

AYMER ANDRÉS VÁSQUEZ-ORDÓÑEZ

Yerba Buena, Tucumán, **Argentina**

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EDUCATION

UNIVERSIDAD DEL VALLE

Cali, Colombia

2. PhD in Science-Biology

2017-2022

Meritorious thesis: Agroecological causes of massive death of Peach palm (*Bactris gasipaes*) by weevils in Colombia.

Committee: Bernhard Leo Löhr (chair), James Montoya Lerma.

Ratings: 4.6 out of 5.

1. Biology

2004-2010

Thesis: Parasitism of *Kapala iridicolor* (Hymenoptera: Eucharitidae) in *Ectatomma ruidum* (Hymenoptera: Formicidae) on the Meléndez campus of the Universidad del Valle

Advisors: Inge Armbrrecht (chair), Gabriela Pérez-Lachaud.

Ratings: 4.2 out of 5.

Professional registration: 1130618625 (Colombia).

RESEARCH EXPERIENCE

Instituto de Ecología Regional (Consejo Nacional de Investigaciones Científicas Técnicas (CONICET) y Universidad Nacional de Tucumán)-Asociación Argentina de Consorcios Regionales de Experimentación Agrícola (CREA)

Tucumán,
Argentina

12. Position: Postdoctoral Fellow.

2025

Project: " Remote Biodiversity Monitoring in the Gran Chaco: Integrating Satellite Data and Local Biodiversity Descriptors for Conservation Promotion"

Funding Entity: CONICET y CREA.

Budget: US\$ 32.904. Supervisor: Roxana Aragón y Natacha Paola Chacoff.

Fundación Ecovivero

Cali, Colombia

11. Position: Biologist.

2025

Project: "Plant Conservation and Women's Empowerment in San Antonio Forest/Km18, Colombia"

Funding Entity: Critical Ecosystem Partnership Fund – CEPF.

Budget: US\$ 50.000. Supervisor: Jorge Giraldo Gensini y María Angélica Villa.

10. Position: Principal investigator.

2021-2024

Project: Ecology of arthropods from Valle del Cauca, Colombia.

Funding entity: Ecovivero Foundation's own resources.

- Universidad del Valle** Cali, Colombia
2025
9. Position: Principal investigator.
Project: Design, Implementation, and Analysis of a Meliponine Bee Census at the Experimental Station of the Universidad del Valle, Meléndez Campus.
Funding entity: Miscellaneous Services and Environmental Management Section, Universidad del Valle. Budget: US\$ 486 (funding in COP).
Supervisor: Sergio Andrés Cardona Plazas.
8. Position: Doctoral student and member of the working team 2017-2021
Project: Agroecological causes of the mass death of peach palms (*Bactris gasipaes*, Arecaceae) in Colombia. Funding entity: Ministry of Science, Technology and Innovation of Colombia, National Doctorate Grants 2016. Budget: US\$ 64.617 (funding in COP).
Principal investigator: James Montoya Lerma.
7. Position: Doctoral student and member of the working team 2017-2021
Project: Phytosanitary diagnostic and management of mass death of peach palms (*Bactris gasipaes*, Arecaceae) in Colombia. Funding entity: Ministry of Science, Technology and Innovation of Colombia, Projects to generate new knowledge 2017. Budget: US\$ 50.680 (funding in COP).
Principal investigator: Inge Armbrrecht.
- Universidad Nacional Autónoma de México (UNAM)** Ciudad de México
2022-2024
6. Position: Principal investigator
Project: Environmental tolerance of *Cactoblastis cactorum* pupae (Lepidoptera: Pyralidae) in native populations of Argentina with different soil types. EF: Universidad Nacional Autónoma de México (UNAM), Postdoctoral Scholarships 2022. Budget: US\$ 43.297 (funding in MXN). Supervisor: Juan Enrique Fornoni Agnelli.
5. Position: Academic scholar and member of the working team 2022-2024
Project: Potential invasion dynamics of *Cactoblastis cactorum* in Mexico: a genomic and range modelling approach. Funding entity: UNAM, Support Program for Research and Technological Innovation Projects 2022. Budget: US\$ 45.664 (funding in MXN).
Principal investigator: Juan Enrique Fornoni Agnelli.
- 4. Independent work** Perú
2016
Position: Field assistant
Project: Observational study of maca (*Lepidium meyenii*) in the Peruvian plateau.
Funding entity: Researcher's own resources.
Principal investigator: Soroush Parsa.
- 3. International Center for Tropical Agriculture (CIAT)** Palmira, Colombia
2013 – 2015
Position: Research assistant.
- Director of CIAT Pest Diagnostics and Ecoinformatics.
 - Curators CIAT Arthropod References Collection (CIATARC).
 - Head of one technician and five undergraduate students.
- Supervisors: Soroush Parsa and Luis Augusto Becerra.

2. Omacha Foundation

Position: Biologist.

Project: Generation of diversity information of ants, dung beetles and butterflies in the “El Salero” and “Los Patos” estuaries in Casanare, Colombia. Supervisor: Fernando Trujillo.

Bogotá, Colombia

2012

1. Universidad de Puerto Rico and Universidad Nacional de Tucumán

Position: Field and laboratory assistant

Project: Robustness in the parasitoid's community of Chaco Serrano, Tucumán, Argentina. Supervisor: Ana Carolina Monmany Garzia.

Tucumán, Argentina

2008

GRANTS AND AWARD

16. Co-Funded Postdoctoral Fellowship

2025

Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) y Asociación Argentina de Consorcios Regionales de Experimentación Agrícola (CREA)

15. Candidate for National Researcher

2022-2026

Consejo Nacional de Ciencia y Tecnología, CONACYT, Gobierno de México

14. Junior Researcher

2022

Science, Technology and Innovation Minister, Colombia.

13. Postdoctoral fellowship at UNAM (POSDOC)

2022

Universidad Nacional Autónoma de México

12. Sponsored student membership

2022

The International Society of Hymenopterists.

