

Curriculum vitae

Personal information

Name	Fabio Laurindo da Silva
Nationality	Brazilian
Address	Museum of Comparative Zoology, Department of Organismic and Evolutionary Biology, Harvard University, 26 Oxford Street, Cambridge, MA 02138
E-mail	laurindodasilva@fas.harvard.edu

Field of Specialization

Ecology, Evolutionary biology, Phylogeny and Historical Biogeography

Interests

- * Biogeography, phylogenetic and taxonomic research on Diptera, especially the Tanypodinae subfamily, Chironomidae.
- * Phylogenetic relationships within Diptera, Insecta and Arthropoda.
- * Evolutionary ecology and phylogenetics – theory and application.
- * Biodiversity research, species concepts, speciation and conservation.

Languages

Portuguese (Native), English (Fluent), Spanish (reading, listening, speaking), French (reading)

Employment

April 2014 - present

Postdoctoral Fellow in the Museum of Comparative Zoology, Department of Organismic and Evolutionary Biology, Harvard University.

Title of project: Understanding the ancient origins of South American biodiversity: a molecular perspective on the evolution and biogeography of non-biting midges (Diptera: Chironomidae).

Advisor: Dr. Brian D. Farrell

Education

December 2012

Ph.D. in Science from University of São Carlos.

Title of Dissertation: “Systematics and biogeography of *Labrundinia* Fittkau, 1962 (Diptera: Chironomidae: Tanypodinae): a morphological and molecular approach.”

Advisor: Drs Alaide Aparecida Fonseca Gessner & Torbjørn Ekrem

May 2011 - May 2012

Ph.D. student in the joint Museum of Natural History and Archaeology (Trondheim, Norway) and University of São Carlos program in Ecology and Natural Resources. Advisor: Torbjørn Ekrem

March 2009

Master of Science in Ecology and Natural Resources from University of São Carlos

Title of thesis: “*Labrundinia* Fittkau, 1962 (Diptera: Chironomidae: Tanypodinae: Pentaneurini): taxonomy and natural history of species from São Paulo State.”

Advisor: Dr. Alaide Aparecida Fonseca Gessner

December 2006

Full Teaching Degree in Biological Sciences, from São Paulo State University.

Title of thesis: “Chironomidae (Diptera) of Ribeirão dos Peixes, Dois Córregos, SP.”

Advisor: Dr. Sonia Silveira Ruiz

Awards and Grants

- 2015 Putnam Expedition Travel Grant, Museum of Comparative Zoology, Harvard University, \$5,200
- 2015 Ernst Mayr Travel Grants, Museum of Comparative Zoology, Harvard University, \$1,500
- 2014 Center for Systematic Entomology Grant, Florida State Collection of Arthropods, \$500
- 2013 Post-doctoral fellowship, Brazilian Ministries of Science, Technology and Education (CAPES), \$65,000
- 2012 Conference Grant, Trondheim, Research School in Biosystematics (ForBio), \$140
- 2011 Travel Grant, Stockholm, Research School in Biosystematics (ForBio), \$700
- 2011 Travel Grant, Bergen, Research School in Biosystematics (ForBio), \$230
- 2011 Travel Grant, Oslo, Research School in Biosystematics (ForBio), \$250
- 2011 Personal Mobility Grant, Research Council of Norway (RCN), \$25,000
- 2011 Sandwich Ph.D. Fellowship, Brazilian Ministries of Science, Technology and Education (CNPq) \$26,000
- 2010 Ernst Mayr Travel Grant, Museum of Comparative Zoology, Harvard University, \$1,500
- 2010 DAAD Research stays in Germany, Deutscher Akademischer Austausch Dienst, \$2,000
- 2009 Center for Systematic Entomology Grant, Florida State Collection of Arthropods, \$500
- 2009 Jessup Award, The Academy of Natural Sciences of Philadelphia (ANSP), \$7,000.00
- 2009 Ph.D. Fellowship, National Council for Scientific and Technological Development (CNPq), \$39,000
- 2008 Masters Fellowship, São Paulo Research Foundation (FAPESP) \$7,700
- 2007 Masters Fellowship, Brazilian Ministries of Science, Technology and Education (CAPES) \$7,100
- 2006 Program academic support and extension I, São Paulo State University (UNESP) \$1,400
- 2005 Program academic support and extension I, São Paulo State University (UNESP) \$1,400
- 2004 Scientific Initiation Fellowship, São Paulo State University (UNESP/PIBIC/REITORIA) \$1,400
- 2004 Program academic support and extension I, São Paulo State University (UNESP) \$1,400
- 2003 Program academic support and extension I, São Paulo State University (UNESP) \$1,400

