

## CV

JOÃO DE DEUS VIDAL JR.  
jd.vidal@unesp.br / jd.vidal27@gmail.com

**Google Researcher ID:** [PLmmm4QAAAAAJ&hl](https://scholar.google.com/citations?hl=pt-BR&user=PLmmm4QAAAAAJ&hl)

**Metrics:** 474 citations; 7 h-index; 20 publications.

**ORCID:** <https://orcid.org/0000-0002-0420-4102>



## 1. ACADEMIC QUALIFICATIONS

**Universidade Estadual Paulista “Júlio de Mesquita Filho”** 2014–2018

Doctor's degree - Biological Sciences (Botany)

- Research Interests: Patterns of endemism and diversification of plants in highlands in the Brazilian Cerrado.

**Universidade Federal de São Carlos** 2012–2014

Master's degree - Biological Diversity and Conservation

- Research Interests: Biogeography of pantropical genus *Rauvolfia* (Apocynaceae).

**Universidade Federal de São Carlos** 2008–2011

Bachelor's degree - Biological Sciences

## 2. WORK EXPERIENCE

**Universitat Passau, Passau** 2022–now

Postdoctoral Fellow (Alexander von Humboldt International Climate Protection Fellowship)

- Research Interests: Afromontane vegetation ecology and climate change.  
Department of Geography, Universität Passau, Innstraße 40. Passau, Bayern, Germany, phone: +49 (15) 0004-13931-E24.

**Royal Botanic Gardens Kew, London** 2023–2023

Visiting Researcher (Alexander von Humboldt International Climate Protection Fellowship)

- Research Interests: Afromontane vegetation ecology and climate change.  
Spatial Analysis and Data Science. The Jodrell Laboratory, Royal Botanic Gardens, Kew, Surrey TW9 3DS, UK.

**Universidade Estadual de Campinas, Campinas** 2020–2021

Postdoctoral Fellow

- Research Interests: Mangrove forests range response and adaptation to climate change.  
Laboratório de Análise Genética e Molecular, Universidade Estadual de Campinas, Av. Cândido Rondon, 400. Campinas, São Paulo, Brazil, phone: +55 (19) 3521-1134.

**University of the Free State, Phuthaditjhaba** 2019–2020

Postdoctoral Fellow

- Research Interests: Plant endemism and biogeography in African mountains.  
Afromontane Research Unit QwaQwa Campus Private Bag X13, Phuthaditjhaba, 9866, Republic of South Africa, phone: +27 (58) 718 5407.

**Universidade Estadual de Campinas, Campinas** 2018–2019

Postdoctoral Fellow

- Research Interests: Mangrove forests range response and adaptation to climate change.

Laboratório de Análise Genética e Molecular, Universidade Estadual de Campinas, Av. Cândido Rondon, 400. Campinas, São Paulo, Brazil, phone: +55 (19) 3521-1134.

