

DOCTORADO EN CIENCIAS AGROALIMENTARIAS

**Juan Luis Celis Diez**

**Publicaciones (2016- presente)**

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*. 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*. 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*, aceptada. 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 JL**, Santa Cruz J, Ginocchio R, Sauvé S, Brykov V, A Neaman. 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 JL**, Armesto JJ, Holl D, Perez-Quezada JF. 2019. Effects of disturbance on the carbon dioxide balance on an anthropogenic peatland in northern Patagonia. *Wetlands Ecology and Management* 27: 635-650. Q2.
12. Valladares-Gómez A, **Celis-Diez JL**, Sepúlveda-Rodríguez C, Inostroza-Michael O, Hernández CE, Palma RE. 2019. Genetic diversity, population structure and migration scenarios of the marsupial “Monito del Monte” in south-central Chile. *Journal of Heredity* 110: 651-661. Q2.
13. Besoain X, Guajardo J, Larach A, Riquelme N, Gálvez E, Tapia L, Saratscheff T, **Celis-Diez JL**. 2019. *Diplodia seriata* causing gummy canker in *Araucaria araucana* wild populations in south-central Chile. *Plant Disease*, 103: 2684-2685. Q1.
14. Zepeda PS, Rodríguez-Serrano E, Torres-Pérez F, **Celis-Diez JL**, Palma RE. 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 JL**, Giovannini P. 2019. Useful native plants of Chile: review and patterns of use. *Economic Botany* 73, 112-123. Q2.
16. Vargas G, Rivera A, Suárez D, Verdejo J, Youlton C, **Celis-Diez JL**, Bissonnais Y, Dovletyarova EA, 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 FE, Valdivia CE, Medel R, Pauchard A, **Celis-Diez JL**, 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 JL**. 2018. Confirmation of arboreal habits in *Dromiciops gliroides*: a key role in Chilean Temperate Rainforests. *Ecosphere* e02424. Q1.
19. Pérez-Quezada J, **Celis-Diez JL**, Brito C, Gaxiola A, Núñez-Avila M, Pugnaire F, Armesto JJ. 2018. Carbon fluxes from a temperate rainforest site in southern South America reveal a very sensitive sink. *Ecosphere* 9: e02193. Q1.
20. Stowhas T, Verdejo J, Yañez C, **Celis-Diez JL**, 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 JL**, 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 JL**, Salinas D, Armesto JJ. 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 JL**, 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 JL**, Muñoz C, Abades SR, Marquet PA, Armesto JJ. 2017. Biocultural homogenization in urban settings: Public knowledge of birds in city parks of Santiago, Chile. *Sustainability* 9: 485. Q2.
25. **Celis-Diez JL**, Díaz-Forestier J, Márquez-García M, Lazzarino S, Rozzi R, Armesto JJ. 2016. Biodiversity Knowledge Loss in Children's books and texts. *Frontiers in Ecology and the Environment* 14: 408-410. Q1.
26. Díaz-Forestier J, Gómez M, **Celis-Diez JL**, Montenegro G. 2016. Nectary structure of four melliferous plants native to Chile. *Flora - Morphology, Distribution, Functional Ecology of Plants* 221: 100-106. Q3.

### Proyectos con financiamiento externo (2016-presente)

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

## DOCTORADO EN CIENCIAS AGROALIMENTARIAS

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
5. Winter huddling and kinship in the marsupial *Dromiciops gliroides*.  
Financiamiento: Rufford Foundation small grant  
Rol: Investigador principal  
Duración: 2018  
Año de adjudicación: 2018
6. 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