Biomes: An integrated approach," held during the 60th Brazilian Genetics Congress, Guarujá, São Paulo, Brazil.

Lohmann, L.G. 2014. Evolution and biogeography of neotropical lianas and its implications for the assembly of the Amazonian biota." Talk presented within the "New approaches for biological research seminar series," Department of Zoology, Universidade de São Paulo, São Paulo, Brazil.

Lohmann, L.G. 2014. Assembly and evolution of the Amazonian biota and its environment: An integrated approach. Talk presented during the "VIII Evaluation Meeting of the FAPESP-BIOTA Program," São Pedro, São Paulo, Brazil.

Lohmann, L.G. 2014. Evolution and biogeography of the Bignoniaceae: Insights into the origin of the Neotropical Flora. Talk presented at the 3rd Meeting of the Neotropical Network for Biogeography (NNB), Bogotá, Colombia.

2013

Lohmann, L.G. 2013. Evolution and biogeography of the Bignoniaceae: Insights into the origin of the Neotropical Flora. Talk presented at the seminar series of the Universidad Autónoma de México (UNAM), Mexico City, Mexico.

Lohmann, L.G. 2013. Comparative methods. Talk presented as part of the graduate course "Evolutionary Biology" organized by Dr. Susanna Magallón, Universidad Autónoma de México (UNAM), Mexico City, Mexico.

Lohmann, L.G. 2013. Mapping the past and future of tropical biology: ATBC as a catalysis for innovation. Presidential address during the "50th Anniversary Meeting of the Association for Tropical Biology and Conservation (ATBC) & Organization for Tropical Studies (OTS)," San José, Costa Rica.

Lohmann, L.G. 2013. Using lianas to untangle the history of Tropical ecosystems. Talk presented during the “International Congress of the Asian-Pacific Chapter,” Association for Tropical Biology and Conservation (ATBC), Banda Aceh, Indonesia.

Lohmann, L.G. 2013. Biogeography of Bignoniaceae (Bignoniaceae): Insights into the assembly of the Amazonian Biota. Talk presented within the Symposium “The assembly and evolution of the Amazonian biota and its environment,” FAPESP, São Paulo, Brazil.

Lohmann, L.G. 2013. Evolution and Biogeography of the Bignoniaceae: Insights into the origin of the Neotropical Flora. Talk presented within the symposium “Neotropical biodiversity: Plant evolution and biogeography,” held during the Brazilian National Congress of Genetics, Águas de Lindóia, SP, Brazil.

2012

Lohmann, L.G. 2012. Diversification and biogeography of neotropical lianas: An integrated approach. Talk presented during the EcoEncontros organized by graduate students of Departamento de Ecologia do Instituto de Biociências da Universidade de São Paulo (USP), São Paulo.

2011

Lohmann, L.G. 2011. Diversification and biogeography of neotropical lianas: An integrated approach. Talk presented at the Inaugural Ceremony of the “Graduate Program in Ecology and Evolution,” Universidade Federal de São Paulo (UNIFESP), Brazil.

Lohmann, L.G. 2011. A phylogenetic approach to understanding contemporary diversity patterns in Bignoniaceae (Bignoniaceae). Talk presented within the symposium “Phylogenetic analyses: Evolutionary rates, speciation and taxonomy in plants,” held during the Congresso Brasileiro de Genética, Águas de Lindóia, São Paulo, Brazil.

Lohmann, L.G. 2011. Phylogenetic Approaches to biodiversity studies: Examples from neotropical lianas. Talk presented during the “III Biology Week,” Universidade Federal ABC (UFABC), São Paulo, Brazil.

Lohmann, L.G. 2011. A phylogenetic approach to understanding contemporary diversity patterns in the Bignoniaceae (Bignoniaceae). Speed-talk presented during the workshop FAPESP-NSF, Universidade Federal da São Carlos, São Paulo, Brazil.

2010

Lohmann, L.G., S. Alcantara, A. Nogueira & F. Gomes-Silva. 2010. Evolution of animal-plant interactions in Bignoniaceae (Bignoniaceae). Talk presented as part of the symposium “Integrating evolution, ecology and biodiversity science,” held during the Annual Meeting of the Association for Tropical Biology and Conservation, Bali, Indonesia.

Lohmann, L.G. 2010. Disentangling one of Darwin’s greatest mysteries: The story of climbing plants. Talk presented during the Congresso SBSP, Universidade São Camilo, São Paulo, Brazil.

Lohmann, L.G. 2010. Phylogenetic approaches to biodiversity studies: Examples from neotropical lianas. Talk presented at the Universidade Federal Mato Grosso do Sul (UFMS), Campo Grande, Mato Grosso do Sul, Brazil.

Lohmann, L.G. 2010. Phylogenetic Approaches to biodiversity studies: Examples from neotropical lianas. Talk presented during the “II Symposium in Genetics and Evolution,” Universidade Federal do Rio de Janeiro, RJ, Brazil.

Lohmann, L.G. 2010. Bignoniaceae: Results and prospects for the future. Talk presented within the symposium “Checklist of Brazilian Plants: An accomplished mission?,” held during the Brazilian Botanical Congress, Manaus, Amazonas, Brazil.

Lohmann, L.G. 2010. Disentangling one of Darwin’s greatest mysteries: The story of climbing plants. Talk presented in as part of the graduate-course “Seminars in Plant Biodiversity,” organized by Dr. Carmen Zotarelli, Instituto de Botânica (IBt), São Paulo, Brazil.

Lohmann, L.G. 2010. Plants, conservation and sustainable development. Talk presented during the “University for the elderly Seminar Series”, Department of Botany, Universidade de São Paulo, SP, Brazil.

2009

Lohmann, L.G. 2009. Descifrando uno de los grandes misterios de Darwin: la historia de las plantas trepadoras. Talk presented during

the Symposium “200th birthday of Darwin and 150 years of the publication of the Origin of Species,” organized by Dr. José Sarukán (UNAM, México) and Rodolfo Dirzo (Stanford University), Colégio Nacional, México City, México.

Lohmann, L.G. 2009. A phylogenetic approach to understanding contemporary diversity patterns in Bignoniaceae (Bignoniaceae). Talk presented within the symposium “Biological Diversification” organized by Michael Donoghue (Yale University), during the “Diversitas OSC2: Biodiversity and Society Meeting,” Cape Town, South Africa.

Lohmann, L.G. 2009. Disentangling one of Darwin’s greatest mysteries: The story of climbing plants. Talk presented during the “IHU Ecos of Darwin,” held during the “IX International Symposium,” Universidade do Vale do Rio dos Sinos (UNISINOS), Rio Grande do Sul, São Leopoldo, Brazil.

Lohmann, L.G. 2009. Disentangling one of Darwin’s greatest mysteries: The story of climbing plants. Talk presented during the Second World Summit on Evolution, Universidad de San Francisco de Quito, Galapagos Islands Campus, Ecuador.

Lohmann, L.G. 2009. Phylogeny, distribution and abundance of a clade of Neotropical Lianas (Bignoniaceae, Bignoniaceae). Talk presented within the symposium “Changing liana abundance in tropical forests” organized by Susan Letcher & Stephan Schnitzer, during the Annual Meeting of the Association for Tropical Biology and Conservation, Marburg, Germany.

Lohmann, L.G. 2009. Disentangling one of Darwin’s greatest mysteries: The story of climbing plants. 21st Gifford Arboretum Lecturer. Talk presented at the John C. Gifford Arboretum, University of Miami, Miami, FL, USA.

Lohmann, L.G. 2009. Morphological diversification in Neotropical lianas: A phylogenetic perspective. Talk presented during the “Department of Genetics and Molecular Biology Seminar Series,” Universidade Federal do Rio Grande do Sul (UFRS), Porto Alegre, RS, Brazil.

2008

Lohmann, L.G. 2008. An integrated approach for biodiversity studies: Examples from Neotropical lianas (Bignoniaceae, Bignoniaceae). Talk presented during the symposium “Biodiversity Challenges” organized by Dr. Alexandre Adalardo de Oliveira within the “IB in Debate meeting,” Institute of Biosciences, Universidade de São Paulo, Brazil.

Lohmann, L.G. 2008. The origin of the diversity of form in plants: Examples from the Trumpet-creeper Family. Talk presented within the “University for the elderly Seminar Series”, Department of Botany, Universidade de São Paulo, Brazil.

Lohmann, L.G. 2008. Untangling diversity patterns in Neotropical lianas (Bignoniaceae, Bignoniaceae): An integrative approach. Talk presented at the Missouri Botanical Garden, St. Louis, Missouri, USA.

Lohmann, L.G. 2008. Untangling diversity patterns in Neotropical lianas (Bignoniaceae, Bignoniaceae): An integrative approach. Talk presented during the Symposium “Merging phylogenetic biology and spatial ecology” organized by Kenneth Kozak (University of Minnesota), during the “Evolution 2008 Meeting,” Minneapolis, Minnesota, USA.

Lohmann, L.G. 2008. Untangling diversity patterns in Neotropical lianas (Bignoniaceae, Bignoniaceae): An integrative approach. Talk presented within the “Department of Integrative Biology Seminar Series,” UC-Berkeley, California, USA.

Lohmann, L.G. 2008. Morphological diversification in Neotropical lianas: A phylogenetic perspective. Talk presented within the “Genetics Department Seminar Series,” Universidade de São Paulo, São Paulo, Brazil.

2007

Lohmann, L.G. 2007. Morphological diversification in neotropical lianas (Bignoniaceae, Bignoniaceae): A phylogenetic perspective. Talk presented in the “Biology Department Seminar Series,” Universidade Estadual de São Paulo (UNESP), Rio Claro, Brazil.

Lohmann, L.G. 2007. “The origin of morphological diversity in plants.” Talk presented during the Brazilian National Botanical Congress, São Paulo, Brazil.

Lohmann, L.G. 2007. Evolution of insect-plant interactions in Bignoniaceae (Bignoniaceae). Talk presented within the symposium “Insect-plant interactions” organized by Silvana Buzato (IB-USP), during the Brazilian National Botanical Congress, São Paulo, Brazil.

- Lohmann, L.G.** 2007. Ecological diversification of a group of Neotropical lianas (Bignoniaceae, Bignoniaceae). Talk presented in the Symposium "The impact of plant phylogenies on tropical ecology and evolutionary studies" during the 2007 Meeting of the Association for Tropical Biology and Conservation, Morelia, México.
- Lohmann, L.G.** 2007. Untangling diversity patterns in Neotropical lianas: An integrative approach. Talk presented within the seminar series "Comparative Methods," organized by Drs. Naomi Pierce, Jonathan Losos, Scott Edwards, Chuck Davies & Josh Plotkin at Harvard University, Boston, USA.
- Lohmann, L.G.** 2007. Untangling diversity patterns in Neotropical lianas: An integrative approach. Talk presented at the joint Lab Meeting of Drs. Michael Donoghue & Tom Near, Yale University, New Haven, USA.
- Lohmann, L.G. & M. Siqueira.** 2007. Untangling diversity patterns in Neotropical lianas (Bignoniaceae, Bignoniaceae): An integrative approach. Talk presented during the symposium "Integration of spatial and ecological data in evolutionary studies" organized by Lena Struwe (Rutgers University), during the "Botany 2007 Meeting", Chicago, USA.

2006

- Lohmann, L.G.** 2006. Plant biodiversity, conservation, and sustainable development. Talk presented during the "Advancing sustainability conference" organized by the Alcoa Foundation conservation and sustainability fellowship program, Brussels, Belgium.
- Lohmann, L.G.** 2006. Ecological diversification and biogeography of a group of Neotropical Lianas (Bignoniaceae, Bignoniaceae). Talk presented during the "Botany Department Seminar Series," at the University of Vienna, Institute of Botany, Vienna, Austria.
- Lohmann, L.G.** 2006. Untangling diversity patterns in Neotropical Lianas: A phylogenetic approach. Talk presented during the "International Symposium for biodiversity and bioGENESIS research," organized by Tetsukazu Yahara (University of Kyushu, Japan) & Michael Donoghue (Yale University, USA), Kyushu University, Fukuoka, Japan.
- Lohmann, L.G.** 2006. Molecular phylogenies and its uses: Examples from the tribe Bignoniaceae (Bignoniaceae). Talk presented during the symposium "Recent advances in phylogenetic systematics," held during the XVI Meeting at the Botanical Society of São Paulo, Universidade Metodista, Piracicaba, São Paulo, Brazil.
- Lohmann, L.G.** 2006. Diversificación ecológica y biogeografía de un grupo de lianas neotropicales (Bignoniaceae, Bignoniaceae). Talk presented at the Universidad de Los Andes, Bogotá, Colombia.
- Lohmann, L.G.** 2006. Understanding the origin of the vast array of morphological types in plants. Talk presented at the Workshop "Bridging genomics and biodiversity science," co-organized by the University of Postdam (Germany) and the Universidad Nacional de Colombia (Colombia), Bogotá, Colombia.
- Lohmann, L.G.** 2006. Dynamic taxonomy: Examples from the Bignoniaceae. Talk presented during the scientific meeting "Revision of the Flora Brasiliensis: Challenges and Opportunities," Florianópolis, Santa Catarina, Brazil.
- Lohmann, L.G.** 2006. New tools for conservation: The example from the Bignoniaceae. Talk presented during the Workshop "Strategies and tools for the conservation of the Bromeliaceae from the Atlantic Forest," Jardim Botânico do Rio de Janeiro, Rio de Janeiro, Brazil.
- Lohmann, L.G.** 2006. Diversification in the Tribe Bignoniaceae (Bignoniaceae). Talk presented during the seminar series for newly hired faculty at the "Institute of Biosciences," Universidade de São Paulo, SP, Brazil.
- Lohmann, L.G. & V.P. Canhos.** 2006. The vision from a Megadiverse Country: Brazil. Talk presented within the symposium "The importance of creating a data base of Botanical resources to Latin America: The case of the Initiative on African Plants," co-organized by Olga Martha Montiel (Missouri Botanical Garden, USA) & Kim Tripp (New York Botanical Garden, USA), during the IX Latin American Congress of Botany, Santo Domingo, Dominican Republic.
- Lohmann, L.G., V.P. Canhos & G. Shepherd.** 2006. Towards a checklist of Brazilian plants. Talk presented during the symposium "Catalog of the flora of South America: Advances, challenges, and strategies", organized by Paul Berry (University of Michigan, USA), during the IX Latin American Congress of Botany, Santo Domingo, Dominican Republic.

2005

- Lohmann, L.G.** 2005. Diversificación ecológica y biogeografía de un grupo de lianas neotropicales (Bignoniaceae, Bignoniaceae). Talk presented at the seminar series of the "Centro de Investigaciones en Ecosistemas," Universidade Nacional Autónoma de México (UNAM), Morelia, México.
- Lohmann, L.G.,** A. Graham, J.R. Pirani & R.C. Winkworth. 2005. The influence of dispersal on Neotropical Biogeography. Talk presented within the Symposium "The impact of plant dispersal on biogeography: Current understanding and prospects," held during the XVII International Botanical Congress, Vienna, Austria.
- Lohmann, L.G** & R.C. Winkworth. 2005. A phylogenetic approach to understanding contemporary diversity patterns in Bignoniaceae (Bignoniaceae). Talk presented within the Symposium "Phylogeny and Biodiversity Science" coordinated by Michael Donoghue, at the "1st DIVERSITAS Open Science Conference: Integrating Biodiversity Science for Human Well-being," Oaxaca, México.
- Lohmann, L.G.** 2005. Phylogeny, diversification and biogeography of the tribe Bignoniaceae (Bignoniaceae). Talk presented during the 8th Biology Meeting, organized by undergraduate students from the Universidade de São Paulo, SP, Brazil.
- Lohmann, L.G.** 2005. Applications of phylogenies to ecology and conservation, Talk presented within the Symposium "The applications of phylogenies to systematics, evolution, biogeography, ecology and conservation," held during the LVI Brazilian Botany Meeting, Curitiba, Paraná, Brazil.
- Lohmann, L.G.** 2005. Phylogenetic approaches to understanding biodiversity: Examples from Bignoniaceae (Bignoniaceae). Talk presented within the symposium "Phylogenetic approaches to understanding biodiversity" held during the "II Meeting of Comparative Biology: Challenges to understanding biodiversity," USP-Ribeirão Preto, São Paulo, Brazil.
- Lohmann, L.G.** 2005. Combining phylogenetics and ecological studies in Bignoniaceae (Bignoniaceae). Talk presented during the "Field Ecology Course," organized by UNICAMP at the "Parque Estadual da Serra do Mar, Núcleo Picinguaba," São Paulo, Brazil.

2004

- Lohmann, L.G.** 2004. Integrating phylogeny and morphology in Bignoniaceae (Bignoniaceae). Talk presented in the "Plant anatomy lab seminar series," Botany Department, Universidade de São Paulo, SP, Brazil.
- Lohmann, L.G.,** C. Bell & R. Winkworth. 2004. Bignoniaceae (Bignoniaceae): Insights into biogeography and ecological diversification. Talk presented at the "DeepTime Meeting," Snowbird, Utah, USA.

2003

- Lohmann, L.G.** 2003. Phylogeny, classification, and morphological diversification of Bignoniaceae (Bignoniaceae). Talk presented as part of the course "Neotropical Plants" taught by Dr. Robyn Burnham, Missouri Botanical Garden, St. Louis, MO, USA.
- Lohmann, L.G.** 2003. Phylogeny, classification, and morphological diversification of Bignoniaceae (Bignoniaceae). Talk presented at the "Biology Department Seminar Series," Washington University, St. Louis, MO, USA.
- Lohmann, L.G.** 2003. Phylogeny, classification, and morphological diversification of Bignoniaceae (Bignoniaceae). Talk presented at the Science Division, New York Botanical Garden, NY, USA.

2002

- Lohmann, L.G.** 2002. Applications of phylogenies to the study of evolution, ecology and biogeography. Opening talk for the symposium "Evolution and biogeography of Neotropical plants: The phylogenetic perspective II," held during the VIII Latin American Congress of Botany, Cartagena da Indias, Colombia.

2001

- Lohmann, L.G.** 2001. Impacts of new phylogenies to ecology and biogeography. Talk presented during the round table "Advances in systematics," held during the LII Brazilian National Congress of Botany, João Pessoa, Paraíba, Brazil.

1999

Lohmann, L.G. 1999. Generic delimitation and morphological diversification of Bignoniaceae (Bignoniaceae). Talk presented in the Symposium "Current advances in Bignoniaceae research," held during the XVI International Botanical Congress, St. Louis, MO, USA.

OTHER PRESENTATIONS [124]

2018

Fonseca, L.H.M. & **L.G. Lohmann**. 2018. Phylogenomics and evolution of *Adenocalymma* Mart. ex Meisn. (Bignoniaceae, Bignoniaceae): Knowns and unknowns. XII Latin American Botanical Congress, Quito, Ecuador.

Frazão, A. & **L.G. Lohmann**. 2018. Phylogeny of *Tanaecium* (Bignoniaceae, Bignoniaceae) and taxonomic insights. Poster presented during the Saint Louis Ecology, Evolution and Conservation Retreat, Maryville University, St. Louis, Missouri, USA.

Leocadio, J.N., A.K. Veiga, M.F. Barbosa, B.C. Albertini, **L.G. Lohmann** & A.M. Saraiva. 2018. A multi-platform mobile application to collect citizen science data for Bignoniaceae phenological research. SPNHC (Society for the Preservation of Natural History Collections) + TDWG (Biodiversity Informatics Standards) 2018 Conference, University of Otago, Dunedin, Nova Zelândia.

Meyer, L., J.A.F. Diniz-Filho & **L.G. Lohmann**. 2018. A comparison of hull methods for estimating species ranges and richness maps: An empirical evaluation using tribe Bignoniaceae (Bignoniaceae) as a case study. Second Annual Digital Data in Biodiversity Research Conference: Emerging Innovations for Biodiversity Data, UC-Berkeley, Berkeley, EUA.

Meyer, L., J.A.F. Diniz-Filho & **L.G. Lohmann**. 2018. A comparison of hull methods for estimating species ranges and richness maps: An empirical evaluation using tribe Bignoniaceae (Bignoniaceae) as a case study. Anual Meeting of the International Biogeography Society, Évora, Espanha.

Ragsac, A., **L.G. Lohmann** & R. Olmstead. 2018. Phylogeny of the widespread tribe Jacarandae (Bignoniaceae). Botany2018, Rochester, EUA.

Ribeiro, R.S., **L.G. Lohmann** & C.R.A. Soares-Lopes. 2018. Estudos taxonômicos da tribo Bignoniaceae (Bignoniaceae, Lamiales) no Município de Alta Floresta (Mato Grosso, Brasil). 69º National Botanical Congress, Cuiabá, Brasil.

Thode, V., I. Sanmartin & **L.G. Lohmann**. 2018. A phylogenomic approach to study spatio-temporal evolutionary patterns in *Amphilophium* (Bignoniaceae, Bignoniaceae). Talk presented as part of the symposium "Using NGS to study diversity and evolution in non-model organisms" held during the Brazilian Genetics Congress, Águas de Lindóia, SP, Brazil.

2017

Fonseca, L.H. & **Lohmann, L.G.** 2017. Variable plastid genomic architecture within the "*Adenocalymma-Neojobertia*" clade (Bignoniaceae, Bignoniaceae), and its phylogenetic implications. Talk presented during the International Botanical Congress (IBC2017), Sheng-Zhen, China.

Fonseca, L.H.M. & **L.G. Lohmann**. 2017. Phylogenomics, systematics and evolution of the "*Adenocalymma-Neojobertia*" clade (Bignoniaceae, Bignoniaceae). Talk presented during the LXVIII Brazilian National Botanical Congress, Rio de Janeiro, RJ, Brazil.

Fonseca, L.H.M. & **Lohmann, L.G.** 2017. Phylogenomics and morphological evolution of the *Adenocalymma-Neojobertia* clade. Talk presented during the "III International Symposium in Ecology & Evolution," Universidade Federal de Viçosa, Viçosa, Minas Gerais, Brazil.

Frazão, A.N. & **L.G. Lohmann**. 2017. História biogeográfica de *Tanaecium* Sw. emend L.G. Lohmann (Bignoniaceae, Bignoniaceae). Poster presented during the LXVIII Brazilian National Botanical Congress, Rio de Janeiro, RJ, Brazil.

Narváez, J.P., C.A. Szumik, P.A. Goloboff & **L.G. Lohmann**. 2017. Untangling patterns of endemism in Neotropical lianas: Tribe Bignoniaceae (Bignoniaceae) as a study case. Poster presented during the LXVIII Brazilian National Botanical Congress, Rio de Janeiro, RJ, Brazil.

Nazareno, A.G., C. Dick & **Lohmann, L.G.** 2017. Testing the Wallace's riverine hypothesis for an autochorous plant species in the Amazon Basin. Talk presented during the International Botanical Congress (IBC2017), Sheng-Zhen, China.

Nazareno, A.G., C. Dick & **Lohmann, L.G.** 2017. When ecological traits matter: Testing the riverine barrier hypothesis using multiple plant taxa in the Amazon basin. Talk presented as part of the "III EcoEvol Meeting," held during the "III International Symposium of Ecology & Evolution," Universidade Federal de Viçosa, Viçosa, Minas Gerais, Brazil.

Ragsac, A. **L.G. Lohmann** & R.G. Olmstead. 2016. Phylogeny, classification and biogeography of Jacarandaeae (Bignoniaceae). Botany2017, Fort Worth, Texas, EUA.