11. Meritorious PhD Thesis

2022

Postgraduate in Biology Sciences, Universidad del Valle, Colombia.

10. Student Fellowships: registration-waiver grants

2021

Annual Virtual Meeting, Association for Tropical Biology and Conservation.

9. Award of the best student presentation for the Americas session

2021

Hymathon 2021: a 24-hour marathon online symposium of Hymenoptera, The International Society of Hymenopterists.

8. Dedicated wasp species (*Oasema vasquezii* Heraty & Baker, 2020)

2020

Universidad de California, Riverside, CA, EUA.

7. National Doctoral Scholarship

2017-2020

Science, Technology and Innovation Minister, Colombia.

6. H. Hoogstraal Memorial Fund

2015

Acarology Summer Program in Ohio State University

5. Academic excellence in language studies

2014

Employee Fund of International Center for Tropical Agriculture (CRECIAT).

4. Excellence in job performance International Center for Tropical Agriculture (CIAT).	2013
3. Professor Assistant Scholarship Universidad Nacional de Colombia.	2011-2012
2. “Luis Felipe Mosquera” awards for best photography Sociedad Colombiana de Entomología.	2011
1. Academic excellence Scholarship Biology Department, Universidad del Valle.	2005-2006

ACADEMIC AND DISSEMINATION PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

13. Betancourt-Caicedo A., **Vásquez-Ordóñez, A.A.**, Pinto-da-Rocha R., Cabra-García J (corresponding author, CA). **2024.** Two new species of the genus *Quindina* Roewer, 1914 (Opiliones: Nomoclastidae) from Colombia: phylogenetic relationships and notes on their nest architecture. Journal of Natural History 58 (41-44): 1937-1959. Factor de impacto- Clarivate (FI-JCR) (2022): 0.8 [Q4].
12. **Vásquez-Ordóñez, A.A.** (CA), Torres-López, W., Monmany-Garzia, A.C. A multi-scale approach to study palm-weevils in a tropical agroecosystem. Landscape Ecology 39: 45. Impact factor of Journal Citation Reports - Clarivate (IF-JCR) (2022): 5.2 [Q1].
11. Gaviria, J. (CA), Montoya Lerma, J., Armbrrecht, I., Löhr, B.L., **Vásquez-Ordóñez, A.A.**. 2021. *Dynamis borassi* (Coleoptera: Dryophthorinae) a new potential pest to the palms (Arecaceae): an early warning for the palm producers. Florida Entomologist 104(2): 107-116. IF-JCR (2021): 1.4 [Q3].
10. Bautista-Giraldo, M.A. (CA), Armbrrecht, I., **Vásquez-Ordóñez, A.A.** 2020. The weevil *Dynamis borassi* (Coleoptera: Curculionidae: Dryophthorinae) associated with native palms in forests and disturbed areas in Buenaventura, Colombia. Revista Colombiana de Entomología 46 (2): e7721.
9. Ovalle, T.M., **Vásquez-Ordóñez, A.A.**, Jimenez, J., Parsa, S., Cuellar, W.J., Becerra Lopez Lavalle, L.A. (CA). 2020. A simple PCR-based method for rapid and accurate identification of spider mites (Tetranychidae) on cassava. Scientific Reports 10: 19496. IF-JCR (2020): 4.4 [Q1].
8. **Vásquez-Ordóñez, A.A.** (CA). 2020. Gustavo Kattan (1953-2020) and his contributions to the tropical entomology: a tribute to his work. Boletín del Museo de Entomología de la Universidad del Valle 7(2): 17-18.
7. **Vásquez-Ordóñez, A.A.**, Löhr, B.L., Marvaldi, A. (CA). 2020. Comparative morphology of the larvae of the palm weevils *Dynamis borassi* (Fabricius) and *Rhynchophorus palmarum* (L.) (Curculionidae: Dryophthorinae): Two major pests of peach palms in the Neotropics. Papéis Avulsos de Zoologia: e202060(s.i.).27.
6. Löhr, B. L. (CA), **Vásquez-Ordóñez, A.A.**, Becerra Lopez-Lavalle, L.A. 2015. *Rhynchophorus palmarum* in disguise: undescribed polymorphism in the “black” palm weevil. Plos one 10(12): e0143210. IF-JCR (2015): 3.1 [Q1].

5. **Vásquez-Ordóñez, A.A.** (CA), Hazzi, N., Escobar-Prieto, D., Paz-Jojoa, D., Parsa, S. 2015. A geographic distribution database of the Neotropical cassava whitefly complex (Hemiptera, Aleyrodidae) and their associated parasitoids and hyperparasitoids (Hymenoptera). *ZooKeys* 545: 75-87. IF-JCR (2015): 0.9 [Q3].
4. Parsa, S. (CA), Hazzi, N., Chen, Q., Lu, F., Herrera Campo, B., Yaninek, S., **Vásquez-Ordóñez, A.A.** 2014. Potential geographic distribution of two invasive cassava green mites. *Experimental and Applied Acarology* 65(2): 195-204. IF-JCR (2015): 1.6 [Q2].
3. **Vásquez-Ordóñez A.A.** (CA), Parsa S. 2014. A geographic distribution database of *Mononychellus* mites (Acari, Tetranychidae) on cassava (*Manihot esculenta*). *Zookeys* 407: 1-8. IF-JCR (2015): 0.9 [Q3].
2. **Vásquez-Ordóñez A.A.**, Armbrrecht, I., Pérez-Lachaud, G. (CA). 2012. Effect of Habitat Type on Parasitism of *Ectatomma ruidum* by Eucharitid Wasps. *Psyche* 2012: 1-7.
1. **Vásquez-Ordóñez, A.A.** (CA). 2006. Género *Kapala* Cameron (Hymenoptera: Eucharitidae) en el campus Meléndez de la Universidad del Valle (Cali-Colombia) [*Kapala* Cameron genera (Hymenoptera: Eucharitidae) in Melendez Campus of Universidad del Valle, Cali, Colombia]. *Boletín del Museo de Entomología de la Universidad del Valle* 7(2): 17-18.

