

**Dr. Fabricio Villalobos**  
**CURRICULUM VITAE (short)**  
**February 2023**

**1. General information**

Full name: Crisóforo Fabricio Villalobos Camacho  
Birthplace: Tuxtla Gutiérrez, Chiapas, México.  
Birth date: November 06, 1981  
Citizenship: Mexican  
E-mail: [fabricio.villalobos@gmail.com](mailto:fabricio.villalobos@gmail.com)  
Lab webpage: <https://maevolab.mx>  
Current position: Investigador Titular B, Red de Biología Evolutiva, Instituto de Ecología A.C. <http://inecol.edu.mx/personal/index.php/biologia-evolutiva/184-fabricio-villalobos>. Collaborating Professor – Graduate Programs in Ecology and Evolution and Animal Biodiversity, Federal University of Goiás, Brazil. <http://www.ecoevol.ufg.br/p/6766-docentes>

**2. Academic education**

2006 B.S. (Biology) School of Sciences. Universidad Nacional Autónoma de México (UNAM)  
2011 PhD (Biological Sciences) Institute of Ecology. Universidad Nacional Autónoma de México (UNAM)

**3. Appointments**

2009-2011 Lecturer, Conservation Biology, Licenciatura en Ciencias Ambientales, Centro de Investigaciones en Ecosistemas, Universidad Nacional Autónoma de México. Morelia, Michoacán.  
2012-2014 Post-Doc, Ecology and Evolution, Universidade Federal de Goiás, Brazil  
2014- Collaborating Professor, Graduate Program in Ecology and Evolution, Universidade Federal de Goiás, Brazil  
2015- Collaborating Professor, Graduate Program in Animal Biodiversity, Universidade Federal de Goiás, Brazil  
2016- Full researcher (Investigador Titular B), Red de Biología Evolutiva, Instituto de Ecología A.C. <http://inecol.edu.mx/personal/index.php/biologia-evolutiva/184-fabricio-villalobos>

**4. Honors**

2008-2011 **Ecological Society of America (ESA):** Secretary of the Mexican Chapter, ESA (2008-2009, 2009-2010); International Affairs Officer, ESA-Student Section (2009-2010); Mexico Chapter Liason, ESA-Student Section (2010-2011).  
2009 **“Bernardo Villa Award”** for best study of bat biology by a Mexican student of the North American Society for Bat Research (NASBR).

- 2010           **“John L. Harper Award”** for best PhD project presentation. Instituto de Ecología, Universidad Nacional Autónoma de México.
- 2015           **International Biogeography Society (IBS):** Governing Board, “Student at Large” (2015-2017).
- 2015-2017    **National Researcher**, Level I, National System of Researchers (SNI), National Council of Science and Technology (CONACYT, Mexico).
- 2018-2021    **National Researcher**, Level II, National System of Researchers (SNI), National Council of Science and Technology (CONACYT, Mexico).
- 2022-2026    **National Researcher**, Level III (highest), National System of Researchers (SNI), National Council of Science and Technology (CONACYT, Mexico).

## 5. Publications

Scientometric analysis (ResearcherID/Web of Science)

Total articles in publication list: **83**. Articles with citation data: **77**. Sum of the times cited: **2,327**. Average citations per article: **30.62**. H-index: **21**

Total number of papers (i.e., including papers and book chapters not indexed by the Web of Science): **89**. Book Chapters: **6**

### Selected publications in last five years ( \* denotes students, \*\* denotes correspondence):

- \*Carvajal-Quintero, J., Comte, L., Giam, X., Olden, J. D., Brose, U., Erős, T., ... Villalobos, F. & Tedesco, P. A. 2023. Scale of population synchrony confirms macroecological estimates of minimum viable range size. *Ecology Letters*, 26 (2), 291-301. doi: 10.1111/ele.14152
- Rubalcaba, J. G., Gouveia, S. F., Villalobos, F., Cruz-Neto, A. P., Castro, M. G., Amado, T. F., ... & Olalla-Tárraga, M. Á. 2022. Physical constraints on thermoregulation and flight drive morphological evolution in bats. *Proceedings of the National Academy of Sciences*, 119(15), e2103745119. doi: 10.1073/pnas.2103745119
- \*Luna, P., Villalobos, F., Escobar, F., Neves, F. S., & Dáttilo, W. 2022. Global trends in the trophic specialisation of flower-visitor networks are explained by current and historical climate. *Ecology Letters*, 25(1), 113-124. doi: 10.1111/ele.13910
- \*Corro, E. J., \*\*Villalobos, F., Lira-Noriega, A., Guevara, R., Guimarães Jr, P. R., & Dáttilo, W. 2021. Annual precipitation predicts the phylogenetic signal in bat–fruit interaction networks across the Neotropics. *Biology Letters*, 17(12), 20210478. doi: 10.1098/rsbl.2021.0478
- \*García-Andrade, A.B., \*Carvajal-Quintero, J.D., Tedesco, P.A., \*\*Villalobos, F. 2021. Evolutionary and environmental drivers of species richness in poeciliid fishes across the Americas. *Global Ecology and Biogeography* 30, 1245-1257. doi:10.1111/geb.13299

- González-Tokman, D., Córdoba-Aguilar, A., Dáttilo, W., Lira-Noriega, A., Sánchez-Guillén, R.A., Villalobos, F. Insect responses to heat: physiological mechanisms, evolution and ecological implications in a warming world. *Biological Reviews* 95, 802-821. doi: 10.1111/brv.12588
- Nori, J., Loyola, R., Villalobos, F. Priority areas for conservation of and research focused on terrestrial vertebrates. *Conservation Biology* 34, 1281-1291. doi:10.1111/cobi.13476
- Bennett, J.M., Sunday, J., Calosi, P., Villalobos, F. et al. 2021. The evolution of critical thermal limits of life on Earth. *Nature Communications* 12, 1198. doi: 10.1038/s41467-021-21263-8
- \*Carvajal-Quintero, J.D., Villalobos, F., Oberdorff, T., Grenouillet, G., Brosse, S., Hugueny, B., Jézéquel, C., Tedesco, P. 2019. Drainage network position and historical connectivity explain global patterns in freshwater fishes range size. *Proceedings of the National Academy of Sciences* 116, 13434-13439. doi: 10.1073/pnas.1902484116
- \*Pinto-Ledezma, J.N., Jahn, A.E., Cueto, V.R., Diniz-Filho, J.A.F., \*\*Villalobos, F. 2019. Drives of phylogenetic assemblage structure of the Furnariides, a widespread clade of lowland Neotropical birds. *The American Naturalist* 193, E41-E56. doi: 10.1086/700696

## 6. Student supervision/mentoring

PhD students: **17 (10 finished)**

MSc students: **8 (7 finished)**

Undergrad students: **1 (Finished)**

## 6. Professional services

### Editorial board

Journal of Biogeography, Biological Conservation (guest), Biogeographia, Frontiers in Ecology and Evolution: Conservation, Frontiers in Ecology and Evolution: Paleoecology

## 7. Memberships

International Biogeography Society (IBS), Ecological Society of America (ESA), Society for the Study of Evolution (SEB), Mexican Scientific Ecological Society (SCME)

## 8. Publications reference links

Google Scholar: <https://scholar.google.com.br/citations?user=9CxnRG4AAAAJ&hl=en&oi=ao>

ResearchGate: [https://www.researchgate.net/profile/Fabricio\\_Villalobos3](https://www.researchgate.net/profile/Fabricio_Villalobos3)

ResearcherID: <http://www.researcherid.com/rid/J-6246-2012>