Thode, V.A., I. Sanmartin & **L.G. Lohmann**. 2017. A phylogenomic approach to study spatio-temporal evolutionary patterns of *Amphilophium* (Bignoniaceae, Bignoniaceae). Talk presented within the symposium "NGS to study evolution, diversity and conservation in non-model organisms," to be held during the 63rd Brazilian Genetics Meeting, Águas de Lindóia, SP, Brazil.

Thode, V.A., I. Sanmartin & **Lohmann, L.G.** 2017. Variable plastid genomic architecture within the "*Adenocalymma-Neojobertia*" clade (Bignoniaceae, Bignoniaceae), and its phylogenetic implications. Poster presented during the International Botanical Congress (IBC2017), Sheng-Zhen, China.

2016

Beyer, M., A.G. Nazareno, & **L.G. Lohmann**. 2016. Characterization and development of SSRs for *Stizophyllym* Miers. (Bignoniaceae, Bignoniaceae) using a genomic approach. Poster presented at the 67th Brazilian Botanical Congress, Vitória, ES, Brazil.

Beyer, M., A.G. Nazareno, & **L.G. Lohmann**. 2016. Molecular phylogeny of *Stizophyllum* (Bignoniaceae, Bignoniaceae). Poster presented at the 67th Brazilian Botanical Congress, Vitória, ES, Brazil.

Brito, I.J.N., S.L. Costa, **L.G. Lohmann** & J.I.M. de Melo. 2016. Patterns of geographic distribution of members of the Tabebuia Alliance and tribe Jacarandaeae (Bignoniaceae) from Paraíba, Brazil. Poster presented at the "Brazilian National Congress on Research and Science Education (CONAPESC)," João Pessoa, Paraíba, Brazil.

Costa, S.L., Brito, I.J.N., **L.G. Lohmann** & J.I.M. de Melo. 2016. Patterns of geographic distribution of members of tribo Bignoniaceae (Bignoniaceae) from Paraíba, Brazil. Poster presented at the "Brazilian National Congress on Research and Science Education (CONAPESC)," João Pessoa, Paraíba, Brazil.

Fonseca, L.H. & **L.G. Lohmann**. 2016. Phylogeny and morphological evolution in the "*Adenocalymma-Neojobertia*" clade (Bignoniaceae, Bignoniaceae). Poster presented at the 67th Brazilian Botanical Congress, Vitória, ES, Brazil.

Frazão, A.N. & **L.G. Lohmann**. 2016. Molecular phylogeny of *Tanaecium* (Bignoniaceae, Bignoniaceae). Poster presented at the 67th Brazilian Botanical Congress, Vitória, ES, Brazil.

Nazareno, A.G., J.B. Bemmels, C.W. Dick, & **L.G. Lohmann**. 2016. Determining optimal sample size for an Amazonian plant species in the genomic era. Poster presented at the "Evolution2017 Meeting," Austin, Texas, USA.

Ragsac, A. R. Cramer, **L.G. Lohmann** & R.G. Olmstead. 2016. An update on the Bignoniaceae phylogeny: Progress in Jacarandaeae, Crescentieae and Tecomeae. Talk presented at the Annual Meeting of the Botanical Society of America (BSA2017), Savannah, Georgia, USA.

2015

Delhy, A. & **Lohmann, L.G.** 2015. The genus *Jacaranda* (Bignoniaceae) in Cuba. Poster presented at the XVI Nacional Workshop on the Flora of Cuba, Jardín Botánico Nacional, Havana, Cuba.

Fonseca, L.H. & **L.G. Lohmann**. 2014. Testing the role of historical and ecological factors in the diversification history of *Dolichandra* (Bignoniaceae, Bignoniaceae). Poster presented at the "Evolution2015 Meeting," Guarujá, São Paulo, Brazil.

Francisco, J.N.C., A.G. Nazareno & **L.G. Lohmann**. 2015. Molecular phylogeny of *Pachyptera* DC. ex Meisn. (Bignoniaceae, Bignoniaceae)". Poster presented at the 66th Brazilian Botanical Congress, Santos, São Paulo, Brazil.

Thode, V., A. Nazareno, M. Carlsen & **L.G. Lohmann**. 2015. Plastome phylogenomics of a clade of Neotropical lianas (*Amphilophium*, Bignoniaceae). Poster presented at the "Evolution2015 Meeting," Guarujá, São Paulo, Brazil.

Zuntini, A.R. & **L.G. Lohmann**. 2015. Deep changes in the organization of *Bignonia* plastomes and close relatives (Bignoniaceae, Bignoniaceae). Poster presented at the 66th Brazilian Botanical Congress, Santos, São Paulo, Brazil.

Zuntini, A.R. & **L.G. Lohmann**. 2015. Taxonomic revision and phylogeny of *Bignonia* L. (Bignoniaceae, Bignoniaceae). Poster presented at the 66th Brazilian Botanical Congress, Santos, São Paulo, Brazil.

2014

Cracraft, J. & **L.G. Lohmann**. 2014. Assembly and evolution of the Amazonian and its environment: A multidisciplinary analysis. Talk presented during the symposium "Assembly and evolution of the Amazonian biota and its environment," Instituto de Pesquisas Amazônicas (INPA), Manaus, Brazil.

Calió, M.F., D. Silvestro, A. Antonelli & **L.G. Lohmann**. 2014. Phylogeny and biogeography of *Anemopaegma* Mart. ex Meisn. (Bignoniaceae, Bignoniaceae). Poster presented at the XI Latin American Botanical Congress, Salvador, Bahia, Brazil.

Firetti-Leggieri, F., J.W. Gaiarsa, C. Metcalfe, **L.G. Lohmann** & M.V. Sluys. 2014. Diversity of transposable elements in *Anemopaegma* Mart. ex Meisn. (Bignoniaceae, Bignoniaceae). Poster presented at the XI Latin American Botanical Congress, Salvador, Bahia, Brazil.

Fonseca, L.H. & **L.G. Lohmann**. 2014. Diversification of *Dolichandra* Cham: What is the role of biotic and abiotic factors? Poster presented at the XI Latin American Botanical Congress, Salvador, Bahia, Brazil.

Nogueira, A., P.J. Rey, J. Alcantara & **L.G. Lohmann**. 2014. Natural selection on extrafloral nectaries: Heritability and phenotypic selection. Poster presented at the XI Latin American Botanical Congress, Salvador, Bahia, Brazil.

Thode, V., A.G. Nazareno, M. Carlsen & **L.G. Lohmann**. 2014. Chloroplast genome sequence of *Amphilophium aschersonii*: The first plastid genome of Bignoniaceae. Poster presented at the "Evolution2014 Meeting," Raleigh, Carolina do Norte, USA.

Zuntini, A.R. & **L.G. Lohmann**. 2014. Diversification in *Bignonia* L. (Bignoniaceae): Insights from ecology and biogeography. Poster presented at the XI Latin American Botanical Congress, Salvador, Bahia, Brazil.

Zuntini, A. & **L.G. Lohmann**. 2014. Combining NGS and Sanger sequencing data to obtain a robust phylogeny of *Bignonia* L. (Bignoniaceae, Bignoniaceae). Poster presented at the "Evolution2014 Meeting," Raleigh, Carolina do Norte, USA.

2013

Cracraft, J.C. & **Lohmann, L.G.** 2013. Building an understanding of the biotic and environmental history of Amazonia. Talk presented within the Symposium "The assembly and evolution of the Amazonian biota and its environment," Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), São Paulo, Brazil.

Nogueira, A. P.J. Rey, J.M. Alcantara & **L.G. Lohmann**. 2013. Geographic mosaic of an ant-plant guard system from a neotropical savanna. Talk presented during the 50th Anniversary Meeting of Association for Tropical Biology and Conservation & Organization for Tropical Studies (ATBC & OTS), San Jose, Costa Rica.

Zuntini, A. & **L.G. Lohmann**. 2013. Biogeography and evolution of *Bignonia* L. (Bignoniaceae, Bignoniaceae). Poster presented at the 50th Anniversary Meeting of Association for Tropical Biology and Conservation & Organization for Tropical Studies (ATBC & OTS), San Jose, Costa Rica.

2012

Calió, M.F., R.C. Winkworth. & **L.G. Lohmann**. 2012. Neotropical habitat transitions and evolution of morphological traits: A case study with *Anemopaegma* Mart. ex Meisn. (Bignoniaceae, Bignoniaceae). Talk presented at the Annual Meeting of the Association for Tropical Biology & Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil.

Nogueira, A., P.J. Rey, & **L.G. Lohmann**. 2012. Evolution of extrafloral nectaries and ant-plant interactions in Neotropical lianas. Talk presented at the Annual Meeting of the Association for Tropical Biology & Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil.

Sousa-Baena M.S., N.R. Sinha & **L.G. Lohmann**. 2012. Evolution and development of tendrils: Key insights ifor liana diversification. Talk presented at the Annual Meeting of the Association for Tropical Biology & Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil.

Zuntini, A. & **L.G. Lohmann**. 2012. Timing and biogeography of *Bignonia* L.: A predominantly Amazonian Clade. Talk presented at the Annual Meeting of the Association for Tropical Biology & Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil.

2011

Calió, M.F., R.C. Winkworth & **L.G. Lohmann**. 2011. Phylogeny and biogeography of *Anemopaegma* Mart. ex Meisn. (Bignoniaceae). Talk presented at the International Botanical Meeting, Melbourne, Australia.

Fonseca, L.H. & **L.G. Lohmann**. 2011. Molecular phylogeny of *Dolichandra s.l.* (Bignoniaceae), with special emphasis on taxonomically complicated taxa. Poster presented at the Brazilian Genetics Congress, Águas de Lindóia, São Paulo, Brazil.

Pace, M.R., **L.G. Lohmann** & V. Angyalossy. 2011. Evolution of the secondary phloem in Bignoniaceae lianas. 62nd Brazilian Botanical Congress, Fortaleza, Ceará, Brazil.

Sheth, S.N., **L.G. Lohmann**, T. Distler & I. Jiménez. 2011. The Wallacean shortfall: Bias in estimates of geographic range size. Talk presented at "Botany 2011 Meeting," St. Louis, USA.

Zuntini, A. & **L.G. Lohmann**. 2011. The biogeographic history of a climbing plant genus (*Bignonia*, Bignoniaceae). Poster presented at the Annual Meeting of the Willi Hennig Society, São José do Rio Preto, São Paulo, Brazil.

2010

Alcantara, S., R. Ree, F.R. Martins & **L.G. Lohmann**. 2010. The role of floral morphology in the assembly of Neotropical plant communities. Talk presented at "Evolution 2010 Meeting," Portland, Oregon, USA.

Burnham, R.J., **L.G. Lohmann**, F. Gomes-Silva, S. Schramm, & U. Li. 2010. Phylogenetic signal in acarodomatia of Neotropical lianas. Poster presented at the Anual Meeting of the Association for Tropical Biology and Conservation (ATBC2010), Bali, Indonésia.

Calió, M.F., R.C. Winkworth & **L.G. Lohmann**. 2010. Phylogeny and biogeography of *Anemopaegma* Mart. ex Meisn (Bignoniaceae). Poster presented at the Brazilian Botanical Congress, Manaus, AM, Brazil.

Calvente, A., D.C. Zappi, F. Forest & **L.G. Lohmann**. 2010. Molecular phylogeny, systematics, evolution and biogeography of *Rhipsalis* (Cactaceae). Talk presented at the X Latin American Botanical Meeting, La Serena, Chile.

Firetti-Leggieri, F., M.M. Castro, **L.G. Lohmann** & J. Semir. 2010. Comparative leaf anatomy of species from the *Anemopaegma arvense* species-complex (Bignoniaceae). Poster presented at the Brazilian Botanical Congress, Manaus, AM, Brazil.

Fonseca, L.H.M. & **L.G. Lohmann**. 2010. Phylogeny and systematics of *Dolichandra s.l.* (Bignoniaceae). Poster presented at the Brazilian Botanical Meeting, Manaus, AM, Brazil.

Forzza, R.C., J.F. Baumgratz, C.E. Bicudo, D.A. Canhos, A.A. Carvalho Jr., A.F. Costa, D.P. Costa, M. Hopkins, P.M. Leitman, **L.G. Lohmann**, E.N. Lughadha, L.C. Maia, G. Martinelli, M. Menezes, M.P. Morim, M.N. Coelho, A.L. Peixoto, J.R. Pirani, J. Prado, L.P. Queiroz, S. Souza, V.C. Souza, J.R. Stehmann, L. Sylvestre, B.M.T. Walter, & D. Zappi. 2010. Preparation of a list of Brazilian plant and fungi: Methods and results. Talk presented at the IV Global Botanic Gardens Congress, Dublin, UK.

Pace, M.R., **L.G. Lohmann** & V. Angyalossy. 2010. Evolution of cambial variants in Bignoniaceae lianas. Talk presented at the X Latin American Botanical Meeting, La Serena, Chile.

Pace, M.R., **L.G. Lohmann** & V. Angyalossy. 2010. The rise and evolution of cambial variants in Bignoniaceae (Bignoniaceae). Poster presented at the International Conference on Plant Vascular Biology 2010, Columbus, Ohio, USA.

Nogueira, A. & **L.G. Lohmann**. 2010. Extra-floral nectaries and ant-plant-herbivore interactions: Ecology and morphological evolution in species from tribe Bignoniaceae (Bignoniaceae). Talk presented during the Brazilian Botanical Congress, Manaus, AM, Brazil.

Pretti, V.Q., A. Vicentini, D. Meyer & **L.G. Lohmann**. 2010. Genetic structure and evolutionary processes of the “Caixetais” of the Brazilian Atlantic Forest. Poster presented at the Brazilian Botanical Meeting, Manaus, Amazonas, Brazil.

Tarabay, D., M.F. Siqueira & **L.G. Lohmann**. 2010. Identifying priority areas for the conservation of the Atlantic Forest Domain using Neotropical lianas (Bignoniaceae, Bignoniaceae). Poster presented at the Brazilian Botanical Congress, Manaus, AM, Brazil.

Zuntini, A. & **L.G. Lohmann**. 2010. Phylogeny of *Bignonia* (Bignoniaceae, Bignoniaceae). Poster presented at the Brazilian Botanical Congress, Guarujá, São Paulo, Brazil.

2009

Alcantara, S., I. Jiménez, S.N. Sheeth, T. Consiglio & **L.G. Lohmann**. 2009. Geographic and ecological phylogenetic structure in Bignoniaceae Dumort (Bignoniaceae). Talk presented at the Brazilian Botanical Meeting, Feira de Santana, Bahia, Brazil.

Alcantara, S. & **L.G. Lohmann**. 2009. Evolution of morphology and pollination systems in Bignoniaceae (Bignoniaceae). Talk presented at the Brazilian Botanical Meeting, Feira de Santana, Bahia, Brazil.

Fonseca, L.H.M. & **L.G. Lohmann**. 2009. Morphological evolution in *Dolichandra s.l.* (Bignoniaceae, Bignoniaceae). Poster presented at the 17^o SICUSP, Universidade de São Paulo, Ribeirão Preto, São Paulo, Brazil.

Garrido-Córdoba, K.P., J.C.P. Lloreda, D. Abadia & **L.G. Lohmann**. 2009. Bignoniaceae diversity in the central pluvial forest of Chocó (Colombia). Poster presented at the V Colombian Botanical Congress, Universidad de Narino, Pasto, Narino, Colombia.

Graham, A. T. Distler, **L.G. Lohmann**, & I. Jiménez. 2009. Historical factors in explanations for Neotropical biodiversity: Then (Refugia) and now (Prediction model). Talk presented at the Brazilian Botanical Meeting, Feira de Santana, Bahia, Brazil.

Nogueira, A., J.H.L. El Ottra & **L.G. Lohmann**. 2009. Trichome evolution in Bignoniaceae (Bignoniaceae). Poster presented at the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC), Marburg, Germany.

Olmstead, R., **L.G. Lohmann**, S.O. Grose & M. Zjhra. 2009. A molecular phylogeny and classification of the Bignoniaceae. Talk presented at the “Botany 2009 Meeting,” Snowbird, Utah, USA.

Sousa-Baena M.S., M. Rossi, D. Kajihara & **L.G. Lohmann**. 2009. Starting to unravel the relationship between tendril development and the gene LEAFY in the tribe Bignoniaceae (Bignoniaceae). Poster presented at the Plant Biology 2009, Hawaii, USA.

Umaña-Medina, M.N., **L.G. Lohmann**, P.R. Stevenson & S. Alcantara. 2009. Pollination by deceit in *Bignonia corymbosa* (Vent.) L.G. Lohmann: Effect of petal size, inter- and intra-specific interactions. Colombian Botanical Congress, Pasto, Nariño, Colombia.

2008

Alcantara, S. & **L.G. Lohmann**. 2008. Ancestral character state reconstructions and correlations among floral traits in Bignoniaceae (Bignoniaceae). Poster presented during the “Evolution 2008 Meeting,” Minneapolis, Minnesota, USA.

Alcantara, S., F. Oliveira & **L.G. Lohmann**. 2008. Phenotypic integration in floral traits of tribe Bignoniaceae (Bignoniaceae). Talk presented during the 54th Brazilian Genetics Meeting, Salvador, BA, Brazil.

Firetti, F., I.R. da Costa, E.R.F. Martins, **L.G. Lohmann** & J. Semir. 2008. Polyploidy and polyembryony in *Anemopaegma* shrubby species. Talk presented during the 20th Congress of the International Association of Sexual Plant Reproduction Research (IASPRR), Brasília, DF, Brazil.

Kaheler, M. & **L.G. Lohmann**. 2008. Morphological phylogeny of *Lundia* DC. (Bignoniaceae, Bignoniaceae). Poster presented during the 59th Brazilian Botanical Congress, Natal, RN, Brazil.

Sousa-Baena, M. & **L.G. Lohmann**. 2008. Tendril evolution and development in Bignoniaceae (Bignoniaceae). Poster presented during the XVII Annual Congress of the Brazilian Botanical Society (SBB), Universidade de Guarulhos (UnG), Guarulhos, SP, Brazil.

Sousa-Baena, M. & **L.G. Lohmann**. 2008. Tendril evolution and development in Bignoniaceae (Bignoniaceae). Talk presented during the 54th Brazilian Genetics Meeting, Salvador, BA, Brazil.

Sousa-Baena, M., N. Menezes & **L.G. Lohmann**. 2008. The importance of phylogenies for plant anatomy and the importance of plant anatomy for phylogenies: Examples from the Bignoniaceae and Velloziaceae. Poster presented during the XVII Annual Congress of the Brazilian Botanical Society (SBB), Universidade de Guarulhos (UnG), Guarulhos, SP, Brazil.

Zuntini, A.R. & **L.G. Lohmann**. 2008. Field-guide of the Natural Reserve Vale do Rio Doce (Linhares, Espírito Santo): Bignoniaceae. Poster presented during the XVI SICUSP Meeting, Universidade de São Paulo, campus Ribeirão Preto, Ribeirão Preto, SP, Brazil.

2007

Calvente, A., D.C. Zappi and **L.G. Lohmann**. 2007. Wood morphometrics of *Phyllarthrorhopsis* F. Buxbaum (*Rhipsalis*, Cactaceae). Poster presented during the Brazilian Botanical Congress, São Paulo, Brazil.

Firetti, F., **L.G. Lohmann** & J. Semir. 2007. Polyembryony in species from the *Anemopaegma arvense* species-complex (Bignoniaceae, Bignoniaceae). Poster presented during the Brazilian Botanical Congress, São Paulo, Brazil.

Firetti, F., I.R. Costa, E. Forni-Martins, **L.G. Lohmann** & J. Semir. 2007. Chromosome studies in species of the *Anemopaegma arvense* species-complex (Bignoniaceae, Bignoniaceae). Poster presented during the Brazilian Botanical Congress, São Paulo, Brazil.

Gomes-Silva, F., G. Romero, L. Gonçalves, and **L.G. Lohmann**. 2007. Evolution of mite-domatia in Bignoniaceae (Bignoniaceae). Poster presented during the Brazilian Botanical Congress, São Paulo, Brazil.

Pace, M.R., **L.G. Lohmann** & V. Angyalossy. 2007. Wood anatomic studies of *Sphingiphila* and insights into its phylogenetic placement within Bignoniaceae. Poster presented during the Brazilian Botanical Congress, São Paulo, Brazil.

Pace, M.R., **L.G. Lohmann** & V. Angyalossy. 2007. Origin and evolution of cambial variants in Bignoniaceae (Bignoniaceae). Poster presented during the I Brazilian Symposium of Wood Anatomy, São Paulo, SP, Brazil.

Ribeiro, J.E.L., A.D. de Faria, J.G.C. Sobrinho, C.E. Zartman, S. Sakagawa, C.H. Franciscon, V. Bitrich, M.C.E. Amaral, J.R. Pirani & **L.G. Lohmann**. 2007. Amazonian Flora – how to access this megabiodiversity? The example of Uatumã.” Talk presented during the Brazilian Botanical Congress, São Paulo, Brazil.

Sakiyama, M. & **L.G. Lohmann**. 2007. The role of biologists in environmental issues. International Student Conference Toward Sustainability. Talk presented at Ibaraki University, Ibaraki, Japan.

Sheth, S., **L.G. Lohmann**, T. Consiglio & I. Jimenez. 2007. Extinction risk in Bignoniaceae: A phylogenetic perspective. Talk presented during the XXXI Argentinian Botanical Meeting, Corrientes, Argentina.

Sheth, S., **L.G. Lohmann**, T. Consiglio & I. Jimenez. 2007. Extinction risk in Bignoniaceae: A phylogenetic perspective. Talk presented during the Washington University seminar series, St. Louis, Missouri, USA.

Sheth, S., **L.G. Lohmann**, T. Consiglio & I. Jimenez. 2007. Extinction risk in Bignoniaceae: A phylogenetic perspective. Talk presented within the Symposium “Integrating spatial and ecological data in evolutionary studies,” organized by Lena Stuwe (Rutgers University) during the “Botany 2007 Meeting,” Chicago, USA.

Siqueira, M.F., A. Giarolla & **L.G. Lohmann**. 2007. Environmental satellite data: Applications for the study of the physical environment and biodiversity. Talk presented during the Symposium “Strategies for open and permanent access to scientific information in Latin America: Focus on health and environmental information for sustainable development,” Hotel Village Eldorado, Atibaia, São Paulo, Brazil.

Zuntini, A. & **L.G. Lohmann**. 2007. Field guide of the Natural Reserve Vale do Rio Doce (Linhares, Espírito Santo): Bignoniaceae. Poster presented during the Brazilian Botanical Meeting, São Paulo, Brazil.

Zuntini, A.R. & **L.G. Lohmann**. 2007. Field guide of the “Reserva Natural da Companhia Vale do Rio Doce (Linhares, Espírito Santo): Bignoniaceae. Poster presented during the XV SICUSP Meeting, Universidade de São Paulo, campus Ribeirão Preto, Ribeirão Preto, SP, Brazil.