CHAPTER OF BOOK

1. Kondo, T.; Rincón, D. F.; Pérez-Álvarez, R., **Vásquez-Ordóñez, A.A.** González, G. F. 2018. Use of predators as biological control agents for pest insect. Chapter 9. Pp. 454-485. In: Cotes, A. M. (Ed.). *Biological control of phytopathogens, insects and mites*. Corporación Colombiana de Investigación Agropecuaria, AGROSAVIA.

ARTICLES OF SCIENTIFIC DISSEMINATION

6. **Vásquez-Ordóñez, A.A.** 2024. Weevils and the global challenges of humanity: the case of emerging pests. A Digital Newsletter for Curculionoidea Research-ROSTRUM.
5. **Vásquez-Ordóñez, A. A.** 2023. The bust of Alexander von Humboldt in Santiago de Cali, Colombia: its history and importance for the region. *Boletín del Postgrado en Ciencias-Biología de la Universidad del Valle* 10: 61-66.
4. **Vásquez-Ordóñez, A. A.** 2023. The importance of a biological vision to solve social problems: the case of the massive death of peach palms in Colombia. *Boletín del Postgrado en Ciencias-Biología de la Universidad del Valle* 10: 30-35.
3. **Vásquez-Ordóñez, A. A.** 2022. How to observe the arthropofauna of your region? Recommendations to enjoy and learn from these organisms in nature. *Revista Mundo Artrópodo* 12: 21-28.
2. **Vásquez-Ordóñez, A. A.** 2021. Hymenopterological investigations in a tropical urban ecosystem with citizen participation. *Hamuli* 12(1): 11-12.
1. **Vásquez-Ordóñez, A. A.** & D. Posso Duque. 2019. New Student Representative of the Postgraduate in Sciences-Biology, Aymer Andrés Vásquez Ordóñez. *Boletín del Postgrado en Ciencias-Biología de la Universidad del Valle* 5(1): 17-19.

PEER REVIEWER EXPERIENCE

Journals

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| 6. Chilean Journal of Agricultural & Animal Science (Chile) | 2024 |
| 5. Biotropica (United States of America) | 2023-2024 |
| 4. Annals of Applied Biology (United Kingdom) | 2023 |
| 3. Revista Colombiana de Entomología (Colombia) | 2019-2020 |
| 2. Boletín del Museo de Entomología de la Universidad del Valle (Colombia) | 2019 |
| 1. Zookeys (Bulgaria) | 2016 |

Books

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| 1. Castaño-Quintana <i>et al.</i> Integrated management of herbivorous insects in sustainable livestock systems. Centro para la Investigación en Sistemas Sostenibles de Producción Agropecuaria CIPAV, Cali, Colombia. 306p. In Spanish. | 2019 |
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CONFERENCE PRESENTATIONS

47. Cardona, S.A., Gallego, M.C., Armbrrecht, I., **Vásquez-Ordóñez, A.A.**, Yotengo, J.A., & Sardi, A. 2025. Dry Forest Ecological Restoration and Bees of the Tribe Meliponini: An Essential Relationship. 53rd Congress of the Colombian Society of Entomology (SOCOLEN). June 25-27, Santa Marta, Magdalena, Colombia (oral presentation).
46. **Vásquez-Ordóñez, A.A.** 2025. Educating in a Megadiverse Country: An Invitation to Integrate Biodiversity into Educational Institutions. June 5-6, 2025, VI International Symposium on Education, Mission and Culture, Colegio Americano de Cali and Lee University, Cali, Colombia (invited Speaker).
45. **Vásquez-Ordóñez, A.A.** 2024. Bees and Cities in Valle del Cauca: Enemies or Allies? Biodiversity and Governance in Cali. November 29, 2024, Mayor's Office of Santiago de Cali, Universidad del Valle y Universidad Icesi, Cali, Colombia (invited speaker).
44. **Vásquez-Ordóñez, A.A.** 2024. The Power of the iNaturalist App in Scientific Research, Outreach, and Education. IV Graduate Programs Meeting, Faculty of Natural and Exact Sciences. November 01, 2024, Universidad del Valle, Cali, Colombia (invited speaker).
43. **Vásquez-Ordóñez, A.A.** 2024. Phenotypic plasticity to soil moisture of *Cactoblastis cactorum* and levels of parasitism under semi-arid and subtropical conditions. Symposium on Complex Biotic Interactions in Agroecosystems. IX Congreso Mexicano de Ecología 2024. Octubre 06-11, 2024, San Cristóbal de las Casas, Chiapas (invited speaker).
42. **Vásquez-Ordóñez, A.A.** 2024. Local adaptation or phenotypic plasticity to soil moisture conditions in the native region of *Cactoblastis cactorum*? explaining its global invasive capacity. Institutional seminar of the Institute of Ecology. August 9, Institute of Ecology, Universidad Nacional Autónoma de México (invited speaker).
41. **Vásquez-Ordóñez, A.A.** 2024. A more biological vision of the work to prevent invasive and emerging pests: the cases of the moth *Cactoblastis cactorum* and the weevil *Dynamis borassi*. Quarantine pests Symposium, 51st Congress of Entomological Society of Colombia-Socolen. July 10-14 Santiago de Cali, Colombia (invited speaker).

