

## Nicole Mitidieri-Rivera

Department of Botany, UW-Madison  
201 Birge Hall, Madison, WI 53706

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mitidieririv@wisc.edu  
<https://phyloverse.github.io/>

## EDUCATION

University of Wisconsin–Madison, WI, USA

*Ph.D. candidate in Botany*

2023–Present

*MSc. in Botany*

2021–2023

Thesis: *Evolutionary pathways to becoming a fig: a phylogenetic comparative approach.*

Advisor: Kenneth J. Sytsma.

Committee: Kenneth Cameron, Ken Keefover-Ring, Claudia Solís-Lemus, Elliot Gardner, Leandro Cardoso Pederneiras

Universidad Nacional de la Amazonía Peruana, Iquitos, PERU

*B.S. in Biological Sciences*

2011

## ACADEMIC APPOINTMENTS

University of Wisconsin, Madison, WI.

*Graduate Teaching Assistant*

Spring 2022–2025

*Graduate Research Assistant*

Fall 2021, 2025

## SELECTED MANUSCRIPTS

**Mitidieri-Rivera, N.**, Damián-Parizaca, A., Gardner, E., Plata-Castro, A., Zerega, N., Pederneiras, L. (2025). A nomenclator of *F. sect. Americanae* (Moraceae). Part I: South America. *Phytotaxa*, 711(3):215–262. DOI: <https://doi.org/10.11646/phytotaxa.711.3.1>

**Mitidieri-Rivera, N.**, Damián-Parizaca, A. (2025). *Ficus sytsmae* (Moraceae), a new species from South America and the reinstatement of *Ficus schiedeana*. *Phytotaxa*, 708(2):167–181. DOI: <https://doi.org/10.11646/phytotaxa.708.2.4>

**Mitidieri-Rivera, N.**, Gardner, E., Phipps, J., Zerega, N., Pederneiras, L., Damián-Parizaca, A., Sytsma, K. (2025). How to be a big genus? *Ficus* L. as an emerging model. *Annals of Botany*, 00: 1–27. DOI: <https://doi.org/10.1093/aob/mcaf101>

Pederneiras, L. C., Zamengo, H. B., Zapata-C, D. A., **Mitidieri-Rivera, N.**, Romaniuc-Neto, S., & Mansano, V. D. F. (2023). *Ficus* subgen. *Spherosuke* sect. *Americanae* ser. *Dugandii*

(Moraceae): A Curved Ostiolar Margin Group of Neotropical Fig Trees. *Systematic Botany*, 48(2), 263–282. DOI: <https://doi.org/10.1600/036364423X16847773873215>

Pederneiras, L., **Mitidieri-Rivera, N.**, Romaniuc-Neto, S., Manzano, V. (2021). Typification of the *Ficus* sect. *Americanae* (Moraceae): Typification of *F. aurea* and *F. pertusa* complexes. *Phytotaxa*, 514(2): 149–157. DOI: <https://doi.org/10.11646/phytotaxa.514.2.6>

Pederneiras, L., Monge, C., **Mitidieri-Rivera, N.**, et al. (2020). Nomenclatural revision of the *Ficus* sect. *Americanae* (Moraceae): Typification of *F. citrifolia* and allied species. *Phytotaxa* 474(2): 145–153. DOI: <https://doi.org/10.11646/phytotaxa.474.2.4>

Pederneiras, L., da Costa, A., Medeiros, H., **Mitidieri-Rivera, N.**, et al. (2020). Species diversity of *Ficus* L. sect. *Americanae* (Moraceae) in Acre, Brazil. *Brittonia* 72: 215–231. DOI: <https://doi.org/10.1007/s12228-020-09620-1>

**Mitidieri-Rivera, N.**, Pederneiras, L.C., Parizaca, A.D., & Castillo, J.A. (2020). A new species and a new record of *Ficus* sect. *Pharmacosycea* (Moraceae) from Peru. *Systematic Botany*, 45(1), 91–95. DOI: <https://doi.org/10.1600/036364420X15801369352342>

Pederneiras, L., Monge, C., **Mitidieri-Rivera, N.**, et al. (2019). Nomenclatural revision of *Ficus* sect. *Americanae* (Moraceae): Typification of *Ficus crocata* and allied species. *Phytotaxa* 414(5): 262–268. DOI: <https://doi.org/10.11646/phytotaxa.474.2.4>

