



UNIVERSIDAD DE GRANADA

Departamento de
Ecología

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Profesora Titular de Universidad



[Currículum vitae \(pdf\)](#)

Grupo de investigación.

Ecología Global.

Líneas de Investigación.

- Biodiversidad en sistemas lagunares y humedales.
- Implicaciones ecológicas y evolutivas de los bancos de huevos diapáusicos.
- Paleoecología. Efectos del cambio climático y otras perturbaciones sobre los ecosistemas acuáticos y la vegetación de Sierra Nevada.
- Especies crípticas de rotíferos: identificación y caracterización ecológica; relaciones de competencia y procesos mediadores de la coexistencia.

Publicaciones más relevantes en los últimos 10 años (2013-2022)

- Stremmel, H., L. Weiss, G. Parra, Ramos-Rodríguez & C.V.M. Araújo (2022). Ecotoxicological assessment of the effects of fluoxetine on *Daphnia magna* based on acute toxicity, multigenerational reproduction effects, and attraction-repulsion responses. **Chemosphere** 137028. <https://doi.org/10.1016/j.chemosphere.2022.137028>
- Ramos-Rodríguez, E., C. Pérez-Martínez, JM. Conde-Porcuna. (2022). A Non-Stressful Temperature Rise and Greater Food Availability Could Increase Tolerance to Calcium Limitation of *Daphniapulex* (Sensu Hebert, 1995) Populations in Cold Soft-Water Lakes. **Biology** 11(10):1539. <https://doi.org/10.3390/biology11101539>

<http://ecologia.ugr.es/>

- Pérez-Martínez, C., Conde-Porcuna, J.M., Ramos-Rodríguez, E., ... Jiménez, L. **(3/11) (2022)**. Paleolimnological Indicators of Global Change. In: Zamora, R., Oliva, M. (eds) *The Landscape of the Sierra Nevada*. Springer, Cham. https://link.springer.com/chapter/10.1007/978-3-030-94219-9_17
- Donis, D., E. Mantzouki, D.F. McGinnis ... Ibelings, B.W. AC: Donis, D. **(142/193) (2021)**. Stratification strength and light climate explain variation in chlorophyll-a at the continental scale in a European multilake survey in a heatwave summer. **Limnology and Oceanography** 66, 4314–4333. <https://doi.org/10.1002/lno.11963>
- Conde-Porcuna, J. M., J. Veiga, E. Moreno, L. Jiménez, L., Ramos-Rodríguez & C. Pérez-Martínez **(2021)**. Phylogeny and spatiotemporal genetic patterns in the *Daphnia pulex* complex from Sierra Nevada lakes (Spain): first record of North American *D. pulex* in a European high mountain lake. **Journal of Plankton Research** 43 (3): 380–395. <https://doi.org/10.1093/plankt/fbab024>
- Araujo, C. V. M., Laissaoui, A., Silva, D. C. V. R., Ramos-Rodríguez, ... Moreno-Garrido, I. AC: Araujo, C. V. M.; **(4/15) (2020)**. Not Only Toxic but Repellent: What Can Organisms' Responses Tell Us about Contamination and What Are the Ecological Consequences When They Flee from an Environment? **Toxics** 8, 118. <https://doi.org/10.3390/toxics8040118>
- Ramos-Rodríguez, E., E. Moreno, J.M. Conde-Porcuna **(2020)**. Intraspecific variation in sensitivity to food availability and temperature-induced phenotypic plasticity in the rotifer *Keratella cochlearis*. **Journal of Experimental Biology** 223 (7) <https://doi.org/10.1242/jeb.209676>
- Pérez-Martínez, C., J.M. Conde-Porcuna, E. Moreno, Ramos-Rodríguez, E. & L. Jiménez. **(2020)**. Cladoceran assemblage distribution in shallow alpine lakes of Sierra Nevada (Spain) and its relationship with environmental variables. **Aquatic Sciences** 82, 4. <https://doi.org/10.1007/S00027-019-0677-5>
- Guerrero-Jiménez, G., Ramos-Rodríguez, M. Silva-Briano, A. Adabache-Ortiz, J.M. Conde-Porcuna. **(2020)**. Analysis of the morphological structure of diapausing propagules as a potential tool for the identification of rotifer and cladoceran species **Hydrobiologia** 847: 243–266. <https://doi.org/10.1007/S10750-019-04085-0>
- Morales-Baquero, R., C. Pérez-Martínez, E. Ramos-Rodríguez, P. Sánchez-Castillo, M. Villar-Argaiz & JM Conde-Porcuna. **(2019)**. Zooplankton advective losses may affect chlorophyll-a concentrations in fishless high-mountain lakes. **Limnética** 38(10): 55-65. DOI: [10.23818/limn.38.12](https://doi.org/10.23818/limn.38.12)
- Mantzouki E, M. Lürling, J. Fastner, ... W. Ibelings **(154/195) (2018)**. Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. **Toxins** 10:156 doi:[10.3390/toxins10040156](https://doi.org/10.3390/toxins10040156)
- Ramos Rodríguez, E., C. Pérez-Martínez & J.M. Conde-Porcuna **(2017)**. Strict stoichiometric homeostasis of *Cryptomonas pyrenoidifera* (Cryptophyceae) in relation to N:P supply ratios. **Journal of Limnology** 76:182-189. DOI: <https://doi.org/10.4081/jlimnol.2016.1487>
- Álvarez-Manzaneda, I., Ramos-Rodríguez, M.J. López-Rodríguez, G. Parra, A. Funes & I. de Vicente **(2017)** Acute and chronic effects of magnetic microparticles potentially used in lake restoration on *Daphnia magna* and *Chironomus* sp. **Journal of Hazardous Materials** 322: 437–444. DOI: <http://dx.doi.org/10.1016/j.jhazmat.2016.10.035>
- Conde-Porcuna, J.M., Ramos-Rodríguez & C. Perez-Martínez **(2014)** In situ

production of empty ehippia and resting eggs by an obligate parthenogenetic Daphnia population. **Journal of Plankton Research** 36: 157-169.
<https://doi.org/10.1093/plankt/fbt072>