40. **Vásquez-Ordóñez, A.A.**, Ordano, M., Fornoni Agnelli, J.E. 2024. Experimental and empirical evidences of phenotypic plasticity to soil moisture conditions in the invasive cactus moth, *Cactoblastis cactorum* (Pyrallidae). 3rd Joint Congress on Evolutionary Biology. June 27-28, Montreal, Canada (oral presentation).
39. **Vásquez-Ordóñez, A.A.** 2024. A more biological vision of the work to prevent invasive and emerging pests: the cases of the moth *Cactoblastis cactorum* and the weevil *Dynamis borassi*. Cycle of Talks of the Science-Biology Postgraduate, Universidad del Valle. June 17, Santiago de Cali, Colombia (invited speaker).
38. Betancourt-Caicedo, A., **Vásquez-Ordóñez, A.A.**, Cabra-García, J., Pinto-Da-Rocha, R. 2024 (scheduled). The discovery of new species of the genus *Quindina* Roewer, 1914 (Opiliones: Nomoclastidae) from Colombia reveals a new nest architecture. VII Congreso Latinoamericano de Aracnología. Junio 16-21, Bogotá, Colombia (oral presentation).
37. **Vásquez-Ordóñez, A.A.** 2023. Deforestation and the origin of new agricultural pests. Institutional seminar of the Institute of Ecology. August 4, Institute of Ecology, Universidad Nacional Autónoma de México (invited speaker).
36. **Vásquez-Ordóñez, A.A.** 2023. Deforestation and the origin of new agricultural pests: The case of palm weevil borers. Cycle of Talks of the Regional Institute of Ecology. June 21, Institute of Regional Ecology, Universidad Nacional de Tucumán (invited speaker).
35. **Vásquez-Ordóñez, A.A.** 2023. Deforestation and the origin of new agricultural pests: The case of the weevil *Dynamis borassi*. Cycle of Seminars and Workshops in the Area of Integrative Biology - 4th. Mayo 17, Miguel Lillo Foundation, Tucumán, Argentina (invited speaker).
34. **Vásquez-Ordóñez, A.A.** 2022. Population changes of the bee *Nannotrigona pilosa* in a neotropical urban environment over a decade. LVI National Congress of Entomology. Mexican Society of Entomology and Entomological Academy of Mexico. November 27th-30th, Mexico (oral presentation).
33. Hernández Romero, D. **Vásquez-Ordóñez, A.A.** 2022. The urban Hemiptera of Santiago de Cali, Colombia: List of species, citizen science, and a quick guide to their identification. 49th Congress of Entomological Society of Colombia-Socolen. July 6th-8th. Bogotá, Colombia (invited speaker).
32. **Vásquez-Ordóñez, A.A.** 2022. Is it important to conserve native forests to prevent the appearance of new agricultural pests? The case of the weevil *Dynamis borassi* (Coleoptera: Curculionidae). Functional agrobiodiversity in large-scale crops Symposium, 49th Congress of Entomological Society of Colombia-Socolen. July 6th-8th. Bogotá, Colombia (invited speaker).
31. **Vásquez-Ordóñez, A.A.** 2022. Myths and truths about nature research: the experience of a biologist from Cali knowing the living world. VII Young Researchers Contest, German School, and World School. June 02-03. Santiago de Cali, Colombia (invited speaker).
30. **Vásquez-Ordóñez, A.A.** 2022. Nature of Santiago de Cali: an opportunity for education and generation of knowledge. Cycle of talks of the Naturalist Challenge 2022. Abril 22nd-mayo 09th. Santiago de Cali, Colombia (invited speaker).
29. **Vásquez-Ordóñez, A.A.** 2022. The nesting association between *Azteca* and *Polybia rejecta* (Hymenoptera: Formicidae and Vespidae) in the Cauca River valley, Colombia: a new geographical report and presence in urbanized areas. Hymanthon. March 31st- April 01st. International Society of Hymenopterists (oral presentation).

- 28. Vásquez-Ordóñez, A.A.** 2021. Richness and geographic distribution of insects in the city of Santiago de Cali, Valle del Cauca, Colombia. November 11th-20nd. I Symposium on Urban Ecodiversity. Universidad del Quindío, Universidad del Valle and Universidad del Cauca, Colombia (oral presentation).
- 27. Vásquez-Ordóñez, A.A.** 2021. Entomology in the city: a fertile field for research into the natural history of tropical insects. XIX Iberian Congress of Entomology. September 21st- 24th. Sociedade portuguesa de Entomologia (oral presentation).
- 26. Vásquez-Ordóñez, A.A.,** Torres, W., Monmany-Garzia, A.C. 2021. Importance of landscape in pest-palm dynamics in a tropical agroecosystem. XXIX Argentine Ecology Meeting. August 4-6. Instituto de Ecología Regional (IER – CONICET – UNT) and the Asociación Argentina de Ecología (AsAE) (oral presentation).
- 25. Vásquez-Ordóñez, A.A.,** Criollo, J., López-Machado, F., Pereira, D. 2021. Insect-extrafloral nectary associations in different growth stages of Bombacoidea (Malvales: Malvaceae) trees in a tropical urban ecosystem. XXIX Argentine Ecology Meeting. August 4th-6th. Instituto de Ecología Regional (IER – CONICET – UNT) and the Asociación Argentina de Ecología (AsAE) (oral presentation).
- 24. Vásquez-Ordóñez, A.A.,** Armbrrecht, I., Montoya Lerma, J., Torres, W.; Monmany-Garzia, A.C., Löhr, B.L. 2021. Ecological and evolutionary explanations for a new interaction between stem borer weevils (*Dynamis borassi* and *Rhynchophorus palmarum*) and peach palm (*Bactris gasipaes*) in a tropical agroecosystem. ATBC 2021 Virtual Meeting. July 21st-23rd, Association for Tropical Biology and Conservation (lightning talk).
- 23. Vásquez-Ordóñez, A.A.,** Criollo, J.L. 2021. New nesting and frugivory associations with *Rhipsalis baccifera* (Cactaceae) in an urban ecosystem. First Colombian Symposium of Epiphytes. June 9th-11th (accepted). Jardín Botánico de Medellín, Colombia (video-poster).
- 22. Vásquez-Ordóñez, A.A.** 2021. Ecological and evolutionary explanations for a new interaction between stem borer weevils and peach palm (*Bactris gasipaes*). International seminar for scientific exchange. June 02nd, Universidad Técnica de Cotopaxi-Universidad del Quindío-Universidad Regional Amazónica, Ecuador y Colombia (invited speaker).
- 21. Vásquez-Ordóñez, A.A.,** Criollo, J., López-Machado, F., Pereira, D. 2021. Ant-extrafloral nectary associations in different growth stages of Bombacoidea (Malvales: Malvaceae) trees in a tropical urban ecosystem. Hymanthon. May 6th-7th. International Society of Hymenopterists (oral presentation).
- 20. Vásquez-Ordóñez, A.A.,** Marín, D., Urcuqui, D., Löhr, B., Becerra López-Lavalle, L.A. 2021. Molecular taxonomy of palm weevils *Rhynchophorus* and *Dynamis* (Coleoptera: Curculionidae: Dryophthorinae), and their geographical variation in morphology and genetics. Encontro de Coleoptera-The Coleopterists Society. March 15th-19th, Brasilia, Brazil (oral presentation).
- 18, 19. Vásquez-Ordóñez, A. A.** 2019-2020. Massive death of Peach Palm (*Bactris gasipaes*, Arecaceae) in Colombia: diagnostic and possible causes.
- Second Seminar of National Producers of Peach Palm. February 27th, 2020. Putumayo, Colombia (invited speaker).
 - Fourth Tropical Agroforestry Seminar and first international. August 22nd, 2019. Universidad del Valle, Palmira, Colombia (invited speaker).

