

GONÇALO FERRAZ

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EMPLOYMENT HISTORY

2021-present *Professor Associado, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil*
2013-2020 *Professor Adjunto, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil*

POSTDOCTORAL APPOINTMENTS

2008-2012 Post-doctoral Fellow, Smithsonian Tropical Research Institute, Panama-Brazil
2007-2008 Visiting Researcher, *Fiocruz* – Department of Health, Brazil
2004-2007 Regional Scientific Development Fellow, *Instituto Nacional de Pesquisas da Amazônia*, Brazil

EDUCATION

Ph.D. Ecology and Evolutionary Biology, Columbia University, 2004
M.Phil. Ecology and Evolutionary Biology, Columbia University, 2003
M.A. Ecology and Evolutionary Biology, Columbia University, 2003
Advanced Certificate in Environmental Policy, Columbia University, 2002
Licenciatura (BA) in Biology, University of Lisbon, Portugal, 1995

PUBLICATIONS

Peer-reviewed:

- Zulian, V., D. A. W. Miller & **G. Ferraz** (2021) Endemic and threatened Amazona parrots of the Atlantic Forest: An overview of their geographic range and population size. *Diversity* 13: 416 (*Graduate student first author*)
- Zulian, V., D. A. W. Miller & **G. Ferraz** (2021) Integrating citizen-science and planned-survey data improves species distribution estimates. *Diversity and Distributions* 27: 2498-2509 (*Graduate student first author*)
- Luza, A. L., C. B. Gualdi, L. M. L. Diefenbach, L. Schüler-Faccini & **G. Ferraz** (2021) Mapeamento dinâmico da probabilidade de infestação por vetores urbanos de arbovírus nos municípios do Rio Grande do Sul, 2016-2017. *Epidemiologia e Serviços de Saúde* 30: e2020154
- Ferraz, G.** (2020) The privilege of longevity. *Nature Climate Change* 10: 890-891
- Zulian, V., E. S. Müller, K. L. Cockle, A. Lesterhuis, R. Tomasi Júnior, N. P. Prestes, J. Martinez, M. Kéry & **G. Ferraz** (2020) Addressing multiple sources of uncertainty in the estimation of global parrot abundance from roost counts: A case study with the Vinaceous-breasted Parrot (*Amazona vinacea*). *Biological Conservation* 248: 108672 (*Graduate student first author*)
- Mores, G. B., L. Schuler-Faccini, H. Hasenack, L. O. Fetzer, G. D. Souza & **G. Ferraz** (2020) Site occupancy by *Aedes aegypti* in a subtropical city is most sensitive to control during autumn and winter months. *American Journal of Tropical Medicine and Hygiene* 103: 445-4545 (*Graduate student first author*)
- Muñoz, A. P., M. Kéry, P. V. Martins and **G. Ferraz** (2018) Age effects on survival of Amazon forest birds and the latitudinal gradient in bird survival. *The Auk* 135: 299-313 (*Graduate student first author*)