2006

- Calvente, A. de Moraes, D.C. Zappi & **L.G. Lohmann**. 2006. Taxonomic revision of the subgenus *Phyllarthrorhipsalis* F. Buxbaum (*Rhipsalis* Gaert., Cactoideae, Cactaceae): Preliminary results. Poster presented at the IX Latin American Botanical Congress, Santo Domingo, Dominican Republic.
- Casas, X.M., A. Salatino, M.L. Salatino, **L.G. Lohmann** & F. Gonzales. 2006. Phylogeny and biogeography of the genus *Drymis* (Winteraceae). Poster presented at the IX Latin American Botanical Congress, Santo Domingo, Dominican Republic.
- Casas, X.M., F.G. Gonzales, **L.G. Lohmann**, M.L. Salatino & A. Salatino. 2006. Phylogeny and biogeography of *Drimys* (Winteraceae). Talk presented within the symposium "Diversification and biogeography of the most ancestral lineages of angiosperms in the Neotropics," held during the IX Latin American Botanical Congress, Santo Domingo, Dominican Republic.
- Firetti, F., **L.G. Lohmann** & J. Semir. 2006. Pollination ecology and reproductive system of species of the genus *Anemopaegma* (Tribo Bignoniaceae - Bignoniaceae). Poster presented at the IX Latin American Botanical Congress, Santo Domingo, Dominican Republic.
- Jiménez, I., T. Consiglio, **L.G. Lohmann** & B. Loiselle. 2006. Estimating occupancy across geographic ranges using herbarium and environmental data. Poster presented during the "Evaluation Meeting of the Center for Conservation and Sustainable Development," Missouri Botanical Garden, Saint Louis, USA.
- Loiselle, B.A., P. Jorgensen, T. Consiglio, I. Jiménez, J.G. Blake, **L.G. Lohmann** & O.M. Montiel. 2006. Evaluating plant collections: A case study using plant vouchers from Ecuador and Bolivia. Poster presented during the "Evaluation Meeting of the Center for Conservation and Sustainable Development," Missouri Botanical Garden, Saint Louis, USA.
- Mendes, M.A., A.C. Marcato, **L.G. Lohmann**, C. de Mendonça, F. Quina & C. Oller. 2006. Atlantic rainforest sustainability. Poster presented at the meeting "Advancing Sustainability" organized by the Alcoa Foundation Conservation and Sustainability Fellowship Program, Brussels, Belgium.
- Pace, M.R., **L.G. Lohmann** & V. Angyalossy. 2006. *Perianthomega*: Which Bignoniaceae tribe does it belong to? A study on comparative anatomy. Poster presented at the IX Latin American Botanical Congress, Santo Domingo, Dominican Republic.
- Sheth, S.N., **L.G. Lohmann**, T. Consiglio & I. Jiménez. 2006. Risk of extinction of Bignoniaceae (Bignoniaceae) estimated with herbarium data: A critical perspective. Talk presented within the Symposium "Geographical distributions and diversity patterns," held during the IX Latin American Botanical Congress, Santo Domingo, Dominican Republic.
- Sheth, S.N., I. Jiménez, T. Consiglio & **L.G. Lohmann**. 2006. Evaluating phylogenetic patterns of threat in Bignoniaceae (Bignoniaceae) using herbarium data. Poster presented at the meeting "Advancing Sustainability" organized by the Alcoa Foundation Conservation and Sustainability Fellowship Program, Brussels, Belgium.
- Sheth, S.N., **L.G. Lohmann**, I. Jiménez & T. Consiglio. 2006. Evaluating phylogenetic patterns of threat in Bignoniaceae (Bignoniaceae) using herbarium data. Poster presented during the "Evaluation Meeting of the Center for Conservation and Sustainable Development," Missouri Botanical Garden, Saint Louis, USA.

2005

- Pace, M.R., V. Angyalossy & **L.G. Lohmann**. 2005. The position of *Perianthomega* within Bignoniaceae: A study on wood and leaf anatomy. Poster presented at the LVI Brazilian Botanical Congress, Curitiba, Paraná, Brazil.

2004

- Lohmann, L.G.**, C. Bell & R. Winkworth. 2004. Bignoniaceae (Bignoniaceae): Insights into biogeography and ecological diversification, Talk presented within at the "Botany 2004 Meeting," Snowbird, Utah, USA.

2003

- Lohmann, L.G.** 2003. A new generic classification for Bignoniaceae (Bignoniaceae). Talk presented at the "Botany 2003 Meeting," Mobile, Alabama, USA.

2002

Lohmann, L.G. 2002. Phylogeny and morphological evolution of Bignoniaceae (Bignoniaceae). Talk presented at the "Botany 2002 Meeting," Madison, Wisconsin, USA.

Lohmann, L.G. 2002. Phylogeny and evolution of Neotropical lianas (Bignoniaceae, Bignoniaceae). Talk presented at the "Evolution 2002 Meeting," Champaign-Urbana, Illinois, USA.

2000

Lohmann, L.G. 2000. Generic delimitation and morphological diversification of Bignoniaceae (Bignoniaceae). Talk presented at the 1st retreat between the University of Missouri – St. Louis & the University of Missouri – Columbia, held at the University of Missouri St. Louis, St. Louis, Missouri, USA

1998

Cabral, S., F. Agra & **L.G. Lohmann**. 1999. Bignoniaceae from the Pico do Jabre, Paraíba, Brazil. Poster presented at the XVI International Botanical Congress, St. Louis, Missouri, USA.

1997

Renner, S.S., **L.G. Lohmann** & A. Schwartzbach. 1997. Phylogenetic relationships of the Siparunaceae within Laurales based on *rbcl* sequence data. Talk presented at the "Botany 1997 Meeting," Montreal, Canada.

Hauk, W.D., **L.G. Lohmann** & S.S. Renner. 1997. Indels of the *trnL-F* intergenic spacer as generic markers in woody tropical lianas (Bignoniaceae tribe Bignoniaceae). Talk presented at the "Botany 1997 Meeting," Montreal, Canada.

1996

Lohmann, L.G. 1996. Flora of Ducke Reserve: Bignoniaceae. Poster presented at the XLVII Brazilian Botanical Congress, Colégio Anchieta, Nova Friburgo, RJ, Brazil.

1995

Lohmann, L.G. & J.R. Pirani. 1995. Bignoniaceae of the Serra do Cipó, Minas Gerais, Brazil. Poster presented at the XLVI Brazilian Botanical Congress, Universidade de São Paulo, Campus de Ribeirão Preto, São Paulo, Brazil.

Zottarelli, C.L.P., Milanez, A.I., I.H. Schoelein-Crusius & **L.G. Lohmann**. 1995. Distribution of Zoosporic Fungi in the Parque Estadual das Fontes do Ipiranga, São Paulo, Brazil. Poster presented at the XI Internacional Simposium of Microbial Ecology, Santos, São Paulo, Brazil.

1994

Lohmann, L.G. & J.R. Pirani. 1994. Bignoniaceae de Grão-Mogol, Minas Gerais, Brazil. Poster presented at the VI Latin American Botanical Congress, Mar del Plata, Argentina.

Zottarelli, C.L.P., A.I. Milanez, I.H. Schoenlein-Crusius & **L.G. Lohmann**. 1994. Criptógamos do Parque Estadual das Fontes do Ipiranga, São Paulo (PEFI); Fungos 4: Peronosporales. Poster presented at the VI Latin American Botanical Congress, Mar del Plata, Argentina.

Lohmann, L.G. & J.R. Pirani. 1994. Tecomeae (Bignoniaceae) da Cadeia do Espinhaço, Minas Gerais, Brazil. Talk presented at the XLV Brazilian Botanical Congress, Universidade do Vale do Rio Sinos (UNISINOS), Rio Grande do Sul, Brazil.

Milanez, A.I., C.L.P. Zottarelli, I.H. Schoenlein-Crusius & **L.G. Lohmann**. 1994. Micota Zoospórica do Parque Estadual das Fontes do Ipiranga (PEFI), São Paulo, SP: Avaliação Qualitativa. Poster presented at the I Anual Meeting of the Institute of Botany (IBt), São Paulo, Brazil.

Zottarelli, C.L.P., A.I. Milanez, I.H. Schoelein-Crusius & **L.G. Lohmann**. 1994. Criptógamos do Parque Estadual das Fontes do Ipiranga, São Paulo (PEFI); Fungos 3: Saprolegniales. Poster presented at the X Meeting of the Brazilian Botanical Society, Universidade Católica de Santos (UNISANTOS), São Paulo, Brazil.

ORGANIZATION OF SYMPOSIA AND WORKSHOPS [23]

- Symposium "IAPT Early Career Investigators Symposium: Systematics in Latin America," organized by Lúcia G. Lohmann (USP, Brazil) & Maurício de León (Uruguay), held during the XII Latin American Botanical Meeting (CLB2018), Quito, Ecuador, 21-28th October/2018.
- Symposium "Tropical ecology and society: Reconciling sustainable use of biodiversity and conservation," organized by Patricia Balavanera (UNAM, México), Lúcia G. Lohmann & Tuyeni Mwampamba (UNAM, México), held during the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2016), Montpellier, França, 19-23rd June/2016.
- Symposium "The assembly and evolution of the Neotropical biota: The role of biotic exchanges between Amazonia and the Atlantic Forest," organized by Lúcia G. Lohmann & Ana Carolina Carnaval (CUNY, USA), held during the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2016), Montpellier, França, 19-23rd June/2016.
- Symposium "The geological history of Amazonia and its implications to biogeography," organized by Lúcia G. Lohmann, Francisco W. Cruz (IGc, Brazil) & Joel Cracraft (AMNH, USA), held at the Geosciences Institute, Universidade de São Paulo, SP, Brazil, 10th November/2015.
- Symposium "Emerging trends in systematics and biogeography," organized by Lúcia G. Lohmann & Sandy Knapp (Natural History Museum, London, UK), held during the LXV Latin American Botanical Congress, Salvador, Bahia, Brazil, 20-24 Outubro/2014.
- Symposium "The evolution of South American Biomes: An integrative approach," organized by Lúcia G. Lohmann & Cristina Miyaki (USP, Brazil), held during the Brazilian Genetics Meeting, Guarujá, São Paulo, Brazil, 26-29 August/2014.
- Symposium "The origin and future of Tropical biodiversity: An evolutionary perspective," organized by Lúcia G. Lohmann & Daniel Faith (The Australian Museum, Australia), held during the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2014), Cairns, Australia, 20-24 Julho/2014.
- Symposium "Assembly and evolution of the Amazonian biota and its environment," organized by Lúcia G. Lohmann, Camila Ribas (INPA, Manaus, Brazil) & Joel Cracraft (American Museum of Natural History, USA), held at the Instituto Nacional de Pesquisas da Amazônia (INPA), Manaus, Brazil, 11-12 May/ 2014.
- Workshop "bioGENESIS-ATBC training workshop on Evolutionary approaches to biodiversity Science," organized by Susana Magallón (UNAM, Mexico) & Lúcia G. Lohmann, held during the "Asian-Pacific Chapter Meeting," Association for Tropical Biology and Conservation (ATBC), Banda Aceh, Indonesia, 13-15 March/2013.
- Symposium "The assembly and evolution of the Amazonian biota and its environment," organized by Lúcia G. Lohmann & Joel Cracraft (AMNH, USA), held at the Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), SP, Brazil, 4th March/2013.
- Workshop "bioGENESIS-ATBC2012 training workshop on evolutionary approaches to biodiversity science," organized by Lúcia G. Lohmann & Susana Magallón, held during the 49th Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil, 16-18 June/2012.
- Symposium "The Assembly and Evolution of the Amazonian Biota," organized by Joel Cracraft (AMNH, USA) & Lúcia G. Lohmann, held at the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil, 19-22th June/2012.
- Annual Meeting of the Association for Tropical Biology and Conservation "ATBC2012: Ecology, Evolution and Sustainable Use of Tropical Biodiversity," organized by Lúcia G. Lohmann, Pierre Michel-Forget (Musée de Histoire Naturelle, France), held at the Bonito Convention Center, Mato Grosso do Sul, Brazil, 19-22th June/2012.
- Symposium "Integrating evolution, ecology and biodiversity science," organized by Lúcia G. Lohmann & Andrew Hendry (McGill University, Canadá), held during the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2010), Bali, Indonésia, 19-23 July/2010.
- Symposium "DNA Barcoding," organized by Mariana Oliveira (IB-USP), Cristina Miyaki (IB-USP) & Lúcia G. Lohmann, held at the Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), São Paulo, SP, Brazil, 03-04th December/2009.

- Symposium “Evolutionary Biology and Biodiversity Conservation: Scientific and Social Aspects,” organized by Lúcia G. Lohmann & Carlos Joly (UNICAMP, São Paulo), held at the Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), São Paulo, SP, Brazil, 10-13 November/2008.
- Symposium “The impact of plant phylogenies on tropical ecology and evolutionary studies,” organized by Lúcia G. Lohmann & A. Jaramillo, held during the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2007), Morelia, México, 15-19 July/2007.
- Workshop “Revision of the Brazilian Flora: Challenges and opportunities,” organized by Lúcia G. Lohmann, Vanderlei Canhos (CRIA), George Shepherd (UNICAMP) & Ariane Luna Peixoto (Jardim Botânico do Rio de Janeiro), held during the Annual Meeting of the Brazilian Society for the Progress of Science (SBPC), Florianópolis, Brazil, 19-21 June/2006.
- Symposium “The applications of phylogenies to systematics, evolution, biogeography, ecology and conservation,” held during the LVI Brazilian Botanical Congress, Curitiba, Brazil, 2005.
- Symposium “The impact of plant dispersal on biogeography: Current understanding and prospects,” organized by Lúcia G. Lohmann & Richard Winkworth (Massey University, New Zealand), held during the XVII International Botanical Congress, Vienna, Austria, 2005.
- Symposium “Systematics, ecology, evolution and applications of the Bignoniaceae,” organized by Michelle Zjhra, Susan Grose and Lúcia Lohmann, held during the XVII International Botanical Congress, Vienna, Austria, 2005.
- Symposium “Evolution and biogeography of Neotropical plants: The phylogenetic perspective II,” organized by Santiago Madriñan (Universidad de Los Andes, Colombia), Fávio Gonzales (Universidad Nacional de Colombia, Colombia) & Lúcia G. Lohmann, held during the VIII Latin American Botanical Congress, Cartagena da Indias, Colombia, 2002.
- Symposium “Current advances in Bignoniaceae research,” organized by Warren Hauk & Lúcia G. Lohmann, held at XVI International Botanical Congress, St. Louis, Missouri, USA, 1999.

RESEARCH GRANTS [29]

- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Research Project: “Diversification, biogeography & conservation of Neotropical lianas (Bignoniaceae, Bignoniaceae): An integrated approach,” March/2018 – February/2022 (Grant Pq-1B. USD 50.000,00; Award Number 310871/2017-4).
- FAPESP-NSF** (Fundação de Amparo à Pesquisa do Estado de São Paulo, Brazil & National Science Foundation, USA), Research Project “Structure and evolution of the Amazonian Biota and its environment: An integrative approach” coordinated by Lúcia G. Lohmann & Joel Cracraft (American Museum of Natural History, USA). September/2012 – March/2019 (Lúcia Lohmann is the PI on the FAPESP Award # 2012/50260-6, Joel Cracraft is the PI on the NSF Award # 1241066; Total amount awarded by FAPESP to LGL: USD 2.000.000,00; the same amount is distributed by NSF for the US-PI & Co-PIs).
- FAPESP** (Fundação de Amparo à Pesquisa do Estado de São Paulo), Brazil, Research Project “Systematics of tribe Bignoniaceae,” October/2012 – September/2014 (USD 400.000,00; Award # 2011/50859-2).
- FAPESP** (Fundação de Amparo à Pesquisa do estado de São Paulo), Brazil, Research Project “Phylogeny and biogeography of *Anemopaegma* (Bignoniaceae, Bignoniaceae),” December/2010 – January/2014 (USD 100.000,00 Award # 2010/51755-3).
- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Research Project: “Diversification, biogeography & conservation of Neotropical lianas (Bignoniaceae, Bignoniaceae): An integrated approach,” March/2014 – February/2018 (Grant Pq-1C. USD 50.000,00; Award Number 305102/2010-9).
- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Research Project: “Systematics & Biogeography of tribe Bignoniaceae (Bignoniaceae),” August/2013 – February/2014 (Grant Pq-1D; USD 10.000,00; Award # 305102/2010-9)
- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Research Project: “Systematics & Biogeography of tribe Bignoniaceae (Bignoniaceae),” March/2011 – July/2013 (Grant Pq-2; USD 20.000,00; Award # 305102/2010-9).

- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Award for the organization of the Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil. June/2012 (USD 30.000,00; Award # 455119/2011-2).
- CAPES** (Coordenação de Aperfeiçoamento de Pessoal de Nível Superior), Brazil, Award for the organization of Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil. June/2012 (USD 40.000,00; Award # 667/2012).
- Vale do Rio Doce S.A.**, Brazil, Award for the organization of Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil. June/2012 (USD 15.000,00).
- Moore Foundation**, Brazil, Award for the organization of Annual Meeting of the Association for Tropical Biology and Conservation (ATBC2012), Bonito, Mato Grosso do Sul, Brazil. June/2012 (USD 30.000,00).
- FAPESP** (Fundação de Amparo à Pesquisa do estado de São Paulo), Brazil, Award for the organization of the meeting “Evolutionary biology and biodiversity conservation: Scientific and social aspects,” held at FAPESP, São Paulo, SP, between 10-14 November/2008 (USD 50.000; Award Number # 08/54883-2).
- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Award for the organization of the meeting “Evolutionary biology and biodiversity conservation: Scientific and social aspects,” held at FAPESP, São Paulo, SP, 10-14 November/2008 (USD 15.000,00; Award # 452320/2008-9).
- FAPESP** (Fundação de Amparo à Pesquisa do estado de São Paulo), Brazil, Research Project: “Diversification of Bignoniaceae in the Campinaranas of Central Amazonia,” March/2008 – February/2010 (USD 100,000.00; Award # 2007/54903-0).
- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Research Project “Checklist of Bignoniaceae from Brazil,” February/2008 – January/2010 (USD 30.000,00).
- FAPESP** (Fundação de Amparo à Pesquisa do estado de São Paulo), Brazil, Research Project: “Adaptation in *Anemopaegma* Mart. ex Meisn. (Bignoniaceae): Evolution of extra-floral nectarines and trichomes as defense structures anti-herbivory,” February/2008 – January/2010 (USD 100,000.00; Award # 07/55433-8).
- FAPESP** (Fundação de Amparo à Pesquisa do estado de São Paulo), Brazil, Research Project: “Evolution of the epiphytic habit in Cactaceae,” December/2006 – November/2009 (USD 100,000.00).
- Mellon Foundation**, USA, Research Project: “Digitizing Latin American types: Data sharing and capacity building at the University of São Paulo,” September/2006 – November/2010 (USD 35,000.00).
- FINEP**, Brazil, Award for the organization of the meeting “Revision of the Brazilian Flora: Challenges and Opportunities” held jointly with the Annual Meeting of the SBPC, Florianópolis, SC, 19-21 June/2006 (USD 20.000,00).
- FAPESP** (Fundação de Amparo à Pesquisa do estado de São Paulo), Brazil, Award for the organization of the meeting “Revision of the Brazilian Flora: Challenges and Opportunities” held jointly with the Annual Meeting of the SBPC, Florianópolis, SC, 19-21 June/2006 (USD 15.000,00).
- ALCOA**, USA, Alcoa Foundation conservation and sustainability program, one of three co-PI's (C.O. Nascimento (Poli-USP), F. Quina (Química-USP) & L.G. Lohmann (IB-USP) on the Academic Partners of Alcoa Program for the establishment of a world-wide program on conservation and sustainable development at the Universidade de São Paulo, September/2005 – August/2010 (USD 844.000,00).
- CNPq** (Conselho Nacional de Desenvolvimento Científico), Brazil, Research Project: “Igapó Forests of Lower Rio Negro, (Amazonas, Brazil): An illustrated Botanical Field Guide,” one of two Co-PI's (Alexandre Adalardo de Oliveira & Lú Lohmann) (Process # 478790/2004), June/2005 – June/2007 (USD 15.000,00).
- NSF** (National Science Foundation), USA, “Dissertation improvement grant,” Research Project: “Morphological and molecular systematics of Bignoniaceae (Bignoniaceae)” (Award # 73052), 2000 (USD 9,814.00).
- ICTE** (International Center for Tropical Ecology), USA, “2000 ICTE Development Board Scholarship,” Research Project: “Morphological diversification and biogeography of Bignoniaceae (Bignoniaceae)” (USD 1,500.00).

BSA (Botanical Society of America), USA, “BSA/Karling Student Research Award,” research grant for laboratory work for the project “Systematics of Bignoniaceae (Bignoniaceae),” 2000 (USD 500.00).

ASPT (American Society of Plant Taxonomists), USA, “ASPT Research Grant,” research grant for laboratory work for the project “Systematics of Bignoniaceae (Bignoniaceae),” 2000 (USD 800.00).

Federated Garden Clubs of Missouri, USA, “Virginia Thomas Scholarship,” 2000 (USD 500.00).

Federated Garden Clubs of Missouri, USA, “Federated Garden Clubs of Missouri, Inc. Scholarship,” 2000 (USD 500.00).

ICTE (International Center for Tropical Ecology), USA, “Parker-Gentry Tropical Research Award,” 2000 (USD 2,600.00).

STUDENTS & POST-DOCS SUPERVISED

Post-Doctoral Fellows [8]

Luiz Henrique da Fonseca, Project: “Taxonomic revision of *Adenocalymma* (Bignoniaceae, Bignoniaceae)”. May/2017 – Present (Funding: CAPES).

Verônica Aydos Thode, Project: “Phylogeny, biogeography and diversification of *Amphilophium* (Bignoniaceae, Bignoniaceae)”. November/2013 – October/2018 (Funding: FAPESP).

Alison Gonçalves Nazareno, Project: “Comparative phylogeography of plants in Central Amazonia”. October/2013 – Setembro/2018 (Funding: FAPESP).

Miriam Kaeler, Project: “Phylogeny and biogeography of *Fridericia* Mart. (Bignoniaceae, Bignoniaceae)”. July/2013 – June/2014 (Funding: CNPq)

Anselmo Nogueira, Project: “Evolution of extra-floral nectaries: Herdability, natural selection, and specialization in ant-plant interactions,” May/2012 – April/2014 (Funding: FAPESP).

Maria Fernanda Calió, Project: “Phylogeny and biogeography of *Anemopaegma* Mart. ex Meisn (Bignoniaceae)”. January/2010 – December/2013 (Funding: FAPESP).

Fabiana Firetti, Project: “Taxonomic Revision of *Anemopaegma* Mart. ex Meisn (Bignoniaceae)”. March/2010 – November/2012 (Funding: CNPq).

Richard C. Winkworth, Project: “Phylogeny, evolution, biogeography, and phylogeography of *Anemopaegma* Mart. ex Meisn (Bignoniaceae).” August/2005 – October/2007 (Funding: FAPESP).

Ph.D. Students [15]

Jéssica Nayara Carvalho Francisco (USP), Project: “Phylogenomics, systematics and diversification of *Cuspidaria* DC. (Bignoniaceae, Bignoniaceae),” January/2019 – Present (Funding: CNPq).

Juan Pablo-Narváez (USP), Project: “Endemism patterns and processes in Bignoniaceae (Bignoniaceae) and its implications for the Conservation of Amazonia.” August/2016 – Present (Funding: CAPES).

Annelise Frazão (USP), Project: “Phylogeny, diversification, taxonomic revision, and phylogeny of *Tanaecium* Sw. (Bignoniaceae, Bignoniaceae).” May/2015 – Present (Funding: FAPESP).

Leila Meyer (UFG), Project: “Macroecology and geographical distribution of tribe Bignoniaceae (Bignoniaceae),” co-supervised by José Alexandre Diniz-Filho (Universidade Federal de Goiás) & Lúcia G. Lohmann (Universidade de São Paulo). January/2015 – February/2019 (Funding: CAPES).

Luiz Henrique da Fonseca (USP), Project: “Biogeography and diversification of *Adenocalymma* (Bignoniaceae, Bignoniaceae)”. June/2013 – May/2017 (Funding: CAPES & IAPT).

