

DOCTORADO EN CIENCIAS AGROALIMENTARIAS

**Juan Luis Celis Diez**

**Publicaciones (2017- 2021)**

1. Díaz-Sieffer, P., Tapia-Gatica, J., Martínez-Harms, J., **Celis-Diez, J.L.** 2021. A larval aggregation pheromone as foraging cue for insectivorous birds. *Biology Letters*, 1720210360. Q2.
2. Díaz-Sieffer, P., Olmos-Moya, N., Fontúrbel, F.E., Lavandero, B., Pozo, R.A., **Celis-Diez, J.L.** 2021. Bird-mediated effects of pest control services on crop productivity: A global synthesis. *Journal of Pest Science*. Q1.
3. Larraguibel-González, C., **Celis-Diez, J.L.**, Boric-Bargetto, D., Figueroa-Sterquel, R., Torres-Pérez, F. 2021. Diferencias en el ensamble de micromamíferos entre áreas con diferente grado de perturbación antrópica. Caso de estudio: Bioparque el Puquén, Los Molles, Región de Valparaíso, Chile. *Revista de Geografía Norte Grande*, 80, 391-416. Q4.
4. Berasaluce, M., Díaz-Sieffer, P., Rodríguez-Díaz, P., Mena-Carrasco, M., Ibarra, J.T., **Celis-Diez, J.L.**, Mondaca, P. 2021. Social-environmental conflicts in Chile: is there any potential for an ecological constitution? *Sustainability*. 13, 12701. Q2.
5. Quintero-Galvis, J.F., Saenz-Agudelo, P., **Celis-Diez, J.L.**, Amico, G.C., Vazquez, S., Shafer, A.B.A., Nespolo, R.F. 2021. The Biogeography of Dromiciops in Southern South America: middle Miocene transgressions, speciation and associations with Nothofagus. *Molecular Phylogenetics and Evolution*, 163: 107234. Q2.
6. Graells, G., Nakamura, N., **Celis-Diez, J.L.**, Lagos, N.A., Marquet, P.A., Pliscoff, P., Gelcich, S. 2021. A review on coastal urban ecology: Research gaps, challenges and needs. *Frontiers in Marine Science*, 8: 617897. Q1.
7. Dymond, K., Garratt, M.P.D., Howlett, B.G., Potts, S.G., Willcox, B.K., **Celis-Diez, J.L.** 2021. The role of insect pollinators in avocado production: a global review. *Journal of Applied Entomology*, 145: 369-383. Q1.
8. García, C.B., Svensson, G., Bravo, C., Undurraga, M.I., Díaz-Forestier, J., Godoy, K., Barbosa, O., Neaman, A., Abades, S., **Celis-Diez, J.L.** 2021. Remnants of native forests support carnivore diversity in the vineyard landscapes of central Chile. *Oryx*, 55: 227-234. Q2.
9. Parra-Saldívar, A., Abades, S., **Celis-Diez, J.L.**, Gelcich, S. 2020. Exploring perceived wellbeing from urban parks: Insights from a mega-city in Latin America. *Sustainability*, 12: 7586. Q2.
10. Lillo, F., Tapia-Gatica, J., Díaz-Sieffer, P., Moya, H., Youlton, C., **Celis-Diez, J.L.**, Santa Cruz, J., Ginocchio, R., Sauv e, S., Brykov, V., Neaman, A. 2020. Which Cu fraction governs phytotoxicity in field-collected soils contaminated by copper smelting activities in central Chile? *Chemosphere* 242: 125176. Q1.