Publications (PDFs available upon request or follow links provided below)

38. **Silva, F.L.**, Ekrem, T., & Fonseca-Gessner, A.A. **2015**. Out of South America: Phylogeny of non-biting midges in the genus *Labrundinia* (Diptera: Chironomidae) suggests multiple dispersal events to Central and North America. *Zoologica Scripta*, 44: 59-71.
URL: <http://onlinelibrary.wiley.com/doi/10.1111/zsc.12089/full>
37. **Silva, F.L.** & Wiedenbrug, S. **2015**. *Amazonimyia gigante* gen. n., sp. n., a new Tanypodinae (Diptera: Chironomidae) from the Neotropical Region. *Zootaxa*, 3947 (2): 275–281.
URL: <http://www.mapress.com/zootaxa/2015/f/z03947p281f.pdf>
36. **Silva, F.L.** & Wiedenbrug, S. **2014**. Integrating DNA barcodes and morphology for species delimitation in the *Corynoneura* group (Chironomidae: Orthoclaadiinae). *Bulletin of Entomological Research*, 104: 65–78.
URL: <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9040287>
35. Oliveira, C.S.N., **Silva, F.L.** & Trivinho-Strixino, S. **2014**. Two new species of *Parapentaneura* Stur, Fittkau et Serrano, 2006 (Chironomidae: Tanypodinae) from Neotropical Region, with keys to the males and immature stages. *Studies on Neotropical Fauna and Environment*. 49: 26-35.
URL: http://www.tandfonline.com/doi/abs/10.1080/01650521.2014.909115#.VEp_IPnF8YM
34. **Silva, F.L.**, Fonseca-Gessner, A.A. & Ekrem, T. **2014**. A taxonomic revision of genus *Labrundinia* Fittkau, 1962 (Diptera: Chironomidae: Tanypodinae). *Zootaxa*, 3769:1-185.
URL: <http://biotaxa.org/Zootaxa/article/view/zootaxa.3769.1.1>