- Maria Cláudia Melo Pacheco de Medeiros (USP), Project: "Revision, phylogeny, evolution and biogeography of *Tynanthus* Miers (Bignoniaceae, Bignoniaceae)". June/2010 – August/2013 (Funding: FAPESP & IAPT).
- Alexandre Zuntini (USP), Project: "Phylogeny of *Bignonia* L. (Bignoniaceae, Bignoniaceae)." August/2009 – August/2013 (Funding: FAPESP).
- André Luiz Cassarin Rochelle (UNICAMP), co-supervised by Fernando Martins (UNICAMP) & Lúcia Lohmann (USP). Project: "Geographic distribution, age and efficiency of dispersal of species of Bignoniaceae (Bignoniaceae)." March/2009 – February/2013 (Funding: CNPq).
- Vânia Pretti (USP), Project: "Genetic diversity and phylogeography of Caxetals in the Brazilian Atlantic Forest." August/2008 – August/2012 (Funding: CNPq).
- Anselmo Nogueira (USP), Project: "Adaptation in *Anemopaegma* Mart. ex Meisn. (Bignoniaceae): Evolution of extra-floral nectaries and trichomes as defense structures against herbivores." August/2007 – October/2011 (Funding: CNPq & FAPESP).
- Mariane Sousa-Baena (USP), Project: "Evolution and development of leaves and tendrils in Bignoniaceae (Bignoniaceae)". August/2006 – September/2011 (Funding: CNPq).
- Miriam Kaheler (USP), Project: "Taxonomic revision, phylogeny, evolution and biogeography of *Lundia* DC. (Bignoniaceae, Bignoniaceae)." January/2007 – January/2011 (Funding: CNPq, IAPT & ASPT).
- Suzana Alcantara (USP), Project: "Evolution of reproductive systems and the effect of phylogeny on the community structure and diversification of Bignoniaceae (Bignoniaceae, Lamiales). January/2007 – October/2010 (Funding: FAPESP & MOBOT).
- Alice Calvente (USP), Project: "Taxonomic revision, phylogeny, and evolutionary studies in the subgenus *Phyllarthrorhipsalis* (*Rhipsalis* Gaert. – Cactoideae - Cactaceae)." August/2005 – April/2010 (Funding: FAPESP & IAPT).
- Fabiana Firetti (UNICAMP), co-supervised by João Semir (UNICAMP, Brazil) & Lúcia Lohmann. Project: "Reproductive Biology, hybridization, introgression, and phylogeography of the complex *Anemopaegma arvense* (Vell.) Steff. ex de Souza." January/2005 – December 2009 (Funding: CAPES & CNPq).
- Masters Students [7]**
- Eric Yasuo Kataoka (USP), Project: "Taxonomic revision, phylogeny and biogeography of *Martinella* Baill. (Bignoniaceae, Bignoniaceae)," August/2016 – March/2019 (Funding: FAPESP).
- Swami Leitão Costa (UFPE), Project: "Flora of Pernambuco (Brasil): Bignoniaceae," co-supervised by Maria Teresa Buril (Universidade Federal de Pernambuco) & Lúcia G. Lohmann (Universidade de São Paulo), July/2017 – January/2019 (Funding: CNPq).
- Maila Beyer (USP), Project: "Taxonomic revision, phylogeny and biogeography of *Stizophyllum* (Bignoniaceae, Bignoniaceae)," August/2015 – April/2018 (Funding: CNPq).
- Jéssica Nayara Carvalho Francisco (USP), Project: "Phylogeography of the *Pachyptera kerere* (Aubl.) Sandwith (Bignoniaceae, Bignoniaceae)," October/2014 – December/2018 (Funding: CNPq).
- Luiz Henrique Fonseca (USP), Project: "Phylogeny and evolution of *Dolichandra* (Bignoniaceae, Bignoniaceae)." January/2010 – November/2012 (Funding: FAPESP).
- Flávio Gomes (USP), Project: Evolution of Mite-domatia in Bignoniaceae (Bignoniaceae). August/2006 – July 2009 (Funding: FAPESP).
- Marcelo Pace (USP), co-advised by Dra. Verônica Angyalossy (USP) & L.G. Lohmann (USP). Project: "Evolution of cambial variation in Bignoniaceae (Bignoniaceae)." March/2005 – August/2009 (Funding: CNPq).

Undergraduate Student Theses [8]

Swami Leitão Costa (UEPB), Project: “Tribe Bignonieae in the state of Paraíba (Brazil): Diversity and Distribution,” co-supervised by Iranildo Mello (Unviersidade Estadual da Paraíba) & Lúcia G. Lohmann (Universidade de São Paulo), March/2014 – February/2017 (Funding: CNPq).

Bella Johanes (UEPB), Project: “Tabebuia aliance and Tribe Jacarandae in the state of Paraíba (Brazil): Diversity and Distribution,” co-supervised by Iranildo Mello (Unviersidade Estadual da Paraíba) & Lúcia G. Lohmann (Universidade de São Paulo), March/2014 – February/2017 (Funding: CNPq).

Ricardo da Silva Ribeiro (UNEMAT), Project: Checklist of the Bignoniaceae Juss. (Lamiales) from the Municipality of Alta Floresta (Mato Grosso, Brazil),” co-supervised by Célia Regina Araújo Soares Lopes (Universidade Estadual do Estado do Mato Grosso) & Lúcia G. Lohmann (Universidade de São Paulo), April/2015 – January/2018 (Funding: CNPq).

Luiz Henrique Fonseca, Project: “Morphological phylogeny of *Dolichandra s.l.*” Febuary/2008 – December/2009 (Funding: CNPq).

Dayane Tarabay, Project: “Conservation priorities in the Atlantic Forest of Brazil: Examples from Bignonieae,” January/2008 – July/2009 (Funding: Mellon Foundation & FAPESP).

Melina Sakiyama, Project: “The role of biologists in environmental issues,” January/2007 – July/2008 (Funding: CNPq).

Alexandre Zuntini, Project: “Field-guide of the Linhares Biological Reserve” (Espírito Santo, Brazil): Bignoniaceae,” March/2005 – July/2008 (Funding: CNPq).

Maria Natália Umaña Medina, co-advised by Pablo Stevenson (Universidad de Los Andes) & Lúcia Lohmann (IB-USP), Project: “Effects of flower size on the pollination success of a species with mimetic pollination strategy (*Bignonia corymbosa*, Bignoniaceae),” January/2007 – May/2008.

TEACHING EXPERIENCE

Graduate Level Courses

“Neotropical Geology and Biodiversity,” co-taught by Drs. Lúcia G. Lohmann (University of São Paulo, Brazil) and Paul Fine (University of California-Berkeley, USA), at the University of California-Berkeley, Berkeley, California, USA. Winter/2018.

“Sustainability Science: Interactions between human and environmental systems,” a distributed course co-taught with Drs. Jeannine Cavander-Bares (University of Minnesota, USA), Steve Polasky (University of Minnesota, USA), Osvaldo Sala (Arizona State University, USA), Bill Turner (Arizona State University, USA), Patricia Balavanera (Universidad Autónoma de Mexico, Mexico), and Tuyeni Mwampamba (Universidad Autónoma de Mexico, Mexico) at the Universidade de São Paulo, SP, Brazil. Winter/2015.

“Next Generation Sequencing,” co-taught with Dr. Monica Carlsen (University of Missouri-Saint Louis), at the Universidade de São Paulo, SP, Brazil. Winter/2013, and Fall/2014.

“Flowering plants: Phylogeny, evolution & diversification,” co-taught with Dr. Peter F. Stevens (Missouri Botanical Garden), at the Universidade de São Paulo, SP, Brazil. May-June/2014.

“Molecular systematics, co-taught with Drs. Antonio Salatino (USP) & Benoit Loeuille (USP), Universidade de São Paulo, SP, Brazil. Fall/2004, Fall/2005, Winter/2007, Winter/2009, and Winter/2014.

“Comparative Methods,” taught at the Universidade Federal de Salvador (UFBA), Salvador, Bahia, Brazil, January/2007, and co-taught with R.C. Winkworth at the Universidade de São Paulo (USP), São Paulo, Brazil, August/2007.

“Biogeography of Vascular Plants,” co-taught with Dr. José Rubens Pirani, at the University of São Paulo, SP, Brazil, Fall/2005, Fall/2007, Winter/2009, Summer/2011, Winter/2013, and Winter/2016.

Guest lecturer at the course “Phylogeny, evolution and diversification of flowering plants,” taught by Dr. Peter Stevens, at the University of Missouri -St. Louis, Fall/2003.

Undergraduate Courses

“Flowering Plant Systematics,” with José Rubens Pirani & Renato Mello-Silva, at the University of São Paulo, SP, Brazil, Fall/2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, and 2016.

“Morphology of Vascular Plants,” with José Rubens Pirani, Gregório Ceccantini & Nanuza Menezes, at the University of São Paulo, SP, Brazil, Winter/2005, 2006, 2007, and 2008.

EVALUATION COMMITTEES

Professorship Positions [4]

Assistant Professor in “Ecology,” Department of Ecology, Institute of Biosciences, University of São Paulo, Brazil. August/2013.

Assistant Professor in “Molecular Ecology, Evolution and Conservation,” Department of Ecology, Universidade de São Paulo, Brazil. April/2010.

Assistant Professor in “Plant Systematics,” Department of Botany, Universidade de São Paulo – Ribeirão Preto (USP), Brazil. December/2007.

Assistant Professor in “Plant Phylogenetics,” Department of Botany, Universidade Federal do Paraná (UFPR), Brazil. June/2006.

Ph.D. Dissertations [25]

Sérgio Marques de Souza (Universidade de São Paulo). Dissertation: “Molecules, morphology and geology: A multi-disciplinary approach to understand the history of lizards of the genus *Loxopholis* (Squamata, Gymnophthalmidae) in Northern South America.” January/2017.

Jennifer Lopes (Universidade de São Paulo). Dissertation: “Phylogenomics, morphology and taxonomy of tribe Malmeeae (Malmeoideae, Annonaceae): Implications for the evolution of androdioecy.” September/2016.

Alexandre Rizzo Zuntini, (Universidade de São Paulo). Dissertation: “Taxonomic revision and phylogeny of *Bignonia* L. (Bignoniaceae, Bignoniaceae).” January/2015.

Maria Cláudia Melo Pacheco de Medeiros (Universidade de São Paulo). Dissertation: “Taxonomic revision, phylogeny and evolution of the ecological niche in *Tynanthus* Miers (Bignoniaceae, Bignoniaceae).” September/2014.

Vanessa Grazielle Staggemeier (Universidade Federal de Goiás). Dissertation: “Ecological and evolutionary studies in Myrtaceae, with an emphasis in fenology, distribution and diversity.” April/2014.

Maikel Reck Kortmann (Universidade Federal do Rio Grande do Sul). Dissertation: “Evolutionary history of *Petunia* Juss.” April/2014.

Vania Quibao Pretti (Universidade de São Paulo). Dissertation: “Genetic diversity in the Brazilian Atlantic Forest “Caixetais.” A phylogeographic approach *Tabebuia cassinoides*.” November/2012.

Mariane de Sousa-Baena (Universidade de São Paulo). Dissertation: “Evolution and development of tendrils in Bignoniaceae (Bignoniaceae).” September/2011.

Anselmo Nogueira (Universidade de São Paulo). Dissertation: “Evolution and ecology of trichomes in Bignoniaceae (Bignoniaceae): morphological structures of anti-herbivory defense?” November/2011.

Benoit Loeuille (Universidade de São Paulo). Dissertation: “Towards a phylogenetic classification of Lychnophorinae (Asteraceae: Vernoniaceae).” July/2011

Miriam Kaheler (Universidade de São Paulo). Dissertation: “Taxonomic revision, phylogeny, evolution, and Biogeography of *Lundia* DC. (Bignoniaceae, Bignoniaceae).” February/2011.

- Suzana Alcantara (Universidade de São Paulo). Dissertation: "Patterns of ecological and phylogenetic diversity in Bignoniaceae (Bignoniaceae): Morphological evolution and community structure," October/2011
- Marcelo Trovó (Universidade de São Paulo). Dissertation: "Systematics of Paepalanthoideae (Eriocaulaceae): Phylogeny, morphology, and taxonomy of *Diphyomene* (Ruhland) Trovó." April/2010.
- Alice Calvente (Universidade de São Paulo). Dissertation: "Molecular phylogeny, evolution and systematics *Rhipsalis* (Cacataceae)." April/2010.
- Fábio Pinheiro (Universidade de São Paulo). Dissertation: "Genetic structure of a natural hybrid zone between *Epidendrum fulgens* and *E. puniceoluteum* (Orchidaceae)." February/2010.
- Leonardo Versieux (Universidade de São Paulo). Dissertation: "Systematics, phylogeny, and morphology of *Alcantarea* (Bromeliaceae)." December/2009.
- Maria Fernanda Calió (Universidade de São Paulo). Dissertation: "Systematics of *Helieae* Gilg (Gentianaceae)." October/2009.
- Juliana Paula Souza (Universidade de São Paulo). Dissertation: "Phylogenetic studies on tribe *Violeae* and taxonomic revision of the Neotropical Lianescent genera of *Violaceae*." August/2009.
- Juliana Lovo (Universidade de São Paulo). Dissertation: "Phylogeny and taxonomic revision of *Pseudotrimezia* (Iridaceae)." August/2009.
- Érika Maria de Jesus (Universidade de São Paulo). Dissertation: "A study of two groups of transposons of sugar-cane from the superfamily hAT." June/2007.
- Lucimar Barbosa da Motta (Universidade de São Paulo). Dissertation: "Chemical and molecular aspects related to the phylogeny of *Camarea* (Malpighiaceae)." April/2007.
- Leticia Ribes de Lima (Universidade de São Paulo). Dissertation: "Taxonomic studies in *Croton* section *Lamprocroton* (Müll. Arg.) Pax (Euphorbiaceae)." September/2006.
- Mara Magenta (Universidade de São Paulo). Dissertation: "*Viguiera* Kunth (Asteraceae, Heliantheae) from South America and the systematics of the Brazilian species." March/2006.
- Samira Ismael Elias Rolim (Universidade de São Paulo). Dissertation: "Revision and redefinition of *Byrsonima* Rich. ex Kunth subg. *Macrozeugma* Neid. (Malpighiaceae)." March/2005.
- Milton Groppo Júnior (Universidade de São Paulo). Dissertation: "Phylogeny of Rutaceae and revision of *Hortia* Vand." November/2004.

Masters Theses [6]

- Luiz Henrique Martins Fonseca (Universidade de São Paulo). Thesis: "Phylogeny of *Dolichandra* s.l. (Bignoniaceae, Bignoniaceae)." November/2012.
- Flávio Gomes-Silva (Universidade de São Paulo). Thesis: "Evolution of mitedomatia in Bignoniaceae (Bignoniaceae)." November/2009.
- Beatriz Machado Gomes (Universidade de São Paulo). Thesis: "Revision of *Pleonotoma* Miers (Bignoniaceae, Bignoniaceae)." June/2006.
- Pedro Habibe (Universidade de São Paulo). Thesis: "Taxonomic studies on the tribe Tecomeae (Bignoniaceae Juss.) from the National Park Itatiaia, Itatiaia, RJ." March/2006.
- Márdel Miranda Mendes Lopes (Universidade de São Paulo). Thesis: "Bignoniaceae Juss. from a forest fragment in Viçosa, Minas Gerais: Floristics and ecological aspects." December/2005.
- Fábio Pinheiro (Universidade de São Paulo). Thesis: "Evaluation of the intra and inter-specific relationships of the complex *Epidendrum secundum* and related species (Orchidaceae) using AFLP." November/2005.

Qualifying Exams [25]

- Rebeca Gama (Universidade de São Paulo). Project: "Floral structure of *Guarea macrophylla* Vahl & *Trichilia claussoni* C. DC. (Meliaceae): Functional aspects and implications for the systematics and evolution of Sapindales." April/2017.
- Otávio Luis Marques da Silva (Instituto de Botânica de São Paulo). Project: "Taxonomic revision, phylogeny and biogeography of *Astraea Klotzsch* (Euphorbiaceae)." August/2016.
- Lilian Brito (Instituto de Botânica de São Paulo). Project: Systematics and biogeography of *Nycticalanthus* e *Spiranthera* (Rutaceae)." August/2016.
- Euder Glendes Andrade Martins (Universidade de São Paulo). Project: "Phylogeography and conservation of two Palm species endemic to the Atlanti Forest: *Syagrus botryophora* Mart. e *Syagrus pseudococos* (Raddi) Glassmann (Arecaceae)." June/2014.
- Caian Souza Gerolamo (Universidade de São Paulo). Project: "Impact of cambial variants in the growth, biomechanics, and conductivity of lianas (Bignoniaceae, Bignoniaceae) in a Central Amazonian terra firme forest." March/2014.
- Mariana Pereira Victório (Universidade de São Paulo). Project: "Cambial variants in roots of species of Bignoniaceae (Bignoniaceae)." March/2014.
- Mario Albino de Oliveira Neto (Universidade de São Paulo). Project: "Leaf ontogeny and molecular phylogeny of Didiereaceae: A study of primary homology within Portulacineae." September/2012.
- Beatriz Nogueira Torrano da Silva (Universidade de São Paulo). Project: "Taxonomy and phylogeny of subfamily Lithophylloideae in Brazil." April/2012.
- Gustavo Heiden, (Universidade de São Paulo). Project: "Systematics, evolution and biogeography of *Baccharis* subgenus *Trachonanthoides* (Asteraceae, Astereae), a group from South American Savannas." December/2010.
- Paulo Sergio Minatel Gonella Silva (Universidade de São Paulo). Project: "Taxonomic revision of the Brazilian *Drosera* L.: Tetraploid Clade." October/2010.
- Juliana Hanna Leite El Ottra (Universidade de São Paulo). Project: "Floral evolution and Systematics of *Glippeinae* (Rutaceae)." June/2010.
- Simone Vosgueritchian (Universidade de São Paulo). Project: "Restoration of biodiversity in Tropical Forests: Facing the roles of planting trees." December/2009.
- Emmanuelle da Silva Costa (Universidade de São Paulo). Project: "Using DNA Barcoding in Gracilariaceae (Gracilariales, Rhodophyta) do Brasil." September/2009.
- Flávio Macedo Alves (Universidade de São Paulo). Project: "Taxonomic revision of *Mezilaurus*, *Williamodendron*, *Sextonia*, *Anaueria* and *Chlorocardium*." April/2008.
- Maura Albergaria Pena (Universidade de São Paulo). Project: "Floristics of rocky outcrops at different altitudes at the Serra do Cipó (Minas Gerais, Brazil)." March/2007.
- Carolina Delfini Feliciano (Universidade de São Paulo). Project: "Flora de Minas Gerais: Begoniaceae." December/2006.
- Euder Glendes Andrade Martins (Universidade de São Paulo). Project: " Flora da Serra do Cipó, Minas Gerais: The Urticoid Clade (Ulmaceae, Cannabaceae, Moraceae e Urticaceae)." October/2006.
- Benoît Francis Patrice Loeuille (Universidade de São Paulo). Project: "Biodiversity in Central Brazil: Macroevolution in the genus *Eremanthus* (Asteraceae: Vernoniaceae)." September/2005.
- Juliane Karine Ishida (Universidade de São Paulo). Project: "Transcriptional studies of the retrotransposon *Retrolyc1* in cellular suspension of Tobacco and in tomato mutants Micro-Tom." August/2006.
- Ana Paula Savassi Coutinho (Universidade de São Paulo). Project: "Taxonomic revision of *Mimosa* L. sect. *Calothamnos* Barneby (Leguminosae-Mimosoideae)." February/2005.

Marina Blanco Cattai (Universidade de São Paulo). Project: "Tracheal elements in Velloziaceae: Characters, evolution and phylogeny." November/2005.

Juliana de Paula Souza (Universidade de São Paulo). Project: "Phylogenetic studies on the tribe Violeae (Violaceae) and taxonomic revision of the lianescent genera of the Neotropical Violaceae." September/2005.

Juliana Lovo (Universidade de São Paulo). Project: "Systematics of *Pseudotrimezia*, with an analyses of the tribe Trimeziaceae (Iridaceae)." March/2005.

Maria Fernanda Calió (Universidade de São Paulo). Project: "Studies in Helieae (Gentianaceae): Revision and phylogeny of the genera *Calolisianthus*, *Helia*, *Prepusa*, and *Senaea*." December/2004.

Leandro Assis (Universidade de São Paulo). Project: "Phylogeny and revision of the complex *Ocotea indecora* (Lauraceae)." December/2004.

REVIEWS FOR PEER-REVIEWED JOURNALS

Peer-Reviewed Journals

Reviews of manuscripts for the following journals: Acta Botânica Brasílica, Brazil (2007); Acta Botanica Venezuelica, Venezuela (Venezuela, 2007); Acta Botânica Mexicana, Mexico (2016); American Journal of Botany, USA (2004, 2006, 2010); Annales Botanici Fennici, Finland (2003, 2006); Annals of Botany (USA, 2008); Annals of the Missouri Botanical Garden, USA (1999-2006); Biotropica (USA, 2009, 2013, 2014); Bonplandia, Argentina (2006); Botanical Journal of the Linnean Society (London, 2007, 2016); British Biotechnology Journal (England, 2013); Brittonia, USA (2004, 2008); Canadian Journal of Botany (2006); Ecography, USA (2006); Evolution, USA (2005); International Journal of Plant Sciences, USA (2004 – 2005); Journal of Biogeography (USA, 2011, 2016), Journal of the Botanical Institute of Texas (EUA, 2008); Journal of Tropical Medicine, USA (2016); Kew Bulletin, England (2006, 2010); Molecular Biology and Evolution, USA (2000); Molecular Phylogenetics and Evolution, USA (2005); Novon, USA (2016); Revista Brasileira de Botânica, Brazil (2002, 2003); Rhodora (USA, 2008); Rodriguésia, Brazil (2005 – 2008); Sida, Contributions to Botany, USA (2005); Sitientibus, Série Ciências Biológicas, Brazil (2000, 2003 – 2004); Science (USA, 2008); Systematic Biology, USA (2006); Systematic Botany, USA (2002, 2005 – 2006);

Grant Reviews

Review of grant proposal for the Academy of Sciences of the Czech Republic, Czech Republic (2007); Botanical Society of America, USA (BSA, 2009 – 2010); Conselho Nacional de Apoio à Pesquisa, Brazil (CNPq, 2011 – 2017); Fundação de Amparo à Pesquisa do Estado de São Paulo, Brazil (FAPESP, 2006 – 2017); International Foundation for Science, USA (IFS, 2004); Leverhulme Trust, UK (2006); National Geographic Society, USA (NGS, 2007, 2011 – 2018); National Science Foundation, USA (NSF, 2006, 2009 – 2011); Universidad Nacional de Santander, Colombia (2006); Whitney R. Harris World Ecology Center, USA (2001 – 2003).

PUBLIC OUTREACH

Exhibits [1]

"Amazonia: Os novos viajantes," Art Science Exhibit, Museu Brasileiro de Escultura e Ecologia (MuBE), May-July/2018. See: <http://agencia.fapesp.br/amazonia-os-novos-viajantes/27775/>, <https://casavogue.globo.com/LazerCultura/Arte/noticia/2018/04/exposicao-em-sp-pensa-em-alternativas-para-salvar-amazonia.html>, <http://agencia.fapesp.br/artista-na-expedicao-biologo-no-museu/28056/>, <https://vogue.globo.com/lifestyle/cultura/noticia/2018/05/amazonia-mon-amour-mube-inaugura-expo-dedicada-maior-floresta-do-mundo.html>,

Video interviews and TV shows [4]

FAPESP (Brazil), webdocumentary on Amazonia, March/2017. See: <http://revistapesquisa.fapesp.br/2017/03/28/amazonia/?cat=dossie>.

