



INSTITUTO DE ENTOMOLOGÍA - PUBLICACIONES (EQUIPO ACADÉMICO)

| Luis Flores Prado | | | |
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| AUTORES | TÍTULO | REVISTA/LIBRO | AÑO |
| Pinto, C.F., Torrico-Bazoberry, D., Flores-Prado, L., Bustamante, R., Niemeyer, H.M. | Demographic and performance effects of alternative host use in a Neotropical treehopper (Hemiptera: Membracidae) | Ecological Modelling | 2020 |
| Urquiza, O.M., Veliz, D., Torrico-Bazoberry, D., Vega-Retter, C., Flores-Prado, L., Niemeyer, H.M. & Pinto, C.F. | Reproductive and brood-rearing strategies in <i>Alchisme grossa</i> (Hemiptera: Membracidae): genetic analyses of kinship relationships | Insectes Sociaux | 2020 |
| Flores-Prado, L. | Wild bees of Chile: a database on taxonomy, sociality, and ecology | Ecology | 2021 |
| López-Aliste, M., Flores-Prado, L., Ruz, L., Sepúlveda, Y., Rodríguez, S., Saravia, A. & Fontúrbel, F. | Local actions to tackle a global problem: A multidimensional assessment of the pollination crisis in Chile | Diversity | 2021 |



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| Boyd, R.J., Aizen, M.A., Barahona-Segovia, R.M., Flores-Prado, L., Fontúrbel, F.E., Francoy, T.M., Lopez-Aliste, M., Martinez, L., Morales, C.L., Ollerton, J., Pescott, O.L., Powney, G.D., Saraiva, A.M., Schmucki, R., Zattara, E.E. & Carvell, C. | Inferring trends in pollinator distributions across the Neotropics from publicly available data remains challenging despite mobilisation efforts | Diversity and Distributions | 2022 |
| Aguilera-Olivares, D., Torres-Guzmán, B., Arab, A., Flores-Prado, L. & Niemeyer, H.M. | Body size and symmetry properties of termite soldiers under two intraspecific competition scenarios | Frontiers in Ecology and Evolution | 2022 |
| Barbiéri, C., Flores-Prado, L., Francoy, T.M., Geisa, M.G., Gennarie, G.P. & Quevedo, M.F. | Abelhas e polinização | Ciência cidadã e polinizadores da América do Sul (Libro, Orgs. Ghilardi-Lopes & Zattara) | |
| Flores-Prado, L. (Ed.) | Abejas en Chile: desde su biología hacia su conservación | Ediciones Fremen (Libro) | 2023 |
| Adler, M., Zambrana-Camacho, G., Flores-Prado, L., Urquizo, O.N., Collao-Alvarado, K. & Pinto, C.P. | Pollen composition and physicochemical properties of honey produced by three stingless bees species from a mesotropical subhumid region in Bolivia | Arthropod-Plant Interactions | 2024 |



| Antonio Rivera Hutinel | | | |
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| AUTORES | TÍTULO | REVISTA/LIBRO | AÑO |
| Grinspun, N., Nijs, L., Kausel, L., Onderdijk, K., Sepúlveda, N. & Rivera-Hutinel, A. | Selective Attention and Inhibitory Control of Attention Are Correlated With Music Audiation | Frontiers in Psychology | 2020 |

| Christian Gonzalez Aravena | | | |
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| AUTORES | TÍTULO | REVISTA/LIBRO | AÑO |
| Figueroa, D.P., Scott, S., González, C.R., Bizama, G., Flores-Mara, R., Bustamante, R. & Canals, M. | Estimating the climate change consequences on the potential distribution of <i>Culex pipiens</i> L. 1758, to assess the risk of West Nile virus establishment in Chile | Gayana (Concepción) | 2020 |
| Krolow, T.K., Henriques, A.L., González, C.R. & Nihei, S.S. | Comments on the Classification of Neotropical Scionini (Tabanidae) with a Description of a New Genus | Neotropical Entomology | 2020 |
| González, C.R., Elgueta, M. & Santos, C. | A catalog of Rhagionidae (Diptera: Brachycera) from Chile | Zootaxa | 2020 |