33. **Silva, F.L.**, Oliveira, C.S.N. & Trivinho-Strixino, S. **2014**. *Metapelopia corbii* gen. n., sp. n., a new Tanypodinae (Diptera: Chironomidae) from the Neotropical Region. *Annales de Limnologie - International Journal of Limnology*, 50: 85-95.
URL: <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9175620>
32. **Silva, F.L.**, Wiedenbrug, S. & Oliveira, C.S.N. **2014**. *Denopelopia moema*, a new Tanypodinae (Diptera: Chironomidae) from the Neotropical Region. *Zootaxa*, 3753: 297-299.
URL: <http://biotaxa.org/Zootaxa/article/view/zootaxa.3753.3.9>
31. **Silva, F.L.**, Ekrem, T. & Fonseca-Gessner, A.A. **2013**. DNA barcodes for species delimitation in Chironomidae (Diptera): a case study on genus *Labrundinia*. *The Canadian Entomologist*, 145: 589-602.
URL: <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9040287>
30. Oliveira, C.S.N., **Silva, F.L.** & Trivinho-Strixino, S. **2013**. Four new species of *Clinotanypus* Kieffer, 1913 (Diptera: Chironomidae: Tanypodinae) from Neotropical Region. *Journal of Natural History*, 48: 317-343.
URL: <http://www.tandfonline.com/doi/full/10.1080/00222933.2013.825019>
29. Oliveira, C.S.N., **Silva, F.L.** & Trivinho-Strixino, S. **2013**. *Thalassomyia gutae* sp. n., a new maritime chironomid (Chironomidae: Telmatogetoninae) from the Brazilian coast. *Zootaxa*, 3701: 589–595.
URL: <http://biotaxa.org/Zootaxa/article/view/zootaxa.3701.5.4>
28. Wiedenbrug, S. & **Silva, F.L.** **2013**. New species of *Nanocladius* Kieffer, 1913 (Diptera: Chironomidae: Orthocladiinae) from Neotropical Region. *Zootaxa*, v. 49, p. 255-264.
URL: <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9061918>
27. Trivinho-Strixino, S, **Silva, F.L.** & Oliveira, C.S.N. **2013**. *Tapajos cristinae* n. gen., n. sp. (Diptera: Chironomidae: Chironominae) from Neotropical Region. *Zootaxa* 3710: 395–399.
URL: <http://biotaxa.org/Zootaxa/article/view/zootaxa.3710.4.9>
26. **Silva, F.L.**, Wiedenbrug, S., Oliveira, C.S.N., Trivinho-Strixino, S. & Pepinelli, M. **2012**. Two new species of *Hudsonimyia* Roback, 1979 (Diptera: Chironomidae: Tanypodinae) from Neotropical Region unveiled by morphology and DNA Barcoding. *Journal of Natural History*, 46: 1615-1638.
URL: <http://www.tandfonline.com/doi/abs/10.1080/00222933.2012.681315#preview>
25. **Silva, F.L.**, Trivinho-Strixino, S. & Valente-Neto F. **2012**. First record of Chironomidae larvae (Insecta, Diptera) as prey of *Temnocephala* (Platyhelminthes, Temnocephalidae), an ectosymbiont on *Corydalidae* larvae (Megaloptera). *Revista Brasileira de Entomologia*, 56: 387-389.
URL: <http://www.scielo.br/pdf/rbent/v56n3/aop4712.pdf>
24. Oliveira, C.S.N. & **Silva, F.L.** **2011**. Two new species of *Larsia* Fittkau, 1962 (Chironomidae: Tanypodinae) from Neotropical Region, with a checklist of *Larsia* species of the world. *Zootaxa*, 2786: 27-41.
URL: <http://www.mapress.com/zootaxa/2011/f/z02786p041f.pdf>
23. **Silva, F.L.**, Oliveira, H.N., Escarpinati, S.C., Fonseca-Gessner, A.A. & Paula, M.C. **2011**. Colonization of leaf litter of two aquatic macrophytes, *Mayaca fluviatilis* Aublet and *Salvinia auriculata* Aublet by aquatic macroinvertebrates in a tropical reservoir. *Ambiente & Água*, 6: 30-39.
URL: <http://www.ambiagua.net/seer/index.php/ambiagua/article/view/497>
22. **Silva, F.L.**, Pauleto, G.M., Ruiz, S.S. & Talamoni, J.B.L. **2011**. Aquatic macroinvertebrates survey and assessment of two artificial reservoirs into conservation units from the Southeast Region of Brazil. *Pan American Journal of Aquatic Sciences*, 6: 57-64.
URL: [http://www.panamjas.org/pdf_artigos/PANAMJAS_6\(1\)_57-64.pdf](http://www.panamjas.org/pdf_artigos/PANAMJAS_6(1)_57-64.pdf)
21. Oliveira, C.S.N., Trivinho-Strixino, S. & **Silva, F.L.** **2011**. *Riethia manauara* n. sp., an Amazonian Chironomid (Diptera: Chironomidae) from Brazil. *Neotropical Entomology*, 40: 595-599.
URL: http://www.scielo.br/scielo.php?pid=S1519-566X2011000500011&script=sci_arttext
20. **Silva, F.L.** **2011**. Types Chironomidae at the Museum of Comparative Zoology, Boston. *Chironomus Newsletter on Chironomidae Research*, 24: 18-22.