Rede Globo TV, Globo Rural TV Show, "Tabebuia includes 100 species and is the most-popular ornamental trees in Brazil," by Nelson Araújo, January/2017. See: http://g1.globo.com/natureza/noticia/2017/01/ipe-tem-100-especies-e-e-arvore-ornamental-mais-plantada-no-brasil.html?utm_source=facebook&utm_campaign=gru&utm_medium=social

FAPESP (Brazil), Video on “Geogenomics,” July/2016. See: <http://revistapesquisa.fapesp.br/en/2016/07/01/geogenomics/>

Cultura TV Station (Brazil), TV show “The work of a taxonomist,” March/2007.

Interviews published in scientific journals, popular magazines and newspapers [35]

Nature, Spotlight: How science support São Paulo: Brazil's richest state has a long history of applied research. November/2018.
<https://www.nature.com/articles/d41586-018-07536-1>

FAPESP Magazine (Brazil), “Artists on an expedition, biologists in the Museum,” by Maria Guimarães. May/2018.
<http://revistapesquisa.fapesp.br/en/2018/11/27/artists-on-an-expedition-biologists-in-the-museum/>

Photo Gallery “In constant movement,” by Léo Chaves, January/2017. See: <http://revistapesquisa.fapesp.br/2017/01/02/sempre-em-movimento-2/>

FAPESP Magazine (Brazil), “Research project inventories lianas from Tropical forests,” by Noêmia Lopes. “November/2016

FAPESP Magazine (Brazil), “Seeking to understand the origin of the forest,” by Maria Guimarães, April/2016.
<http://revistapesquisa.fapesp.br/en/2016/08/22/seeking-to-understand-the-origin-of-the-forest/>

FAPESP Magazine (Brazil), “Between lianas and algae” as part of a special volume about “80th Anniversary of the University of São Paulo (USP): The strength of a beautiful history dedicated to the construction of knowledge,” December/2014.

“Folha de São Paulo” newspaper, article “Grey and pink São Paulo”, Fernanda Mena, October/2014.

Curie Magazine (Sweden), article “Scientific need makes research worthwhile,” Anders Nilsson, Abril/2014.

FAPESP Magazine (Brazil), article “A step forward,” Rodrigo de Oliveira Andrade, Fevereiro/2014.

Online blog “Casa da Lola... Mi casa! Su casa!,” article “*Tabebuia* flowers turn São Paulo colorful and announce the arrival of spring”, August/2013. <http://casadalola.wordpress.com/2013/08/27/lipes-colorem-sao-paulo-e-anunciam-a-primavera/>

Science Magazine (USA), article “Amazon in 4D, by Lizzi Wade, Science 341(6143), July/2013.

FAPESP Magazine (Brazil), article “Researchers detail project about the evolution of the Amazonian Biota,” by Frances Jones. March/2013.

FAPESP Magazine (Brazil), article “Amazon in the last 20 million years,” by Frances Jones, February/2013.

FAPESP Magazine (Brazil), article “Evolution written in lianas: Botanists use climbing plants to understand the origin of Brazilian forests” by Ricardo Zorzetto. October/2012. <http://revistapesquisa.fapesp.br/en/2013/05/06/evolution-written-in-lianas-2/>

Botanical Society of America (BSA, USA), “Member Spotlight,” August/2011.

USP’s Newsletter (Brazil), article “Brazilian species list” by Karin Salomão. June/2010.

FAPESP Magazine (Brazil), article “Evolution of Epiphytic Cacti” by Alex Sander Alcântara, March/2010.

Magazine “Recreio” (Brazil), article “Carnivorous Plants by Thereza Venturolli, November/2009.

Magazine of the Instituto Humanitas da UNISINOS (Rio Grande do Sul), article “Using neotropical lianas to understand the evolution of neotropical ecosystems,” September/2009.

FAPESP Magazine (Brazil), article “The Marburg Resolution,” by Heitor Shimizu, August 2009.

Magazine “Attitude” (Brazil), article “Biodiversity and preservation of the Brazilian Atlantic Forest,” by Francisco Noel, January/2008.

FAPESP Magazine (Brazil), “Textures of the Forest: Genetic Classification solves evolutionary mystery of lianas and might help protect tropical forests,” February/2007.

Newspaper "Jornal da Tarde" (Brazil), article "Unusual high temperatures confuse the flowering of *Tabebuia* in São Paulo," July/2006.

FAPESP Magazine (Brazil), article "Futuristic Taxonomy," July/2006.

Newspaper "Jornal Cosmo Brasileiro" (Brazil), article "Flora Brasileira On-line," July/2006.

Newspaper "Jornal da Ciência da SBPC" (Brazil), article "Digital sistem integrates information on the Brazilian Flora," July/2006.

Newspaper "Jornal da Ciência da SBPC" (Brazil), article "The largest Botanical reference, the Flora Brasiliensis of Von Martius, is modernized on its 100th anniversary," March/2006.

FAPESP Magazine (Brazil), "Flora Brasiliensis Revisited," March/2006.

Newspaper "Jornal da Ciência da SBPC" (Brazil), article "The beginning of a center for studies on the sustainable use of the biodiversity," January/2005,

FAPESP Magazine (Brazil), article "Flora of the São Paulo state" by Carlos Fioravante, June/2005.

Newspaper "Wall Street Journal, Washington DC." (USA), article about the "Vale do Rio Doce Biological Reserve" by Bob Davies, March/2005.

Newspaper "North County Journal, St. Louis" (USA), article "Science Education" by Joe Scott, June/2004.

Magazine "Family Circle: Easy Gardening (USA)," article "To the end of the Earth; Daring plant explorers brave the wilds to bring back what has been hidden in the mists of time," by Cynthia Van Hazinga, June/1999.

Magazine "Veja" (Brazil), article "Xenophobia in the forest: how the paranoia involving biopiracy is damaging scientific research with Brazilian species," August/1999.

Magazine "Globo Rural" (Brazil), article about "*Pyrostegia venusta* (Ker Gawl.) Miers (Bignoniaceae)," by Marcelo Delduque, July/1998.

Radio Interviews [9]

ABC National Radio (Australia), "Treasure houses: Money and Museums," within the program by Rchard Aedy, October/2018.
<http://www.abc.net.au/radionational/programs/themoney/treasure-houses-money-and-museums/10337928>

USP Radio Station, "Understanding the origin of tropical forests," withih the program "Scientific research in Brazil," by Maria Guimarães, April/2016.

USP Radio Station, "Paulo Vanzolini and the Amazonian biodiversity," withih the program "Scientific research in Brazil," by Fabrício Marques. May/2013.

USP Radio Station, "Amazonian Flora and Fauna," withih the program "Scientific research in Brazil," by Mariluce Moura. November/2012.

Nacional Radio of Quito (Ecuador), "Il World Summit on Evolution," Ilhas Galápagos, Ecuador, August/2009.

Eldorado Radio Station (Brazil), "Textures of the Forest: Genetic Classification solves evolutionary mystery of lianas and might help protect tropical forests," withih the program "Scientific research in Brazil," by Tauana Marin, July/2006.

Eldorado Radio Station (Brazil), "Flowering of *Tabebuia* in the State of São Paulo," July/2006.

Bandeirantes Radio Station, FM 90.9 (Brazil), "The Brazilian fruit Jabuticaba," December/2005.

KWMU, Public Radio, (USA), "Conservation Issues in Brazil," within the program "St. Louis in the air" by Greg Freeman, April/2002.

Outreach Talks [8]

"Amazonia: A Story of Evolution," Public Event: Sierra Club Dinners, Yatch Club, Berkeley, California, USA, May/2019.

"How the Amazon rainforest and its biodiversity evolved," Public Event: "Amazon, bring your wild," Conservatory of Flowers, Golden Gate Park, San Francisco, California, USA, May/2018.

"Mapping Biological Diversity to Inform Conservation Decisions: An example from Bignoniaceae," ICTE Development Board Meeting, Missouri Botanical Garden, St. Louis, Missouri, USA, June/2004.

"Practice of plant systematics" to undergraduate students from the "University of Wisconsin Botany Club," October/2003.

"Biodiversity in Brazil, Bignoniaceae and Conservation" for high school students, St. Louis, Missouri, USA, October/2001.

"Bignoniaceae & the Conservation of Tropical Biodiversity," Four Winds Garden Club, St. Louis, Missouri, USA, November/2000.

"The importance of international training and conservation," ICTE development board meeting, St. Louis, Missouri, USA, May/1999.

"Conservation issues in Brazilian Amazonia," 1998 Conservation Forum, St. Louis, Missouri, October/1998.



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Office of the Dean

5 February 2019

Dear Botanical Society of America Council,

I am pleased to nominate Dr. Jefferson Prado to be a Corresponding Member of the Botanical Society of America. Dr. Prado is a highly productive academic scientist and has become a leader in the field of fern and lycophyte systematics. In addition, he has become a prominent participant in international plant nomenclature.

I have attached two strong letters of support for this nomination from two recognized fern systematists, Dr. Alan Smith and Dr. Robbin Moran. Both agree that Dr. Prado well deserves to be recognized by BSA as a Corresponding Member. In addition, I append below a copy of Dr. Prado's short CV that summarizes his academic and scientific record.

Thank you for considering this nomination.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom A. Ranker".

Tom A. Ranker
Professor & Curator

2565 McCarthy Mall, Keller 201
Honolulu, Hawai'i 96822
Telephone: (808) 956-6451
Fax: (808) 956-9111
<http://www.hawaii.edu/natsci/>

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THE NEW YORK BOTANICAL GARDEN

2 February 2019

Selection Committee for Corresponding Members
Botanical Society of America

Dear BSA selection committee members:

I write this letter in support of Tom Ranker's nomination of Dr. Jefferson Prado to be a Corresponding Member of the Botanical Society of America. I know Jefferson well. Since 2005 he has come to NY about every two years to collaborate with me on various projects, and we have co-authored about 20 papers in refereed scientific journals. These papers include monographs of the Neotropical genera *Megalastrum* (92 spp), *Polystichopsis* (8 spp), and *Triplophyllum* (9 spp). We have also written an illustrated flora of Acre, Brazil (212 spp) and several proposals to amend the *Code*.

In my opinion, Jefferson is the preeminent pteridologist in Brazil. He has published many papers on the ferns and lycophytes of the country and been a mentor to many graduate students, several of who have gone on to focus on pteridology, such as Regina Hirai, Paulo Labiak, Fernando Matos, and Pedro Schwartzburd (all of these researchers now occupy research positions in Brazilian universities). His promotion of pteridology in Brazil and encouragement of students are outstanding.

Internationally, he is perhaps best known for his service on the Editorial Committee of the *International Code of Nomenclature for Algae, Fungi, and Plants*. He is an expert on the *Code* and regularly handles questions about nomenclature from colleagues around the world. He is also involved with the International Association of Plant Taxonomists and serves as nomenclature editor for *Taxon*. (As an aside, Jefferson always answers questions about the *Code* promptly, fully, and patiently. He is wonderful to deal with in this capacity. I never feel that I am burdening him when I send him questions.)

Jefferson's promotion of pteridology, contributions to the *Code*, training graduate students, and service to the international botanical community merit his election as a Corresponding member to the BSA. I strongly recommend him for this honor.

Sincerely

Robbin C. Moran, Ph.D.
Nathaniel Lord Britton Curator of Botany
rmoran@nybg.org



Tom A. Ranker <tom.ranker@gmail.com>

BSA Corresponding Member nomination for Jefferson Prado

Alan R. SMITH <arsmith@berkeley.edu>
To: Tom Ranker <ranker@hawaii.edu>

Mon, Feb 4, 2019 at 4:21 PM

4 Feb 2019

To: Dr. Tom Ranker
Re: Nomination of Jefferson Prado as a Corresponding Member of BSA

Dear Tom,

I enthusiastically support the nomination of Jefferson Prado as a Corresponding Member of the Botanical Society of America. I have known Jefferson for more than 25 years, corresponded with him, talked with him at international meetings, done reviews (primarily for Taxon) at his request, coauthored at least a half dozen papers with him, and observed how heavily he is involved, as a member of IAPT, with the Nomenclatural Committee. I know that he spends countless hours, often at home, dealing with these duties, which he has willingly assumed, especially as a member of the General Committee for Nomenclature and as an Editor of the three most recent editions of the International Code of Botanical Nomenclature. He also serves as an Editor of several other journals, including Fern Gazette, Lilloa, and Darwiniana. His collaborations and interaction with colleagues around the world are non-stop. He responds to e-mails and requests for information from other fern enthusiasts usually on the same day, even though the demands on his time must be considerable.

From personal interactions, I know Jefferson's passion for ferns is intense, similar to my own. His publication record exceeds that of most of his colleagues. He has mentored many outstanding students in Brazil (e.g., Paulo Labiak, Regina Hirai) and continues to collaborate with them and with many other pteridologists. Not only has he published many papers on

Brazilian and South American ferns, he has involved himself on fern projects in many countries outside S. America (e.g., pteridophyte flora of China). He was a key member of the multi-authored work PPG I (2016), the Pteridophyte Phylogeny Group, which published a new and updated classification of ferns and lycophytes, in collaboration with pteridologists around the world. His expertise also includes, especially, systematic work on *Adiantum* and *Pteris*, and he is the authority on Brazilian ferns, which comprise the largest fern and lycophyte flora of any country in the Neotropics.

I think his reputation among colleagues, both those working with ferns and also angiosperms, is impeccable, worthy of recognition, and will be a credit to BSA. Two words describe him perfectly: collegial and hard-working.

Sincerely yours,

Alan R. Smith, Research Botanist, Emeritus
University of California, Berkeley

[Quoted text hidden]

CURRICULUM VITAE

Dr. Jefferson Prado

Instituto de Botânica, Herbário SP, São Paulo, SP, Brazil

Telephone: (55) 11 5067 6088

e-mail: jprado.01@uol.com.br

Personal: Born 8th April 1964. Belém, PA, Brazil.

Education: - State University “Júlio de Mesquita Filho”, São José do Rio Preto (UNESP), SP, Brasil (1983–1986):
Degree: Biologist.
- University of São Paulo (USP), Brasil (1987–1989): MSc: Os representantes da família Pteridaceae, Subfamília Cheilanthoideae (Div. Pteridophyta) ocorrentes nos Campos Rupestres da Cadeia do Espinhaço no Estado de Minas Gerais, Brasil.
- University of São Paulo (USP), Brasil (1989–1993): PhD: Revisão taxonômica de *Pteris* L. (Pteridaceae) no Brasil.

Professional Experience:

Academic Positions: - Teacher at Federal University of Paraná (9/1991–7/1994).
- Researcher at Institute of Botany of São Paulo (7/1994–).
- Honorary Research Associate, The New York Botanical Garden, Institute of Systematic Botany, New York, USA (4/2008–).
- Adjunct Faculty of University of Carolina Wilmington, North Carolina, USA (4/2012–2014).
- Professor and Master and PhD Advisor at University of São Paulo (7/1997–).
- Elected Member of the Academy of Science of São Paulo State (2017).

Administrative Positions:

- Vice-Coordinator of the Botanical Graduate Course at Federal University of Paraná (9/1993–7/1994).
- Treasurer of the Asociación Latinoamericana de Pteridología – ALB (10/1994–10/1998).
- President of the Asociación Latinoamericana de Pteridología – ALB (12/1999–10/2002) (12/2002–7/2018).
- Member of the Committee of the Sociedade Botânica de São Paulo – SBSP (1/1995–1/1996), (1/1997–1/2000).
- Vice-President of the Sociedade Botânica de São Paulo – SBSP (1/2001–1/2003).
- Chief of the Briology and Pteridology Section of the Institute of Botany (5/1995–9/1999), (3/2000–11/2001).
- Chief of the Herbarium Section of the Institute of Botany (2/2004–8/2004).
- Director Substitute of the Communication Technique-Scientific Service of the Institute of Botany of São Paulo (12/1995–12/1999), (5/2002–2/2004).
- Director Substitute of the Fitotaxonomy Division (DF) of the Institute of Botany of São Paulo (4/1996–5/1999), (10/2000–1/2003), and (1/2005–9/2005).
- Director of the Fitotaxonomy Division (DF) of the Institute of Botany of São Paulo (8/2004–1/2005).
- Curator of Lycophytes and Ferns of the SP Herbarium (1/1999–).
- Chairman of the IAPT Research Grants Committee (8/2003–7/2005); Member of the Research Grants Committee (2017–).
- Member of the Committee of Biological Sciences I, FAPESP (9/2009–7/2018).
- Member of the Botany Advisory Committee of CNPq (12/2012–11/2015).
- Vice-President of Botanical Society of Brazil (1/2019–).
- Chair of the Stafleu subcommittee for the Honors Committee of IAPT (10/2017–).

Affiliation - Professional Societies:

- Sociedade Botânica do Brasil – SBB (since 1986).
- Asociación Latinoamericana de Botánica – ALB (since 1991).
- American Fern Society – AFS (since 1992).
- British Fern Society (since 1992).
- Sociedade Botânica de São Paulo (since 1994).
- Asociación Latinoamericana de Pteridología (since 1994).
- The International Association of Pteridologists (since 1995).

- International Association for Plant Taxonomy (since 1996).

Committee Member for Nomenclature:

- Member of the Permanent Committee for Vascular Plants of IAPT (7/2005–7/2017).
- Member of the Editorial Committee of the International Code of Botanical Nomenclature (Vienna Code, 2006).
- Member of the Editorial Committee of the International Code of Nomenclature for Algae, Fungi, and Plants (Melbourne Code, 2012).
- Member of the Editorial Committee of the International Code of Nomenclature for Algae, Fungi, and Plants (Shenzhen Code, 2018).
- Member of the Permanent Committee - General Committee of Nomenclature of IAPT (7/2017–).

Editorial Boarding:

- Editor-in-Chief of *Acta Botanica Brasilica* (1/1999–1/2000).
- Associate Editor of *Boletín de la Sociedad Argentina de Botánica* (2000–).
- Editor-in-Chief of *Revista Brasileira de Botânica* (now, *Brazilian Journal of Botany*) (1/2002–1/2003).
- Editor-in-Chief of *Boletim do Instituto de Botânica* (1/2001–12/2003).
- Associate Editor for a special issue (Flora of Brazil) of *Rodriguésia* (2009–2010).
- Associate Editor of *Lilloa* (2011–).
- Associate Editor of *PhytoKeys* (2014–2016).
- Associate Editor of *Biodiversity and Conservation* (2013–2017).
- Associate Editor of *Fern Gazette* (2013–).
- Associate Editor of *Darwiniana* (2013–).
- Nomenclature Editor of *TAXON* (10/2014–).

Research Interests:

Taxonomy and Phylogeny of Ferns; Pteridofloras in Brazil, Bolivia, and China.
Botanical Nomenclature

Publications and supervised students	Nº
1 – Books	4
2 – Articles	212 (+ 3 submitted)
3 – Book chapters	36
4 – Translations (English – Portuguese)	7
5 – Master thesis supervised	13
6 – Doctoral dissertations supervised	6

List of Selected Publications:

1 – Thomson, S.A., Pyle, R.L., Ah Yong, S., Alonso-Zarazaga, M., Ammirati, J., Araya, J.F., Ascher, J.S., Audisio, T.L., Azevedo-Santos, V.M., Bailly, N., Baker, W.J., Balke, M., Barclay, M.V.L., Barrett, R.L., Benine, R.C., Bickerstaff, J.R.M., Bouchard, P., Bour, R., Bourgoïn, T., Boyko, C.B., Breure, A.S.H., Brothers, D.J., Byng, J.W., Campbell, D., Ceriaco L.M.P., Cernák, I., Cerretti, P., Chnag, C.-H., Cho, S., Copus, J.M., Costello, M.J., Cseh, A., Csuzdi, C., Culham, A., D'Elia, G., d'Acoz, C.D., Daneliya, M.E., Dekker, R., Dickinson, E.C., Dickinson, T.A., van Dijk, P.P., Dijkstra, K.B., Dima, B., Dmitriev, D.A., Duistermaat, L., Dumbacher, J.P., Eiserhardt, W.L., Ekrem, T., Evenhuis, N.L., Faille, A., Fernández-Triana, J.L., Fiesler, E., Fishbein, M., Fordham, B.G., Freitas, A.V.L., Friol, N.R., Fritz, U., Frøslev, T., Funk, V.A., Gaimari, S.D., Garbino, G.S.T., Garraffoni, A.R.S., Geml, J., Gill, A.C., Gray, A., Greenslade, P., Gutiérrez, E.E., Grazziotin, F.G., Harvey, M.S., Hazevoet, C.J., He, K., He, X., Helfer, S., Helgen, K.M., van Heteren, A. H., Garcia, F.H., Holstein, N., Horváth, M.K., Hovenkamp, P.H., Hwang, W.S., Hyvönen, J., Islam, M.B., Iverson, J.B., Ivie, M.A., Jaafar, Z., Jackson, M.D., Jayat, J.P., Johnson, N.F., Kaiser, H., Klitgård, B.B., Knapp, D.G., Kojima, J.-I., Köljalg, U., Kotschán, J., Krell, F.-T., Krisai-Greilhuber, I., Kullander, S., Latella, L., Lattke, J.E., Lencioni, V., Lewis, G.P., Lhano, M.G., Lujan, N.K., Luksenburg, J.A., Mariaux, J., Marinho-Filho, J., Marshall, C.J., Mate, J.F., McDonough, M.M., Michel, E., Miranda, V.F.O., Mitroiu, M.-D., Molinari, J., Monks, S., Moore, A.J., Moratelli, R., Murányi, D., Nakano, T., Nikolaeva, S., Noyes, J., Ohl, M., Oleas, N.H., Orrell, T., Páll-Gergely, B., Pape, T., Papp, V., Parenti, L.R., Patterson, D., Pavlinov, I.Y., Pine, R.H., Poczai, P., **Prado, J.**, Prathapan,

