Diego P. Vázquez: Curriculum Vitae

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1 Contact information

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2 University education

- Ph.D. in Ecology and Evolutionary Biology, University of Tennessee, Knoxville, 2002
- Licence (licenciatura) in Biological Sciencies, University of Buenos Aires, 1995

3 Academic affiliation

3.1 Current

- Principal Researcher, Argentine Institute for Dryland Research, CONICET, Argentina
- Associate Professor, Faculty of Exact and Natural Sciences, National University of Cuyo, Argentina

3.2 Past

- External Senior Fellow (Marie S. Curie FCFP), Freiburg Institute for Advanced Studies, University of Freiburg, Germany, 2016–2017
- Assistant Researcher (2005-2006), Adjunct Researcher (2006-2009) and Independent Researcher (2010-2015), CONICET
- Adjunct Professor, Faculty of Exact and Natural Sciences, National University of Cuyo (2008–2015)
- Invited Professor, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, 2010
- Invited Researcher, Centre d'Écologie Fonctionelle et Evolutive, CNRS, Montpellier, France, 2004
- Post-doctoral Fellow, National Center for Ecological Analysis and Synthesis, University of California, Santa Barbara, USA, 2002–2005
- Doctoral student, Department of Ecology and Evolutionary Biology, University of Tennessee, Knoxville, USA, 1997–2002
- Licence student, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina, 1990–1995

4 Awards and Fellowships

- Fellow (elected, lifetime), Ecological Society of America, 2020
- Atenea Award 2018 for the best research paper, University of Concepción, Chile
- Friedrich Wilhelm Bessel Research Award, Humbolt Foundation, Germany, 2016
- Marie Sklodowska-Curie FCFP Senior Fellowship, Freiburg Institute for Advanced Studies, University of Freiburg, Germany, 2016–2017
- Hermann Burmeister Award to researchers in Natural Sciences, National Academy of Sciences, Argentina, 2009

- Argentine Association of Ecology Award, best article published in the journal Ecología Austral in 2004–2005
- Young Investigators' Prize, American Society of Naturalists, 2004
- Finalist, Student Award, Society for Conservation Biology, 2002.
- Science Alliance Award for outstanding graduate students, Univ. of Tennessee, 2002
- Merit Award, Department of Ecology and Evolutionary Biology, University of Tennessee, 2002
- Fulbright Fellowship for Graduate Studies in USA, 1997–1999
- British Council–Fundación Antorchas Fellowship for Graduate Studies in the United Kingdom (offer not accepted)

5 Grants

- PICT research grant, FONCyT, Argentine Agency for Scientific and Technologic Promotion, 2020-2023 (PI, with Adriana Aranda-Rickert)
- Research grant, National University of Cuyo, 2019-2020 (PI, with Juan Álvarez)
- Research grant, National University of Cuyo, 2019-2020 (co-PI, with Valeria Aschero)
- Institutional Research Grant, CONICET, 2017–2022 (Scientific Coordinator)
- PICT research grant, FONCyT, Argentine Agency for Scientific and Technologic Promotion, 2015-2017 (PI, with Luciano Cagnolo)
- PIP research grant, CONICET, 2015-2017 (PI, with Juan Álvarez)
- PICT research grant, FONCyT, Argentine Agency for Scientific and Technologic Promotion, 2011-2015 (PI)
- International cooperation grant, MINCyT-DAAD, 2010–2011 (PI, with Nico Blüthgen)
- International cooperation grant for collaboration in conservation biology, CYTED, 2010–2012 (with Ernesto Gianoli and others)
- PIP research grant, CONICET, 2009–2012 (with Natacha Chacoff)
- International cooperation grant, CONICET, 2007–2010 (PI, with William Morris and others)
- PICT research grant, FONCyT, Argentine Agency for Scientific and Technologic Promotion, 2006–2010 (PI)
- PIP research grant, CONICET, 2006–2008 (PI)
- Conservation biology research grant, BBVA Foundation, 2004–2006 (with Daniel García and others)
- Dissertation Enhancement Award, National Science Foundation, USA, 1999–2001