- Couto, T. B. A., J. Zuanon, J. D. Olden and **G. Ferraz** (2018) Longitudinal variability in lateral hydrologic connectivity shapes fish occurrence in temporary floodplain ponds. *Canadian Journal of Fisheries and Aquatic Science* 75: 319-328 (Graduate student first author)
- Gonçalves, B. C. and **G. Ferraz** (2016) Is hearing believing? Patterns of bird voice misidentification in an online quiz. *Revista Brasileira de Ornitologia* 24: 217-227. (Undergraduate student first author)
- Abad-Franch, F., E. Z. Perea, **G. Ferraz**, S. D. Padilla-Torres and S. L. B. Luz (2015) Mosquito-disseminated pyriproxyfen yields high breeding-site coverage and boosts juvenile mosquito mortality at the neighborhood scale. *PLoS Neglected Tropical Diseases* 9: e0003702.
- Figueira, L., J. L. Tella, U. M. Camargo and **G. Ferraz** (2015) Autonomous sound monitoring shows higher use of Amazon old growth than secondary forest by parrots. *Biological Conservation* 184: 27-35 (Graduate student first author)
- Soares, L., F. Abad-Franch and **G. Ferraz** (2014) Epidemiology of cutaneous leishmaniasis in central Amazonia: a comparison of sex-biased incidence among rural settlers and field biologists. *Tropical Medicine & International Health* 19: 988-995 (Graduate student first author)
- Ferraz, G.** (2013) Island Biogeography Theory. In D. Gibson (ed.) *Oxford Bibliographies Online: Ecology*. Oxford University Press, New York.
- Cerqueira, M. C., M. Cohn-Haft, C. F. Vargas, C. E. Nader, C. B. Andretti, T. V. V. Costa, M. Sberze, J. E. Hines and **G. Ferraz** (2013) Rare or elusive? A test of expert knowledge about rarity of Amazon forest birds. *Diversity and Distributions* 19: 710-721 (Graduate student first author)
- Ferraz, G.**, G. Machado, P. R. Guimarães, Jr. and S. Koehler (2013) Fundamentos para o conteúdo e a implementação da pós-graduação em Ecologia. *Revista Brasileira de Pós-Graduação* 10: 187-209 (In Portuguese)
- Padilla-Torres, S. D., **G. Ferraz**, S. L. B. Luz, E. Z. Perea and F. Abad-Franch (2013) Modeling dengue vector dynamics under imperfect detection: three years of site-occupancy by *Aedes aegypti* and *Aedes albopictus* in urban Amazonia. *PLoS ONE* 8: e58420
- Baccaro, F. B. and **G. Ferraz** (2012) Estimating density of ant nests using distance sampling. *Insectes Sociaux* 60: 103-110
- Ferraz, G.** (2012) Twelve guidelines for biological sampling in environmental licensing studies. *Natureza & Conservação* 10: 20-26
- Ewers, R. M., R. K. Didham, L. Fahrig, **G. Ferraz**, A. Hector, R. D. Holt, V. Kapos, G. Reynolds, W. Sinun, J. L. Snaddon and E. C. Turner (2011) A large-scale forest fragmentation experiment: the Stability of Altered Forest Ecosystems Project. *Philosophical Transactions of the Royal Society B* 366: 3292-3302
- Abad-Franch, F., **G. Ferraz**, C. Campos, F. S. Palomeque, M. J. Grijalva, H. M. Aguilar, and M. A. Miles (2010) Modeling disease vector occurrence when detection is imperfect: infestation of Amazonian palm trees by Triatomine bugs at three spatial scales. *PLoS Neglected Tropical Diseases* 4: e620
- Ferraz, G.**, M. Sberze, and M. Cohn-Haft (2010) Response: Using occupancy estimates to fine-tune conservation concerns. *Animal Conservation* 13: 19-20
- Sberze, M., M. Cohn-Haft, and **G. Ferraz**. (2010) Old growth and secondary forest site occupancy by nocturnal birds in a neotropical landscape. *Animal Conservation*. 13: 3-11 (feature paper, graduate student 1st author)
- Martin, J., J. D. Nichols, C. L. McIntyre, **G. Ferraz**, and J. E. Hines. (2009) Perturbation analysis for patch occupancy dynamics. *Ecology* 9: 10-16
- Ferraz, G.**, C. E. Marinelli, and T. E. Lovejoy (2008) Biological monitoring in the Amazon: Recent progress and future needs. *Biotropica* 40: 7-10

- Ferraz, G.**, J. D. Nichols, J. E. Hines, P. C. Stouffer, R. O. Bierregaard, Jr., and T. E. Lovejoy (2007) A large-scale experiment in tropical deforestation: effects of habitat area and isolation on Amazon forest birds. *Science* 315: 238-241
- Clark, J. S., **G. Ferraz**, N. Oguge, H. Hays, and J. DiCostanzo (2005) Hierarchical Bayes for structured, variable populations: from recapture data to life-history prediction. *Ecology* 86: 2232-2244.
- Ferraz, G.**, G. J. Russell, P. C. Stouffer, R. O. Bierregaard, Jr., S. L. Pimm, and T. E. Lovejoy (2003) Rate of species loss from Amazonian forest fragments. *Proceedings of the National Academy of Sciences of the United States of America* 100: 14069-14073
- Sears, R. R., L. M. Dávalos, and **G. Ferraz** (2001) Missing the forest for the profits: the role of multinational corporations in the international forest regime. *Journal of Environment and Development* 10: 345-364