- D., Rabeler, R.K., Randall, J.E., Rheindt, F.E., Rhodin, A.G.J., Rodríguez, S.M., Rogers, D.C., Roque, F.O., Rowe, K.C., Ruedas, L.A., Salazar-Bravo, J., Salvador, R.B., Sangster, G., Sarmiento, C.E., Schigel, D.S., Schmidt, S., Schueler, F.W., Segers, H., Snow, N., Souza-Dias, P.G.B., Stals, R., Stenroos, S., Stone, R.D., Sturm, C.F., Stys, P., Teta, P., Thomas, D.C., Timm, R.M., Tindall, B.J., Todd, J.A., Triebel, D., Valdecasas, A.G., Vizzini, A., Vorontsova, M.S., Vos, J.M., Wagner, P., Watling, L., Weakley, A., Welter-Schultes, F., Whitmore, D., Wilding, N., Will, K., Williams, J., Wilson, K., Winston, J.E., Wü Yanega, D., Yeates, D.K., Zaher, H., Zhang, G., Zhang, Z.-Q. & Zhou, H.-Z. 2018. Taxonomy based on science is necessary for global conservation. **Plos Biology** v. 16, p. e2005075.
- 2 – Turland, N.J., Wiersema, J.E.H., Barrie, F.R., Greuter, W., Hawksworth, D., Herendeen, P.S., Knapp, S., Kusber, W.-H., Li, D., Marhold, K., May, T.W., McNeill, J., Monro, A.M., **Prado, J.**, Price, M. & Smith, G.F. 2018. International Code of Nomenclature for Algae, Fungi, and Plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017. **Regnum Vegetabile** 159: 1–254.
- 3 – Huiet, L., Li, F.-W., Kao, T.-T., **Prado, J.**, Smith, A.R., Schuettpelz, E. & Pryer, K.M. 2018. A worldwide phylogeny of (Pteridaceae) reveals remarkable convergent evolution in leaf blade architecture. **Taxon** 67: 488–502.
- 4 – BFG -The Brazil Flora Group, **Prado, J.** 2018. Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). **Rodriguésia** 69: 1513–1527.
- 5 – Zuquim, G., Tuomisto, H. & **Prado, J.** 2017. A free-access online key to identify Amazonian ferns. **PhytoKeys** 78: 1–15.
- 6 – Kessler, M., Smith, A.R. & **Prado, J.** 2017. Prodrum of a fern flora for Bolivia. XXVII. Pteridaceae. **Phytotaxa** 332: 201–250.
- 7 – Bauret, L., Rouhan, G., Hirai, R.Y., Perrie, L., **Prado, J.**, Salino, A., Senterre, B., Shepherd, L., Sundue, M.A., Selosse, M. & Gaudeul, M. 2017. Molecular data, based on an exhaustive species sampling of the fern genus *Rumohra* (Dryopteridaceae), reveal a biogeographical history mostly shaped by dispersal and several cryptic species in the widely distributed *Rumohra adiantiformis*. **Botanical Journal of the Linnean Society** 185: 463–481.
- 8 – **Prado, J.**, Hirai, R.Y. & Moran, R.C. 2017. Fern and lycophyte flora of Acre state, Brazil. **Biota Neotropica** v. 17, p. e20170369.
- 9 – **Prado, J.** & Moran, R.C. 2016. Monograph of the West Indian fern genus *Polystichopsis* (Dryopteridaceae). **Brittonia** 68: 1–24.
- 10 – Hirai, R.Y., Schuettpelz, E., Huiet, L., Pryer, K.M., Smith, A.R. & **Prado, J.** Phylogeny and relationships of the neotropical *Adiantum raddianum* group (Pteridaceae). **Taxon** 65: 1225–1235.
- 11 – PPG I. 2016. A community-derived classification for extant lycophytes and ferns. **Journal of Systematics and Evolution** 54: 563–603.
- 12 – Lehtonen, S., Jones, M.M., Zuquim, G., **Prado, J.** & Tuomisto, H. 2015. Phylogenetic relatedness within Neotropical fern communities increases with soil fertility. **Global Ecology and Biogeography** 24: 695–705.
- 13 – **Prado, J.**, Hirai, R.Y. & Moran, R.C. 2015. (046-048) Proposals concerning inadvertent lectotypifications (and neotypifications). **Taxon** 64: 651–651.
- 14 – Zhang, L., Rothfels, C.J., Ebihara, A., Schuettpelz, E., Le Péchon, T., Kamau, P., He, H., Zhou, X.-M., **Prado, J.**, Field, A., Yatskievych, G., Gao, X.-F. & Zhang, L.-B. 2015. A global plastid phylogeny of the brake fern genus (Pteridaceae) and related genera in the Pteridoideae. **Cladistics** 31: 406–423.
- 15 – **Prado, J.**, Sylvestre, L.S., Labiak, P.H., Windisch, P.G., Salino, A., Barros, I.C.L., Hirai, R.Y., Almeida, T.E., Santiago, A.C.P., Kieling-Rubio, M.A., Pereira, A.F.N., Oellgaard, B., Ramos, C.G.V., Mickel, J.T., Dittrich, V.A., Mynssen C.M., Schwartsburd, P.B., Condack, J.P.S., Pereira, J.B.S. & Matos, F.B. 2015. Diversity of ferns and lycophytes in Brazil. **Rodriguésia** 66: 1073–1083.
- 16 – Cochran, A.T., **Prado, J.** & Schuettpelz, E. 2014. *Tryonia*, a new taenitidoid fern genus segregated from *Jamesonia* and *Eriosorus* (Pteridaceae). **PhytoKeys** 35: 23–43.

- 17 – Sundue, M.A., Parris, B.S., Ranker, T.A., Smith, A.R., Fujimoto, E.L., Zamora-Crosby, D., Morden, C.W., Chiou, W.-L., Chen, C.-W., Rouhan, G., Hirai, R.Y. & **Prado, J.** 2014. Global phylogeny and biogeography of grammitid ferns (Polypodiaceae). **Molecular Phylogenetics and Evolution** 81: 195–206.
- 18 – Zuquim, G., Tuomisto, H., Jones, M.M., **Prado, J.**, Figueiredo, F.O.G., Molatlet, G.M., Costa, F.R.C., Quesada, C.A. & Emilio, T. 2014. Predicting environmental gradients with fern species composition in Brazilian Amazonia. **Journal of Vegetation Science** 25: 1195–1207.
- 19 – Hirai, R.Y. & **Prado, J.** 2012. Monograph of *Moranopteris* (Polypodiaceae). **Pteridologia** 4: 1–113.
- 20 – Pirani, J.R. & **Prado, J.** 2012. Embryopsida, a new name for the class of land plants. **Taxon** 61: 1096–1098.
- 21 – McNeill, J., Barrie, F.R., Buck, W.R., Demoulin, V., Greuter, W., Hawksworth, D., Herendeen, P.S., Knapp, S., Marhold, K., **Prado, J.**, Prud'homme van Reine, W.F., Smith, G.F., Wiersema, J.E.H. & Turland, N.J. 2012. International Code of nomenclature for algae, fungi, and plants (Melbourne Code): Adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011. **Regnum Vegetabile** 154: 1–240.
- 22 – Forzza, R.C., Baumgratz, J.F., Bicudo, C.E.M., Canhos, D.A.L., Carvalho, A.A., Coelho, M.A.N., Costa, A.F., Costa, D.P., Hopkins, M.G., Leitman, P.M., Lohmann, L.G., Lughadha, E.N., Maia, L.C., Martinelli, G., Menezes, M., Peixoto, A.L., Pirani, J.R., **Prado, J.**, Queiroz, L.P., Souza, S., Souza, V.C., Stehmann, J.R., Sylvestre, L.S. & Walter, B.M.T. 2012. New Brazilian Floristic List Highlights Conservation Challenges. **Bioscience** 62: 39–45.
- 23 – Zuquim, G., Tuomisto, H., Costa, F.R.C., Costa, F.R.C., **Prado, J.**, Magnusson, W.E., Pimentel, T., Braga-Neto, R. & Figueiredo, F.O.G. 2012. Broad scale distribution of ferns and lycophytes along environmental gradients in Central and Northern Amazonia, Brazil. **Biotropica** 44: 752–762.
- 24 – Hirai, R.Y., Rouhan, G., Labiak, P.H., Ranker, T.A. & **Prado, J.** 2011. *Moranopteris*: A new Neotropical genus of grammitid ferns (Polypodiaceae) segregated from Asian *Micropolypodium*. **Taxon** 60: 1123–1137.
- 25 – Silva, G.B., Ionashiro, M., Carrara, T.B., Crivellari, A.C., Tiné, M.A.S., **Prado, J.**, Carpita, N.C. & Buckeridge, M.S. 2011. Cell wall polysaccharides from fern leaves: Evidence for a mannan-rich Type III cell wall in *Adiantum raddianum*. **Phytochemistry** 72: 2352–2360.
- 26 – Moran, R.C. & **Prado, J.** 2010. *Megalastrum* (Dryopteridaceae) in Central America. **Kew Bulletin** 65: 137–188.
- 27 – Moran, R.C., **Prado, J.** & Labiak, P.H. 2009. *Megalastrum* (Dryopteridaceae) in the West Indies. **Brittonia** 61: 273–292.
- 28 – Zuquim, G., Costa, F.R.C., **Prado, J.** & Braga-Neto, R. 2009. Distribution of pteridophyte communities along environmental gradients in Central Amazonia, Brazil. **Biodiversity and Conservation** 18: 151–166.
- 29 – McNeill, J., Barrie, F.R., Burdet, H.M., Demoulin, V., Hawksworth, D., Marhold, K., Nicolson, D.H., **Prado, J.**, Silva, P.C., Skog, J.E., Wiersema, J.E.H. & Turland, N.J. 2006. International code of botanical nomenclature (Vienna Code): Adopted by the Seventeenth International Botanical Congress Vienna, Austria, July 2005. **Regnum Vegetabile** 146: 1–568.
- 30 – Paciencia, M.L.B. & **Prado, J.** 2005. Effects of forest fragmentation on pteridophyte diversity in a tropical rain forest in Brazil. **Plant Ecology** 180: 87–104.

São Paulo, 11th January 2019.

Dr. Jefferson Prado

25 February 2019

Dear Members of the Awards Committee,

I would like to nominate Dr. Victor Rico-Gray as a Corresponding Member of the Botanical Society of America. He is a colleague and friend of many years, a stellar scientist, an excellent teacher, and great research mentor. Victor has achieved a great deal in our field, and I feel he is very worthy of this honor.

Born in Mexico, Victor Rico-Gray came to the U.S. to study for his doctorate under the direction of Dr. Leonard Thien at Tulane University. Training with this pollination biologist who is best known for his work with the reproduction of *Magnolia* and other basal angiosperms, Victor studied the many animal/plant interactions of orchids (at that time called *Schomburgkia*, now *Myrmecophila tibicinus*). These orchids have hollow pseudobulbs that become homes for ants, who in turn protect the plants against herbivores; these were the first of Victor's published works that I read. Victor and I first met at the Ant/Plant Interactions meeting held in Oxford, UK in 1987 or 1988, from which our works from the symposium were gathered into a book (*Ant-Plant Interactions*, edited by Camilla Huxley and David Cutler, published 1991, Oxford University Press).

When I had the opportunity to take my first sabbatical, I applied for a Fulbright Hayes grant to work with Dr. Rico-Gray in Mexico, and did so in 1994. With him as an interactions expert, an Investigator Titular at the Instituto de Ecologia in Xalapa, and his wife Monica Palacios-Rios an expert in ferns there, it was a perfect place for me to study ferns with nectaries and their interactions with herbivores and ants. The work done there we published in *AJB* in 1998, and Victor visited us in Miami for research collaboration. Two other dear colleagues from INECOL also came for some sabbatical time in Miami, Dra. Guadalupe Williams-Linera, and Dr. Jose Garcia-Franco, to whom Victor had introduced me as collaborators before I arrived in Xalapa the first time, and with whom I continue to interact.

Victor has mentored many students, both men and women, at undergraduate and graduate levels. He has been especially supportive of under-represented minority students, and is a true STEMInist, feeling that equal representation is desirable in academia as it is in other areas of life. I served on a number of Master's and PhD committees of his students, some of whom have joined me in support of this nomination (Dra. Cecilia Diaz-Castelazo, and Dra. Mariana

**Department of Biological Sciences (OE167) • 11200 SW 8th St. • Miami, FL 33199 USA
(305) 348-2201 • FAX (305) 348-1986**

Cuautle). Perhaps the best experience of all was that one of the undergraduates I met from his lab, Yuria Cardel, came to FIU as one of my own PhD students, completing her PhD in 2004, after which she married a fellow grad student from Miami and became one of the most successful high school teachers in Miami. Yuria's acceptance in our graduate program here was easy, as she had published a paper in Conservation Biology (as first author, with Victor) before graduating in Mexico! He has always done a great deal to support his students, making sure they publish, get good connections and collaborations, and continuing to collaborate with them on new things. Dra. Diaz-Castelazo is now one of the foremost experts on using network analyses in studies of ecological communities, thanks to Victor's foresight in her early collaborations and training in that area. He encouraged Dr. Cuautle to become a postdoc with Dr. John Thompson, and she spent several years in the U.S. before returning to Mexico, where she is now a professor at the Universidad de Puebla.

Receiving a second Fulbright many years later, I returned to collaborate with Victor in 2009. At that time he was the head of Ecologia Vegetal (Plant Ecology), and INECOL was just re-organizing into 'reds' ("networks", in Spanish). I brought my family with me, and we lived in the beautiful village of Coatepec (designated a "pueblo magico" by the Mexico Tourism board), where Victor and his family also live. It was a wonderful time for all of us, meeting more of their friends, and we studied another fern in which Monica had noticed nectaries. We published the results of that work in the Annals of Botany in 2013. We returned to Mexico for a visit over spring break a few years later, and found that Victor is now at the Universidad Veracruzana, as a distinguished researcher. The CV I am submitting for him is one I obtained from his current administrative assistant, and details his accomplishments over the last five years. It is in Spanish, but I think it demonstrates that he is still very active in research. I also attach an earlier CV I have from him, also in Spanish, received in 2015. I hope these will serve their purpose, but if you would like them translated just let me know!

Thank you for your consideration of this nomination. Best wishes on your deliberations.

Sincerely,



Suzanne Koptur
Professor of Biology and Co-Director
Quantifying Biology in the Classroom
<http://www.fiu.edu/~kopturs>
phone: 305-348-3103
email: kopturs@fiu.edu



602 Arabella St.
New Orleans, LA 70115
February 23, 2019

Botanical Society of America Council
4475 Castleman Avenue,
St. Louis, MO 63110

Dear Colleagues and Friends,

I am writing to support the nomination of Dr. Victor Rico Gray as a corresponding member of the Botanical Society of America. I have known Dr. Rico Gray since 1983 when we were both graduate students at Tulane University with advisor Dr. Leonard Thien, and we have collaborated on research.

Dr. Rico Gray is a prominent senior scientist at the Instituto de Neuroetología-Universidad Veracruzana, Xalapa 91190, Mexico. He has made exceptional contributions to plant science. He has published numerous articles on plant-ant relations and has published a book on the ecology and evolution of ant-plant interactions with Dr. Paulo Oliveira. Dr. Rico Gray has collaborated with numerous scientists from other countries including Dr. John Thompson, Ecology and Evolutionary Biology Dept., University of California, Santa Cruz, Dr. Pedro Jordano, Professor of Research, Estación Biológica de Doñana, CSIC, Spain, Dr. Paulo Oliveira, Departamento de Biología Animal, Universidade Estadual de Campinas, Brazil, Dr. Carlos Herrera, Estación Biológica de Doñana, CSIC, Spain, Professor Emeritus Dr. Shoichi Kawano, Kyoto University, Japan. Dr. Rico Gray has assisted me and other scientists from the United States and other countries in carrying out research in Mexico. When he was chair of the Departamento de Ecología Vegetal, Instituto de Ecología, Xalapa, Veracruz, he instituted a program where scientists from other countries were invited to the Institute for several months at a time to collaborate with scientists at the Institute.

I think Dr. Rico Gray would be an excellent corresponding member of the Botanical Society of America.

Sincerely,

Margaret Devall

Margaret Devall, Emerita Plant Ecologist
Center for Bottomland Hardwoods Research,
Stoneville, MS

To whom it may concern:

My name is Mariana Cuautle, I am full time professor at the Universidad de las Américas Puebla, I teach ecology and botany. This letter is in support of Ph. D. Víctor Rico Gray nomination as **Corresponding Member of the Botanical Society of America**. I know Víctor Rico since 1992, he was my bachelor and doctoral thesis advisor. I think that Víctor Rico deserves this nomination, because he is one of the most prepared person in the ecology field, his trajectory is vast and this can be seen in his designation as SNI III (National Research System), which is the highest level in the research system in Mexico. But more important than this is the recognition that Victor has of all the students that he has formed, including me, at bachelor, master and doctoral levels. All of his students can say only great things about him, he was not just a great thesis advisor, but he inspired us to do our best in ecology field research. Personally, I can say that the best part of my academic life was near him, because I learnt a lot and I could have the experience of free researching, asking questions without limits and going the farthest away in my research area, which is plant-insect interactions. As thesis advisor he gave us all the help for reaching our dreams. Víctor has a great knowledge and passion for the plants, when he teaches ecology he is also teaching Botany. When we were walking a field transect, Víctor always taught us about the plants of the community and recalled us the importance of them in the ecology of plant-insect interactions and in general. For Víctor, was very important that their students were the best, but most important to give us the better opportunities, and he always introduce us with his research friends, so we can take the opportunities that these links could bring to our lives, as research stays and doctoral or postdoctoral opportunities. Víctor is a visionary, although there are many excellent researches, few researches can see through the future. Víctor has always been in advance to others in his field, and thanks to his vision, I can say that plant-animal interactions research in Mexico is in vanguard. His vision of plant-animal interactions has caused him some troubles, because sometimes his vision was not understood by everybody, but this has never stopped him.

I have met a lot of researches in my life, and some of them are worthy of admiration, but no one as Víctor. The best part of Víctor is his human side, no other person is so kind, honest, friendly and full of music as him. To be near him is to enjoy biology. I am pretty sure that you will find in Victor a meritorious person of this nomination.

Best regards



Mariana Cuautle

Full time professor

Universidad de las Américas Puebla

Tel: +52 (222) 229 2414, E mail: mariana.cuautle@udlap.mx

Fundación Universidad de las Américas Puebla

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Conmutador +52 (222) 229 22 75 • 01 800 22 77 400

www.udlap.mx

Xalapa, Veracruz, February 20th, 2019.

To: Whom it may concern, **Botanical Society of America**.

Issue: **Support letter for nomination as Corresponding Member of the BSA.**

Receive my best regards. By this mean I gladly recommend **Dr. Victor Rico-Gray** as a candidate suitable for nomination as a Corresponding Member of the Botanical Society of America.

Dr. Rico-Gray is a prestigious researcher in botany and ecology with an internationally well-recognized forty-year research trajectory. He works as a Main Researcher at Universidad Veracruzana (Instituto de Neuroetología) in Xalapa, Veracruz, Mexico, and has a continuously productive career with around 200 internationally-recognized scientific publications as well as many projects.

Dr. Rico-Gray have also a solid professor/advisor trajectory, being professor/lecturer of around 50 courses and training many students, graduate and undergrad, who have gone on to pursue PhDs in various places. He directed around 30 students, myself one of them, since he was my PhD thesis advisor (in 2005). Since I met him in 1994, I could experience and witnessed his commitment forming students and human resources, encouraging their careers internationally, conserving the same values and standards as his.

Derived from his research and professor trajectory, Dr. Rico-Gray have received distinctions such as "Level III National Researcher" awarded by the National System of Reserachers (SNI) in Mexico (CONACyT); "Desirable Professor Profile" by Universidad Veracruzana in Mexico; "Honorific Researcher" at the University of Alicante (CIBIO) in Spain; obtained "The George Henry Penn Memorial Award" in the Department of Biology at Tulane University in USA; obtained an "Award in Tropical Botany" by The Garden Club of America in USA; and his research was mentioned as "Remarkable" in the Yearbook of Science (1991)".

Among his contributions to botany I consider as relevant aspects his floristic and ecological studies of tropical ecosystems of Mexico, such as tropical dry forests, mangrove forests and coastal dune vegetation. He has also ethnobotanical and conservation studies in floras such as the Yucatan Peninsula.

But the most relevant aspect is the pioneer role he had opening in Mexico the study of ant-plant interactions, and internationally he is an authority in long-term studies of ant-plant interactions, with a community-level approach considering their function and temporal dynamics. He edited an international book in Ant-Plant interactions with Dr. Paulo S. Oliveira and participated in several book chapters and numerous papers in the topic. Furthermore, all his studies in ant-plant interactions laid the foundation for the study of ecological networks, a topic Dr. Rico-Gray and me are continuously addressing, considering resilience to disturbance and aiming to the function and conservation of tropical ecosystems.

Dr. Rico-Gray has many collaborations with international colleagues, since he organized several academic forums and hosted colleagues for paired projects, including Dr. John N. Thompson (University of California, USA), Dr. Suzanne Koptur (Florida International University, USA), Dr. Paulo S. Oliveira (Universidade Estadual de Campinas, BR), Dr. Eduardo Galante and Dra. María Ángeles Marcos (Universidad de Alicante, SP), Dr. Pedro Jordano (Estación Biológica de Doñana, Sevilla, SP), Dr. Paulo R. Guimaraes Jr. (Universidade de Sao Paulo, BR), Dr. Nathaniel Holland (University of Arizona, USA), Dr. Carlos Herrera (Estación Biológica de Doñana, Sevilla, SP), among others.

Based in his contributions to botanical sciences in the tropics as well as his research trajectory and training of human resources, I am sure Dr. Rico-Gray will make an outstanding Corresponding Member of the Botanical Society of America.

Thank you for your attention to this letter.