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11. Valdés-Barrera, A., Kutzbach, L., **Celis-Diez, J.L.**, Armesto, J.J., Holl, D., Perez-Quezada, J.F. 2019. Effects of disturbance on the carbon dioxide balance on an anthropogenic peatland in northern Patagonia. *Wetlands Ecology and Management* 27: 635-650. Q4.
12. Valladares-Gómez, A., **Celis-Diez, J.L.**, Sepúlveda-Rodríguez, C., Inostroza-Michael, O., Hernández, C.E., Palma, R.E. 2019. Genetic diversity, population structure and migration scenarios of the marsupial “Monito del Monte” in south-central Chile. *Journal of Heredity* 110: 651-661. Q3.
13. Besoain, X., Guajardo, J., Larach, A., Riquelme, N., Gálvez, E., Tapia, L., Saratscheff, T., **Celis-Diez, J.L.** 2019. *Diplodia seriata* causing gummy canker in *Araucaria araucana* wild populations in south-central Chile. *Plant Disease* 103: 2684-2685. Q1.
14. Zepeda, P.S., Rodríguez-Serrano, E., Torres-Pérez, F., **Celis-Diez, J.L.**, Palma, R.E. 2019. Genetic variability and structure of the Olive Field Mouse: a sigmodontine rodent in a biodiversity hotspot of southern Chile. *PeerJ* 7:e6955. Q2.
15. Díaz-Forestier, J., Leon-Lobos, P., Marticorena, A., **Celis-Diez, J.L.**, Giovannini, P. 2019. Useful native plants of Chile: review and patterns of use. *Economic Botany* 73, 112-123. Q3.
16. Vargas, G., Rivera, A., Suárez, D., Verdejo, J., Youlton, C., **Celis-Diez, J.L.**, Bissonnais, Y., Dovletyarova, E.A., Neaman, A. 2019. The effect of four calcium-based amendments on soil aggregate stability of two sandy topsoils. *Journal of Plant Nutrition and Soil Science* 182: 159–166. Q3.
17. Smith-Ramírez, C., Vieli, L., Barahona, R., Montalva, J., Cianferoni, F., Ruz, L., Fonturbel, F.E., Valdivia, C.E., Medel, R., Pauchard, A., **Celis-Diez, J.L.**, Riesco, V., Monzon, V., Vivallo, F., Neira, M. 2018. Las razones de por qué Chile debe detener la importación del abejorro comercial *Bombus terrestris* (Linnaeus) y comenzar a controlarlo. *Gayana* 82: 118-127. Q4.
18. Godoy-Güinao, J., Díaz, I., **Celis-Diez, J.L.** 2018. Confirmation of arboreal habits in *Dromiciops gliroides*: a key role in Chilean Temperate Rainforests. *Ecosphere* e02424. Q2.
19. Pérez-Quezada, J., **Celis-Diez, J.L.**, Brito, C., Gaxiola, A., Núñez-Avila, M., Pugnaire, F., Armesto, J.J. 2018. Carbon fluxes from a temperate rainforest site in southern South America reveal a very sensitive sink. *Ecosphere* 9: e02193. Q2.
20. Stowhas, T., Verdejo, J., Yañez, C., **Celis-Diez, J.L.**, Martínez, E., Neaman, A. 2018. Zinc alleviates copper toxicity to symbiotic nitrogen fixation in agricultural soil affected by copper mining in central Chile. *Chemosphere* 209: 960-963. Q1.
21. Pardo, J., Mondaca, P., **Celis-Diez, J.L.**, Ginocchio, R., Navarro-Villaruel, C., Neaman, A. 2018. Assessment of revegetation of an acidic metal(loid)-polluted soils six years after the incorporation of lime with and without compost. *Geoderma* 331:81-86. Q1.

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22. Muñoz, C., Ippi, S., **Celis-Diez, J.L.**, Salinas, D., Armesto, J.J. 2017. Arthropods in the diet of the bird assemblage from a forested rural landscape in northern Chiloé Island, Chile: A quantitative study. *Ornitología Neotropical* 28: 191-199. Q4.
23. Valladares-Gómez, A., **Celis-Diez, J.L.**, Palma, E., Manríquez-Soto, G. 2017. Cranial morphological variation of *Dromiciops gliroides* (Microbiotheria) along its geographical distribution in south-central Chile: a three-dimensional analysis. *Mammalian Biology* 87: 107-117. Q2.
24. **Celis-Diez, J.L.**, Muñoz, C., Abades, S.R., Marquet, P.A., Armesto, J.J. 2017. Biocultural homogenization in urban settings: Public knowledge of birds in city parks of Santiago, Chile. *Sustainability* 9: 485. Q2.

### Proyectos con financiamiento externo últimos 5 años (adjudicado y/o ejecutado)

1. Efectos de tratamientos silviculturales y de cosecha de agua en la provisión de servicios ecosistémicos del espinal en un contexto de megasequía.  
Financiamiento: Fondo de Investigación del Bosque Nativo-CONAF - FIBN N°001/2021  
Rol: Co-investigador  
Duración: 2021-2023  
Año adjudicación: 2021
2. Desarrollo de atrayente artificial como insumo para la implementación de estrategia de manejo de la polinización en huertos de palto var. Hass de la región de Valparaíso.  
Financiamiento: FIA - PYT-2020-0250  
Rol: Co-investigador  
Duración: 2021-2023  
Año adjudicación: 2021
3. Ecological intensification: Integrating knowledge of ecosystem services to promote sustainable agriculture in Chile.  
Financiamiento: Anillo C&T PIA-Conicyt ACT192027  
Rol: Investigador principal  
Duración: 2020-2022  
Año adjudicación: 2019
4. Ethnobiology and ecology of smallholder cattle production: can cattle help conservation and adaptation.  
Financiamiento: Ecos-Conicyt ECOS180008  
Rol: Investigador principal  
Duración: 2018-2021  
Año de adjudicación: 2018



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5. Biodiversity conservation and ecosystem services provision to improve economic, environmental and social performance in smallholder farms.  
Financiamiento: Newton Fund- Conicyt  
Rol: Co-investigador  
Duración: 2017-2018  
Año de adjudicación: 2017