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| Fitzgerald, S.J., González, C.R. & Elgueta, M. | A catalog of the Bibionidae (Diptera: Bibionomorpha) of Chile | Zootaxa | 2020 |
| González, C.R. & Elgueta, M. | A catalog of Pelecorhynchidae (Diptera: Tabanomorpha) from Chile | Zootaxa | 2020 |
| González, C.R., Mello, R.L. & Elgueta, M. | Catalogue of Pyrgotidae (Diptera: Tephritoidea) from Chile | Papéis Avulsos de Zoología | 2021 |
| González, C.R. | Buestanmyia gen. nov. et sp. nov. from the Andean zone of Ecuador (Diptera: Tabanidae: Diachlorini) | Zootaxa | 2021 |
| González, C.R., Elgueta, M. & Rafael, J.A. | A catalog of the Brachystomatidae of Chile (Diptera: Empidoidea) | Zootaxa | 2021 |
| Valderrama, L., Ayala, S., Reyes, C. & González, C.R. | Modeling the Potential Distribution of the Malaria Vector Anopheles (Ano.) pseudopunctipennis Theobald (Diptera: Culicidae) in Arid Regions of Northern Chile | Frontiers in Public Health | 2021 |
| González, C.R. & Ramírez, F. | Una especie nueva de Coquena (Diptera: Acroceridae) de Chile central con una clave para los géneros chilenos de Panopinae | Revista Mexicana de Biodiversidad | 2021 |
| Fachin, D.A., González, C.R., Elgueta, M. & Hauser, M. | A catalog of Stratiomyidae (Diptera: Brachycera) from Chile, with a new synonym and notes on the species | Zootaxa | 2021 |
| González, C.R., Elgueta, M. & Ale-Rocha, R. | A catalog of the Hybotidae of Chile (Diptera: Empidoidea) | Zootaxa | 2021 |



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| O'Hara, J.E., Wood, D.M., González, C.R. | Annotated catalogue of the Tachinidae (Insecta, Diptera) of Chile | ZooKeys | 2021 |
| Gutiérrez-Jara, J.P., Salazar-Viedma, M., González, C.R. & Cancino-Faure, B. | The emergence of <i>Dirofilaria repens</i> in a non-endemic area influenced by climate change: dynamics of transmission using a mathematical model | Acta Tropica | 2022 |
| González, C.R., Elgueta, M., Krolow, T.K. & Henriques, A.L. | Catalog of the horse-flies (Diptera: Tabanidae) of Chile | Zootaxa | 2022 |
| Murphy, W.L., González, C.R. & Elgueta, M. | A catalog of the Sciomyzidae of Chile, with a key to genera (Diptera: Sciomyzoidea) | Zootaxa | 2022 |
| Quiroga, N., Correa, J.P., Campos-Soto, R., San Juan, E., Araya-Donoso, R., Díaz-Campusano, G., González, C.R. & Botto-Mahan, C. | Blood-Meal Sources and <i>Trypanosoma cruzi</i> Infection in Coastal and Insular Triatomine Bugs from the Atacama Desert of Chile | Microorganisms | 2022 |
| Mulieri, P.R., Migale, S., Patitucci, L.D., González, C.R. & Montemayor, S.I. | Improving geographic distribution data for a putatively extinct species, a test case with a disappeared fly | Anais da Academia Brasileira de Ciências | 2022 |
| Barahona-Segovia, R., González, C.R. & Pañinao-Monsálvez, L. | Citizen Science Meet South American Tachinids: New Records of Feather-Legged Fly <i>Trichopoda (Galactomyia) pictipennis</i> Bigot (Diptera: Tachinidae) from Chile | Neotropical Entomology | 2022 |
| Rodrigues, J.P.V. & González, C.R. | A catalogue of the Lonchaeidae (Diptera:Tephritoidea) and Teratomyzidae (Diptera: Opomyzoidea) of Chile | Papéis Avulsos de Zoologia | 2022 |