Best regards,



Dra. Cecilia Díaz-Castelazo,

Main researcher, "Investigadora Titular B"

Red de Interacciones Multitróficas, Instituto de Ecología, A.C. (INECOL)

Red de Interacciones Multitróficas. (228)8421800 ext. 3307
Carretera antigua a Coatepec No. 351, El Haya, Xalapa, 91070 Veracruz, México

CURRÍCULUM VITAE ÚNICO

VICTOR

RICO

GRAY

Generado el : 07/jun/2018

1. Datos personales

Fecha de nacimiento: 11/jun/1951
País de nacimiento: México
Nacionalidad: Mexicana
Correo electrónico: vricogray@yahoo.com
CVU: 3921

Nivel SNI:

Empleo actual

Inicio: 01/feb/2001
Nombre del puesto: INV. TITULAR C TC
Institución:

2. Grados académicos

Fecha de obtención: 01/mar/1979	Nivel de escolaridad: Licenciatura
Título: BIOLOGO	
Fecha de obtención: 01/dic/1984	Nivel de escolaridad: Maestría
Título: MAESTRIA EN CIENCIAS	
Fecha de obtención: 01/dic/1987	Nivel de escolaridad: Doctorado
Título: DOCTOR EN CIENCIAS	

3. Trayectoria profesional

3.1 Experiencia laboral

Inicio: 01/ene/1979	Fin: 01/may/1980
Nombre del puesto: ASISTENTE DE INGESTIGADOR E INVESTIGADOR	
Institución:	
Inicio: 01/jun/1980	Fin: 01/dic/1982
Nombre del puesto: INVESTIGADOR ASOCIADO	
Institución:	
Inicio: 01/abr/1982	Fin: 01/dic/1982
Nombre del puesto: DIRECTOR CENTRO DE LA PENINSULA DE YUCATAN	
Institución:	
Inicio: 01/feb/1985	Fin: 01/nov/1988
Nombre del puesto: INVESTIGADOR ASOC. C E INVS. TIT. A	
Institución:	
Inicio: 01/jun/1989	Fin: 01/nov/1991
Nombre del puesto: INV. ASOC. C	
Institución:	
Inicio: 01/jun/1989	Fin: 01/nov/1991
Nombre del puesto: INVES. ASOC. C DE T.C.	
Institución:	
Inicio: 01/sep/1994	Fin: 01/ene/2000
Nombre del puesto: JEFE DE DEPARTAMENTO DE ECOLOGIA VEGETAL	
Institución:	
Inicio: 01/nov/1991	Fin: 01/ene/2000
Nombre del puesto: INV. TIT. B DE T.C.	
Institución:	

4. Producción científica, tecnológica y de innovación

4.1 Publicación de artículos

2017	Título del artículo:	Diet and Feeding Behavior of the Horned Guan (<i>Oreophasis derbianus</i>) In Mexico			
	Nombre de la revista:	The Wilson Journal of Ornithology			
	Número de la revista:	129	Volúmen de la revista:	4	Páginas de: 771 a: 782
	ISSN impreso:	15594491	ISSN electrónico:	19385447	
	Autores:	FERNANDO GONZÁLEZ-GARCÍA, PEDRO JORDANO BARBUDO, VICTOR RICO-GRAY, VICENTE URIOS MOLINER, EDUARDO SANTANA-C			
2017	Título del artículo:	Assessing the impacts of tramp and invasive species on the structure and dynamic of ant-plant interaction networks Author links open overlay panel			
	Nombre de la revista:	Biological Conservation			
	Número de la revista:	209	Volúmen de la revista:	1	Páginas de: 517 a: 523
	ISSN impreso:	00063207	ISSN electrónico:		
	Autores:	CECILIA DÍAZ-CASTELAZO, JÉSSICA FALCÃO, VICTOR RICO-GRAY, WESLEY DÁTILLO			
2017	Título del artículo:	Visitantes florales y potencial polinizador de <i>trichocentrum stramineum</i> orquidea amenazada y endemica de Veracruz			
	Nombre de la revista:	Biológico Agropecuaria Tuxpan			
	Número de la revista:	6	Volúmen de la revista:	10	Páginas de: 1910 a: 1916
	ISSN impreso:	20076940	ISSN electrónico:		
	Autores:	ALEJANDRO RETURETA APONTE, VICTOR RICO-GRAY, JORGE E. MORALES, SAÚL HERNÁNDEZ CARMONA, PAULO QUINTANA MORALES, GUSTAVO CARMONA-DÍAZ			
2017	Título del artículo:	Differences between ant species in plant protection are influenced by the production of extrafloral nectar and related to the degree of leaf herbivory			
	Nombre de la revista:	Biological Journal of the Linnean Society			
	Número de la revista:	122	Volúmen de la revista:	1	Páginas de: 71 a: 83
	ISSN impreso:	00244066	ISSN electrónico:		
	Autores:	KLEBER DEL CLARO, VICTOR RICO-GRAY, WESLEY DÁTILLO, S. P. RIBEIRO, PEDRO JORDANO, ROBERTH FAGUNDES			
2017	Título del artículo:	STRUCTURE AND FLORISTIC COMPOSITION OF THE EVERGREEN TROPICAL FOREST IN BETHANIA, CAMPECHE, MEXICO			
	Nombre de la revista:	Polibotánica			
	Número de la revista:	43	Volúmen de la revista:	3	Páginas de: 67 a: 86
	ISSN impreso:	14052768	ISSN electrónico:		
	Autores:	CELSO GUTIERREZ-BAEZ, ELDA CELEDONIA PUC-GARRIDO, VICTOR RICO-GRAY, PASCALE VILLEGAS, ROBERTO CARLOS BARRIENTOS-MEDINA, MARIA DEL ROSARIO DOMINGUEZ-CARRASCO, PEDRO ZAMORA-CRESCENCIO			
2016	Título del artículo:	Sampling effort differences can lead to biased conclusions on the architecture of ant-plant interaction networks			
	Nombre de la revista:	Ecological Complexity			
	Número de la revista:		Volúmen de la revista:	25	Páginas de: 44 a: 52
	ISSN impreso:		ISSN electrónico:		
	Autores:	FALCAO, J , W. DÁTILLO & V. RICO-GRAY			
2016	Título del artículo:	The role of arthropods in the growth of <i>Tillandsia violacea</i> (Bromeliaceae) in a Mexican temperate forest			
	Nombre de la revista:	American Midland Naturalist			
	Número de la revista:		Volúmen de la revista:		Páginas de: 0 a: 0
	ISSN impreso:		ISSN electrónico:		
	Autores:	V. RICO-GRAY & Z. CANO. , CASTAÑO-MENESES, G , J.G. PALACIOS-VARGAS , J.G. GARCÍA-FRANCO			
2016	Título del artículo:	Loss and gains in ant-plant interactions mediated by extrafloral nectar: fidelity, cheats and lies			
	Nombre de la revista:	Insectes Sociaux			
	Número de la revista:		Volúmen de la revista:	63	Páginas de: 207 a: 221
	ISSN impreso:		ISSN electrónico:		

Autores:

D. RODRÍGUEZ-MORALES , DEL-CLARO, K , E. ALVES-SILVA , R. FAGUNDES , V. RICO-GRAY , A. AGUIRRE , H , W. DÁTILLO , D. LANGE

Título del artículo: Food sources availability and interspecific dominance as structural mechanisms of ant-plant-hemipteran multitrophic networks

Nombre de la revista: Arthropod-Plant Interactions

Número de la revista: **Volúmen de la revista:** **Páginas de:** 0 **a:** 0

ISSN impreso: **ISSN electrónico:**
Autores:

V. RICO-GRAY & K. DEL-CLARO , S. PONTES RIBEIRO , FAGUNDES, R , W. DÁTILLO

Título del artículo: Resilience of tropical dry forests a meta-analysis of changes in species diversity and composition during secondary succession

Nombre de la revista: OIKOS

Número de la revista: **Volúmen de la revista:** **Páginas de:** 0 **a:** 0

ISSN impreso: **ISSN electrónico:**
Autores:

J.A. LEIVA , G. DECOCQ , P. BALVANERA , C. CASTELLANOS-CASTRO , D.K. KENNARD , E. LEBRIJA-TREJOS , DERROIRE, G , P.-C. O

Título del artículo: Influence of plant defensive traits in determining selectiveness and species strength in a tropical plant-herbivore network

Nombre de la revista: American Journal of Botany

Número de la revista: **Volúmen de la revista:** **Páginas de:** 0 **a:** 0

ISSN impreso: **ISSN electrónico:**
Autores:

C. DÍAZ-CASTELAZO , K. BOEGE , LÓPEZ-CARRETERO, A , Z. DOMÍNGUEZ & V. RICO-GRAY

Título del artículo: Trait-mediated indirect interactions of ant shape on the attack of caterpillars and fruits.

Nombre de la revista: Biology Letters

Número de la revista: **Volúmen de la revista:** **Páginas de:** 0 **a:** 0

ISSN impreso: **ISSN electrónico:**
Autores:

P. LUNA DE LA TORRE , A. AGUIRRE , DÁTILLO, W , L. KAMINSKI , J. GARCÍA-CHÁVEZ & V. RICO-GRAY.

Título del artículo: Estructura y composición florística de la selva mediana subperennifolia en Bethania, Campeche, Campeche, México.

Nombre de la revista: Polibotánica

Número de la revista: **Volúmen de la revista:** 43 **Páginas de:** 0 **a:** 0

ISSN impreso: **ISSN electrónico:**
Autores:

C. GUT , E.C. PUC-GARRIDO , M.R. DOMÍNGUEZ-CARRASCO , V. RICO-GRAY , P. VILLEGAS , R.C. BARRIENTOS-MEDINA , ZAMORA-CRESCENCIO, P

Título del artículo: Food sources availability and interspecific dominance as structural mechanisms of ant-plant-hemipteran multitrophic networks

Nombre de la revista: Arthropod-Plant Interactions

Número de la revista: **Volúmen de la revista:** **Páginas de:** 0 **a:** 0

ISSN impreso: **ISSN electrónico:**
Autores:

S. PONTES RIBEIRO , W. DÁTILLO , FAGUNDES, R , V. RICO-GRAY & K. DEL-CLARO

Título del artículo: Resilience of tropical dry forests a meta-analysis of changes in species diversity and composition during secondary succession

Nombre de la revista: Oikos

Número de la revista: **Volúmen de la revista:** 125 **Páginas de:** 0 **a:** 0

ISSN impreso: **ISSN electrónico:**
Autores:

E. LEBRIJA-TREJOS , DERROIRE, G , G. DECOCQ , P. BALVANERA , P.-C. O , D.K. KENNARD , C. CASTELLANOS-CASTRO , J.A. LEIVA

Título del artículo: Trait-mediated indirect interactions of ant shape on the attack of caterpillars and fruits

Nombre de la revista: Biology Letters

Número de la revista:	Volúmen de la revista: 7	Páginas de: 455	a: 461
ISSN impreso:	ISSN electrónico:		
Autores:			
DATTILO, W , H. VASCONCELOS & V. RICO-GRAY , T.J. IZZO			
Título del artículo:	SEASONAL DYNAMICS OF THE FLOWER HEAD INFESTATION OF THE SUNFLOWER, SMALLANTHUS MACULATES BY TWO NON-FRUGIVOROUS TEPHRITIDS. ISSN: 1536-2442		
Nombre de la revista:	Journal of Insect Science		
Número de la revista:	Volúmen de la revista: 14	Páginas de: 0	a: 0
ISSN impreso:	ISSN electrónico:		
Autores:			
V. PARRA-TABLA & V. RICO-GRAY , DZUL-CAUICH, J.F , V. HERNÁNDEZ-ORTIZ			
Título del artículo:	SOIL AND VEGETATION FEATURES DETERMINING THE NESTED PATTERN IN ANT-PLANT NETWORKS IN A TROPICAL BAINFOREST. ISSN: 0307-6946		
Nombre de la revista:	Ecological Entomology		
Número de la revista:	Volúmen de la revista: 38	Páginas de: 374	a: 380
ISSN impreso:	ISSN electrónico:		
Autores:			
DÁTTILO, W , V. RICO-GRAY , D. RODRIGUES & T. IZZO			
Título del artículo:	LONG-TERM TEMPORAL VARIATION IN THE ORGANIZATION OF AN ANT-PLANT NETWORK		
Nombre de la revista:	Annals of Botany		
Número de la revista:	Volúmen de la revista: 111	Páginas de: 1285	a: 1293
ISSN impreso:	ISSN electrónico:		
Autores:			
I.R. SÁNCHEZ-GALVÁN , DÍAZ-CASTELAZO, C , R.L. GALDINI RAIMUNDO & V. RICO-GRAY , P.R. GUIMARÃES JR			

4.2 Publicación de libros

2018	Título del libro: Ecological Networks in the Tropics
	Editorial: Springer
	Volúmen: No Aplica Tomo: No Aplica País: México
	Número de páginas: 207 ISBN: 9783319682273 Traducido al: English Edición: 1
	Autores:
	VICTOR RICO-GRAY, WESLEY DÁTTILO

4.3 Capítulos publicados

2018	Título del libro: Ecological Networks in the Tropics
	Título del capítulo: A Useful Guide of Main Indices and Software Used for Ecological Networks Studies
	Editorial: Springer
	Páginas de: 185 a: 196 ISBN: 9783319682280
	Autores:
	WESLEY DÁTTILO, REUBER ANTONIAZZI JR, VICTOR RICO-GRAY
2017	Título del libro: Naturaleza, Cerebro y Conducta
	Título del capítulo: Efecto de la dominancia jerárquica de las hormigas y del esfuerzo de muestreo sobre la estructura de las redes de
	Editorial: Universidad Veracruzana
	Páginas de: 77 a: 86 ISBN: 9786075026107
	Autores:
	WESLEY DÁTTILO, JÉSSICA FALCÃO, VICTOR RICO-GRAY
	Título del libro: Naturaleza, Cerebro y Conducta
	Título del capítulo: Distribución espacial y tamaño de la fuente de recursos alimenticios para una población de monos aulladores (Alouatta
	Editorial: Universidad Veracruzana
	Páginas de: 21 a: 32 ISBN: 9786075026107
	Autores:

	PAULO C. QUINTANA-MORALES, LAURA T. HERNÁNDEZ-SALAZAR, VICTOR RICO-GRAY, ADOLFO LÓPEZ-GALINDO, FRANCISCO GARCÍA-ORDUNA Título del libro: Ant-Plant Interactions, Impacts of humans on terrestrial ecosystems Título del capítulo: Interhabitat variation in the ecology of extrafloral néctar production and associated ant assemblages in Mexican landscapes Editorial: Cambridge Páginas de: No info a: No info ISBN: 978110715975 Autores: CECILIA DÍAZ-CASTELAZO, NATALIA CHAVARRO-RODRÍGUEZ, VICTOR RICO-GRAY
2014	Título del libro: Los elementos del cosmos, el conocimiento mesoamericano II Título del capítulo: LOS MAYAS Y EL MANEJO DE LAS SELVAS Editorial: SIGLO XXI Y UNAM Páginas de: a: ISBN: Autores: V. RICO-GRAY

5. Formación de capital humano

5.1 Tesis dirigidas en PNPC

Fecha de aprobación:	16/jul/2017	Nombre:	Elizabeth Navarro Olloa
Programa PNPC:	001805		
Título de la tesis:	Interacción hormiga-planta mediada por la producción de néctar extrafloral y su efecto en los herbívoros florales de Canavalia rosea		
Institución:	UNIVERSIDAD VERACRUZANA		
Estado de la tesis:	Terminada		

6. Comunicación pública de la ciencia, tecnología y de innovación

7. Vinculación

8. Premios y distinciones

8.2 Distinciones no CONACYT

Año:	1985	Nombre de la distinción:	AWARD IN TROPICAL BOTANY
Institución que otorgó premio o distinción:			
País:	United States of America		
Año:	1987	Nombre de la distinción:	THE GEORGE HENRY PENN MEMORIAL AWARD
Institución que otorgó premio o distinción:			
País:	United States of America		
Año:	1990	Nombre de la distinción:	COMITE ORGANIZADOR
Institución que otorgó premio o distinción:			
País:	Cuba		
Año:	1990	Nombre de la distinción:	MENCION HONORIFICA
Institución que otorgó premio o distinción:			
País:	México		
Año:	1992	Nombre de la distinción:	MIEMBRO
Institución que otorgó premio o distinción:			
País:	México		
Año:	1994	Nombre de la distinción:	MIEMBRO
Institución que otorgó premio o distinción:			
País:	United States of America		
Año:	2012	Nombre de la distinción:	Investigador Honorific
Institución que otorgó premio o distinción:			
País:	Spain		
Año:	2013	Nombre de la distinción:	Perfil deseable PROMEP para PTC
Institución que otorgó premio o distinción:			
País:	México		

Año:	2014	Nombre de la distinción:	nivel 3, Sistema Nacional de Investigadores 2015-2019
Institución que otorgó premio o distinción:			
País:	México		
Año:	2014	Nombre de la distinción:	Investigador Honorific 2013-2014
Institución que otorgó premio o distinción:			
País:	Spain		

CURRICULUM VITAE

DR. VICTOR RICO-GRAY

DATOS GENERALES

Nombre: VICTOR RICO-GRAY

Lugar y fecha de nacimiento: México, D.F., Junio 11, 1951

Nacionalidad: Mexicana

Reg. Fed. Caus.: RIGV-510611-6H6

Cédula de licenciatura: 1044673

Cédula de doctorado: 8071041

Actualmente:

Investigador Titular C de T.C.

Instituto de Neuroetología, Universidad Veracruzana

Calle Dr. Luís Castelazo s/n, Col. Industrial-Ánimas, Xalapa, Veracruz 91190 México

(228) 842-1700 x 13601 / vrico@uv.mx, vricogray@yahoo.com

Investigador Nacional (México)

Sistema Nacional de Investigadores (no. 3921 desde 1985, nivel III - 2010-2019)

'Perfil Deseable' PROMEP para profesores de tiempo completo (2013-2016)

Miembro, Academia Mexicana de Ciencias, 1992 - .

Investigador Honorífic (España) (2012-2014)

**Instituto Universitario de Investigación CIBIO, Universidad de Alicante
(Comunitat Valenciana)**

Línea de investigación. Interacciones interespecíficas.

Áreas. Interacciones planta-insecto (particularmente planta-hormiga), distribución geográfica y variación temporal de las interacciones, mutualismo.

Proyectos. Análisis de la organización en redes complejas de las comunidades de hormigas y plantas. Ecología de las interacciones hormiga-planta. El papel de la variación individual en las interacciones interespecíficas.

FORMACIÓN ACADÉMICA

LICENCIATURA. Biólogo (B.Sc., 1979). Facultad de Ciencias, Universidad Nacional Autónoma de México, México, D.F. Tesis: El Manglar de la Laguna de la Mancha, Ver.: Estructura y Productividad Neta. Director: Dr. Antonio Lot-Helgueras.

MAESTRÍA. Maestro en Ciencias (M.Sc., 1984). Department of Biology, Tulane University. New Orleans, Louisiana, U.S.A. (no se requiere tesis).

DOCTORADO. Doctor en Ciencias (Ph.D., 1987). Department of Biology, Tulane University. New Orleans, Louisiana, U.S.A. Tesis: *Schomburgkia tibicinis* (Orchidaceae) - Effect of Myrmecophily on Reproductive Fitness. Director: Dr. Leonard B. Thien.

OTROS CURSOS. Ecología de Poblaciones 80-2. Organization for Tropical Studies (O.T.S.) y Universidad de Costa Rica. San José, Costa Rica. Enero-Febrero, 1980. Coordinador: Dr. Ricardo Soto.

PRODUCCIÓN CIENTÍFICA (ARTÍCULOS)

- 1) Lot-Helgueras, A. & V. Rico-Gray. 1978. Nota sobre el registro de *Sesuvium maritimum* (Walt.) B.S.P. (Aizoaceae) en México. BIOTICA 3(1):25-28.
- 2) Rico-Gray, V. 1980. Ants and tropical flowers. BIOTROPICA 12(3):223-224.
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EXPERIENCIA EN INVESTIGACIÓN

- Asistente de investigación del Dr. Antonio Lot-Helgueras, en el Departamento de Botánica, Instituto de Biología, U.N.A.M., dentro del proyecto Estudio sobre la Vegetación de los Sistemas Acuáticos Tropicales de México. PNIE-CONACYT No. 896. 1977-1978.
- Asistente de investigación e investigador en el proyecto Flora de Veracruz del Instituto Nacional de Investigaciones sobre Recursos Bióticos (INIREB), 01/1979 - 05/1980.
- Investigador (06/1980-03/1982), Investigador Asociado (02/1985-08/1986), y Director (04-11/1982), del Centro de Recursos Bióticos de la Península de Yucatán (INIREB).
- Curador del Herbario del Centro de Recursos Bióticos de la Península de Yucatán (INIREB). 09/1980 - 11/1982.
- Investigador Asociado "C" e Investigador Titular "A", INIREB. 02/1985 - 11/1988.
- Investigador Asociado "C" de Tiempo Completo, Centro de Ecología, U.N.A.M. 06/1989 - 11/1991.
- Investigador Titular "B", Departamento de Ecología Vegetal, Instituto de Ecología, A.C. 11/1991 - 04/1996.
- Jefe del Departamento de Ecología Vegetal, Instituto de Ecología, A.C. 09/1994 - 08/1998.
- Investigador Titular "C", Departamento de Ecología Vegetal, Instituto de Ecología, A.C., 05/1996 - .
- Jefe de la División de Estudios de Posgrado, Instituto de Ecología, A.C. 04/2001 – 12/2003.
- Jefe del Departamento de Ecología Aplicada, Instituto de Ecología, A.C. 04/2006 - 2009.
- Coordinador de la red temática Red de Interacciones Multitróficas, Instituto de Ecología, A.C. 09/2009 – 01/2010.

EXPERIENCIA EN DOCENCIA (LICENCIATURA Y POSGRADO)

- Ecología General I (Ayudante de Profesor "B"). Licenciatura, Facultad de Ciencias, U.N.A.M. 04-10/1978.
- Ecología General (Teoría), Licenciatura, Escuela de Ciencias Antropológicas, Universidad de Yucatán. 09/1980 - 01/1981.
- Ayudante de Profesor de los siguientes cursos de Licenciatura, Departamento de Biología, Tulane University durante 1983-1984: Environmental Biology (4), Cellular Biology (1), Advanced Plant Ecology (2), General Biology Laboratory (3) y Yucatan Colloquium field trip (2).

Profesor de la Maestría en Ciencias de INIREB. Cursos ofrecidos: Ecología Avanzada I (Comunidades) (campo), 1986; Ecología Avanzada II (Poblaciones) (tutorial), 1987; Ecología Avanzada III (Cuantitativa) (campo), 1987, 1988; Biología de la Polinización I,II (teoría y campo), 1988.

Profesor invitado del curso (posgrado) Ecología de Poblaciones, ofrecido por la Universidad de Costa Rica y la Organization for Tropical Studies (OTS-OET). San José, Costa Rica:

1989 (Coordinador curso 89-2, Dr. F. Gary Stiles)

1990 (Coordinador curso 90-2, Dra. Pia Paaby)

2002 (Coordinador curso 02-2, Dr. Alejandro Farji Brener)

2005 (Coordinador curso 05-2, Dr. Alejandro Farji Brener)

Profesor invitado del "Curso de Campo" del Doctorado en Ecología, Centro de Ecología-CCH, U.N.A.M. Agosto-Septiembre de 1989. Coordinador: Dr. Rodolfo Dirzo.

Mini-Curso (10 horas de aula) Interacción Planta-Animal como parte del XLIII Congreso Nacional de Botánica de Brasil. Universidad Federal de Sergipe, Brasil. 19-25, 01/1992.

Botánica II (Diversidad Vegetal), Zoología II (Vertebrados) y Etica y Ecología. Licenciatura, Departamento de Química y Biología, Escuela de Ciencias, Universidad de las Américas, Cholula, Puebla. 08-12/1992.

Profesor de Asignatura "A". Materia: Ecología. Posgrado, Facultad de Ciencias, U.N.A.M. 11/1993 - 04/1994.

Coordinador del Curso de Campo del Posgrado en Ecología y Manejo de Recursos, Instituto de Ecología, A.C. 03/1995.

"Interacciones Ecológicas/Interespecíficas", este curso ha sido ofrecido en:

Posgrado, Instituto Nacional de Investigaciones sobre Recursos Bióticos (INIREB), 1985, 1988.

Posgrado, Facultad de Ciencias, U.N.A.M., 1er y 2do semestres de 1989.

Doctorado en Ecología, Centro de Ecología/C.C.H., U.N.A.M. 1990.

Posgrado, Universidade de Brasilia, Brasil. 11-12/1996 y 01-02/2004.

Posgrado, Ecología y Manejo de Recursos Naturales, Instituto de Ecología, A.C. 1996, 2001, 2005.

Posgrado, CIBIO-Universidad de Alicante, Alicante, España. 03/2004, 05-06-2005, 05/2007, 05/2008, 02/2009, 02/2011 y 30 de enero a 10 de febrero 2012, 18-28 febrero 2013, junio 2014 (via electrónica).

Posgrado, Instituto de Neuroetología, Universidad Veracruzana, octubre 2011, 2012, 2013, 2014.

Ecología de Comunidades. Participación bajo la coordinación de Dr. Jorge López-Portillo / Dra. María Luisa Martínez / Dra. Gabriela Vázquez Hurtado. Posgrado en Ecología y Manejo de Recursos, Instituto de Ecología, A.C. 1996-2003.

Curso de Campo del Posgrado en Ecología y Manejo de Recursos, Instituto de Ecología, A.C. Participación como profesor invitado 1996-1998, 2000.

Profesor invitado del curso "Métodos de Campo em Ecologia", ofrecido por Pós Graduação em Ecologia da Universidade de Brasilia, Brasil. Agosto 23 - Septiembre 10 de 1999. Coordinadora: Dra. Helena C. Morais.