### 3. PUBLICATION RECORD

- de Deus Vidal Junior, J.**, Schmitt, C., & Koch, I. (2023). Comparative richness patterns of range sizes and life-forms of Apocynaceae along forest-savanna transitions in Brazil. *Bot. J. of Linnean Soc.*, boad047.
- de Deus Vidal Junior, J.**, Mori, G., Cruz, M., da Silva, M., de Moura, Y., & de Souza, A. (2022). Differential Adaptive Potential and Vulnerability to Climate-Driven Habitat Loss in Brazilian Mangroves. *Front. Conserv. Sci.*, 3, 763325.
- The Brazil Flora Group** (2022). Leveraging the power of a collaborative scientific network. *Taxon* 71(1), 178–198.
- Clark, V. R., Mukwada, G., Hansen, M., Adelabu, S., Magaiza, G., le Roux, A., Bredenhand, E., Otomo, P. V., Steenhuisen, S.-L., Franke, A., & others. (2021). The Afromontane Research Unit: Driving Connections and Capacity Building for the Sustainable Development of Southern African Mountains. *Mountain Research and Development*, 41(2), P1.
- Da Silva, M. F., Cruz, M. V., **Vidal Júnior, J. D. D.**, Zucchi, M. I., Mori, G. M., & De Souza, A. P. (2021). Geographical and environmental contributions to genomic divergence in mangrove forests. *Biological Journal of the Linnean Society*, 132(3), 573–589.
- de Deus Vidal, J.**, le Roux, P. C., Johnson, S. D., te Beest, M., & Clark, V. R. (2021). Beyond the Tree-Line: The C 3-C 4 “Grass-Line” Can Track Global Change in the World’s Grassy Mountain Systems. *FRONTIERS IN ECOLOGY AND EVOLUTION*, 9.
- Delves, J. L., Clark, V. R., Schneiderbauer, S., Barker, N. P., Szarzynski, J., Tondini, S., **de Deus Vidal, J.**, & Membretti, A. (2021). Scrutinising Multidimensional Challenges in the Maloti-Drakensberg (Lesotho/South Africa). *Sustainability*, 13(15), 8511.
- Jonathan Timberlake, V. R. C., Petra Ballings, **João de Deus Vidal Jr.**, Bart Wursten, Mark Hyde, Anthony Mapaura, Susan Childes, Meg Coates Palgrave. (2020). Mountains of the Mist: A first plant checklist for the Bvumba Mountains, Manica Highlands (Zimbabwe-Mozambique). *Phytokeys*, 145, 93–129.
- Clark, V. R., **de Deus Vidal Jr, J.**, Grundy, I. M., Fakarayi, T., Childes, S. L., Barker, N. P., & Linder, H. P. (2019). Bridging the divide between intuitive social-ecological value and sustainability in the Manica Highlands of southern Africa (Zimbabwe-Mozambique). *Ecosystem Services*, 39, 100999.
- Clark, V. R., & **Vidal Jr., J. de D.** (2019). The vegetation of Asante Sana Private Game Reserve and surrounds, Sneeuberg Centre of Floristic Endemism. In *Esperiana Memoir 8: The Lepidoptera fauna of a crater valley in the Great Escarpment of South Africa: The Asante Sana Project*. (Vol. 8, pp. 25–39). Bad Staffelstein.
- Clark, V. R., **Vidal Jr., J. de D.**, & Barker, N. (2019). A new, localised species of purple radiate Senecio (Asteraceae: Senecioneae) from the Sneeuberg massif, South Africa. *Phytotaxa*, 406(3), 180–190.
- Cortez, M. B. D. S., Sforca, D. A., Alves, F. D. M., **Vidal, J. D. D.**, Alves-Pereira, A., Mori, G. M., Andreotti, I. A., Do Nascimento Jr, J. E., Bittrich, V., Zucchi, M. I., & others. (2019). Elucidating the *Clusia criuva* species ‘complex’: Cryptic taxa can exhibit great genetic and geographical variation. *Botanical Journal of the Linnean Society*, 190(1), 67–82.
- Vidal Jr., J. de D.**, & Clark, V. R. (2019). Afro-Alpine Plant Diversity in the Tropical Mountains of Africa. In *Encyclopedia of the World’s Biomes* (p. 22). Elsevier.
- Vidal Jr., J. de D.**, de Souza, A. P., & Koch, I. (2019). Impacts of landscape composition, marginality of distribution, soil fertility and climatic stability on the patterns of woody plant endemism in the Cerrado. *Global Ecology and Biogeography*, 28(7), 904–916.