- URL: <http://www.ntnu.no/ojs/index.php/chironomus/article/view/1308>
19. **Silva, F.L.**, Fonseca-Gessner, A.A. & Ekrem, T. **2011**. Revision of *Labrundinia maculata* Roback, 1971, a new junior synonym of *L. longipalpis* (Goetghebuer, 1921) (Diptera: Chironomidae: Tanypodinae). *Aquatic Insects*, 33: 293-303.
URL: <http://www.tandfonline.com/doi/abs/10.1080/01650424.2011.640434?journalCode=naqi20#preview>
 18. Trivinho-Strixino, S. & **Silva, F.L.** **2011**. A new species of *Pelomus* Reiss, 1989 (Diptera: Chironomidae:) from the Neotropical Region, with emendation of the generic diagnosis. *Aquatic Insects*, 33: 273-279.
URL: <http://www.tandfonline.com/doi/abs/10.1080/01650424.2011.614390>
 17. **Silva, F.L.**, Trivinho-Strixino, S. & Oliveira, H.N. **2010**. New species of *Cryptochironomus* Kieffer, 1918 (Diptera: Chironomidae: Chironominae) from Brazil. *Zootaxa*, 2614: 18-32.
URL: <http://www.mapress.com/zootaxa/2010/f/z02614p032f.pdf>
 16. **Silva, F.L.** & Gelhaus, J. **2010**. Types Chironomidae (Diptera) at the Academy of Natural Sciences of Philadelphia. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 159: 213-228.
URL: <http://www.bioone.org/doi/abs/10.1635/053.159.0112>
 15. Trivinho-Strixino, S., **Silva, F.L.** & Roque, F.O. **2010**. A new species of *Parachironomus* Lenz, 1921 (Diptera: Chironomidae: Chironominae), and description of immature stages of two other species from the Neotropical Region. *Zootaxa*, 2689: 1-14.
URL: <http://www.mapress.com/zootaxa/2010/f/z02689p014f.pdf>
 14. **Silva, F.L.**, Rodrigues, P.F.M., Talamoni, J.L.B., Ruiz, S.S., Andreo, M., Bueno, S.F. & Bochini, G.L. **2009**. Bioindicators of water quality: subsidies for an Environmental Education Project in the City Botanic Garden in Bauru – SP, Brazil. *Revista Ciência em Extensão*, 5: 94-105. (in Portuguese)
URL: <http://www.mapress.com/zootaxa/2010/f/z02689p014f.pdf>
 13. **Silva, F.L.** & Fonseca-Gessner, A.A. **2009**. The immature stages of *Labrundinia tenata* (Diptera: Chironomidae: Tanypodinae) and redescription of the male. *Zoologia*, 26: 541-546.
URL: http://ojs.unesp.br/index.php/revista_proex/article/view/14/65
 12. **Silva, F.L.**, Moreira, D.C., Ruiz, S.S. & Bochini, G.L. **2009**. Diversity and abundance of aquatic macroinvertebrates in a lotic environment in Midwestern São Paulo State, Brazil. *Ambiente & Água*, 4: 37-44.
URL: <http://www.ambiagua.net/seer/index.php/ambiagua/article/viewArticle/185>
 11. **Silva, F.L.**, Pauleto, G.M., Talamoni, J.L.B. & Ruiz, S.S. **2009**. Functional trophic categorization of the macroinvertebrate communities of two reservoirs in the Midwest region of São Paulo, Brazil. *Acta Scientiarum. Biological Sciences*, 31: 73-78. (in Portuguese)
URL: <http://periodicos.uem.br/ojs/index.php/ActaSciBiolSci/article/view/331>
 10. **Silva, F.L.**, Bochini, G.L., Ruiz, S.S. & Moreira, D.C. **2009**. Aquatic macroinvertebrates of Batalha river reservoir for water capitation and supply of the city of Bauru, SP, Brazil. *Ambiente & Água*, 4: 66-74. (in Portuguese)
URL: <http://www.ambiagua.net/seer/index.php/ambiagua/article/view/217>
 9. **Silva, F.L.**, Silveira, L.A., Talamoni, J.L.B. & Ruiz, S.S. **2009**. Temporal variation of Chironomidae larvae (Diptera) in the Batalha River, Midwestern São Paulo State, Brazil. *Science et Praxis*, 2: 7-12.
URL: <http://www.fip.fespmg.edu.br/ojs/index.php/scientae/article/viewArticle/85>
 8. **Silva, F.L.**, Ruiz, S.S., Moreira, D.C. & Bochini, G.L. **2008**. Parasitism by Mermithidae (Nematoda) in larvae of the genus *Chironomus* gr. *decorus* (Diptera: Chironomidae) at Rio dos Peixes, Dois Córregos, SP, Brazil. *Biota Neotropica*, 8: bn00608022008. (in Portuguese)
URL: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1676-06032008000200020
 7. **Silva, F.L.**, Moreira, D.C., Bochini, G.L. & Ruiz, S.S. **2008**. Feeding habits of Chironomidae larvae (Diptera) in Vargem Limpa stream, Bauru, SP, Brazil. *Biotemas*, 21(2): 155-159. (in Portuguese)
URL: <http://www.biotemas.ufsc.br/volumes/pdf/volume212/p155a159.pdf>
 6. **Silva, F.L.**, Ruiz, S.S., Moreira, D.C. & Bochini, G.L. **2008**. Composition and diversity of Chironomidae immatures (Diptera) from Ribeirão dos Peixes, Dois Córregos, SP. *Journal of Biosciences*, 6: 341-346,