6 Languages

- Spanish (native language), English (fluent), Portuguese (intermediate), French (intermediate), German (basic)

7 Membership to professional societies

- Asociación Argentina de Ecología, since 1996
- Ecological Society of America, since 2000
- Sociedad de Ecología de Chile, since 2016

8 Teaching

8.1 Undergraduate level

- Faculty Exact and Natural Sciences, National University of Cuyo:
  - Ecology. Taught every year since 2008.
  - Conservation biology. Taught every two years since 2010.
- University of Tennessee, 1998, 2001, 2002 (teaching assistant): General biology, Invertebrate biology and General ecology.

8.2 Graduate level

- Ecological interaction networks. With Luciano Cagnolo and Natacha Chacoff. U Buenos Aires (2010), UN Córdoba (2012) and CCT CONICET Mendoza–UN Cuyo (2013).
- Conceptual bases for global change. With Ernesto Gianoli, Francisco Bozinovic and Daniel Naya. Econs Network, CYTED, Cusco, Peru (2012).
- Classics of the ecological literature: reading and discussion of foundational papers in Ecology. With Pablo Villagra. CCT CONICET Mendoza–UN Cuyo (2007, 2009 and 2012).
- São Paulo International Course on Networks in Ecology. Invited teacher. ABECO, UNICAMP, USP and FAPESP. São Pedro, Brazil (2011).
- Pollination ecology. With Marcelo Aizen. UN Comahue (2005) and CCT CONICET Mendoza–UN Cuyo (2010).
- Plant–animal mutualistic networks. Programa de Pós-Graduação em Ecologia e Conservação, Universidade Federal do Paraná, Curitiba, Brazil (2009).
- The geographic mosaic of coevolution. With Florencia Fernández Campón. PROBIOL, UN Cuyo (2006).

9 Young researcher supervision

9.1 Undergraduate students

- Belén Maldonado, Universidad Nacional de Cuyo, 2009–2010
- Marina Alma, Universidad Nacional de Cuyo, 2012–2013
- Juan Manuel Drack, Universidad Nacional de Cuyo, 2015–2016
- María Paula Pascual Tudanca, Universidad Nacional de Cuyo, 2018–2020
- Yamila Leguizamón, Faculdad de Ciencias Exactas y Naturales, UN Cuyo, 2020
- Rosario Miranda, Faculdad de Ciencias Exactas y Naturales, UN Cuyo, 2021–present

9.2 Doctoral students

- Rodolfo Carrara, Doctoral Program in Biology, Universidad Nacional de Cuyo, 2005–2009
- Valeria Aschero, Doctoral Program in Biology, Universidad Nacional de Cuyo, 2005–2011
- Jimena Dorado, Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Cuyo, 2006–2012
- Fernanda Valdovinos (co-advisor), Facultad de Ciencias, Universidad de Chile, 2010–2014
- Erica Stevani (co-advisor), Doctoral Program in Biology, Universidad Nacional de Córdoba, 2008–2015
- Nydia Vitale, Doctoral Program in Biology, Universidad Nacional de Cuyo, 2010–2016
- Ana Mazzolari, Doctoral Program in Biology, Universidad Nacional de Cuyo, 2012–2016
- Belén Maldonado, Doctoral Program in Biology, Universidad Nacional de Cuyo, 2012–2016
- Micaela Santos, Doctoral Program in Biology, Universidad Nacional de Cuyo, 2015–present
- Benjamin Schwarz, University of Freiburg, Germany, 2017–present
- Virginia Chirilá, PhD Program in Biology, National University of Salta, 2019–present
- María Alisa Alvarez (co-advisor), Doctoral Program in Science and Technology, Universidad Nacional de Cuyo, 2019–present
- María Paula Pascual Tudanca, PhD Program in Biology, National University of Córdoba, 2020–present
- Mary dos Reis Diniz, Doctoral Program in Biology, Universidad Nacional de Cuyo, 2021–present