Profesor invitado al curso "Ecología de Ecosistemas Costeros Tropicales", ofrecido por la Organización para Estudios Tropicales (O.E.T. / O.T.S.), la Universidad Estatal de

Louisiana (LSU) y el Instituto de Ecología, A.C. Enero 13 – Febrero 17 del 2003.
 Coordinadores: Dra. Patricia Moreno-Casasola y Dr. Alejandro Yáñez-Arencibia.
 Co-coordinador (con M.C. Aristeo Cuauhtémoc Deloya López) y participante del curso Temas Selectos de Entomología (90 hrs), Posgrado en Ecología y Manejo de Recursos, Instituto de Ecología, A.C. 2003, 2004, 2005.
 Profesor invitado (4 hr) al curso “Ecología y Manejo de Playas y Dunas”, impartido por las doctoras Patricia Moreno-Casasola y María Luísa Martínez. Posgrado del Instituto de Ecología, A.C. Junio-Julio, 2007.
 Profesor invitado (4 hr) al curso “Taller de Enfoques y Métodos para el Estudio de Mutualismos”, impartido por la Dra. Cecilia Díaz-Castelazo, Posgrado del Instituto de Ecología, A.C. Agosto-Septiembre, 2007, Enero-Febrero, 2009, Mayo, 2011.
 Profesor invitado (6 hr) al curso “Biodiversidad e Interacciones Ecológicas en Insectos”, impartido por el Dr. Vicente Hernández Ortiz. Posgrado del Instituto de Ecología, A.C. 20 de abril – 20 de mayo 2009.
 Profesor invitado (1.5 hr) al curso “Introducción a la Investigación”, impartido por el Dr. Trevor Williams. Posgrado del Instituto de Ecología, A.C. 1 de septiembre – 8 de octubre 2010.
 Profesor invitado (5 hrs.) al curso Escritura de Artículos Científicos, impartido por el Dr. Raúl Ortiz-Pulido. Universidad Autónoma del estado de Hidalgo, 26 de noviembre 2014.
 Profesor invitado al 1er Taller de Escritura de Artículos Científicos, coordinado por el Dr. Raúl Ortiz-Pulido. Universidad Autónoma del estado de Hidalgo, 28 de mayo de 2015.

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- 1) Cardel Sánchez, Yuria. 1995. Aspectos de la ecología de *Beaucarnea gracilis* Lem. (Nolinaceae) en Zapotitlán de las Salinas, Puebla. Escuela de Ciencias, Universidad de las Américas-Puebla. Examen: Diciembre 15.
- 2) Cuautle Arenas, Mariana. 1996. Descripción de la interacción homóptero-hormiga-mosca en *Agave kerchovei* Lem. (Agavaceae) en el Valle de Zapotitlán de las Salinas, Puebla. Escuela de Ciencias, Universidad de las Américas, Puebla. Examen: Marzo 22.
- 3) Díaz-Castelazo, Cecilia. 1997. Uso de recursos de plantas por las hormigas, su estacionalidad y riqueza, en un bosque mesófilo de montaña. Facultad de Biología, Universidad Veracruzana, Xalapa, Veracruz. Examen: Junio 20.
- 4) Daza Pérez, A. y L.L. Ubaque González. 2003. Aves frugívoras del dosel como dispersoras de semillas en un bosque subandino secundario, en la vereda Las Huacas, municipio de Popayán, Departamento del Cauca, Colombia. Facultad de Ciencias Naturales, Programa de Ecología, Fundación Universitaria de Popayán, Colombia. Examen: Mayo 22.
- 5) Salas Rojas, Betzabeth. 2005. Dispersión, depredación y germinación de semillas de *Turnera ulmifolia* L: (Turneraceae) en las dunas costeras de Veracruz. Escuela de Biología, Benemérita Universidad Autónoma de Puebla. Examen: Abril 15. Co-dirección con Mariana Cuautle Arenas).
- 6) Hernández Alfredo. 2009. Variación intra-anual en una red compleja de mutualismos hormiga-planta. Facultad de Biología, Universidad Veracruzana-Xalapa. Examen: Diciembre 2.

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- 8) Farías Ruíz, Sarai. 2012. Desarrollo de nidos de *Camponotus senex* sobre *Manguifera indica* L. en La Mancha, Veracruz. Facultad de Biología, Universidad Veracruzana-Xalapa. Examen: Marzo 14.
- 9) Ramírez Flores, Vania. 2013. Redes complejas planta-polinizador: comparación entre cuatro regiones de México. Facultad de Biología, Universidad Veracruzana-Xalapa. Examen: Julio 9.

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- 1) Pineda López, Ma. del Rosario. 1988. Efecto de la perturbación en la estructura y dinámica del bosque templado de las Joyas, Sierra de Manantlán. Instituto Nacional de Investigaciones sobre Recursos Bióticos (INIREB). Examen: Noviembre 11. (Codirección con M. en C. Enrique Jardel).
- 2) García-Franco, José G. 1990. Biología reproductiva de *Tillandsia deppeana* Steudel (Bromeliaceae). Facultad de Ciencias, U.N.A.M. Examen: Septiembre 21.
- 3) Ogata Aguilar, Nisao. 1992. Ecología y fenología de los Myxomycetes en un bosque tropical del estado de Veracruz. Facultad de Ciencias, U.N.A.M. Examen: Abril 23.
- 4) Castro Bobadilla, Gerardo. 1995. Efecto de la asociación hormiga/homóptero sobre el éxito reproductivo de *Paullinia fuscescens* H.B.K. (Sapindaceae). Facultad de Ciencias, U.N.A.M. Examen: Junio 14.
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- 6) Torres Hernández, Leonel. 1995. Efecto de diferentes especies de hormigas sobre el éxito reproductivo de *Turnera ulmifolia* L. (Turneraceae). Facultad de Ciencias, U.N.A.M. Examen: Julio 11.
- 7) Serio Silva, Juan Carlos. 1996. Calidad del alimento consumido por *Alouatta palliata* en condiciones de semi-libertad. Instituto de Neuro-Etología, Universidad Veracruzana-Xalapa. Examen: Diciembre 11.
- 8) Guzmán Guzmán, Salvador. 2000. Repartición de recursos por tres especies de lagartijas tropicales en la costa del estado de Veracruz. Facultad de Ciencias, U.N.A.M. Examen: Junio 14.
- 9) Gallego Ortiz, Luis Miguel. 2000. Producción porcícola, un enfoque técnico-administrativo y sustentable. Instituto de Investigaciones y Estudios Superiores de las Ciencias Administrativas, Universidad Veracruzana. Agosto 30.
- 10) Righini, Nicoletta. 2003. Germinación y establecimiento de semillas de *Ficus* sp. ingeridas por monos (*Alouatta palliata mexicana* y *Ateles geoffroyi vellerosus*). Posgrado en Ecología y Manejo de Recursos Naturales, Instituto de Ecología, A.C. Examen: Mayo 22.
- 11) Rodríguez Morales, Dulce. 2015. Depredación de visitantes florales por arañas (Thomisidae) que mimetizan colores de las flores en La Mancha, Veracruz. Posgrado (maestría) del Instituto de Neuroetología, Universidad Veracruzana. Examen: Agosto 6. Co-dirección con el Dr. José G. García-Franco.

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- 4) Chiappy Jhones, Juan Carlos. 2001. Afinidades fitogeográficas entre Yucatán y Cuba; un análisis cuantitativo de implicaciones biogeográficas y de conservación de la biodiversidad. Facultad de Ciencias, U.N.A.M. Examen: Junio 29.
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- 9) Carrión Villarnovo, Gloria. 2006. Naturaleza de las interacciones entre los hiperparásitos de la roya del café. Facultad de Ciencias, U.N.A.M. Examen: Diciembre 7.
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- 14) Pérez Sánchez, Clara Elena. 2015. Dispersión de semillas por aves en Los Tuxtlas, Veracruz. Posgrado (Doctorado) del Instituto de Neuroetología de la Universidad Veracruzana – Xalapa. En desarrollo.

POSTDOCTORADOS

- 1) Dra. Leticia Ríos-Casanova. Proyecto: Efecto de un gradiente altitudinal sobre la diversidad de hormigas de una zona árida del centro de México. Marzo 2008 – febrero 2009.

- 2) Dr. Juan Martínez Gómez. Proyecto: Red de interacciones herbívoro-ave-planta en Isla Socorro. Agosto 2009 – Julio 2010.

CARGOS HONORÍFICOS

Presidente, Colegio de Profesores de la Maestría en Ciencias del Instituto Nacional de Investigaciones sobre Recursos Bióticos (INIREB). 10/1987-11/1988.
Director, Unidad de Ecosistemas Tropicales y Subtropicales, Centro Iberoamericano de la Biodiversidad, Universidad de Alicante, España, 2000 – 2002.
Miembro, "Comité Científico Internacional" del V Congreso Latinoamericano de Botánica. Ciudad de La Habana, Cuba. 24-29, 07/1990.

DISTINCIONES ACADÉMICAS

Premio al mejor proyecto de tesis doctoral en botánica tropical (Awards in Tropical Botany) otorgado por The Garden Club of America. 1985.
Candidato a Investigador Nacional. Sistema Nacional de Investigadores (SNI) No. 852674, Julio/ 1985-Junio/1988.
The George Henry Penn Memorial Award, por realizar investigación destacada en zoología a nivel de estudiante de doctorado. Department of Biology, Tulane University, 1987.
Investigador Nacional Nivel "I". Sistema Nacional de Investigadores (SNI) No. 89/3921, Julio/1989-Junio/1992.
Reconocimiento por parte del Comité Organizador del V Congreso Latinoamericano de Botánica: "por su destacada participación en el desarrollo exitoso de este evento". Ciudad de La Habana, Cuba. Junio 29, 1990.
Reconocimiento por el Programa de Estímulos a la Productividad y el Rendimiento del Personal Académico, Universidad Nacional Autónoma de México. 1990-1991, 1991-1992.
Mención Honorífica en el certamen Premio Nacional Serfin El Medio Ambiente 1990, con el trabajo "Conservación y Aprovechamiento de la Naturaleza: una opción posible en Yucatán".
Haber sido considerada mi investigación como notable y digna de mención por el 1991 Yearbook of Science and the Future de la Encyclopaedia Britannica, Inc. Pp. 357-358. Trabajo considerado: Rico-Gray, V. et al. 1989. An unusual animal-plant interaction: feeding of *Schomburgkia tibicinis* (Orchidaceae) by ants. Am. J. Bot. 76(4):603-608.
Investigador Nacional Nivel "II", Sistema Nacional de Investigadores No. 3921. Julio, 1992 – Diciembre, 2009.
Miembro, Academia Mexicana de Ciencias, México, D.F. 12/1992.
Miembro, The New York Academy of Science, New York, NY, U.S.A. 11/1994.
Miembro de la Sociedad Botánica de México y de la Association for Tropical Biology.
La presentación en cartel del trabajo de tesis doctoral de Mariana Cuautle (tutor, V. Rico-Gray) "Plant protection and dispersion in *Turnera ulmifolia*: a multiple interaction approach", recibió un reconocimiento en la competencia de carteles de estudiantes como parte del Simposio del 40 aniversario de la Organization for Tropical Studies (O.T.S.), que se celebró el 3 de abril en la Universidad de Costa Rica. El tema del congreso fue: Tropical Science for the 21st Century.

Evaluador del Fondo para la Investigación Científica y Tecnológica FONCYT-Argentina, 2008. Investigador Nacional Nivel "III", Sistema Nacional de Investigadores No. 3921. Enero 2010 - 2014.

Investigador Honorífico del Instituto Universitario de Investigación CIBIO, Universidad de Alicante, España, Comunitat Valenciana, 2010-2014.

COMITÉS EDITORIALES Y ARBITRAJE DE MANUSCRITOS

Consejo Editorial: Universidad y Ciencia 2002 - 2010.

Comité Editorial: Biotica (1987-1988), Madera y Bosques (1996-2000).

Editor Asociado: Plant Ecology (01/2005 – 12/2007).

Arbitraje, arbitrado manuscritos enviados a: Acta Botanica Brasilica, Acta Botánica Mexicana, Acta Oecologica, Acta Zoológica Mexicana, Arthropod-Plant Interactions, American Journal of Botany, American Naturalist, Anales del Instituto de Biología-U.N.A.M., Applied Vegetation Science, Austral Ecology, Basic and Applied Ecology (BAAE), Biological Conservation, Biological Journal of the Linnean Society, BMC-Ecology, Biótica, Biotropica, Boletín de la Sociedad Botánica de México, Ecology, Ecological Entomology, Ecological Research, Ecology Letters, Economic Botany, Flora, Folia Entomológica Mexicana, Journal of Biogeography, Journal of Ecology, Journal of Ethnobiology, Journal of Insect Behavior (JOIR), Journal of Tropical Ecology, Journal of Vegetation Science, Lindleyana, Madera y Bosques, Naturwissenschaften, New Phytologist, Novon, Oecologia, Oikos, Oxford University Press (libro), Plant Ecology, PLoS ONE, Proceedings of the National Academy of Sciences (U.S.), Revista Colombiana de Entomología, Universidad y Ciencia (México).

BECAS Y APOYO FINANCIERO

Teaching Assitanship del Department of Biology de Tulane University, como beca para realizar estudios de maestria y doctorado en Tulane University. 1/1983 a 12/1984.

Mesoamerican Ecology Institute y Center for Latin American Studies de Tulane University. Beca para realizar estudios de maestria y doctorado en el Department of Biology de Tulane University. 1/1983 a 12/1984.

Beca de la Sigma XI Society para realizar trabajo de campo en Yucatán. 1983.

World Wildlife Fund-U.S. Apoyo para trabajo de campo sobre etnoecología maya en el Estado de Yucatán. 1988.

Missouri Botanical Garden-Tinker Foundation Postdoctoral Fellowship. Septiembre 2 a Octubre 1 de 1988.

CONACYT No. 903579. Apoyo para desarrollar investigación sobre interacción hormiga-planta-homóptero en la costa veracruzana. 1990-1991.

Fundo Mundial para a Natureza, WWF/Brasil. Apoyo financiero para participar en el XLIII Congreso Nacional de Botánica de Brasil. Aracajú, Sergipe, Brasil. Enero 19-25, 1992.

Apoyo de The Association for Tropical Biology, Inc., para asistir al 30th Anniversary Meeting de esa sociedad en San Juan, Puerto Rico. Junio, 1993.

CONACYT No. 1259-N9204. Apoyo para desarrollar investigación sobre asociaciones planta-hormiga-homóptero en el Valle de Zapotitlán de las Salinas, Puebla. 1992-1993.

- CONABIO No. B028. Estado actual de la ecología de las especies del género *Beaucarnea* (Nolinaceae) en México. 1994-1995.
- CONACYT No. 0137-N9506. Apoyo para desarrollar investigación sobre la estabilidad de las interacciones ecológicas en el tiempo y el espacio, en la Península de Yucatán. 1995-1997.
- Primate Conservation, Inc. Apoyo para realizar investigación sobre el estado actual y estrategias para la conservación de los primates de la Península de Yucatán. Diciembre de 1998.
- CONACYT No. 981012. Apoyo para realizar estancia sabática en Tulane University, U.S.A. Septiembre de 1998 a Agosto de 1999.
- The Lincoln Park Zoo. Apoyo para realizar investigación sobre el estado actual y estrategias para la conservación de los primates de la Península de Yucatán. Enero, 2000.
- CONACYT No. 46840. Redes de Mutualismos Hormiga-Planta. Septiembre 2005 a Agosto 2008.

PARTICIPACIÓN EN COMITÉS REVISORES Y EVALUADORES

- Evaluador, propuestas enviadas para obtener financiamiento del Committee for Research and Exploration de la National Geographic Society, Washington, D.C. U.S.A. 1984, 1987, 1996, 1999.
- Evaluador, propuestas enviadas para obtener financiamiento del CONACYT. 1986 - 2003.
- Evaluador, Plan de Estudios de la Licenciatura en Biología, Escuela de Ciencias, Universidad de las Américas, Puebla. Enero-Febrero, 1990.
- Miembro, "Alumni Admission Committee" de Tulane University. 210 Gibson Hall, Tulane University, New Orleans, Louisiana, U.S.A. 1990-1999.
- Miembro, Consejo de la Association for Tropical Biology (ATB), 01/1995 - 12/1996.
- Miembro, Comisión Evaluadora de Ciencias Naturales del CONACYT, 05/1994-04/1997.
- Miembro, Comité de Seguimiento Académico del CONACYT, 05/2002 - 2005.
- Miembro, Comité de Acreditación de Evaluadores del CONACYT, 05/2002 - 2005.
- Miembro, Comisión de Evaluación de propuestas para Ciencias Multidisciplinarias, Convocatorias SEP-CONACYT 2003 y 2004.
- Miembro. Comisión de Apoyos Complementarios para la Consolidación Institucional de Grupos de Investigación del CONACYT, 11/2007 - .

ORGANIZACIÓN DE EVENTOS CIENTÍFICOS

- Simposio sobre Biogeografía de Mesoamérica. Organizado por Tulane University, Museo Nacional de Costa Rica e Instituto Nacional de Investigaciones sobre Recursos Bióticos. Mérida, Yucatán, Octubre, 1984.
- Simposio Disponibilidad de Propágulos y Regeneración de Bosques Tropicales. XI Congreso Mexicano de Botánica, Sociedad Botánica de México. Oaxtepec, Morelos, Octubre 2, 1990.
- Ant-Plant Interactions Symposium. Reunión anual de la Association for Tropical Biology (ATB), la Ecological Society of America (ESA) y la Society for Conservation Biology (SCB). Providence, RI, U.S.A. Agosto 11-15, 1996.

- XV Congreso Nacional de Posgrado. Museo de Antropología, Xalapa, Veracruz, México. Noviembre 28-30, 2001
- Ciclo de conferencias "Avances en Intercciones Interespecificas". Instituto de Ecología, A.C. Septiembre 6-7, 2007.
- Simposio Internacional "Relaciones Interespecificas en la Biología de la Conservación. CIBIO-Universidad de Alicante. Alicante, España, noviembre 18-19, 2008.

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- 1) Los Manglares. Facultad de Ciencias, U.N.A.M. México, D.F. Julio 20, 1978.
- 2) La Vegetación del Manglar. Facultad de Ciencias, U.N.A.M. México, D.F. Dic. 9, 1978.
- 3) The Petenes of Northwest Yucatan Peninsula. Mesoamerican Ecology Institute. Tulane University, New Orleans, USA. Abril 20, 1983.
- 4) Mangrove Productivity and Structure in Veracruz. Mesoamerican Ecology Institute. Tulane University, New Orleans, USA. Febrero 15, 1984.
- 5) *Schomburgkia tibicinis*: its interaction with ants and its pollination, Yucatan, Mexico. Mesoamerican Ecology Institute. Tulane University, New Orleans, USA. Nov 13, 1985.
- 6) *Schomburgkia tibicinis*: An orchid and its ants. Shoenberg Auditorium del Missouri Botanical Garden. St. Louis, MO, USA. Septiembre 20, 1988.
- 7) Ecology and man in Yucatan. Shoenberg Auditorium del Missouri Botanical Garden. St. Louis, MO, USA. Septiembre 20, 1988.
- 8) Uso de plantas nativas y las huertas mayas de Yucatán. Universidad Nacional, Heredia, Costa Rica. Febrero 23, 1989.
- 9) The use of the Yucatecan forests by the Mayas. Southern Forest Experiment Station, U.S. Department of Agriculture, Forest Service. New Orleans, LA, USA. Junio 13, 1989.
- 10) Mutualismo orquidea-insecto: el caso de *Schomburgkia tibicinis*. Instituto de Ecología. Xalapa, Ver. Agosto 23, 1989.
- 11) Interacciones Ecológicas. Escuela de Ciencias, Universidad de las Américas, Cholula, Puebla. Enero 31, 1990.
- 12) Interacción hormiga-árbol. 1era Semana Académica de Química, Biología y Químico-farmacología, Escuela de Ciencias, Universidad de las Américas, Cholula, Puebla. Feb. 15, 1993.
- 13) Interacciones ecológicas y conservación de la biodiversidad. Estrategias de Planeación para la Conservación de la Biodiversidad. CCE/SEDESOL/ Instituto de Ecología, Xalapa, Ver. Marzo 17-29, 1993.
- 14) Diversity in ant/plant interactions in lowland and highlands of central Mexico. Florida International University, Miami, FL, USA. Mayo 9, 1995.
- 15) Las interacciones ecológicas a través de la asociación planta-hormiga. Facultad de Biología, Universidad Veracruzana, Xalapa, Ver. Abril 22, 1996.
- 16) Interacciones ecológicas hormiga-planta en México: estudios de caso. Instituto de Biología y Departamento de Botánica, Universidad de Brasilia, Brasil. Dic. 6, 1996.
- 17) Ant-plant associations in México: geographic variation of diversity and seasonality. 216 Buttrick Hall, Department of Biological Sciences, Vanderbilt University, Nashville, TN, USA. Oct 10, 1997.
- 18) Estudios etnoecológicos en el área Maya. E.N.E.P.-Iztacala, U.N.A.M. Abril 14, 1998.
- 19) Ant-plant interactions in Mexico: case studies. EcoEvo Lunch conference, Department of Biological Science, Washington State University, Pullman, WA, USA. Octubre 5 de 1999.

- 20) Interacciones Interespecíficas. Unidad Académica – Escuela de Biología, Benemérita Universidad Autónoma de Puebla, Puebla. Abril 8 de 2003.
- 21) Interacciones y coevolución en asociaciones hormiga-planta. División Académica de Ciencias Biológicas, Universidad Juárez Autónoma de Tabasco, Villahermosa. Octubre 21 de 2003.
- 22) Interacciones hormiga-planta: actividades y perspectivas. Coloquio de Ecología, 30 Aniversario del Instituto de Ecología, A.C. Xalapa, Veracruz. Junio 26, 2005
- 23) The study of ant-plant interactions: frontiers and perspectives. Plenary speaker (Conferencia magistral), Annual meeting of the Association for Tropical Biology and Conservation, Uberlândia, Minas Gerais, Brasil. Julio 24-28, 2005.
- 23) Interacciones hormiga-planta: actualidad y perspectivas. Centro de Educación Ambiental e Investigación Sierra de Huautla (CEAMISH), Universidad Autónoma del Estado de Morelos, Cuernavaca, Morelos. Enero 20, 2006.
- 24) Interacciones hormiga-planta: actualidades y perspectivas. Foro La Enseñanza e Investigación de la Ecología en las Universidades Públicas del Sureste de México. Universidad Autónoma de Yucatán. Mérida, Yucatán, Abril 27-28, 2006.
- 25) Análisis de redes complejas en interacciones hormiga-planta. 1er Congreso Mexicano de Ecología. Morelia, Michoacán, Noviembre 26-30, 2006.
- 26) Interacciones hormiga-planta: tres ejemplos. Laboratorio de Biotecnología y Ecología Aplicada, Universidad Veracruzana, Xalapa, Veracruz. Junio 15, 2007.
- 27) Redes complejas de mutualismos: introducción y redes hormiga-planta. Departamento de Ciencias Químico-Biológicas, Universidad de las Américas, Puebla. Octubre 30, 2008.
- 28) Interacciones y Redes Hormiga-Planta. Maestría en Ciencias Biológicas, Universidad Autónoma de Tlaxcala. Tlaxcala, Tlaxcala. Agosto 27, 2010.
- 29) Interacciones y redes complejas. Instituto de Neuroetología, Universidad Veracruzana. Xalapa, Veracruz. Octubre 8, 2010.
- 30) Interacciones interespecíficas y redes complejas hormiga-planta. XII Simposio de Zoología, Centro Universitario de Ciencias Biológicas y Agropecuarias, Universidad de Guadalajara, Guadalajara, Jalisco. Octubre 21, 2010.
- 31) Interacciones Ecológicas. Para alumnos de la licenciatura en biología de la Facultad de Ciencias, Universidad Autónoma del Estado de México. Octubre 28, 2010.
- 32) Redes de interacción ecológica. Departamento de Ciencias Químico-Biológicas, Universidad de las Américas-Puebla. Cholula, Puebla. Marzo 22, 2011.
- 33) Redes complejas de mutualismos. IX Jornadas de las Ciencias Biológicas, Des de Ciencias Naturales, Universidad Autónoma del Estado de Morelos. Cuernavaca, Morelos. Junio 7, 2011.

PPRESENTACIONES EN CONGRESOS

- 1) Rico-Gray, V. 1978. El manglar de la Laguna de la Mancha, Ver.: productividad neta. En: VII Congreso Mexicano de Botánica, México, D.F. Octubre, 1978.
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