**Curriculum Vitae**

**Leandro Lacerda Giacomin**

Universidade Federal do Oeste do Pará

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**Research Interests**

I am experienced in plant morphology and systematics. Currently my main research interests are i) phylogenomics, biogeography and taxonomy of the Night Shade family (Solanaceae) and ii) floristics and long-term monitoring of the Amazonian flora, in which I coordinate or collaborate on funded projects. I am also interested in outreach initiatives. Passionate with the diversity and morphology of the nightshade plant family (Solanaceae), I have been investigating its taxonomy and systematics for over 10 years and counting. Recently I have been interested in investigating the historical biogeography of two lineages within it: *Solanum* sect. *Brevantherum,* a group of potentially invasive weeds, and *Solanum* section *Geminata*, an intricate group occurring deep in the forests and for which no molecular phylogeny is available thus far. I am also experienced in database management, and currently act as manager of HSTM Herbarium database.

**Education**

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| **2004 – 2007** | Graduation in Biology |
| **2008 – 2010** | M.S. (Botany) Universidade Federal de Minas GeraisThesis: Taxonomic and phylogenetic studies in *Solanum* sect. *Gonatotrichum* Bitter (Solanoideae, Solanaceae) in Brazil. |
| **2010 – 2015** | Ph.D. (Botany) Universidade Federal de Minas GeraisDissertation: *Solanum* L. clade *Brevantherum* (Solanaceae): systematics and diversity |

**Professional Experience**

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| **2010 – 2011**  | Centro Universitário UNA (Belo Horizonte, Brazil) – Assistant Professor of Botany  |
| **2016 – present** | Instituto Nacional de Pesquisas da Amazônia – INPA (Manaus, Brazil) – Colaborating Professor at the Botany graduate course |
| **2014 – present** | Universidade Federal do Oeste do Pará – UFOPA (Santarém, Brazil) - Professor of Botany; Vice-curator and Database manager of HSTM Herbarium; Coordinator of Laboratório de Botânica |
| **2016 – present** | Associate editor for Rodriguesia (ISSN 2175-7860) |
| **2017 – present** | Associate editor for Phytokeys (ISSN 1314-2003) |

**Teaching Experience**

**Undergraduate courses taught:** Organography of spermatophytes (Biology), Systematics of spermatophytes (Biology), Plant Anatomy (Biology), Vascular Plant Identification (Biology), Biodiversity conservation and management (Biology), Field botany (Biology), Plant ecology (Biology), Ethnobotany (Biology), Plant Systematics (Forest engineering), Integrative studies in the Amazon (Biology), Cryptogams and thallophytes (Biology), Botany applied to pharmacy (Pharmacy).

**Graduate courses taught:** Principles of systematics (Biodiversity Program, UFOPA), Field practices in Biodiversity (Biodiversity Program, UFOPA), Molecular Systematics (Biodiversity Program, UFOPA), Plant Identification Basics (Botany Program, INPA), Botanical Nomenclature (Botany Program, INPA)

**Selected publications**

* Gouvea YF, Paula LFA, Stehmann JR, **Giacomin LL.** in print. *Solanum* *hydroides* (Solanaceae): a prickly novelty from the land of Sugar Loves, central Brazilian Atlantic Forest. PhytoKeys.
* Gouvea YF, **Giacomin LL,** Stehmann JRS. 2018. A sticky and heavily armed new species of *Solanum* (*Solanum* subg. *Leptostemonum*, Solanaceae) from eastern Brazil. PhytoKeys 111: 103-118.
* BFG - The Brazil Flora Group, **Giacomin LL**. 2018. Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). Rodriguesia 9: 1513**–**1527.
* **Giacomin LL,** Gomes ESC. 2018. Flora das cangas da Serra dos Carajás, Pará, Brasil: Solanaceae. Rodriguésia 69: 1373**–**1396.
* Cardoso DB, Sarkinen T, Alexander S, Amorim AM, Bittrich V, Celis M, Fiaschi P, Funk VA, **Giacomin LL** et al. 2017. Amazon plant diversity revealed by a taxonomically verified species list. Proceedings of the National Academy of Sciences of the United States of America: 201706756.
* Fernandes G W, Vale MM, Overbeck G, Bustamante MM, Grelle CE, Bergallo HG, Magnusson WE, Akama A, Alves SS, Amorim AM, Araujo J, Barros CF, Bravo F, Carim MV, Cerqueira R, Collevatti RG, Colli GR, Cunha CN, Dandrea PS, Dianese JC, Diniz S, Estrela PC, Fernandes MR, Fontana CS, **Giacomin LL**, et al. 2017. Dismantling Brazil's science threatens global biodiversity heritage In Perspectives in Ecology and Conservation 15: 239**–**243.
* Knapp S, Barboza GE, Romero MV, Vignoli-Silva M, **Giacomin LL,** Stehmann JR. 2015. Identification and lectotypification of the Solanaceae from Vellozo's *Flora Fluminensis*. Taxon 64: 822**–**836.
* Sarkinen T, Baden M, Gonzales P, Cueva M, **Giacomin LL,** Spooner DM, Simon R, Juarez H, Nina P, Molina J, Knapp S. 2015. Listado anotado de *Solanum* L. (Solanaceae) en el Perú. Revista Peruana de Biología 22: 3**–**62.
* Knapp S, Stehmann JR, **Giacomin, LL.** 2015. New species, additions and a key to the Brazilian species of the Geminata clade of Solanum L. (Solanaceae) in Brazil. PhytoKeys 47: 1**–**48.
* **Giacomin LL,** Kamino LHY, Stehmann JR. 2014. Speeding up the discovery of unknown plants: a case study of *Solanum* (Solanaceae) endemics from the Brazilian Atlantic Forest. Boletim do Museu de Biologia Mello Leitão 36: 121**–**135.
* Stern S, Bohs L, **Giacomin LL,** Stehmann JR, Knapp S. 2013. A Revision of *Solanum* Section *Gonatotrichum*. Systematic Botany 38: 471**–**496.