Book chapters:

- Ferraz, G.** (2013) Sobre o uso de ‘fragmentação’. In C. A. Peres, I. Vieira, T. Gardner & J. Barlow (eds) Conservação de Biodiversidade em Paisagens Florestais Antropizadas. Fundação O Boticário and Editora da Universidade Federal do Paraná. Curitiba. (*In Portuguese*)

Book translation:

- Gotelli, N. (2007) Ecologia. Editora Planta. Londrina (*Translation of Nicholas Gotelli's "A Primer of Ecology" to Portuguese*)

Popular articles:

- Guix, J. C., X. Ruiz, M. Martín, and **G. Ferraz** (2000) Ciudades y pueblos son centros de exportación de semillas exóticas. *Quercus* 172: 6-7 (*In Spanish*)
- Beja, P., F. Moreira, J. Palmeirim, and **G. Ferraz** (1995) Invernada de aves em biótopos agrícolas da costa Sudoeste Portuguesa. *Ciência e Natureza* 2: 14-17 (*In Portuguese*)
- Silva, J. M., and **G. Ferraz** (1992) Que ciência para Portugal? *Ciência* 2 (4): 5-9 (*In Portuguese*)

Reports and other scientific manuscripts:

- Ferraz, G.** (2004) Do birds of a feather flock together? An experimental study of hetero-specific flocking. (*Research report submitted to the Frank M. Chapman Memorial Fund*)

TEACHING

Graduate:

- 2019 Introduction to Hierarchical Modeling (in Spanish), 2 cr.
Universidad Nacional de San Agustín de Arequipa, Peru, 20 students
- 2018-2021 Population Ecology, 2 cr.
Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil, 10-20 students/year for four years.
- 2018-2021 Introduction to Hierarchical Modeling (in Portuguese), 2 cr.
Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil, 15-25 students/year for four years

- 2013-2017 Population Ecology, 4 cr.
Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil, 25-30 students/year for five years.
- 2005-2014 Population Ecology, 4 cr.
Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil, 25-30 students per year for ten years.
- 2014 Introduction to Hierarchical Modeling for Site-Occupancy Estimation, 2 cr.
Universidade Federal do Mato Grosso, Cuiabá, Brazil, 10-20 students
- 2009-2010 Population Ecology, 4 cr.
Universidade de São Paulo, São Paulo, Brazil, 10-20 students per year for two years.
- 2009 Population Ecology, 4 cr. co-taught with Prof. Fernando Fernandez,
Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil, 10-20 students.
- 2010 Occupancy Estimation for Research and Management, 2 cr.
UNICAMP, Campinas, Brazil, 10-20 students.
- 2006 Population Ecology, 4 cr.
Universidade Federal de Mato Grosso, Cuiabá, Brazil, 20-30 students.
- 2002 Population Ecology, co-taught with Prof. Stuart L. Pimm, 2 cr.
Nicholas School of the Environment, Duke University, 10-20 students.

Undergraduate:

- 2013-2018 Introduction to Ecology and Evolution for the Health Sciences (BIO11418), 2 cr.
UFRGS, 80 Nursing, Physiotherapy and Biomedicine students per year for six years.
- 2014-2018 Population Biology (BIO11028), 4 cr.
UFRGS, 5-10 senior Biology students per year for five years.
- 2013 Introduction to Ecology for the Agricultural Sciences (BIO11009), 2 cr.
UFRGS, 60 Agronomy and Animal Farming students for one year.
- 2013 Introduction to Ecology for Engineers (BIO11010), 2 cr.
UFRGS, 15 Engineering students for one year.

