

## David Carmelet-Rescan



Born in Rennes (France) on 05/09/1994

Tel.: +33 602255695

e-mail: dcarmelet@gmail.com

**Current Position:** Post Doc.

Supervisor: Francesca Raffini  
Appointed on project: FIASCO

**Affiliation:**

Department of Biology and Evolution of Marine Organisms (BEOM), Stazione Zoologica Anton Dohrn, Napoli (Italy).

### Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Poitiers, Faculty of Fundamental and applied science, France	Master	2013-2018	Sciences, Technologies, Health option Biology, Ecology specialisation Ecology and Biology of populations
Massey University, School of Natural Sciences, Palmerston North, New Zealand	Ph.D.	2019-2023	Genomic differentiation of brushtail possum ( <i>Trichosurus vulpecula</i> ) population.
Department of Biology and Evolution of Marine Organisms (BEOM), Stazione Zoologica Anton Dohrn, Napoli (Italy).	Postdoc	2024	<i>Littorina saxatilis</i> genomics and evolutionary mechanisms

## **Publications**

Author of 4 publications on ISI-journals

### ***List of publications of the last 10 years***

#### ***Journal Papers***

- Carmelet-Rescan, D., Morgan-Richards, M., Koot, E. M., & Trewick, S. A. (2021). Climate and ice in the last glacial maximum explain patterns of isolation by distance inferred for alpine grasshoppers. *Insect Conservation and Diversity*, 14(5), 568-581.
- Cunha, A. F., Carmelet-Rescan, D., Marques, A. C., & Morgan-Richards, M. (2022). Contrasting morphological and genetic patterns suggest cryptic speciation and phenotype–environment covariation within three benthic marine hydrozoans. *Marine Biology*, 169(8), 103.
- Liggins, L., Arranz, V., Braid, H. E., Carmelet-Rescan, D., Elleouet, J., Egorova, E., ... & Stewart, L. C. (2022). The future of molecular ecology in Aotearoa New Zealand: An early career perspective. *Journal of the Royal Society of New Zealand*, 52(sup1), 92-115.
- Carmelet-Rescan, D., Morgan-Richards, M., Pattabiraman, N., & Trewick, S. A. (2022). Time-calibrated phylogeny and ecological niche models indicate Pliocene aridification drove intraspecific diversification of brushtail possums in Australia. *Ecology and Evolution*, 12(12), e9633.