17. **Vásquez-Ordóñez, A. A.**, Montoya Lerma, J., Armbrrecht, I., Löhr, B. L. 2019. 2019. The weevil *Dynamis borassi* (Coleoptera: Dryophthoridae), the causal agent of the death of Peach Palm (*Bactris gasipaes*, Arecales: Arecaceae) in Colombia. XLVI Congress of Entomological Society of Colombia-Socolen. July 17th-19th, Medellín, Colombia (oral presentation).
16. García Chamizo, C.M., **Vásquez-Ordóñez, A.A.**, Hernández Torres, F.L. 2019. Analysis of hyperspectral data of Peach Palm (*Bactris gasipaes*, Arecales: Arecaceae) affected by *Rhynchophorus palmarum* and *Dynamis borassi* (Coleoptera: Dryophthoridae) in the Colombian Pacific. XLVI Congress of Entomological Society of Colombia-Socolen. July 17th-19th, Medellín, Colombia (poster presentation).
15. Bautista-Giraldo, M. A., **Vásquez-Ordóñez, A.A.**, Löhr, B., Montoya-Lerma, J., Armbrrecht, I. 2018. Peach Palm Weevils (Coleoptera: Dryophthoridae): Pests induced by deforestation of native palms in Buenaventura, Colombia? VII The Latin America Congress of Agroecology, SOCLA. October 2nd-5th. Guayaquil, Ecuador (oral presentation).
14. **Vásquez-Ordóñez, A.A.** 2018. Plan/Insect interaction: The Peach palm as example. Insectopolis III. May 19th-26th. Cali, Colombia (invited speaker).
13. **Vásquez-Ordóñez, A.A.** 2015. Integrative taxonomy: a new tool for description of entomological diversity. Insectopolis II. May 5th-30th. Cali, Colombia (invited speaker).
12. **Vásquez-Ordóñez, A.A.** 2014. Taxonomic Review of Eucharitid Wasp (Chalcidoidea: Eucharitidae) of Colombia. 8th International Congress of Hymenopterists. July 20th-25th. Cuzco, Perú (invited speaker).
11. **Vásquez-Ordóñez, A. A.**, Parsa, S. 2014. Database of parasitoids and hyperparasitoids associated with whiteflies (Homoptera: Aleyrodidae) on cassava (*Manihot esculenta*) and beans (*Phaseolus vulgaris*). 8th International Congress of Hymenopterists. July 20th-25th. Cuzco, Perú (poster presentation).
10. **Vásquez-Ordóñez, A.A.** 2014. Data Paper: a new tool to increase the data publication associated with entomological collection. XXXXI Congress of Entomological Society of Colombia-Socolen. July 15th-18th. Cali, Colombia (invited speaker).
9. **Vásquez-Ordóñez, A.A.**, Parsa, S.. 2014. Known and potential distribution of the *Mononychellus* mites (Trombidiformes: Tetranychidae) in cassava (*Manihot esculenta* Crantz). XXXXI Congress of Entomological Society of Colombia-Socolen. July 15th-18th. Cali, Colombia (poster presentation).
8. **Vásquez-Ordóñez, A. A.**, Parsa, S. 2013. CIAT pest diagnostic and ecoinformatic Laboratory: a practical-theoretical approach]. XXXX Congress of Entomological Society of Colombia-Socolen. July 10th-12th. Bogotá, Colombia (oral presentation).
7. **Vásquez-Ordóñez, A.A.** 2012. First record of *Galearia* and *Thorocantha* for Colombia, and new association records of *Kapala* (Hymenoptera: Eucharitidae) and *Triumfetta* (Malvales: Malvaceae). XXXIX Congress of Entomological Society of Colombia-Socolen. July 11th-13th. Ibagué, Colombia (poster presentation).
6. **Vásquez-Ordóñez, A.A.**, Sarmiento, C.E. 2012. Mesosoma morphometric differentiation in *Kapala iridicolor* (Cameron) and *K. sulcifacies* (Cameron) (Hymenoptera: Eucharitidae) in Colombia. VIII Entomological Argentine Congress-CAE. April 17th-20th. Bariloche, Argentina (poster presentation).