Workshops:

- 2012-2017 I-VI Bird Banding and Molt Analysis Course, International workshops coordinated by GF and co-taught with banding instructors Jared Wolfe, Erik Johnson, Pablo Elizondo, Diego Garcia, Camila Gomez, Flor Hernández, Andrés Henao and Nick Bayly
UFRGS, Location itinerant, including Amazon Forest, Atlantic Forest and Colombian Guajira Dry Forest. 20 participants per year for six years.
- 2014-2016 I, II, and III Porto Alegre Hierarchical Modeling Workshop, International workshops coordinated by GF and co-taught with Marc Kéry, Juan Manuel Morales, and David Miller
Universidade Federal do Rio Grande do Sul, Porto Alegre, 20-30 participants/year for three years.
- 2016 Cost-effective Wildlife Monitoring at Large Scales: Introduction to Site-Occupancy and Mark-Recapture Methods, co-taught with Darryl MacKenzie, 20-30 participants
Wildlife Conservation Society, Manaus, Brazil
- 2009 Population Sampling and Occupancy Estimation in Environmental Licensing, 5-day Workshop,
EPE, Ministry of Mines and Energy, Rio de Janeiro, Brazil, 20-30 participants.
- 2008 Occupancy Estimation in Space and Time, 5-day Workshop,
IBAMA, Ministry of the Environment, Brasília, Brazil, 10-20 participants.

- 2007 2nd TEAM Analytical Workshop, 3-day Workshop with James D. Nichols, James E. Hines, Steve Buckland and Tim O'Brien
Smithsonian Tropical Research Institute, Panama, 10-20 participants.
- 2007 Parameter Estimation and Decision-Making for Conservation and Management of Animal Populations and Communities, 8-day Workshop with James D. Nichols, James E. Hines and Byron K. Williams
Universidade Federal do Mato Grosso, Chapada dos Guimarães, 20-30 participants
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MENTORING

Postdoctoral Advisorship:

- 2018-2020 André Luis Luza (*UFRGS*) Occupancy dynamics of *Aedes aegypti* in the state of Rio Grande do Sul, Brazil.

Graduate Student Advisorship:

- 2020- Diego Zavala (MSc, *Universidade Federal do Rio Grande do Sul – UFRGS*) Tree cavity use by Parrots in two neotropical forest sites.
- 2017-2021 Viviane Zulian (PhD, *UFRGS*) Distribution range mapping and population growth rate estimation for the Vinaceous parrot, *Amazona vinacea*.
- 2017-2019 Guilherme Barradas Morés (MSc, *UFRGS*) Dynamics of *Aedes aegypti* infestation in Porto Alegre: sensitivity of site occupancy to changes in occupancy dynamics rates.
- 2016-2018 Iara Reinaldo Coriolano (MSc, *UFRGS*) Occupancy-abundance relationship among Amazon forest understory birds.
- 2015-2017 Giuliano Müller Brusco (MSc, *UFRGS*) A spatial capture-recapture test of the hypothesis that younger birds have larger home ranges than their adult counterparts.
- 2015-2017 Camila Leão da Silveira (MSc, *UFRGS*) Intra- and inter-specific relationships between body mass and apparent survival among Amazon forest understory birds.
- 2015-2017 Viviane Zulian (MSc, *UFRGS*) Abundance of the endangered Vinaceous parrot (*Amazona vinacea*) in Western Santa Catarina, Brazil.
- 2015-2016 Caroline Poitevin (MSc, *UFRGS*) Non-random inter-specific encounters between Amazon forest birds: finding mixed-species flocks in mist-netting and autonomous recording data.
- 2014-2016 Pedro Vitor Ribeiro Martins (MSc, *Instituto Nacional de Pesquisas da Amazônia – INPA*) Analysis of actuarial senescence in the White-plumed antbird, *Pythis albifrons*.
- 2013-2015 Carolina Schuch de Oliveira (MSc, *INPA*) Prevalence and diversity of avian malaria parasites in relation to host population density of Amazon forest understory birds.
- 2013-2015 Alejandra Muñoz Pizarro (MSc, *UFRGS*) Age effects on survival of Amazon forest birds and the latitudinal gradient in bird survival.
- 2012-2014 Humberto Mohr (MSc, *INPA*) Variation in vocalization with distance among oscine and suboscine birds of Amazon understory forest.
- 2012-2014 Luiza Figueira (MSc, *INPA*) A Multi-state analysis of primary and secondary-forest site occupancy by Parrots in a Central Amazon site.