9.3 Post-doctoral researchers

- Natacha Chacoff, 2006–2008
- Mariana Tadey, 2007–2009
- Silvia Lomáscolo, 2008–2010
- Juan Álvarez (co-supervisor), 2008–2010
- Verónica Chillo, 2013–2015
- Natalia Schoreder, 2013–2015

- Hugo Marrero, 2014–2017
- Guadalupe Peralta, 2015–2017
- Nydia Vitale (co-supervisor), 2017–present
- Florencia Miguel, 2019–present

9.4 Assistant CONICET researchers

- Natacha Chacoff, 2008–2012
- Ramiro Ovejero (co-supervisor), 2017
- Jimena Dorado, 2015–present
- Natalia Schroeder (co-supervisor), 2015–2019
- Verónica Chillo, 2015–2020
- Hugo Marrero, 2017–present

9.5 Ph.D. thesis committees

- José Fumero, University of Puerto Rico, Río Piedras, 2006–2012
- Natalia Schroeder, PROBIOL, UN Cuyo, 2010–2013
- Flavio Cappa, PROBIOL, UN Cuyo, 2010–present
- Natalia Luchesi, PROBIOL, UN Cuyo, 2010–2014
- Nicolás Soria, Doctorado en Biología, UN Córdoba, 2010–present
- Rodrigo Pizarro, Doctorado en Ciencias de la Agricultura, Pontificia Universidad Católica de Chile, 2010
- Rocío Aguilar, PROBIOL, UN Cuyo, 2011–present
- Victoria Giménez Gómez, UN Cuyo, 2015–present
- Emmanuel Ruperto, UN Cuyo, 2017–present
- Molly Fowler Hayes, San Francisco State University, 2018
- Claudia Luna Morales, Universidad de La Serena, Chile, 2018–presente
- Paula Alvarez Pringles, Universidad Nacional de Córdoba, 2018–presente
- Mariana Allasino, UN Cuyo, 2019–present

10 Reviewing and editorial service

10.1 Editorial service

- Associate editor, Ecology & Ecological Monographs, since 2017
- Associate editor, Proceedings of the Royal Society B, since 2013
- Editorial board member, Ecología Austral, since 2011
- Subject editor, Oikos, 2007–2013
- Associate editor for biology and ecology, Revista Argentina de Entomología, 2005–2012
- Guest editor for special issue on the ecological niche, Ecología Austral, 2005
- Guest editor for special issue on biological invasions in southern South America, Biological Invasions, 2002

10.2 Thesis examination committees

- Andrea Orofino, doctoral thesis, Universidad Nacional de Cuyo, 2006
- Ana Calviño, doctoral thesis, Universidad Nacional de Córdoba, 2006
- Santiago Poggio, doctoral thesis, Universidad de Buenos Aires, 2007
- Fabricio Cid, doctoral thesis, Universidad Nacional de Cuyo, 2008
- Raymond Blick, Master's thesis, Victorian University of Wellington, New Zealand, 2009
- Luciana Elizalde, doctoral thesis, Universidad Nacional de Quilmes, 2009
- Valeria Martín, undergraduate thesis, Universidad Nacional de Cuyo, 2011
- Raymond Blick, doctoral thesis, University of New South Wales, Australia, 2012
- Jeferson Bugoni, Master's thesis, Universidade Estadual de Campinas, Brasil, 2012
- Victoria Giménez, undergraduate thesis, Universidad Nacional de Cuyo, 2013
- Román Ruggera, doctoral thesis, Universidad Nacional de Tucumán, 2013
- Tony Popic, doctoral thesis, University of Sydney, Australia, 2013