## MANUSCRIPTS UNDER REVIEW

**Mitidieri-Rivera, N.**, Damián-Parizaca, A., Gardner, E., Pederneiras, L. A nomenclator of *Ficus* sect. *Americanae* (Moraceae). Part II: North and Central America, and the Antilles. Under review at *Phytotaxa*

**Mitidieri-Rivera, N.**, Wajer, J., Pederneiras, L.C. Proposal to reject the name *Ficus calyculata* Mill. (Moraceae). Under review at *Taxon*

**Mitidieri-Rivera, N.**, Wajer, J., Pederneiras, L.C. Proposal to reject the names *Ficus serrata* L. and *F. maculata* L. (Moraceae). Under review at *Taxon*

## ADDITIONAL PUBLICATIONS

Damián-Parizaca, A., Karremans, A.P., Barona-Colmenares, A.A., Iturralde, G., Pérez, A.J., de la Cruz, W., Jost, L., Garzón, H.X., Villalba-Vargas, D., Zenteno-Ruiz, F.S., Moya-Huanca, A.L., Castro, C., Pizango, J., Vilcatoma, E., Bentley, A.G., Jiménez, M.M., Baquero,

L., **Mitidieri-Rivera, N.**, Cameron, K.M. (2025). The Genus *Vanilla* (Orchidaceae) in South America—Bolivia, Colombia, Ecuador, and Peru: An Annotated Checklist with a New Species. *Annals of the Missouri Botanical Garden* 110, 335–362. DOI: <https://doi.org/10.3417/2025992>

Damián-Parizaca, A., Karremans, A.P., **Mitidieri-Rivera, N.**, Cameron, K.M. (2025). Towards a monograph of membranaceous Vanillas: a nomenclatural revision of *Vanilla* subgen. *Vanilla* (Vanilloideae, Orchidaceae). *Plant Ecology & Evolution* 158(1), 111–121. DOI: <https://doi.org/10.5091/plecevo.140667>

Damián-Parizaca, A., Monteros, M.F., Coayla-Rimachi, D., Walston, J., **Mitidieri-Rivera, N.** (2025). A new species of *Pleurothallis* (Pleurothallidinae, Orchidaceae) from the historic sanctuary of Machupicchu, Perú. *PhytoKeys*, 254, 29. DOI: <https://doi.org/10.3897/phytokeys.254.142116>

Damián-Parizaca, A., & **Mitidieri-Rivera, N.** (2023). *Vanilla cameroniana* (Orchidaceae, Vanilloideae), a new species from French Guiana and new records from the Guiana Shield. *Phytotaxa*, 609(3), 222–232. DOI: <https://doi.org/10.11646/phytotaxa.609.3.5>

Damián-Parizaca, A., Garzon, H.X., Baquero, L., Jimenez, M.M., Velez-Abarca, L., Iturralde, G.A., **Mitidieri-Rivera, N.**, Olortegui, S., Cameron, K.M. (2022). *Vanilla andina* (Vanilloideae, Orchidaceae), a new species of the membranaceous-leaved group from Peru and Ecuador. *Phytotaxa* 552 (1), 63–72. DOI: <https://doi.org/10.11646/phytotaxa.552.1.5>

Damián-Parizaca, A., Hagsater, E., **Mitidieri-Rivera, N.** (2022). A new Peruvian species of *Epidendrum* (Laeliinae: Orchidaceae) belonging to the *Epidendrum incomptum* group. *Phytotaxa* 552(1), 099–106. DOI: <https://doi.org/10.11646/phytotaxa.552.1.9>

Damián-Parizaca, A., **Mitidieri-Rivera, N.**, Bonilla, M., Huayllani, J.T. (2021). A new species, lectotypification and new records in *Catasetum* (Orchidaceae: Catasetinae) from Peruvian Amazon. *Botany Letters* 168(2), 191–199. DOI: <https://doi.org/10.1080/23818107.2020.1871404>

Damián-Parizaca, A., **Mitidieri-Rivera, N.**, Rimarachin, L. (2021). A new species of *Opilionanthe* (Pleurothallidinae, Orchidaceae) and new records in the *Lepanthes* clade for Perú. *Nordic Journal of Botany* 39(9), 1–9. DOI: [10.1111/njb.03307](https://doi.org/10.1111/njb.03307)

Damián-Parizaca, A. & **Mitidieri-Rivera, N.** (2020). Living in the clouds: A new high-elevation species of *Vanilla* (Orchidaceae, Vanilloideae) from Perú. *Phytotaxa* 451(2), 154–160. DOI: <https://doi.org/10.11646/phytotaxa.451.2.5>