- 2012-2014 Vanessa França Vindica (MSc, *INPA*), Temporal variation of bird vocal activity throughout the morning and throughout the dry season in a Amazon forest site.
- 2011-2013 Francisco Carvalho Diniz (MSc, *INPA*), Comparison of primary and secondary forest site occupancy by lekking birds of the Central Amazon.
- 2011-2013 Gabriel McCrate (MSc, *INPA*), Spatial distribution and individual identification of Tinamous *Tinamus major* and *Crypturellus variegatus* based on autonomous recording data.
- 2011-2013 Thiago Couto (MSc, *INPA*), Spatial-autocorrelation of site occupancy by stream fish in a tropical primary forest basin.
- 2010-2012 Aída Rodrigues (MSc, *INPA*), Multi-state mark-recapture modeling of ant-follower survival and movement between primary and secondary forest sites.
- 2010-2012 Tatiana Straatman (MSc, *INPA*), Model home range and individual movements of two understory bird species with different hypothetical movement patterns.
- 2009-2011 Ulisses M. Camargo (MSc, *INPA*), Comparison of tree-fall gap and closed forest site occupancy by understory birds.
- 2009-2011 Sandra M. de Freitas (MSc, *INPA*), Comparison of primary and secondary forest site occupancy by diurnal understory birds.
- 2008-2010 Carlos E. Nader (MSc, *INPA*), *Dinâmica de ocorrência de papa-formigas (Aves: Thamnophilidae) em uma parcela de floresta primária de terra firme.*
- 2008-2010 Leticia Soares (MSc, *INPA*), *Fatores de risco de Leishmaniose cutânea em duas populações humanas da Amazônia Central.*
- 2007-2009 Marconi C. Cerqueira (MSc, *INPA*), *Quantificação de um critério de conservação: raridade de aves de terra firme na Amazônia Central.*
- 2007-2009 Mônica Sberze (MSc, *INPA*), *A floresta secundária como habitat de aves noturnas: comparações de ocorrência entre a mata primária e ambientes perturbados na Amazônia Central.*

Graduate Student Co-Advisorship:

- 2014-2016 Michelle Abadie Vasconcellos (MSc, *UFRGS*) Population ecology of a threatened, elusive and micro-endemic anuran: the Red-belly toad, *Melanophryniscus admirabilis*.
- 2011-2013 Juliana Bonanomi (MSc, *INPA*) Relation between moonlight phase and vocal activity of nocturnal birds in primary and secondary forest sites.
- 2010-2012 Samael Padilla (MSc, *INPA*) A test of *Aedes aegypti* and *A. albopictus* mosquito population control with the juvenile hormone analogue pyriproxyfen.
- 2005-2007 Carlos R. Abrahão (MSc, *INPA*) *Efeito de riachos, chuva e disponibilidade de presas na ocorrência de Bothrops atrox (Serpentes: Viperidae) em uma area de 25 Km² na Amazônia Central.*

Undergraduate Thesis Advisorship:

- 2017 Débora Glienke (BA in Biology, *UFRGS*) Extent of spatial autocorrelation in vocal parameters throughout the distribution range of four Neotropical forest birds.
- 2016 Guilherme Barradas Morés (BA in Biology, *UFRGS*) A hierarchical model of site occupancy by *Aedes aegypti* in Porto Alegre, Brazil.
- 2016 Bruna Amaral (BA in Biology, *UFRGS*) Population density of Amazon understory forest passerines in primary and secondary forest sites.

- 2015 Pâmela Friedemann (BA in Biology, UFRGS) Sexual dimorphism in Amazon understory forest passerines: a comparison of genetic and morphologic diagnoses.
- 2014 Bento Collares Gonçalves (BA in Biology, UFRGS) Patterns of birds species mis-identification by expert observers in an online audio quiz.