2008. (in Portuguese)
URL: <http://www6.ufrgs.br/seerbio/ojs/index.php/rbb/article/viewFile/919/832>
5. **Silva, F.L.**, Pauleto, G.M., Talamoni, J.L.B. & Ruiz, S.S. **2008**. Aquatic macroinvertebrates in a small reservoir of the Zoological Park of Bauru, central-west region of São Paulo, Brazil. *Revista Brasileira de Zootecias*, 10: 199-204. (in Portuguese)
URL: <http://www.editoraufjf.com.br/revista/index.php/zoociencias/article/view/30>
 4. **Silva, F.L.**, Roque, F.O. & Fonseca-Gessner, A.A. **2008**. First record of chironomid larvae (Insecta: Diptera) as paratenic host of Gordioidea immatures (Nematomorpha: Gordioidea) in an Atlantic Forest stream, Brazil. *Chironomus Newsletter on Chironomidae Research*, 21: 20-21.
URL: <http://www.ntnu.no/ojs/index.php/chironomus/article/view/41>
 3. **Silva, F.L.**, Ruiz, S.S., Bochini, G.L. & Moreira, D.C. **2008**. Functional feeding habits of Chironomidae larvae (Insecta, Diptera) in a lotic system from Midwestern region of São Paulo State, Brazil. *Pan American Journal of Aquatic Sciences*, 3: 135-141.
URL: [http://www.panamjas.org/pdf_artigos/PANAMJAS_3\(2\)_135-141.pdf](http://www.panamjas.org/pdf_artigos/PANAMJAS_3(2)_135-141.pdf)
 2. **Silva, F.L.**, Moreira, D.C., Ruiz, S.S. & Bochini, G.L. **2008**. Assessment of importance of the conservation unit in the preservation of Chironomidae (Diptera) diversity in the Vargem Limpa stream, Bauru, São Paulo State. *Acta Scientiarum. Biological Sciences*, 29: 401-405. (in Portuguese)
URL: <http://periodicos.uem.br/ojs/index.php/ActaSciBiolSci/article/view/883>
 1. **Silva, F.L.**, Moreira, D.C., Bochini, G.L. & Ruiz, S.S. **2007**. Performance of two biological indices in the water quality assessment of Vargem Limpa's stream, Bauru, SP, through benthic macroinvertebrates. *Pan American Journal of Aquatic Sciences*, 2: 231-234. (in Portuguese)
URL: [http://www.panamjas.org/pdf_artigos/PANAMJAS_2\(3\)_231-234.pdf](http://www.panamjas.org/pdf_artigos/PANAMJAS_2(3)_231-234.pdf)

In press/ in revision

2. **Silva, F.L.** & Ekrem, T. **2015**. Phylogenetic relationships of non-biting midges in the subfamily Tanypodinae (Diptera: Chironomidae) inferred from morphology. *Systematic Entomology*, xx: xx-xx. (in revision)
1. Trivinho-Strixino, S., Wiedenbrug, S. & **Silva, F.L.** **2015**. New species of *Tanytarsus* van der Wulp (Diptera: Chironomidae: Tanytarsini) from Brazil. *European Journal of Environmental Sciences*, xx: xx-xx. (in press)

Book Chapters

1. **Silva, F.L.**, Oliveira, C.S.N. & Dantas, G.P.S. **2014**. *State of the art of the Tanypodinae (Insecta: Chironomidae) from Amazonian Region*. In: Hamada, N., Nessimian, J. L. & Querino, R. B. eds. *Aquatic Insects in the Brazilian Amazon: taxonomy, biology and ecology*. Editora do INPA, Manaus, 677-682 p. (in Portuguese)

Invited oral presentations

4. **Silva, F.L.** **2013**. The Scientific Initiation: a meaningful experience.
XXIII Scientific Initiation Congress, São Paulo, Brazil
3. **Silva, F.L.** **2012**. Systematics and biogeography of *Labrundinia* Fittkau 1962 (Chironomidae: Tanypodinae): a morphological and molecular approach.
ForBio annual meeting, Trondheim, Norway
2. **Silva, F.L.** **2010**. Systematics and biogeography of the aquatic midge genus *Labrundinia* Fittkau 1962 (Chironomidae: Tanypodinae): a morphological and molecular approach.
The Academy of Natural Sciences of Philadelphia Talks, Philadelphia, USA

1. **Silva, F.L. 2009.** Analysis and interpretation of macroinvertebrate community structure in biomonitoring programs.