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| Reyes, C., González, C.R., Alvarado, S., Flores, L., Martin, C., Oyarce, A., Aylwin, M.P., Canals, M., Parra, A., Valderrama, L. | Chagas disease in northern Chile: Detection of <i>Trypanosoma cruzi</i> in children, dogs and triatomine bugs | Acta Tropica | 2022 |
| González, C.R. & Elgueta, M. | Redescription of <i>Pelecorhynchus kroeberi</i> (Lindner), a Patagonian species rediscovered after more than 100 years in Chile (Diptera: Pelecorhynchidae) | Papéis Avulsos de Zoologia | 2022 |
| Rafael, J.A., Marques, D.W.A., González, C.R. & Sinclair, B.J. | Review of Homalocnemidae of Chile with a key to species and descriptions of male and female terminalia (Diptera: Empidoidea) | Zootaxa | 2022 |
| González, C.R., Reyes, C., Rossi, G.C. & Laurito, M. | Revalidation of <i>Phalangomyia</i> Dyar & Knab as a subgenus of <i>Culex</i> L. (Diptera: Culicidae) based on morphological and molecular evidence | Zootaxa | 2023 |
| González, C.R. | On the taxonomic status of <i>Agelanius antenninus</i> (Philip) (Diptera: Tabanidae) from Peru based upon evidence from a morphological analysis of the holotype | Zootaxa | 2023 |
| Cancino-Faure, B., González, C.R., Piñeiro-González, A., Salazar-Viedma, M., Pastenes, L., Valdés, E., Bustos, C., Lozada-Yavina, R. & Canals, M. | Northern and central Chile still free of emerging flaviviruses in mosquitoes (Diptera: Culicidae) | Acta Tropica | 2023 |
| Rafael, J.A., González, C.R. & Ale-Rocha, R. | A catalog of Pipunculidae de Chile (Diptera) | Papéis Avulsos de Zoologia | 2023 |



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| Murphy, W.L., Abercrombie, J., González, C.R. & Knutson, L. | Overview of the Sciomyzidae (Diptera: Sciomyzoidea) of the Americas south of the United States | Zootaxa | 2023 |
| González, C.R., Elgueta, M., Carvacho, C., Pañinao-Monsález, L. & Barahona-Segovia, R. | A catalog of Nemestrinidae (Diptera: Brachycera: Nemestrinoidea) from Chile | Zootaxa | 2023 |
| González, C.R., Saldarriaga-Córdoba, M., Aguilera, O. & Miranda-Esquivel, D.R. | Coenura Bigot as a valid genus: A molecular and morphological phylogenetic analysis of Pelecorhynchus Macquart sensu lato (Diptera: Pelecorhynchidae) | Zootaxa | 2023 |
| Gaimari, S.D., González, C.R. & Elgueta, M. | A catalog of the Chamaemyiidae of Chile (Diptera: Lauxanioidea) | Zootaxa | 2024 |
| Alvial, I.E., Hernández, R., Suazo, M.J., González, C.R., Véliz, D. & Benitez, H.A. | Unraveling biotypes of the northern house mosquito, <i>Culex pipiens</i> s.l. (Diptera: Culicidae): molecular differentiation and morphometric analysis | Journal of Insect Science | 2024 |
| Cancino-Faure, B., González, C.R., Piñeiro González, A., Pinochet, S., Bustos, S., Morchón, R., Piñeiro Cazaux, A., Quezada Aguilar, I., Salas Espinoza, M., Acevedo Salgado, R., Barra Díaz, C., Segovia, C., Lozada-Yavina, R. & Álvarez Rojas, C.A. | Filarial nematodes in domestic dogs and mosquitoes (Diptera: Culicidae) from semi-rural areas in Central Chile | Frontiers in Veterinary Science | 2024 |



