TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO **ID CODE 6426_____**

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Bioscienze** _____

Scientist- in – charge: **Gianalberto LOSAPIO**_____

MARTINEZ ALMOYNA Camille

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Camille
Name	MARTINEZ ALMOYNA

PRESENT OCCUPATION

Appointment	Structure

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
PhD	Ecology, Biodiversity and Environment	Université Grenoble Alpes (France)	2021
M. Sc. Degree	Ecology and Evolution	Université de Montpellier (France)	2017
Engineering degree (corresponding to M. Sc. degree)	Agronomy	Montpellier Supagro (France)	2017
Erasmus semester	Agricultural sciences, Ecology	University of Natural Resources and Life Sciences (Vienna, Austria)	2015

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
French	C2 (native)
English	C1 (fluent)
German	C1 (fluent)
Spanish	A2 (basic)

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2017	Doctoral scholarship from University Grenoble Alpes

TRAINING OR RESEARCH ACTIVITY

Research activity aiming to combine monitoring of alpine biodiversity in the field together with advanced statistical analyses, to better understand the link between the environment, plant-soil-arthropods assemblages and ecosystem functioning in space and time.

11.2022 – 12. 2023, Laboratoire Ecosystèmes et Sociétés en Montagne, postdoctoral research
01.2017 – 10. 2022, Laboratoire d'Ecologie Alpine (Grenoble, France), research as a master then PhD student, then as a postdoctoral researcher
06.2016 – 08.2016, Swedish University for Agricultural Sciences (Umea, Sweden), research as a master student
07.2015-02.2016, Institut des Sciences de l'Evolution de Montpellier (France) and Leibniz Institut for Zoo- and Wildlife Research (Berlin, Germany), research as a master student
07.2015-08.2015, Laboratoire de Biométrie et Biologie Evolutive (Lyon, France), research internship (M1)

PROJECT ACTIVITY

Year	Project
2022-2023	Alpine meadows in face of global change
2017, 2018, 2022	Diversity and distribution of alpine aboveground arthropods
2017-2022	Plant-soil linkages along elevation gradients: from trophic groups to multiple ecosystem functions
2016	Responses of boreal ecosystems to global change in the field
2016	Sensitivity analysis and use of the R package InferentialSimulation ('Infusion') to infer the parameters of a mechanistic partner choice model
2015	Analysis of neophobia in collared flycatchers (Ficedula albicollis) based on videos

CONGRESSES AND SEMINARS

Date	Title	Place
04.2023	Vegetation structure and climate shape mountain arthropod distributions across trophic levels	Annual meeting of the "Zone Atelier Alpes" organization, Grenoble, France
10.2022	Differential effects of soil trophic networks on microbial decomposition activity in mountain ecosystems	SFE²GFO Joint Meeting, Metz, France
07.2022	Differential effects of soil trophic networks on microbial decomposition activity in mountain ecosystems	World Biodiversity Forum, Davos, Switzerland
11.2019	Climate, soil resources and microbial activity shape the distributions of mountain plants based on their functional traits	Annual meeting of the "Zone Atelier Alpes" organization, Grenoble, France
06.2019	Multi-trophic ß-diversity mediates the effect of environmental gradients on the turnover of multiple ecosystem functions.	Doctoral school day, Grenoble, France (Poster)