I Summer Course in Ecology and Natural Resources, São Carlos, Brazil

Summarized poster presentations

12. **Silva, F.L., Ekrem, T., Fonseca-Gessner, A.A. & 2014.** *Phylogeny and biogeography of Labrundinia Fittkau, 1962 (Diptera: Chironomidae): evidence from morphological and molecular analyses.*
8th International Congress of Dipterology
11. Trivinho-Strixino, S. Wiedenbrug, S. & **Silva, F.L. 2014.** New species of *Tanytarsus* van der Wulp (Diptera: Chironomidae: Tanytarsini) from Brazil.
19th International Symposium on Chironomidae
10. **Silva, F.L., Ekrem, T & Farrell, D. B. 2014.** Ancient origin of South American non-biting midges (Chironomidae).
19th International Symposium on Chironomidae
9. **Silva, F.L., Wiedenbrug, S., Oliveira, C. S. N., Trivinho-Strixino, S. & Pepinelli, M. 2011.** Two new species of *Hudsonimyia* Roback, 1979 (Diptera: Chironomidae: Tanypodinae) from Neotropical Region.
18th International Symposium on Chironomidae
8. Oliveira, C.S.N. & **Silva, F.L. 2011.** *Riethia manauara*, a new Amazonian chironomid (Diptera: Chironomidae) from Brazil.
18th International Symposium on Chironomidae
7. **Silva, F.L., Fonseca-Gessner, A.A. & Ekrem, T. 2011.** The status of *Labrundinia maculata* Roback, 1971, a junior synonym of *L. longipalpis* (Goetghebuer, 1921) (Diptera: Chironomidae: Tanypodinae).
7th International Congress of Dipterology
6. **Silva, F.L., Fonseca-Gessner, A.A. & Ekrem, T. 2010.** Four new species of *Labrundinia* Fittkau, 1962 (Diptera: Chironomidae: Tanypodinae) from Neotropical Region.
XVIII Brazilian Congress of Zoology
5. **Silva, F.L. & Gelhaus, J. 2010.** Type specimens of Chironomidae (Insecta: Diptera) at The Academy Natural of Sciences of Philadelphia, ANSP.
XVIII Brazilian Congress of Zoology
4. **Silva, F.L. & Fonseca-Gessner. 2008.** Nova ocorrência de *Labrundinia tenata* Roback, 1987 (Diptera: Chironomidae: Tanypodinae: Pentaneurini).
XXII Brazilian Congress of Entomology
3. **Silva, F.L., Roque, F.O. & Fonseca-Gessner, A.A. 2007.** Primeiro registro de larvas de Chironomidae (Diptera) como hospedeiro paratênico de imaturos de Gordioidea (Nematomorpha: Gordioidea) no Brasil.
VI Brazilian Meeting on Chironomidae
2. **Silva, F.L., Ruiz, S.S., Moreira, D.C. & Bochini, G.L. 2007.** Imaturos do gênero *Chironomus* Meigen, 1803 (Diptera: Chironomidae) parasitados por mermítideos (Nematoda: Mermithidae) no Ribeirão dos Peixes, Dois Córregos, SP.
VI Brazilian Meeting on Chironomidae
1. **Silva, F.L., Bochini, G.L., Moreira, D.C. & Ruiz, S.S. 2005.** Análise dos grupos funcionais tróficos dos indivíduos Chironomidae presentes no sedimento do Córrego Vargem Limpa, Bauru, SP.
V Brazilian Meeting on Chironomidae

Teaching experience

Graduate Teaching Assistant

- * Biological Monitoring: macroinvertebrates as bioindicators, University of São Carlos (1st semester 2008)

Undergraduate Teaching Assistant

- * Invertebrates I, University of São Carlos (1st semester 2008)

- * Invertebrates I, University of São Carlos (1st semester 2008)
- * Invertebrates, São Paulo State University (1st semester 2006)
- * Invertebrates I, São Paulo State University (1st semester 2006)
- * Invertebrates II, São Paulo State University (1st semester 2006)
- * Invertebrates II, São Paulo State University (2nd semester 2005)
- * Invertebrates I, São Paulo State University (1st semester 2005)
- * Plant Morphology II, São Paulo State University (2nd semester 2004)
- * Plant Morphology I, São Paulo State University (1st semester 2004)

Course Development

- * Historical Biogeography: Fundamentals, Applications and Recent Developments, Paulista University (1st semester 2011)
- * Benthic fauna: techniques of collecting, sorting and identification, Paulista University (1st semester 2009).