5. **Vásquez-Ordóñez, A. A.**, Sarmiento, C. E. 2011. Morphometric differentiation in *Kapala iridicolor* (Cameron) and *K. sulcifacies* (Cameron) (Hymenoptera: Eucharitidae) in Colombia. XXXVIII Congress of Entomological Society of Colombia-Socolen. July 27th-29th. Manizales, Colombia (oral presentation).
4. **Vásquez-Ordóñez, A.A.**, Armbrrecht, I., Pérez-Lachaud, G. 2009. Parasitism register of *Kapala iridicolor* (Hymenoptera: Chalcidoidea) on *Ectatomma ruidum* (Hymenoptera: Formicidae) in the Melendez Campus of Universidad del Valle, Cali, Colombia. VII Social insect colloquium of International Union for the Study of Social Insects-IUSSI. August 19th-21st. Bogotá, Colombia (poster presentation).
3. **Vásquez-Ordóñez, A.A.**, Tenorio, E.A. 2009. The Macroecology: A new tools for the biological conservation. IX Ecological Research colloquium of Biology Department, Universidad del Valle. June 4th. Cali, Colombia (oral presentation).
2. López C., **Vásquez-Ordóñez, A.A.** 2008. Endoparasites of *Myotis nigricans* and *Eptesicus brasiliensis* (Chiroptera: Vespertilionidae) in the Melendez Campus of Universidad del Valle, Cali, Colombia. VII Ecological research colloquium of Biology Department, Universidad del Valle. June 27th. Cali, Colombia (oral presentation).
1. **Vásquez-Ordóñez, A.A.** Rengifo, L., Fuentes, G. 2006. Epigeal ant's diversity on pasture and polyculture in the "Morales" (Caloto, Cauca). IV Ecological research colloquium of Biology Department, Universidad del Valle. December 27th. Cali, Colombia (oral presentation).

INTERSHIPS

- | | |
|---|--------------------------------|
| 6. Miguel Lillo Foundation
Activity: Field and laboratory work of the project "Environmental tolerance of <i>Cactoblastis cactorum</i> pupae (Lepidoptera: Pyralidae) in native populations of Argentina with different soil types"
Advisor: Mariano Ordano. | Tucumán, Argentina
2023 |
| 5. International Center for Tropical Agriculture (CIAT)
Activity: Extraction and molecular analysis of microsatellite and COI of <i>Dynamis borassi</i> and <i>Rhynchophorus palmarum</i> associated with Peach palm in Colombia.
Advisor: Luis Augusto Becerra Lopez-Lavalle. | Palmira, Colombia
2020-2021 |
| 4. La Plata Museum, Universidad Nacional de La Plata
Activity: Morphology and taxonomy of larvae of the weevils <i>D. borassi</i> and <i>R. palmarum</i> . Advisor: Adriana Marvaldi. | La Plata, Argentina
2019 |
| 3. Institute of Regional Ecology, Universidad Nacional de Tucuman
Activity: Spatial and landscape analysis of weevil's infestation of Peach palm in Colombia. Advisor: Carolina Monmany. | Argentina
2019 |
| 2. University of California
Activity: Eucharitids types specimens' revision. Attendant of Entomophagy Insect courses for undergraduate. Advisor: John M. Heraty. | Riverside, CA, USA
2012 |
| 1. Institute of Regional Ecology and University of Puerto Rico
Activity: Assistant in field and laboratory in the doctoral project 'Robustness in the parasitoid's community of Chaco Serrano, Tucumán, Argentina'.
Advisor: Carolina Monmany. | Tucumán, Argentina
2008 |

SOCIETY MEMBERSHIP

7. Mexican Association of Arthropod Systematics	2023
6. Dragonfly Society of the Americas	2022-2023
5. Society for the Study of Evolution	2022
4. International Society of Hymenopterists	2021-2022
3. Association for Tropical Biology and Conservation	2021
2. Florida Entomological Society	2020-2021
1. Colombian Society of Entomology	2011

TEACHING EXPERIENCE

Universidad Nacional Autónoma de México Guest Professor. Master and doctoral course: 6. Evolutionary ecology of biotic interactions	Ciudad de México 2023
Unidad Central del Valle del Cauca (UCEVA) Adjunct professor. Undergraduate courses: 4. Entomology. 5. Integrated pest management (professional elective).	Tuluá, Colombia 2022
Universidad Nacional de Colombia Assistant to Professor; Advisor: Carlos Sarmiento, Carmen Reyes, Joao Muñoz. Undergraduate courses: 3. Evolutionary biology. 2. Animal biology. 1. Vertebrate.	Bogotá, Colombia 2011-2012

COURSEWORK AND TRAINING OFFERED

6. Title: Citizen Science in Arthropod Research and the Social Appropriation of Knowledge Sociedad Colombiana de Entomología (Workshop duration, WD: 8 hours). Date: June 24th (scheduled).	Santa Marta, Colombia 2025
5. Title: Photography and Nature Recording of Arthropods with cell phone Sociedad Colombiana de Entomología (WD: 6 hours). Date: July 9th (scheduled).	Cali, Colombia 2024
4. Title: “How to prepare my curriculum vitae and apply for postdoctoral calls? tips, opportunities, and strategies” Postgraduate in Science-Biology, Universidad del Valle (WD: 1 hours). Date: June 17th (scheduled).	Cali, Colombia 2024
3. Title: How to record the nature of your region Botanical Garden. Fundación Miguel Lillo (WD: 2 hours). Date: April 26th.	Tucumán, Argentina 2023

2. Title: Beginner's Insect Identification Walk Yumbo, Colombia
Fundación Ambiental DapaViva. (WD: 4 hours) Date: July 31st. 2022
1. Title: Taxonomic identification of *Rhynchophorus palmarum* and *Dynamis borassi* larvae Palmira, Colombia
Corporación Colombiana de Investigación Agropecuaria - AGROSAVIA 2019
(WD: 3 hours). Date: November 22nd.