- The Brazil Flora Group** (2018). Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). *Rodriguésia*, 69, 1513–1527.
- Gomes, S. S. L., **Vidal, J. D.**, Neves, C. S., Zorzatto, C., Campacci, T. V. S., Lima, A. K., Koehler, S., & Viccini, L. F. (2018). Genome size and climate segregation suggest distinct colonization histories of an orchid species from Neotropical high-elevation rocky complexes. *Biological Journal of the Linnean Society*, 124(3), 456–465.
- Vidal Jr, J. de D.** (2018)\* PhD thesis. *Histórico da ocupação das chapadas brasileiras por espécies do gênero Rauvolfia L.(Apocynaceae) e suas implicações biogeográficas*.
- Vidal Jr, J. de D.**, Cortez, M. B., Alves, F. M., Koehler, S., de Souza, A. P., & Koch, I. (2018). Development and cross-validation of microsatellite markers for *Rauvolfia weddelliana* Müll. Arg.(Apocynaceae) species complex. *Brazilian Journal of Botany*, 41(3), 681–686.
- Messias, P. A., **Vidal Jr, J. de D.**, Koch, I., & Christianini, A. V. (2014). Host specificity and experimental assessment of the early establishment of the mistletoe *Phoradendron crassifolium* (Pohl ex DC.) Eichler (Santalaceae) in a fragment of Atlantic Forest in southeast Brazil. *Acta Botanica Brasilica*, 28, 577–582.
- Vidal Junior, J. de D.** (2014)\* Masters thesis. *Biogeografia do gênero Rauvolfia L.(Apocynaceae, Rauvolfioideae)*.

#### 4. TEACHING AND SUPERVISION EXPERIENCE

- 2022/2023. Lecturer: 101953 | HS Regionale Geographie Allgemeine/Regionale Geographie / Physische Geographie: Challenges and targets for the conservation of biodiversity in Latin America (43825) Allgemeine/Regionale Geographie / Physische Geographie (Advanced seminar). (24 teaching hours) Universität Passau. Passau, Germany.
2022. Lecturer: 101943 | HS Regionale Geographie Allgemeine/Regionale Geographie / Physische Geographie: Challenges and targets for the conservation of biodiversity in Latin America (43830) Allgemeine/Regionale Geographie / Physische Geographie: Challenges and targets for the conservation of biodiversity in Latin America (Advanced seminar). (24 teaching hours). Universität Passau. Passau, Germany.
2021. Postgraduate Lecturer: Aplicações do melhoramento molecular: Conservação e ecologia. BV 782. (2 teaching hours) Universidade Estadual de Campinas (UNICAMP), Brazil.
2019. Invited Lecturer: BOTA3734—7 Biogeography. (2 teaching hours) University of the Free State, Qwaqwa Campus. Phuthaditjhaba. South Africa.
2018. Postgraduate Lecture: Acrylamide genotyping for microsatellite markers. (4 teaching hours) Universidade de Campinas. Campinas. Brazil.
2015. Invited Lecturer: Ciências Biológicas (BSc)—Methods of field sampling of plants. (2 teaching hours) Universidade Federal de São Carlos. Sorocaba. Brazil.

#### 5. ORAL PRESENTATIONS IN CONFERENCES

- International Mountain Conference (IMC2022). Innsbruck. *Beyond the Tree-Line: The C3-C4 "Grass-Line" Can Track Global Change in the World's Grassy Mountain Systems*. 2022. (Conference).
- European Conference of Tropical Ecology (GTOE 2022). Montpellier. *Differential Adaptive Potential and Vulnerability to Climate-Driven Habitat Loss in Brazilian Mangroves*. 2022. (Conference).
- European Conference of Tropical Ecology (GTOE 2022). Montpellier. *Afromontane regions: past and future of mountain biodiversity under a changing climate*. 2022. (Conference).
- Brazilian Congress of Botany 2021. 71o Congresso Nacional de Botânica e o XIII Encontro de Botânicos do Centro-Oeste. *O endemismo das chapadas do Cerrado brasileiro*. 2021. (Congress).

Botany2020 (online congress). Botanical Society of America. *Landscape composition, marginality, and climatic stability roles on the patterns of woody plant endemism in the Cerrado*. 2020. (Congress).

The Conservation Symposium. Howick, KwaZulu-Natal. *Invited Keynote Speaker: Southern African Mountain Ecosystems - Indicators for Changes in Biodiversity*. 2019. (Symposium).

54° Grassland Society of Southern Africa Annual Congress. *Southern African Mountain Ecosystems - Indicators for Changes in Biodiversity*. 2019. (Congress).

IMC2019. Southern African Mountain Ecosystems - Indicators for Changes in Biodiversity. 2019. (Congress).