PUBLICATIONS

Articles in reviews
Calderón-Sanou, I., Ohlmann, M., Münkemüller, T., Zinger, L., Hedde, M., Lionnet, C., **Martinez-Almoyna, C.,** Saillard, A., Renaud, J., Le Guillarme, N., Gielly, L., Orchamp Consortium, & Thuiller, W. (2023). Mountain soil multitrophic networks shaped by the interplay between habitat and pedoclimatic conditions. *Soil Biology & Biochemistry,* 190, 109282.
Le Guillarme, N., Hedde, M., Potapov, A. M., Martínez-Muñoz, C. A., Berg, M. P., Briones, M. J. I., Calderón-Sanou, I., Degrune, F., Hohberg, K., **Martinez-Almoyna, C.,** Pey, B., Russell, D. J., & Thuiller, W. (2023). The Soil Food Web Ontology: Aligning trophic groups, processes, resources, and dietary traits to support food-web research. *Ecological Informatics*, *78*, 102360.
Leclerc, L., Calderón-Sanou, I., **Martinez-Almoyna, C.,** Paillet, Y., Thuiller, W., Vincenot, L., & Kunstler, G. (2023). Beyond the role of climate and soil conditions: Living and dead trees matter for soil biodiversity in mountain forests. *Soil Biology & Biochemistry*, *187*(109194), 109194.
Poggiato, G., Gaüzere, P., **Martinez-Almoyna, C.,** Deschamps, G., Renaud, J., Violle, C., Münkemüller, T., & Thuiller, W. (2023). Predicting combinations of community mean traits using joint modelling. *Global Ecology and Biogeography: A Journal of Macroecology*, *32*(8), 1409–1422.
Martinez-Almoyna, C., Saillard, A., Zinger, L., Lionnet, C., Arnoldi, C., Foulquier, A., Gielly, L., Piton, G., Münkemüller, T., & Thuiller, W. (2022). Differential effects of soil trophic networks on microbial decomposition activity in mountain ecosystems. *Soil Biol. Biochem.*, *172*, 108771.
Calderón-Sanou, I., Zinger, L., Hedde, M., **Martinez-Almoyna, C.,** Saillard, A., Renaud, J., Gielly, L., Khedim, N., Lionnet, C., Ohlmann, M., Orchamp Consortium, Münkemüller, T., & Thuiller, W. (2022). Energy and physiological tolerance explain multi-trophic soil diversity in temperate mountains. *Diversity & Distributions*, *28*(12), 2549–2564.
Hedde, M., Blight, O., Briones, M. J. I., Bonfanti, … , **Martinez-Almoyna, C.,** …, Capowiez, Y. (2022). A common framework for developing robust soil fauna classifications. *Geoderma*, *426*, 116073.

Weil, S.-S., **Martinez-Almoyna, C.,** Piton, G., Renaud, J., Boulangeat, L., Foulquier, A., Saillard, A., Choler, P., Poulenard, J., Münkemüller, T., Thuiller, W., & ORCHAMP Consortium. (2021). Strong links between plant traits and microbial activities but different abiotic drivers in mountain grasslands. *Journal of Biogeography*, *48*(11), 2755–2770.
Martinez-Almoyna, C., Piton, G., Abdulhak, S., Boulangeat, L., Choler, P., Delahaye, T., Dentant, C., Foulquier, A., Poulenard, J., Noble, V., Renaud, J., Rome, M., Saillard, A., Thuiller, W., Münkemüller, T., & The ORCHAMP Consortium. (2020). Climate, soil resources and microbial activity shape the distributions of mountain plants based on their functional traits. *Ecography*, *43*(10), 1550–1559.
Leitão, P. J., Andrew, C. J., Engelhardt, E. K., Graham, C. H., **Martinez-Almoyna, C.,** Mimet, A., Pinkert, S., Schröder, B., Voskamp, A., Hof, C., & Fritz, S. A. (2020). Macroecology as a hub between research disciplines: Opportunities, challenges and possible ways forward. *Journal of Biogeography*, *47*(1), 13–15.
O'Connor, L. M. J., Pollock, L. J., Braga, J., Ficetola, G. F., Maiorano, L., **Martinez-Almoyna, C.,** Montemaggiori, A., Ohlmann, M., & Thuiller, W. (2020). Unveiling the food webs of tetrapods across Europe through the prism of the Eltonian niche. *Journal of Biogeography*, *47*(1), 181–192.
Martinez-Almoyna, C., Thuiller, W., Chalmandrier, L., Ohlmann, M., Foulquier, A., Clément, J.-C., Zinger, L., & Münkemüller, T. (2019). Multi-trophic β-diversity mediates the effect of environmental gradients on the turnover of multiple ecosystem functions. *Functional Ecology*, *33*(10), 2053–2064.
Rousset, F., Gouy, A., **Martinez-Almoyna, C.,** & Courtiol, A. (2017). The summary-likelihood method and its implementation in the Infusion package. *Molecular Ecology Resources*, *17*(1), 110–119.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Place and date: Grenoble,09.02.2024