Internships

- * Chironomidae (Diptera) of Ribeirão dos Peixes, Dois Córregos, SP.
São Paulo State University, 2003-2006
- * Limnological study of Batalha reservoir for water capitation and supply of the city of Bauru
São Paulo State University, 2005-2006
- * Diversity of aquatic macroinvertebrates fauna in the Vargem Limpa stream, Bauru, Brazil.
São Paulo State University, 2004-2006

Student mentorship

5. Carlos Henrique de Vasconcelos Nascimento. **2014-present**. Diversidade de Chironomidae (Insecta, Diptera) em diferentes corpos d'água do Estado de Pernambuco. Scientific Initiation (Undergraduate Student in Biological Sciences), University of Pernambuco, Brazil. **(External co-supervisor)**
4. Denize Lucas Siqueira Nunes. Choice of aquatic macroinvertebrate metrics to evaluate conditions in a tropical stream. **2012**. Scientific Initiation (Undergraduate Student in Biological Sciences), Paulista University, Brazil. **(External co-supervisor)**
3. Janaina Damada Ramos. The response of Chironomidae (Diptera) to water quality of a stream located in tropical savannah area, Brazil southeast. **2012**. Scientific Initiation (Undergraduate Student in Biological Sciences), Paulista University, Brazil. **(External co-supervisor)**
2. Luis Cesar Lourenzoni. Composition and diversity of Chironomidae (Diptera) in a stream located in a tropical savannah area in Brazil southeast. **2011**. Scientific Initiation (Undergraduate Student in Biological Sciences), Paulista University, Brazil. **(External co-supervisor)**
1. Lucas Vieira Santo. Functional trophic categorization of the Chironomidae fauna in a tropical stream located in a savannah area, Bauru, SP. **2011**. Scientific Initiation (Undergraduate Student in Biological Sciences), Paulista University, Brazil. **(External co-supervisor)**

Diploma thesis committee member for:

2. Denize Lucas Siqueira Nunes. Choice of aquatic macroinvertebrate metrics to evaluate conditions in a tropical stream. **2012**. Paulista University, Brazil.
1. Janaina Damada Ramos. The response of Chironomidae (Diptera) to water quality of a stream located in tropical savannah area, Brazil southeast. **2012**. Paulista University, Brazil.

Synergistic activities

Subject editor

Zookeys (Diptera: Chironomidae) (2014 – present [journal web-site](#))

Peer reviewer of manuscripts

1. *Evolution*; 2. *Bulletin of Entomological Research*; 3. *Fauna Norvegica*; 4. *Acta Scientiarum. Biological Sciences*; 5. *International Journal of Tropical Biology and Conservation*; 6. *Journal of Agricultural Science and Technology*; 7. *Biota Neotropical*; 8. *African Journal of Agricultural Research*; 9. *International Journal of Biodiversity and Conservation*; 10. *Zoologia*; 11. *Brazilian Journal of Biosciences*; 12. *Pan-American Journal of Aquatic Sciences*; 13. *Ambiente e Água - An Interdisciplinary Journal of Applied Science*; 14. *Acta Limnologica Brasiliensia*; 15. *Chironomus Newsletter on Chironomidae Research*; 16. *Invertebrate Systematics*; 17. *Systematic Entomology*; 18. *Florida Entomologist*. 19. *Zookeys*. 20. *Zootaxa*; 21. *Brazilian Journal of Biology*; 22. *Studies on Neotropical Fauna and Environment*; 23. *Journal of Applied Life Science International*; 24. *Iheringia*.