Mini school of evolution. *Biogeography of Angiosperm: lonely wanderers drifting?* 2015. UFSCar, Sorocaba - SP, Brazil. (Extension project).

## 6. PARTICIPATION IN CONGRESSES, MEETINGS, AND OTHERS

Gender and climate change. 2022. Universität Passau, Germany. (Panel moderation).

International Mountain Conference (IMC2022). Austria. (Conference)

European Conference of Tropical Ecology (GTOE 2022). France. (Conference)

12th International Conference for Prospective Leaders in Climate Protection and climate-related Resource Conservation. Alexander von Humboldt Stiftung, Germany. (Online Conference).

Brazilian Congress of Botany: 71o Congresso Nacional de Botânica e o XIII Encontro de Botânicos do Centro-Oeste. 2021, Brazil. (Online Congress)

Botany2020. Botanical Society of America. 2020, United States. (Online Congress).

2020 Congress of the South African Association of Botany—SAAB 2020. 2020. (Congress)

The Conservation Symposium (SANBI—South Africa). 2019. (Symposium)

54° Meeting of the Grasslands Society of Southern Africa. 2019. (Meeting)

2019 International Mountain Conference. 2019, Austria. (Conference)

67° Congresso Nacional de Botânica. 2017, Brazil. (Congress).

XIII Congresso de Ecologia/III International Symposium of Ecology and Evolution. 2017. (Congress).

66° Congresso Nacional de Botânica. 2015, Brazil. (Congress).

II Workshop de Biogeografia. 2014, Brazil. (Workshop).

Simpósio de Biologia Vegetal. 2014, Brazil. (Symposium).

XI Congresso Latino-Americano de Botânica. 2014, Brazil. (Congress).

64° Congresso Nacional de Botânica. 2013, Brazil. (Congress).

International Symposium on Phylogeography. 2010, Brazil. (Symposium).

## 7. RELEVANT COURSEWORK

**2021.** Assessing Species' Extinction Risk Using IUCN Red List Methodology. (online course, 12h). International Union For Conservation Of Nature And Natural Resources-Sui, IUCNNR.

**2019.** Biodiversity Data Management, including Darwin Core data standards, data cl. (course offered at the University of Free State, South Africa, 14h). Global Biodiversity Information Facility.

**2018.** Specialized Module On Cities And Climate Change. (online course, 2h). United Nations Institute for Training and Research, UNITAR.

**2018.** UN CC: Learn Introductory E-Course On Climate Change. (online course, 12h). United Nations Institute for Training and Research, UNITAR.

**2010.** Visual languages in communication. (60h). UFSCar - campus Sorocaba, UFSCAR, Brazil.

**2010.** Knowledge, wisdom, and science (online course, 5h). Fundação Getulio Vargas, Brazil.

**2010.** Philosophy. (30h). Fundação Getulio Vargas - SP, FGV-SP, Brazil.

**2009.** Environmental education – Transversal knowledge. (14h). SENAI, Brazil.

## **8. MEMBERSHIPS IN SCIENTIFIC COMMUNITIES**

Alexander von Humboldt Stiftung (alum association). **Germany.**

Society for Tropical Ecology GTÖ (member). **Germany.**

Grassland Society of South Africa (scientific board evaluator). **South Africa.**

Global Mountain Biodiversity Assessment (early career network member). **Switzerland.**

## **9. ACHIEVEMENTS**

International Climate Protection Fellowship 2022-2023 Call. **Alexander von Humboldt Foundation, Germany.**

Top performance ARU postdoctoral researcher 2019. **University of the Free State, South Africa.**

Highest publication number ARU postdoctoral researcher 2019. **University of the Free State, South Africa.**

Highest impact factor publication ARU postdoctoral researcher 2019. **University of the Free State, South Africa.**

## **10. LANGUAGES**

German A2 (2022). IFS (Institut für Sprachvermittlung und internationalen Kulturaustausch), Bonn, Germany.

German A1 (2021-2022). IFS (Institut für Sprachvermittlung und internationalen Kulturaustausch), Bonn, Germany.

English proficiency (ETS TOEFL-ITP, 653, C1) (2014).