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| González, C.R. & Yábar, E. | Two new species of <i>Dasybasis</i> Macquart from the Peruvian Andes of Cusco (Diptera: Tabanidae: Diachlorini) | Zootaxa | 2024 |
| Barahona-Segovia, R., Mulieri, P.R., González, C.R., Osorio, F. & Pañinao-Monsálvez, L. | On the distribution and habitat use of the sub-Antarctic fly <i>Hyadesimyia clausa</i> Bigot (Diptera, Tachinidae) according to citizen science | Ecology and Evolution | 2024 |
| Fachin, D.A., González, C.R., Elgueta, M., Hauser, M. | An illustrated catalog of the South American Austroleptidae (Diptera: Tabanomorpha), with a compilation of all known records and new records from Chile and Argentina | Zootaxa | 2024 |
| Mello, R.L., González, C.R., Elgueta, M., Camargo, A. & Barahona-Segovia, R.M. | Catalog of the Ulidiidae (Diptera: Tephritoidea) of Chile | Zootaxa | 2024 |
| González, C.R., Reyes, C., Castillo, A., Valderrama, L., Llanos, L., Fernández, J., Eastwood, G. & Cancino-Faure, B. | Molecular evidence of pathogens and endosymbionts in the black horse fly <i>Oscia lata</i> (Diptera: Tabanidae) in Southern Chile | PLoS Neglected Tropical Diseases | 2024 |
| Barahona-Segovia, R.M., Montenegro Vargas, R., Rojas, R., Aguilera, M.A. & González, C.R. | Discovering spider fly (Diptera: Acroceridae) hosts and their biology using citizen science | Die Naturwissenschaften | 2024 |
| González, C.R. | Redescription of the male of <i>Pelecorhynchus vulpes</i> (Macquart) and first description of the male terminalia (Diptera: Pelecorhynchidae) | Papéis Avulsos de Zoologia | 2024 |
| González, C.R. & Miranda-Esquivel, D.R. | Cladistic analysis and redefinition of the <i>Dasybasis</i> Macquart s. str. (Diptera: Tabanidae) in the Neotropical region | Memórias do Instituto Oswaldo Cruz | 2024 |



| Patricia Estrada Mancilla | | | |
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| AUTORES | TÍTULO | REVISTA/LIBRO | AÑO |
| Estrada, P. | Contributions to knowledge of <i>Arthrobrachus</i> Solier, 1849 (Coleoptera: Melyridae). A redescription of <i>Arthrobrachus forsteri</i> Wittmer, 1958 and <i>A. longipilis</i> Pic, 1919 | Zootaxa | 2020 |
| Estrada, P. | Contributions to the knowledge of southern South American species of <i>Astylus</i> Laporte, 1836 (Coleoptera: Melyridae). Re-describing <i>Astylus vittaticollis</i> (Blanchard, 1843) and <i>A. patagonicus</i> (Blanchard, 1843) | Zootaxa | 2020 |
| Estrada, P. | Updating the knowledge of species of the genus <i>Astylus</i> Laporte (Coleoptera: Melyridae) from South America | Zootaxa | 2021 |
| Estrada, P. & Solervicens, J. | Description of a new species of <i>Mauroniscus</i> Bourgeois, 1911 from Chile (Coleoptera: Mauroniscidae) | Zootaxa | 2021 |
| Estrada, P. | Redescription of <i>Astylus atromaculatus</i> (Blanchard, 1843) a taxonomic contribution to the Neotropical species of the genus <i>Astylus</i> (Coleoptera: Melyridae) | Zootaxa | 2024 |
| Estrada, P. | <i>Arthrobrachus crassicornis</i> sp. nov. (Coleoptera: Melyridae), a new species from the South American Transition Zone in Argentina | Zootaxa | 2024 |



| Cristian Villagra Gil | | | |
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| AUTORES | TÍTULO | REVISTA/LIBRO | AÑO |
| Henríquez-Piskulich, P., Villagra, C.A. & Vera, A. | Native bees of high andes of central Chile (Hymenoptera: Apoidea): Biodiversity, phenology and the description of a new species of Xeromelissa Cockerell (Hymenoptera: Colletidae: Xeromelissinae) | PeerJ | 2020 |
| Villagra, C. & Frías-Lasserre, D. | Epigenetic Molecular Mechanisms | Neotropical Entomology | 2020 |
| Kamran, K., Villagra, C.A., Iqbal, A., Kakar, A., Schapheer, C., Taj, M.K., ... Siddiqui, S. | 29-kDa: A Potential Candidate for Anti-Tick Vaccine Antigen Source as Immunogenic and Stage Reactive Targeting Hard-Bodied Hyalomma Ticks Ixodidae | Indian Journal of Animal Research | 2020 |
| Kamran, K., Ali, A., Villagra, C.A., Bazai, Z.A., Iqbal, A. & Sajid, M.S. | Hyalomma anatolicum resistance against ivermectin and fipronil is associated with indiscriminate use of acaricides in southwestern Balochistan, Pakistan | Parasitology Research | 2021 |
| Kamran, K., Ali, A., Villagra, C., Siddiqui, S., Alouffi, A.S. & Iqbal, A. | A cross-sectional study of hard ticks (Acari: Ixodidae) on horse farms to assess the risk factors associated with tick-borne diseases | Zoonoses and Public Health | 2021 |
| Olivares-Castro, G., Cáceres-Jensen, L., Guerrero-Bosagna, C. & Villagra, C. | Insect epigenetic mechanisms facing anthropogenic-derived contamination, an overview | Insects | 2021 |