- María de los Ángeles Ordóñez, undergraduate thesis, Universidad Nacional de Cuyo, 2014
- Federico Soria, doctoral thesis, Universidad Nacional de Córdoba, 2016
- Francisco Murray, doctoral thesis, Universidad de Buenos Aires, 2018
- Tiago Malucelli, doctoral thesis, Universidade Federal de Paraná, Brazil, 2018
- Edgar Chávez-González, master's thesis, Instituto de Ecología, Xalapa, México, 2018
- Joshua Whitehead, master's thesis, University of New England, 2018
- Molly Fowler Hayes, master's thesis, San Francisco State University, 2018
- Andrea Martínez, undergraduate thesis, Universidad Nacional de Cuyo, 2019

11 Other services

- Academic committee, Doctoral Program in Science and Technology, Faculty of Exact and Natural Sciences, UN Cuyo, 2018–present
- Advisory Board, Argentine Institute for Dryland Research, CONICET, 2013–present
- Steering commission, Undergraduate studies in Biology, Faculty of Exact and Natural Sciences, UN Cuyo, 2012–2016
- Biology advisory board, CONICET, 2012–2013, 2018–2019
- Academic committee, Doctoral program in biology, UN Cuyo, 2012–2014
- Coordinator of courses committee, Doctoral program in biology, UN Cuyo, 2012–2014
- Thesis committee, Doctoral program in biology, UN Cuyo, 2011–2012
- Implantation commission, Bachelor's degree in Ecology and Biodiversity, University for Latin American Integration, Brazil, 2009
- Organizing committee, Annual seminar of the Doctoral Program in Biology, Universidad Nacional de Cuyo, 2007–2009
- Academic committee, Advanced Graduate Courses Program, CONICET Science and Technology Center, Mendoza, since 2006
- Interaction Web Database (http://www.nceas.ucsb.edu/interactionweb), founder (2003) and coordinator (2003–2009)

12 Publications

H index (Google Scholar): 43.

Supervised co-authors: In the publication list, the co-authors whose work I have supervised are indentified as follows: U, undergraduate student; D, doctoral student; P, post-doc; A, assistant CONICET researcher; I, short-term exchange visitor (intern) in my lab.

12.1 Journal articles, submitted

13. Peralta G, Webber C, Perry GLW, Stouffer DB, **Vázquez DP**, Tylianakis JM. Scale-dependent effects of landscape structure on pollinator traits, species interactions and pollination success.
12. **Vázquez DP**, Peralta G, Cagnolo L, Santos M^P. Ecological interaction networks: what we know, what we don't, and why it matters.
11. Alvarez MA, Barros AA, **Vázquez DP**, Bonjour LJ, Lembrechts J, Wedegärtner R, Aschero V. Hiking and livestock favor non-native plants in the high Andes.
10. Morán-López T, Benadi G, Lara-Romero C, Chacoff N, Vitali A, Pescador D, Lomascolo SB, , Morente-López J, **Vázquez DP**, Morales JM. Diet flexibility: a common pollinator behavior that can attenuate the impacts of phenological shifts.
9. Galiana N, Lurgi M, Bastazini V, Bosch J, Cagnolo L, Cazelles K, Claramunt B, Emer C, Fortin M-J, Grass I, Jauker F, Leroux S, McCann K, McLeod A, Montoya D, Mulder C, Steffan-Dewenter I, Traveset A, **Vázquez DP**, Wood S, Gravel D, Roslin T, Thuiller W and Montoya JM. The spatial scaling of ecological networks across the globe.
8. Martín González A, **Vázquez DP**, Ramos-Jiliberto R, Lee SH, Miele V. Core-periphery structure in mutualistic networks: an epitaph for nestedness?
7. Franco-Cisterna M, Ramos-Jiliberto R, Moisset de Espanés P, **Vázquez DP**. Phenological shifts drive biodiversity loss in plant–pollinator networks.