HONORS AND AWARDS

- 2013-2017 National Science Foundation (co-PI, with Philip Stouffer), LTREB renewal award #1257340.
- 2015-2017 *Conselho Nacional de Desenvolvimento Científico e Tecnológico*, Bolsa PQ-2
- 2010 Smithsonian Tropical Research Institute, Center for Tropical Forest Science Research Grant, “Predicting occurrence of cavity-nesting birds from tree-demographic data”, co-PI Cintia Cornelius.
- 2008 Amazonas State Government, *FAPEAM Programa Primeiros Projetos* Research Grant, “*Dinâmica populacional e vulnerabilidade ao desmatamento em aves do sub-bosque na Amazônia Central*”.
- 2006 Smithsonian Tropical Research Institute, Postdoctoral Research Award, “Demographic and ecological predictors of vulnerability to fragmentation in Amazon forest birds.”
- 2000 Frank M. Chapman Memorial Fund, AMNH, Research Grant, “An experimental assessment of the effects of predation and food availability on the frequency of mixed-species flock formation”.
- 1997-2004 Columbia University, CERC Partial Doctoral Scholarship.
- 1997-2004 Fulbright fellowship for doctoral studies.
- 1998-2002 Portuguese Government / European Union, PRAXIS XXI Partial Doctoral Scholarship.
- 1996 SUNY Stony Brook, Master’s Scholarship.

CONTRIBUTED PAPERS

- XXVII Congresso Brasileiro de Ornitologia*, August 2021, Online, **G. Ferraz**. *Mapeamento estatístico da distribuição de espécies de aves*.
- Virtural Asilomar 2021 Meeting of the American Society of Naturalists, January 2021, Online, **G. Ferraz**, I. R. Coriolano. Does the Damuth rule apply at the local scale? An investigation with tropical forest understory birds.
- XIII Congresso de Ecologia do Brasil & III International Symposium of Ecology and Evolution*, October 2017, Viçosa, Brazil, **G. Ferraz**. Modelagem estatística de populações: Entre o progresso no conhecimento e a burocratização da ciência.
- 1ª Reunião da ABECO & 5º Simpósio de Ecologia Teórica*, October 2016, Gramado, Brazil, **G. Ferraz**, J. M. Morales, P. Inchausti. Mind the gap: Why are there not more scientific discoveries in ecology?
- X Neotropical Ornithological Congress & *XXII Congresso Brasileiro de Ornitologia*, July 2015, Manaus, Brazil. **G. Ferraz**. Are there abundant rare species out there?
- International Statistical Ecology Conference, July 2014, Montpellier, France. **G. Ferraz**, S. M. Freitas, U. M. Camargo. Do old-growth birds go to secondary forest? A multi-species hierarchical model of site occupancy by Amazon forest birds. (*Presented by U. M. Camargo*)
- XXIV International Bioacoustics Congress, September 2013, Pirenópolis, Brazil. **G. Ferraz**. Automated acoustic monitoring: Challenges and opportunities—Symposium concluding remarks.

- EURING Analytical Meeting & Workshop, May 2013, Athens, USA. **G. Ferraz**, J. D. Nichols, J. E. Hines, R. O. Bierregaard, Jr., T. E. Lovejoy. Birds species richness in Amazon forest patches of different sizes: a re-evaluation of the SLOSS problem. (*Presented by J. D. Nichols*)
- International Statistical Ecology Conference, July 2012, Krokkleiva, Norway. **G. Ferraz**, B. Gardner, J. A. Royle. Inference about survival and movement in marked animals using multi-state models with spatially-indexed states.
- 49th Annual Meeting of the Association for Tropical Biology and Conservation, June 2012, Bonito, Brazil. **G. Ferraz**, A. Rodrigues, T. Straatmann. What does ‘being there’ mean? Using individual movements to help interpret site-occupancy results.
- IX Neotropical Ornithological Congress, November 2011, Cusco, Peru. **G. Ferraz**, M. C. Cerqueira, M. Sberze, J. V. C. Silva, U. M. Camargo, S. M. Freitas. Natural history with numbers: quantitative tests of rarity and habitat use for central Amazon birds.
- 8th Conference of the European Ornithologist’s Union, August 2011, Riga, Latvia. B. Gardner, J. V. Campos e Silva, **G. Ferraz**. Incorporation of spatial information in capture-recapture modeling: comparing movement patterns of adults and juveniles. (*Presented by B. Gardner*)
- IV Workshop de Genética e Biologia Molecular de Insectos Vectors de Doenças Tropicais*, September 2010, Recife, Brazil. S. B. Luz, F. Abad-Franch, **G. Ferraz**. Sensitivity of Ovitrap and Adultraps® for detecting household infestation by the Dengue vectors *Aedes aegypti* and *Aedes albopictus*.
- International Ornithological Congress, August 2010, Campos do Jordão, Brazil. M. C. Cerqueira, M. Cohn-Haft, **G. Ferraz**. Quantifying rarity in Amazonian birds. (*Graduate student 1st author*)
- American Ornithologist’s Union, August 2008, Portland, OR. **G. Ferraz**, J. D. Nichols, J. E. Hines, R. O. Bierregaard, Jr., and P. C. Stouffer. SLOSS revisited: Bird species richness in Amazon forest patches.
- World Congress of Herpetology, August 2008, Manaus, Brazil. C. Abrahão, A. Lima, **G. Ferraz**. Where are the Lanceheads? Environmental covariates of occupancy in a cryptical snake. (*Graduate student 1st author*)
- Ecological Society of America, August 2005, Montreal, Canada. **G. Ferraz**. Bird species loss in Amazon forest fragments: implications for conservation practice.
- Association for Tropical Biology and Conservation, July 2005, Uberlândia, Brazil. **G. Ferraz**. Separate effects of patch size and isolation on the local extinction of some Amazonian birds.
- North American Ornithological Conference, September 2002, New Orleans, LA. **G. Ferraz**, G. J. Russell, P. C. Stouffer, R. O. Bierregaard, Jr., S. L. Pimm and T. E. Lovejoy. Rate of species loss from Amazonian forest fragments.
- Society for Conservation Biology, July 2002, Canterbury, England. **G. Ferraz**, G. J. Russell, P. C. Stouffer, R. O. Bierregaard, Jr., S. L. Pimm, and T. E. Lovejoy. Rate of species loss from Amazonian forest fragments.