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| Villagra, C., Vera, W., Lenitz, S. & Bergmann, J. | Differences in volatile emissions between healthy and gall-induced branches of <i>Haplopappus foliosus</i> (Asteraceae) | Biochemical Systematics and Ecology | 2021 |
| Kamran, K., Schapheer, C., Ali, A., Maldonado, A.K., Iqbal, A., Arif, S. & Villagra, C. | Spatial distribution of synanthropic cockroaches found in Quetta, Pakistan and antibiotic-resistant bacteria strains found in <i>Shelfordella lateralis</i> (Walker, 1868) (Blattodea: Blattidae) | Entomological Research | 2021 |
| Henríquez-Piskulich, P.A., Schapheer, C., Vereecken, N.J. & Villagra, C. | Agroecological strategies to safeguard insect pollinators in biodiversity hotspots: Chile as a case study | Sustainability | 2021 |
| Aguilera, A. & Villagra, C. | Asociación multitrófica entre raulí (<i>Nothofagus alpina</i>), dihueño (<i>Cyttaria espinosae</i>) y moscas del género <i>Anastomyza</i> (Diptera: Heleomyzidae) en Región de La Araucanía, Chile | Gayana (Concepción) | 2021 |
| Marshall, L., Ascher, J.S., Villagra, C., Beaugendre, A., Herrera, V., Henríquez-Piskulich, P., ... & Vereecken, N.J. | Chilean bee diversity: Contrasting patterns of species and phylogenetic turnover along a large-scale ecological gradient | Ecosphere | 2023 |
| Leclercq, N., Marshall, L., Weekers, T., Basu, P., Benda, D., Bevk, D., ... & Vereecken, N.J. | Global taxonomic, functional, and phylogenetic diversity of bees in apple orchards | Science of The Total Environment | 2023 |
| Carvajal Acosta, A.N., Formenti, L., Godschalx, A., Katsanis, A., Schapheer, C., Mooney, K., ... & Rasmann, S. | Ecological convergence in phytochemistry and flower-insect visitor interactions along an Andean elevation gradient | Ecology and Evolution | 2023 |



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| Villagra, C. | Chapter 9—Role of epigenetic molecular mechanisms in insect evolutionary innovations | On Epigenetics and Evolution (Libro, Ed. Guerrero-Bosagna, C.M.) | 2024 |
| Schapheer, C., González, L.M. & Villagra, C. | Microorganism Diversity Found in <i>Blatta orientalis</i> L. (Blattodea: Blattidae) Cuticle and Gut Collected in Urban Environments | Insects | 2024 |
| Vereecken, N.J., Prendergast, K.S., Bossert, S., Hung, K.J., Roberts, S.P.M., Villagra, C., Warrit, N., Wilson, J.S., Wood, T.J. & Orr, M.C. | Five good reasons not to dismiss scientific binomial nomenclature in conservation, environmental education and citizen science: A case study with bees | Systematic Entomology | 2024 |
| Villagra, C. | The Role of Epigenetic Communication in the Co-regulation of Holobionts' Biology: Interspecies Probabilistic Epigenesis | Epigenetics in Biological Communication (Libro, Ed. Witzany, G.) | 2024 |