6. Haedo JP, Marrero HJ^{A}, **Vázquez DP**. The role of floral abundance in heterospecific pollen transfer by native and exotics plants.
5. Martin MH, Vázquez DP, LeBuhn G. Predicting the resistance of plant–pollinator assemblages to fire.
4. Chalcoff VR, Sasal Y, Graham LE, **Vázquez DP**, Morales CL. Widespread replacement of a native bumblebee by an invasive congener disrupts the reproduction of a native Patagonian climbing herb.
3. Marrero HJ^{P}, Torretta JP, Baldassini P, **Vázquez DP**, Medan D. Landscape heterogeneity differentially affects delivery of native and exotic pollen by floral visitors in agroecosystems.
2. **Vázquez DP**, Vitale N^{D,P}, Dorado J^{D,A}, Amico G^{P}, Stevani EL^{D}. Phenological mismatches and the reproductive success of solitary bees.
1. Carrara R^{D}, **Vázquez DP**, Flores GE, Scollo AM. Assessing the mechanisms behind the climate-species richness relationships: a test of multiple hypotheses using tenebrionid beetles from mountain environments.

12.2 Journal articles, published or in press

93. Zhong Z, Li X, Smit C, Li T, Wang L, Aschero V, **Vázquez DP**, Cushman H, Wang D. Large herbivores facilitate a dominant grassland plant via multiple indirect effects. Ecology, in press
92. Souza JMT^{I}, **Vázquez DP**, Varassin IG. Plant-pollinator network response to restoration in the Atlantic Forest. Restoration Ecology, in press
91. Leguizamón Y^{D}, Debandi G, **Vázquez DP**. 2021. Managed honeybee hives and the diversity of wild bees in a dryland nature reserve. Apidologie, in press
90. Vitali A^{I}, Sasal Y, **Vázquez DP**, Miguel MF, Rodríguez-Cabal MA. 2021. The disruption of a keystone interaction erodes pollination and seed dispersal networks. Ecology, in press
89. Chillo V^{A}, **Vázquez DP**, Tavella J, Cagnolo L. 2021. Plant-plant co-occurrences under a complex land-use gradient in a temperate forest. Oecologia 196: 815-824
88. Schwarz B^{D}, Dormann CF, **Vázquez DP**, Fründ J. 2021. Within-day dynamics of plant-pollinator networks are dominated by early flower closure: an experimental test of network plasticity. Oecologia 196: 781-794
87. Resasco J, Chacoff NP, **Vázquez DP**. 2021. Plant-pollinator interactions between generalists persist over time and space. Ecology, doi: 10.1002/ecy.3359
86. Benadi G, Dormann CF, Fründ J, Stephan R, **Vázquez DP**. 2021. Quantitative prediction of interactions in bipartite networks based on traits, relative abundances, and phylogenetic relatedness. American Naturalist, in press
85. CaraDonna PJ, Burkle LA, Schwarz B, Resasco J, Knight TM, Benadi G, Blüthgen N, Dormann CF, Fang Q, Fründ J, Gauzens B, Kaiser-Bunbury C, Winfree R, **Vázquez DP**. 2021. Seeing through the static: The temporal dimension of plant–animal mutualistic interactions. Ecology Letters 24: 149-161
84. Queiroz JA^{I}, Diniz UM, **Vázquez DP**, Quirino ZM, Santos FAR, Mello MAR, Machado IC. 2020. Bats and hawkmoths form mixed modules with flowering plants in a nocturnal interaction network. Biotropica, in press
83. Santos M^{D}, Cagnolo L, Roslin T, Ruperto EF, Bernaschini ML, **Vázquez DP**. 2021. Robustness of a meta-network to alternative habitat loss scenarios. Oikos 130: 133-142
82. Mazzolari AC^{D}, Millán EN, Bringa EM, **Vázquez DP**. 2020. Modeling habitat suitability and spread dynamics of two invasive rose species in protected areas of Mendoza, Argentina. Ecological Complexity 44, doi: 10.1016/j.ecocom.2020.100868
81. Halpern BS, Berlow E, Williams R, Borer ET, Davis FW, Dobson A, Enquist BJ, Froehlich HE, Gerber LR, Lortie CJ, O'Connor M, Regan H, **Vázquez DP**, Willard G. 2020. Ecological synthesis and its role in advancing knowledge. BioScience, doi: 10.1093/biosci/biaa105
80. Chávez-González E^{I}, Vizentin-Bugoni J, **Vázquez DP**, MacGregor-Fors I, Ortiz-Pulido R, Dáttilo W. 2020. Drivers of the structure of plant-hummingbird networks at multiple