UNDERGRADUATE SUPERVISOR

- Universidad del Valle** Cali, Colombia
3. Thesis: Known and potential distribution of the Phytoseiidae mites (Acari: Mesostigmata) in cassava (*Manihot esculenta* Crantz). Student: Luz Adriana Londoño. 2015
- Universidad de Caldas** Manizales, Colombia
2. Thesis: Association of *Dynamis borassi* weevils (Coleoptera: Dryophthoridae) with native palm *Oenocarpus batana* (Arecaceae) in Buenaventura, Valle del Cauca. Student: María Alejandra Bautista. 2019
- Universidad de Nariño** Pasto, Colombia
1. Thesis: Taxonomic and distribution revision of parasitoids (Hymenoptera) associated with whiteflies (Hemiptera: Aleyrodidae) in the cassava crop (*Manihot esculenta* Crantz) in the CIAT Arthropod Reference Collection (CIATARC). Student: Darío Paz Jojoa. 2015

PROJECT AND ACADEMIC WORK REVIEWER

- Colegio Americano de Cali** Cali, Colombia
6. Reviewer for the Research Seminars Qualifying Event. 2025
- Consejo Nacional de Humanidades, Ciencias y Tecnologías (Conahcyt)** Ciudad del México
5. Call for Basic and Frontier Science 2023-2024 2024
4. Call for Postdoctoral Stays in Mexico Initial 2023. 2024
- Credentials Committee, Facultad de Ciencias Naturales y Exactas, Universidad del Valle** Cali, Colombia
3. Book: Cuellar, C. M., Gaviria, J., & Montoya, J. (2020). Manual de reconocimiento y cría de *Dynamis borassi* (Coleoptera: Dryophthoridae), una plaga de las palmas en América Latina [Manual for the recognition and breeding of *Dynamis borassi* (Coleoptera: Dryophthoridae), a pest of palms in Latin America]. Editorial AGROSAVIA. Editorial AGROSAVIA. <https://doi.org/10.21930/agrosavia.manual.7404258>. 2023
- Observatorio Colombiano de Ciencias y Tecnología-OCyT** Bogotá, Colombia
2. Research project of the Universidad del Llano. 2022

1. Undergraduate thesis: Distribution of *Umbonia* spp. (Hemiptera: Membracidae) in the Metropolitan Area of the Aburrá Valley through citizen science, and ethology of *Umbonia crassicornis* Taxonomic review and distribution of parasitoids. Student: Nicolás D. Zambrano-Durán. 2022

COURSEWORK AND TRAINING PERFORMED

33. National Advisory Commission for the Conservation and Sustainable Use of Biological Diversity (CONADIBIO). Secretariat of Environment, Ministry of the Interior, Argentina. Virtual

Nombre: Ecological restoration. 2025
(Workshop duration, WD: 4 hours). In Spanish. Instructor: Daniel R. Pérez (Coordinator).

32. High-Altitude Training Center and SG-SST - SAS Cali, Colombia

Nombre: Safe Tree Access Techniques. Level 1. 2025
(WD: 10 hours). In Spanish. Instructor: Julio Cesar Quintero Moriones.

31. Colombian Congress of Botany Popayán, Colombia

Name: Pollination Biology and Reproductive Systems of Angiosperms 2024
(WD: 24 hours). In Spanish and Portuguese. Instructors: Carlos Andres Matallana Puerto, Maria Duarte, Jessyca S. dos Santos, César Arvelos.

30. Southern Cone Plant Health Committee (Cosave) Virtual

Name: Experiences in the management and control of the Red Palm Weevil 2023
-*Rhynchophorus ferrugineus* (WD: 3.5 h). In Spanish.
Instructors: Felicia Duarte, José Juan López Calatayud, Fernando Pinacho, Luis Miguel Barroso Pérez.

29. Mexican Association of Arthropod Systematics Virtual

Name: Hymenoptera parasitoids (WD: 6 h). In Spanish. 2023
Mean instructor: Jovana Magdalena Jasso Martínez.

28. Universidad Nacional Autónoma de México-FES Zaragoza Ciudad de México

Nombre: Identificación y monitoreo de luciérnagas (Coleoptera: Lampyridae) 2023
(WD: 24 h). En español. Instructor principal: Geovanni Miguel Rodríguez Mirón

27. The Pennsylvania State University Virtual

Name: The WaspID Course (35 WD: h) 2023
In English. Mean instructor: Louis F. Natasi.

26. Unión Internacional para la Conservación de la Naturaleza (IUCN) Virtual

Nombre: Global and Regional Assessor, IUCN Red List Assessment modules 2023
(WD: 11.8). In English

25. Argentinean Birds and BirdLife International. Online

Name: Argentinean beetles (Coleoptera) (WD: 8 h). 2022
In Spanish. Instructor: Gastón Zubarán.