INVITED PAPERS AND SEMINARS

- Seminário do PPG Medicina Tropical, UnB, Brasília, Brazil, February 2022*
- Palestra Inaugural do PPG Genética e Biologia Molecular, UFRGS, Porto Alegre, Brazil, September 2019*
- Reunião Censos Nacional e Mundial de Papagaio-de-peito-roxo, Foz do Iguaçu, Brazil, April 2016*
- Workshop Fauna e Eólicas no RS: Perguntas Prioritárias, Porto Alegre, Brazil, November 2015*
- I Seminário de Monitoramento de Aves Silvestres em UC’s de Santa Catarina, Florianópolis, Brazil, July 2015*
- IV Simpósio de Ecologia Teórica, Goiânia, Brazil, November 2013*
- World Bank Environmental Licensing Symposium, Brasília, Brazil, August 2010*

European Science Foundation SIZEMIC Symposium, Barcelona, Spain, June 2010
ARCADIS Tetraplan Environmental Licensing Workshop, São Paulo, Brazil, August 2009
Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil, April 2009
Evolutionary Islands 150 Years After Darwin Symposium, Leiden, The Netherlands, February 2009
University of Missouri, St. Louis, MO, February 2009
Tupper Talk, Smithsonian Tropical Research Institute, Panama, Panama, October 2007
Mamirauá Monitoring Symposium, Tefé, Brazil, June 2007
Instituto Superior de Agronomia, Lisbon, Portugal, December 2006
Smithsonian National Zoological Park, Washington, DC, July 2006
Bambi Talk, Smithsonian Tropical Research Institute, Barro Colorado Island, Panama, February 2006
Tupper Talk, Smithsonian Tropical Research Institute, Panama, Panama, February 2006
25th Anniversary BDFFP Symposium, Manaus, Brazil, July 2004

REVIEWER FOR

Acta Amazonica, Animal Conservation, Auk, Biological Conservation, Biotropica, Conservation Biology, Diversity and Distributions, Ecological Applications, Ecology, Ecology Letters, Emu, Frontiers in Ecology and Evolution – Conservation and Restoration Ecology, Journal of Applied Ecology, Journal of Herpetology, Journal of Wildlife Management, Methods in Ecology and Evolution, Oikos, PLoS NTDS, PLoS ONE, Proceedings of the Royal Society B, Restoration Ecology, Revista Brasileira de Ornitologia, Revista Brasileira de Zoologia, The Condor, Zoologia

OTHER INFORMATION

Languages: Fluent in Portuguese, English, Spanish, and Catalan

Programming Languages: Regular use of R, WinBUGS and jags.