temporal scales. Oecologia 193: 913-924

79. Peralta G, Perry GLW, **Vázquez DP**, Dehling DM, Tylianakis JM. 2020. Strength of niche processes for species interactions is lower for generalists and exotic species. Journal of Animal Ecology 89: 2145-2155
78. Peralta G, **Vázquez DP**, Chacoff NP, Lomáscolo SB, Perry GLW, Tylianakis JM. 2020. Trait matching and phenological overlap increase the functionality and spatio-temporal stability of plant-pollinator networks. Ecology Letters 23: 1107–1116
77. Schwarz B^{D}, **Vázquez DP**, CaraDonna PJ, Knight TM, Benadi G, Dormann CF, Gauzens B, Motivans E, Resasco J, Blüthgen N, Burkle LA, Fang Q, Kaiser-Bunbury CN, Alarcón R, Bain JA, Chacoff NP, Huang S-Q, LeBuhn G, MacLeod M, Petanidou T, Rasmussen C, Simanonok MP, Thompson AH, Fründ J. 2020. Temporal scale-dependence of plant-pollinator networks. Oikos, in press
76. Miele V, Ramos-Jiliberto R, **Vázquez DP**. 2020. Temporal switching of species roles in a plant-pollinator network. Journal of Animal Ecology, in press
75. Ramos-Jiliberto R, Moisset de Espanés P, **Vázquez DP**. Pollinator declines and the stability of plant–pollinator networks. Ecosphere, DOI: 10.1002/ecs2.3069
74. Vitale N^{D,P}, Torretta JP, Durante S, Basilio A, **Vázquez DP**. Similarities and differences in the realized niche of two allopatric populations of a solitary bee under environmental variability. Apidologie, in press
73. Miele V, Ramos-Jiliberto R, **Vázquez DP**. Temporal switching of species roles in a plant-pollinator network. Journal of Animal Ecology, in press
72. Mazzolari AC^{D}, Hierro JL, **Vázquez DP**. Trait differences between natives and non-natives can contribute to shrub invasion. Plant Ecology 221: 83-89
71. Peralta G^{P}, Stouffer DB, Bringa EM, **Vázquez DP**. No such thing as a free lunch: interaction costs and the structure and stability of mutualistic networks. Oikos, in press
70. Schiesari L, Prado PIKL, Leibold MA, Albert C, Brancalion HS, Cabeza M, Coutinho R, Diniz Filho JAF, Fournier B, Howeth J, Lahr D, Leroux S, Lewinsohn TM, Martins M, Matias MG, Morsello C, Pardini R, Peres-Neto PR, Pillar V, Siqueira T, **Vázquez DP**. The why, when and how of applied metaecology. Perspectives in Ecology and Conservation 17: 172-181
69. Santos M^{D}, Cagnolo L, Roslin T, Marrero HJ, **Vázquez DP**. 2019. Landscape connectivity explains interaction network patterns at multiple scales. Ecology 100: e02883
68. Xi X, Zhang B, Zhang L, **Vázquez DP**, Dong Y, Sun S. 2019. Experimental reduction of plant abundance changes interaction frequency of a tri-trophic micro-food web: contrasting responses of generalists and specialists. Journal of Ecology 108:415–423
67. Maldonado MB^{D}, Araníbar JN, Serrano AM, Chacoff NP, **Vázquez DP**. 2019. Dung beetles and nutrient cycling in a dryland environment. Catena 179: 66-73
66. Lomáscolo S^{P}, Chacoff NP^{P}, Giannini N, Castro-Urgal R^{I}, **Vázquez DP**. 2019. Coevolution in a plant-pollinator network. Oikos 128: 775-789
65. Ramos-Jiliberto R, Moisset de Espanés P, Franco-Cisterna M, Petanidou T, **Vázquez DP**. 2018. Phenology determines the robustness of plant–pollinator networks. Scientific Reports 8: 14873
64. Valdovinos F^{D}, Berlow EL, Moisset de Espanés P, Ramos-Jiliberto R, **Vázquez DP**, Martinez N. 2018. Species traits and network structure predict the success and impacts of pollinator invasions. Nature Communications 9: 2153
63. Chillo V^{P,A}, **Vázquez DP**, Amoroso MM, Bennett EM. 2018. Land use intensity indirectly affects ecosystem services mainly through plant functional identity in a temperate forest. Functional Ecology, in press
62. Chacoff NP^{P,A}, Resasco J^{I}, **Vázquez DP**. Interaction frequency, network position, and the temporal persistence of interactions in a plant–pollinator network. Ecology, in press
61. Drack JME^{L}, **Vázquez DP**. Morphological response of a cactus to cement dust pollution. Ecotoxicology and Environmental Safety 148: 571-577