- 24. Universidad del Valle and Universidad del Magdalena** Cali, Colombia
 Name: Introduction to the taxonomy of the genus *Pheidole* (WD: 7 h) 2022
 In Spanish. Instructor: Emira Isabel García Avendaño.
- 23. Universidad del Valle** Cali, Colombia
 Name: Academic book publishing course-workshop (WD: 10 h) 2022
 In Spanish. Instructor: Yecid Muñoz Santamaría.
- 22. Dragonfly Society of Americas** Pueblo Rico,
 Risaralda, Colombia
 Name: Workshop biodiversity of Dragonflies: from the field to the lab (WD: 45 h). In English and Spanish. Instructors: John Abbott, Kendra Abbott, Seth Bybee, Melissa Sánchez, and Cornelio Bota. 2022
- 21. Crehana** Online
 Names:
 - Nature Photography (WD: 1.8 h). In Spanish. Instructor: Fernando O'Farrill. 2022
 - Fundamentals of digital photography (WD: 3.5 hours). In Spanish. Instructor: Fernando O'Farrill. 2022
- 19. Facultad Latinoamericana de Ciencias Sociales, Argentina** Online
 Name: Social media and digital narratives (WD: 8 h). In Spanish. 2020
 Instructors: Irina Sternik and Melisa Avolio.
- 18. Centre for Agriculture and Bioscience International (CABI), England** Online
 Name: Crop Pest Diagnostic (WD: 14 h). In English. 2020
- 17. Institute of Bio and Geosciences of Northern Argentina** Salta, Argentina
 Name: Google Earth Engine (WD: 32 h). In English. Instructor: Philip Gäernet. 2019
- 16. Institute of Regional Ecology, Universidad Nacional de Tucumán** Argentina
 Name: Introduction to pest insect study from landscape ecology (WD: 21 h). 2019
 In Spanish. Instructors: Carolina Monmany and Adriana Chalup.
- 15. Universidad del Valle** Cali, Colombia
 Name: Linear, generalized, and mixed models for analysis of biological data (WD: 20 h). In Spanish. Instructor: Raúl Edgardo Macchiavelli. 2017
- 13, 14. The Ohio State University** Ohio, USA
 Names:
 - General Acarology (WD: 48 h). In English. 2015
 - Agricultural Acarology (WD: 64 h). In English. 2015
 Instructors: Hans Klonpe, Ronald Ochoa, Cal Welbourn, and Gilberto de Moraes.
- 12. The Food and Environment Research Agency (FERA)** York, England
 Name: Crop Pest Risk Analysis (WD: 40 h). In English. Instructor: Julian Smith. 2014

- 10, 11. Biological Resources Research Institute "Alexander von Humboldt"** Cali, Colombia
- Names:
- Management and georeferentiation on biodiversity data for publication in "Valle del Cauca" "RED REGIONAL IPT" (WD: 24 h). In Spanish. 2014
 - Publications of data paper of 2.0 on biodiversity of "Valle del Cauca" (WD: 24 h). In Spanish. 2013
- 9. Institute of Natural Sciences and Biological Resources Research Institute "Alexander von Humboldt"** Bogotá, Colombia
- Name: Informatics tools for Biological Collections (WD: 32 h). In Spanish 2013
- Instructors: Francisco Pando, Katia Cezón, and Eduardo Rudas.
- 8. Universidad Nacional de Colombia** Bogotá, Colombia
- Name: Systematics and taxonomy of bees (WD: 16 h). In Spanish 2012
- Instructor: Guioimar Nates Parra.
- 7. Colombian Entomology Society** Ibagué, Colombia
- Name: Introduction to photography of insects (WD: 24 h). In Spanish. 2012
- Instructor: Alex Wild.
- 6. Universidad de Caldas** Manizales, Colombia
- Name: Identification of Colombian butterflies (WD: 30 h). In Spanish. 2012
- Instructor: Efraín Henao.
- 5. Spain Superior Council of Scientific Investigations** Bogotá, Colombia
- Name: Molecular methods in biogeographic inference and distribution models (WD: 48 h). In Spanish. Instructors: Javier Fuentes Aguilar, Jorge Lobo, and Isabel Sanmartín. 2012
- 4. Foundation for the Advancement of Applied Biology and Neogranadina Association of Graduates of Applied Biology** Bogotá, Colombia
- Name: New approaches in the study of biodiversity (WD: 10 h). In Spanish 2012
- Instructor: Jurgen Guerrero.
- 3. Colombian Corporation for Agricultural Research (AGROSAVIA)** Bogotá, Colombia
- Name: Identification of the families of neotropical Hemiptera-Heteroptera (WD: 40 h). In Spanish. Instructor: Paulo Fiuza Ferrera. 2012
- 2. Universidad de Buenos Aires** Argentina
- Name: Experimental Entomology: measurement and analysis of physiological and behavior variables (WD: 40 h). In Spanish. Instructors: Marcela Castelo and Claudio Lazzari. 2012
- 1. Universidad Nacional de Colombia** Palmira, Colombia
- Name: Identification of parasitoids Hymenoptera (WD: 24 h). In Spanish. 2010
- Instructors: Diego Campos and Edgar Palacio.

ORGANIZATION OF ACADEMIC AND DIVULGATIVE EVENTS

6. Event name: **“Panel Discussion: Entomological Collections in the Digital Age: Adapting to Changes Driven by New Technologies** Santa Marta
53rd Congress of the Colombian Society of Entomology. Colombia
Organizing institution: Colombian Society of Entomology. 2025
Dates: June 25-27. Position: Leader.
4. Event name: **City Nature Challenge 2024-Santiago de Cali** Cali, Colombia
Organizing institution: Ecovivero Foundation. Dates: April 26-29 2024
Position: Leader.
3. Event name: **7th Latin American Congress of Arachnology** Bogotá, Colombia
Dates: June 16-21. Position: Event Logistics Support. 2024
2. Event name: **Urban Entomology Symposium in Colombia: state of knowledge, citizen science and ecology,** Bogotá, Colombia
49th Congress of the Colombian Society of Entomology. 2022
Organizing institution: Colombian Society of Entomology.
Dates: July 6-8. Position: Symposium organizer.
1. Event name: **“Talks for the 2022 Naturalist Challenge”** Cali, Colombia
Organizing institution: NatMove. Dates: April 22nd to May 9th 2022
Position: Academic leader

VOLUNTEER/COMMUNITY ENGAGEMENT EXPERIENCE

1. **Universidad del Valle** Cali, Colombia
Position: Elected representative of postgraduate students of the Science-Biology. 2019

LANGUAGES

2. **English:** Independent user (B2, year 2021).
1. **Spanish:** Native.

HOBBIES AND INTERESTS

4. Scientific dissemination.

<https://clubobsnaturaleza.wixsite.com/inicio> and <https://seispatasinsectos.blogspot.com/> .

3. Nature photography.

<https://www.instagram.com/aymervasquez/?hl=es>.

Martial Arts

2. 4Kyu of Kendo (Colombian Kendo Association).

1. Judo blue belt (Judo “Vallecaucana” league, Colombia)