**Selected Book chapters and electronic publications**

* Barba-Herrera S, Giacomin LL. 2019. Solanaceae of lower Tapajós basin (electronic identification key). Paris: XPER3. <http://www.xper3.fr/xper3GeneratedFiles/publish/identification/-675416113920915493/mkey.html>
* **Giacomin LL**, Negrao R, Amaro R, Wimmer F, Amorim T. 2018. Solanaceae. In: Martinelli G, Martins E, Moraes M, Loyola R, Amaro R (Orgs.). Livro Vermelho da Flora Endêmica do Estado do Rio de Janeiro. 1ed. Rio de Janeiro: Andrea Jakobson Estudio. v. 1. Pp. 429-430.
* Becerra MM, **Giacomin LL,** Stehmann JR. 2013. *Solanum* Grupo I. *Brevantherum.* In Solanaceae. Flora Argentina. Flora vascular de la República Argentina, edited by GE Barboza, FO Zuloaga, MJ Belgrano & AM Anton. e ed 1. Vol. 13, 158-166. San Isidro: Instituto de Botánica Darwinion
* **Giacomin LL**, Stern S, Stehmann JR. 2013. *Solanum* Grupo V. *Gonatotrichum*. In Solanaceae. Flora Argentina. Flora vascular de la República Argentina, edited by GE Barboza, FO Zuloaga, MJ Belgrano & AM Anton. e ed 1. Vol. 13, 203-206. San Isidro: Instituto de Botánica Darwinion

**Languages**

**English** Verbal skills – fluent. Writing skills – excellent. Reading Skills - excellent

**Spanish** Verbal skills – fluent. Writing skills – good. Reading Skills - excellent

**German** Reading Skills – good.

**Main research lines**

1) Systematics and taxonomy of Neotropical Solanaceae

2) Phylogenomics of selected Solanaceae groups, with enphasis in the New World

3) Long-term monitoring of the flora of protected areas from the Tapajós river basin

4) Floristics of protected areas from the Tapajós basin: reducing gaps of botanical knowledge in the Amazon

**Grants awarded as PI or Co-PI (from 2017 on)**

**2019 – current** How (and why) are the trees are distributed in the environment: plant integrative biology, earth sciences and management in the context of teaching, research and outreach (funded by Ministry of Education/UFOPA)

**2017 - current** LTER/PELD - PELD do Oeste do Pará (POPA) – Long-term monitoring of biodiversity to evaluate effects of climate change in plants and animals (funded by CNPq)

**2017 - current** Phylogenomics of selected New World *Solanum* (Solanaceae) groups (funded by CNPq)

**2017 - current** Implementing a research line on molecular plant systematics in western Pará state: phylogenetics of selected New World *Solanum* (Solanaceae) groups (funded by CAPES)

**Graduate student advisor**

**Masters course:** Maria Soliane Sousa Costa (2019-2021, UFOPA); Maurício Santos da Silva (2019-2012, INPA); Juan David Tovar Duran (2017-2019, UFOPA); Sonia Barba-Herrera (2018-2019, Vrije Universiteit Brussel, Tropimundo, acting as co-advisor); Maria Jociléia Soares Silva (2017-2018, INPA, acting as co-advisor).

**PhD Course:** Yuri Fernandes Gouvêa (2016-2020, UFMG, acting as co-advisor).

**This is summarized version of this Curriculum Vitae.**

**Its complete version can be accessed at: http://lattes.cnpq.br/1944885983694994**