60. Vitale N^{D}, Gonzalez VH, **Vázquez DP**. 2017. Nesting ecology of sympatric species of wool carder bees (Hymenoptera: Megachilidae: Anthidium) in South America. Journal of Apicultural Research
59. Peralta G^{P}, Stevani EL^{D}, Chacoff NP^{P,A}, Dorado J^{A}, **Vázquez DP**. 2017. Fire influences the structure of plant-bee networks. Journal of Animal Ecology 86: 1372-1379
58. Marrero HJ^{P}, Torretta JP, **Vázquez DP**, Hodara K, Medan D. 2017. Exotic plants promote pollination niche overlap in agroecosystems. Agriculture, Ecosystems and Environment 239: 304-309
57. Mazzolari AC^{D}, Marrero HJ^{P}, **Vázquez DP**. 2017. Potential contribution to the invasion process of different reproductive strategies of two invasive roses. Biological Invasions, doi:10.1007/s10530-016-1315-y
56. Vitale N^{D}, **Vázquez DP**. 2017. Ecology and nesting biology of the wood-boring bee *Trichothurgus laticeps* (Hymenoptera: Megachilidae) in a Monte desert reserve in mid-western Argentina. Apidologie 48: 31-40
55. **Vázquez DP**, Gianoli E, Morris WF, Bozinovic F. 2017. Ecological and evolutionary impacts of increasing climatic variability. Biological Reviews 92: 22-42
54. Dorado J, **Vázquez DP**. 2016. Flower diversity and bee reproduction in an arid ecosystem. PeerJ 4: e2250
53. Aschero V^{D}, Morris WF, **Vázquez DP**, Álvarez JA, Villagra PE. 2016. Demography and population growth rate of the tree *Prosopis flexuosa* with contrasting land use in the Central Monte Desert. Forest Ecology and Management 369: 184-190
52. Fort H, **Vázquez DP**, Lan BL. 2016. Abundance and generalization in mutualistic networks: solving the chicken-and-egg dilemma. Ecology Letters 19: 4-11
51. **Vázquez DP**, Ramos-Jiliberto R, Urbani P, Valdovinos FS^{D}. 2015. A conceptual framework for studying the strength of plant–animal mutualistic interactions. Ecology Letters 18: 385-400
50. Alma AM^{U}, Pol RG, Pacheco LF, **Vázquez DP**. 2015. No defensive role of ants throughout a broad latitudinal and elevational range of a cactus. Biotropica 47: 347-354
49. Aizen MA, Morales CL, **Vázquez DP**, Garibaldi LA, Sáez A, Harder LD. 2014. When mutualism goes bad: density-dependent impacts of introduced bees on plant reproduction. New Phytologist 204: 322-328
48. Chamberlain S, **Vázquez DP**, Carvalheiro L, Elle E, Vamosi JC. 2014. Phylogenetic tree shape and the structure of mutualistic networks. Journal of Ecology 102: 1234-1243
47. Kaiser-Bunbury CN, **Vázquez DP**, Stang M, Ghazoul J. 2014. Community composition predicts the microstructure of plant–pollinator interaction networks. Ecology 95: 3314-3324
46. Dorado J^{D}, **Vázquez DP**. 2014. The diversity-stability relationship in floral resources. Oikos 123: 1137-1143
45. Maldonado MB^{U}, Lomáscolo SB^{P}, **Vázquez DP**. 2013. The importance of pollinator generalization and abundance for the reproductive success of a generalist plant. PLoS ONE 8: e75482
44. Eklöf A, Jacob U, Kopp JC, Bosch J, Castro-Urgal R^{I}, Chacoff NP, Dalsgaard B, de Sassi C, Galetti M, Guimarães PR, Lomáscolo SB, Martín-González AM, Pizo MA, Rader R, Rodrigo A, Tylianakis JM, **Vázquez DP**, Allesina S. 2013. The dimensionality of ecological networks. Ecology Letters 16: 577-583
43. **Vázquez DP**, Lomáscolo SB^{P}, Maldonado MB^{U}, Chacoff NP^{PA}, Dorado J^{D}, Stevani EL^{D}, Vitale NL^{D}. 2012. The strength of plant-pollinator interactions. Ecology 93: 719–725
42. **Vázquez DP**, Gianoli E, Gonzáles WL, Hierro JL, Pacheco LF, Valladares F. 2012. ¿Es necesaria la teoría ecológica para la conservación de la biodiversidad? Revista Boliviana de Ecología y Conservación Ambiental 29: 65-72