Symposium organizer

- * 18th International Symposium on Chironomidae, NTNU, Trondheim, Norway, 2011
- * II Symposium on Ecology of the Ecology and Natural Resources Graduate Program, UFSCar, São Carlos, Brazil, 2008
- * 12th Symposium in Biology of São Paulo State University, UNESP, Bauru, Brazil, 2005

Conference Review Activities

- * XXVI Scientific Initiation Congress, São Paulo State University, UNESP, 2014. (**ad-hoc reviewer**)
- * XXVI Scientific Initiation Congress, São Paulo State University, UNESP, 2014. (**judge, student poster presentations**)
- * XXV Scientific Initiation Congress, São Paulo State University, UNESP, 2013. (**ad-hoc reviewer**)
- * XX Scientific and Technological Initiation Congress, University of São Carlos, UFSCar, 2012. (**ad-hoc reviewer**)
- * XXIII Scientific Initiation Congress, São Paulo State University, UNESP, 2011. (**ad-hoc reviewer**)

Committee services at University of São Carlos

- * Member of graduate fellowship selection committee in Ecology and Natural Resources Graduate Program, UFSCar, 2009
- * Graduate Student's representative in Ecology and Natural Resources Graduate Program, UFSCar, 2008-2009

Curatorial experience

- * Curation of Chironomidae collections at The Academy of Natural Sciences of Philadelphia (ANSP – USA), Reference Collection of Laboratory of Aquatic Entomology (LEA – UFSCar – Brazil) and Museum of Comparative Zoology, Harvard University (MCZ – USA).

Resident or visiting researcher at following natural history collections:

- * **Austria:** Naturhistorisches Museum (NHM), Vienna, 2014.
- * **Belgium:** Institut Royal des Sciences Naturelles de Belgique (IRSNB), 2010.
- * **Brazil:** National Institute of Amazonian Research (INPA), Manaus, 2008, 2014; Museum of Zoology of University of São Paulo (MZUSP), São Paulo, 2009.
- * **Germany:** Zoologische Staatssammlung München (ZSM), Munich, 2010, 2014.
- * **Norway:** Museum of Natural History and Archaeology (NTNU), Trondheim, 2011-2012, 2013; Universitetsmuseet i Bergen (UiB), Bergen, 2011; Naturhistorisk Museum (UiO), Oslo, 2011.
- * **Sweden:** Naturhistoriska Riksmuseet, Stockholm, 2011.
- * **USA:** The Academy of Natural Sciences (ANSP), Philadelphia, 2009-2010, 2011, 2014; Museum of Comparative Zoology, Harvard University (MCZ), Boston, 2011, 2014; Florida State Collection of Arthropods (FSCA), Tallahassee, 2009, 2014; Smithsonian Institution National Museum of Natural History (NMNH), Washington, DC, 2009, 2014. University of Minnesota Insect Collection (UMSP), Minneapolis, 2015.

Field experience

- * Tierra del Fuego National Park, Ushuaia, Argentina, 2015
- * Río Negro, Costanera de Viedma, Argentina, 2015
- * Chapada dos Veadeiros National Park, Alto Paraíso de Goiás, Brazil, 2015
- * Nahuel Huapi National Park, San Carlos de Bariloche, Argentina, 2014
- * Vicente Pérez Rosales National Park, Llanquihue Province, Chile, 2014
- * Alerce Andino National Park, Región de los Lagos, Chile, 2014
- * Llanquihue National Reserve, Llanquihue Province, Chile, 2014
- * Charles Darwin Ecological Refuge, Igarassu, Brazil, 2014
- * Concord, Massachusetts, USA , 2014
- * Lake Talquin State Forest, Tallahassee, 2014
- * Klæbu/Melhus, Trondheim, Norway, 2011
- * Itirapina Ecological Station, Itirapina, Brazil, 2011
- * São Carlos Ecological Station, São Carlos, Brazil, 2010
- * Gum Swamps, Tallahassee, USA , 2009
- * Pit lakes in Paracatu Gold Mine, Paracatu, Brazil, 2009
- * São Francisco River, Três Marias, Brazil, 2008
- * Jataí Ecological Station, Luiz Antonio, Brazil, 2008
- * Caetetus Ecological Station, Gália, Brazil, 2008
- * Amazon rainforest, Manaus, Brazil, 2008, 2014
- * Juréia-Itatins Ecological Station, Peruíbe, Brazil, 2007
- * Bauru Ecological Station, Bauru, Brazil, 2004

Society membership

- * Research School in Biosystematics (ForBio), 2011-present.
- * The Cambridge Entomological Club, 2014-present.
- * Society for Systematic Biologists.