Damián-Parizaca, A., Salazar, G.A., **Mitidieri-Rivera, N.**, Altamirano, S. (2020). A new species and first record of the genus *Solenocentrum* (Orchidaceae: Cranichidinae) from Peru. *Lankesteriana* 20(3), 339–344. DOI: <http://dx.doi.org/10.15517/lank.v20i3.45012>

Damián-Parizaca, A., **Mitidieri-Rivera, N.**, Ormerod, P. (2020). *Crossoglossa puipuiensis* (Malaxideae: Orchidaceae), a new species, and new records of *Crossoglossa* from Peru. *Annales Botanici Fennici* 58(1-3), 37–43. DOI: <https://doi.org/10.5735/085.058.0107>

Damián-Parizaca, A., **Mitidieri-Rivera, N.**, Chiron, G. (2018). A taxonomic synopsis of *Acianthera* (Orchidaceae Pleurothallidinae) in Peru, including two new species. *Anales del Jardín Botánico de Madrid* 75(1), 5. DOI: <https://doi.org/10.3989/ajbm.2449>

## TEACHING EXPERIENCE

University of Wisconsin-Madison, WI

*BOT 410: Evolution*

Summer 2025

Teaching Assistant for Dr. Brandon Corder

*BOT 130: General Botany*

Spring 2025

Teaching Assistant for Drs. Kate McCulloh & Hiroshi Maeda

*BOT 400: Plant Systematic*

Fall 2023, 2024

Teaching Assistant for Dr. Kenneth Sytsma

*BOT 130: General Botany*

Fall-Spring 2023

Teaching Assistant for Drs. Edgard Spalding & David Baum (Fall), and Drs. Kate McCulloh & Hiroshi Maeda (Spring)

*BOT 152: Introductory Biology*

Spring 2022

Teaching Assistant for Drs. Simon Gilroy, David Baum, and Jonathan Pauli

## RESEARCH GRANTS AND OTHER FUNDING

Student Research Travel Funds (1,500 USD). WiSh Hub, UW-Madison 2025

LACIS Graduate Student Travel Grant (1,200 USD). LACIS, UW-Madison 2024

NYBG Visiting Scientist Travel Award (1,400 USD). NYBG Steere Herbarium 2024

Graduate Research Grant (3,000 USD). Society of Systematic Biologists 2023

P.E.O. International Peace Scholarship awardee 2022-2025

Graduate Research Awards (10,000 USD). Botany, UW-Madison 2022-2025

Graduate Research Grant (1,200 USD). American Society of Plant Taxonomists 2022

Graduate Student Research Award (1,500 USD). Botanical Society of America 2022

Fulbright graduate fellowship 2021-2023

Internship at Instituto de Pesquisas Jardim Botânico do RJ (2,100 USD) 2019

## CONFERENCE PRESENTATIONS

Botany conference	Palm Springs, CA, July 2025
XX International Botanical Congress	Madrid, Spain, July 2024
Botany conference	Anchorage, AK, July 2022
Botany conference	Virtual, July 2021
AGU Fall Meeting	Virtual, December 2020

## MENTORING, SERVICE, AND OUTREACH

<i>Ad hoc</i> reviewer: Phytotaxa, Novon, Systematic Botany	Present
REACH Ambassador (UW-Madison)	2025-Present
Undergrad mentor (UW-Madison)	2025-Present
Award Committee member (American Society of Plant Taxonomists)	2025-Present
International Student Services Advisory Board member (UW-Madison)	2025-Present
Search committee in the Department of Botany, UW-Madison	2024
<i>WIS Herbarium Collection Manager</i>	
<i>Two faculty positions in the Botany Department</i>	
Certified Data Carpentries Instructor (R lessons)	2023-present
Committee member in the Department of Botany, UW-Madison	2022-present
<i>DEI, awards, social, colloquium</i>	

## REFERENCES

### **Kenneth J. Sytsma**

Department of Botany  
University of Wisconsin-Madison  
kjsytsma@wisc.edu

### **Elliot M. Gardner**

Department of Biology  
Case Western Reserve University  
[elliott.gardner@case.edu](mailto:elliott.gardner@case.edu)

### **Leandro Cardoso Pederneiras**

Fluminense Federal University, Niterói  
[leandro.pederneiras@gmail.com](mailto:leandro.pederneiras@gmail.com)