41. Chacoff NP^{P,A}, **Vázquez DP**, Stevani EL^{D}, Dorado J^{D}, Padrón B^{I}. 2012. Evaluating sampling completeness in a desert plant–pollinator network. Journal of Animal Ecology 81: 190-200
40. **Vázquez DP**, Álvarez JA^{P}, Debandi G, Araníbar JN, Villagra PE. 2011. Ecological consequences of dead wood extraction in an arid ecosystem. Basic and Applied Ecology 12: 722-732
39. Dorado J^{D}, **Vázquez DP**, Stevani EL^{D}, Chacoff NP^{PA}. 2011. Rareness and specialization in plant-pollinator networks. Ecology 92: 19-25
38. Carrara R^{D}, **Vázquez DP**, Flores G. 2011. Habitat specificity can blur the predictions of species-energy theory: a case study of tenebrionid beetles adapted to aridity. Journal of Arid Environments 75: 703-710
37. Melián CJ, Alonso D, **Vázquez DP**, Regetz J, Allesina S. 2010. Frequency-dependent selection predicts patterns of radiations and biodiversity. PLoS Computational Biology 6: e1000892
36. Carrara R^{D}, **Vázquez DP**. 2010. Species–energy theory: a role for energy variability. Ecography 33: 942-948
35. **Vázquez DP**, Gresser J, Martin JL. 2010. Introduced deer and the pollination and reproduction of an animal-pollinated herb. Botany 88: 110-118
34. Morris WF, **Vázquez DP**, Chacoff NP^{PA}. 2010. Benefit and cost curves for typical pollination mutualisms. Ecology 91: 1276-1285
33. Villalobos AE, **Vázquez DP**, Martin JL. 2010. Soil disturbance, vegetation cover and the establishment of the exotic shrub *Pyracantha coccinea* in southern France. Biological Invasions 12: 1023-1029
32. **Vázquez DP**, Chacoff N^{PA}, Cagnolo L^{I}. 2009. Evaluating multiple determinants of the structure of mutualistic networks. Ecology 90: 2039–2046
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