| Carlos Muñoz Ramírez | | | |
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| AUTORES | TÍTULO | REVISTA/LIBRO | AÑO |
| Muñoz-Ramírez, C.P., Barnes, D.K.A., Cárdenas, L., Meredith, M., Morley, S., Roman-González, A., Sands, C., Scourse, J. & Brante, A. | Gene flow in the Antarctic bivalve <i>Aequiyoldia eightsii</i> suggests a role for the Antarctic Peninsula Coastal Current in larval dispersal | Royal Society Open Science | 2020 |
| Muñoz-Ramírez, C.P., Briones, R., Colín, N., Fierro, P., Górski, K., Jara, A. & Manosalva, A.A. | A Century after! Rediscovery of the ancient catfish <i>Diplomystes Bleeker 1858</i> (Siluriformes: Diplomystidae) in coastal river basins of Chile and its implications for conservation | Neotropical Ichthyology | 2020 |
| Barnes, D.K.A., Sands, C.J., Cook, A., Howard, F., Gonzalez, A.R., Muñoz-Ramirez, C., Retallick, K., Scourse, J., Landeghem, K. & Zwerschke, N. | Blue carbon gains from glacial retreat along Antarctic fjords: What should we expect? | Global Change Biology | 2020 |
| Bascur, M., Muñoz-Ramírez, C.P., Román-González, A., Sheen, K., Barnes, D.K.A., Sands, C.J., Brante, A. & Urzúa, A. | The influence of glacial melt and retreat on the nutritional condition of the bivalve <i>Nuculana inaequisculpta</i> (Protobranchia: Nuculanidae) in the West Antarctic Peninsula | PLoS One | 2020 |
| Victoriano, P.F., Muñoz-Ramírez, C.P., Canales-Aguirre, C.B., Jara, A., Vera-Escalona, I., Burgos-Careaga, T., Muñoz-Mendoza, C. & Habit, E.M. | Contrasting evolutionary responses in two codistributed species of Galaxias (Pisces, Galaxiidae) in a river from the glaciated range in South Chile | Royal Society Open Science | 2020 |



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| Bascur, M., Morley, S.A., Meredith, M.P., Muñoz-Ramírez, C.P., Barnes, D.K., Schloss, I.R., ... & Urzúa, Á. | Interpopulational differences in the nutritional condition of <i>Aequiyoldia eightsii</i> (Protobranchia: Nuculanidae) from the Western Antarctic Peninsula during austral summer | PeerJ | 2021 |
| Muñoz-Ramírez, C., Beltrán-Concha, M., Pérez-Araneda, K., Sands, C., Barnes, D., Román-González, A., ... & Brante, A. | Genetic variation in a small bivalve along a retreating glacier fjord, King George Island, Antarctica | Revista de Biología Marina y Oceanografía | 2021 |
| Toussaint, E.F.A., Gauthier, J., Bilat, J., Gillett, C.P.D.T., Gough, H.M., Lundkvist, H., Blanc, M., Muñoz-Ramírez, C.P. & Alvarez, N. | HyRAD-X exome capture museomics unravels giant ground beetle evolution | Genome Biology and Evolution | 2021 |
| Zwerschke, N., Sands, C.J., Roman-Gonzalez, A., Barnes, D.K.A., Guzzi, A., Jenkins, S., Muñoz-Ramírez, C.P. & Scourse, J. | Quantification of blue carbon pathways contributing to negative feedback on climate change following glacier retreat in West Antarctic fjords | Global Change Biology | 2022 |
| Benítez, H.A., Muñoz-Ramírez, C., Correa, M., Acuña-Rodríguez, I.S., Villalobos-Leiva, A., Contador, T., Velásquez, N.A. & Suazo, M.J. | Breaking the law: Is it correct to use the converse Bergmann Rule in <i>Ceroglossus chilensis</i> ? An overview using geometric morphometrics | Insects | 2024 |
| Muñoz-Ramírez, C.P., Colin, N., Canales-Aguirre, C., Manosalva, A., López-Rodríguez, R., Sukumaran, J. & Górski, R. | Species tree analyses and speciation-based species delimitation support new species in the relict catfish family Diplomystidae and provide insights on recent glacial history in Patagonia | Molecular Phylogenetics and Evolution | En prensa |



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