

Curriculum vitae – Ramona-Elena Irimia, *PhD*

General Information

Date of birth: 14/05/1988
Nationality: Romanian
Work address: University of Tübingen, Institute of Evolution & Ecology, Auf der Morgenstelle 5, 72076, Tübingen, Germany
Contact: ramonaeirimia@gmail.com
ORCID: 0000-0002-5304-8660
Website: <http://www.uni-tuebingen.de/plantevoeco>
Current Position: Postdoctoral Researcher

Scientific Areas

Plant Evolutionary Ecology, Population Genomics, Ancient DNA, Biological Invasions, Biogeography

Professional career

2023 – 2024 **Postdoctoral researcher** (Evolution and Ecology), University of Tübingen, Germany
2022 – 2023 **Marie Skłodowska-Curie Fellow** (Evolution and Ecology), University of Tübingen, Germany
2020 – 2021 **Postdoctoral researcher** (Evolution and Ecology), University of Tübingen, Germany
2012 – present **Junior Research Assistant** (Ecology), National Institute of Research and Development for Biological Sciences, Piatra-Neamt, Romania

Education

2016 – 2020 **PhD in Biosciences** (University of Coimbra, Portugal)
2006 – 2014 **Bachelor and Master Studies** in Biology and Ecology (“Alexandru Ioan Cuza” University of Iași, Romania)

Research experience (major grants underlined)

2023 – 2024 Uncovering the genetics of an iconic plant invasion through museomics (Research Seed Capital (RISC) for Junior Researchers of the Ministry of Science, Research and Arts of Baden-Württemberg, PI)
2022 – 2024 Spatiotemporal dynamics of invasion in a global invader plant (BMBF and the Baden-Württemberg Ministry of Science, PI)
2022 – 2023 Eco-evolutionary dynamics of biological invasions reconstructed from ancient DNA (EU H2020, MSCA-IF; PI)

Selected Fellowships and Awards

2022 – 2023	Marie Skłodowska-Curie Fellowship (University of Tübingen, Germany)
2016 – 2020	Doctoral fellowship , Portuguese foundation for Science and Technology (FCT)
2013 – 2016	Travel grants (8) to attend different trainings, practical courses, summer schools and conferences in Life Sciences in Europe
2013	European Science Foundation Short Visit Grant (LMU Munich, Germany)
2013	DAAD Grant , Graduate School Life Science (LMU Munich, Germany)
2010 – 2011	Erasmus placement grant (Turkey) and study grant (Italy)

Research Supervision

Master students: Farah Badreldin (completed in 2022, University of Tübingen), Felix Hahn (2024 – ongoing)
Bachelor students: Luzia Hama (completed in 2023, University of Tübingen); Theresa Rothfuchs (ongoing, University of Tübingen); Jamie Wiener (ongoing, University of Tübingen)

Professional Service

Peer review activity for different journals including *Molecular Ecology*, *BMC Ecology and Evolution*, *American Journal of Botany*, *Journal of Ecology*, *Biological Invasions*, *Evolutionary Ecology*
Peer review activity for Funding Agencies: French National Research Agency (ANR)

Membership

European Society for Evolutionary Biology (ESEB)

Research production

H-index: 6 (Google Scholar)

10 publications in peer-reviewed journals

Organization of scientific meetings: Symposium organization at the Congress of the European Society for Evolutionary Biology (Aug 2022, Prague, Czech Republic)

New taxa named: *Rochefortia barloventensis* Irimia & Gottschling (Ehretiaceae, Boraginales)

Communication and outreach

Presentation College of Fellows, University of Tübingen (Jun 2023)

Herbarium tour for bachelor students at Botany module at the University of Tübingen (Apr – Jun 2023)

Research featured in the University of Tübingen ATTEMPTO magazine (Apr 2022)

Publication list (peer reviewed)

Irimia RE, Zhao W, Cao P, Parepa M, Liao Z, Wang S, Mounger JM, Richardson C, Elkott F, Zhuang X, Bi J, Zhao Y, Kuglar E, Rafalski J, Schloter E, Wu J, Ju R, Yang J, Li B, Bossdorf O, Richards CL (2023). Cross-continental shifts of ecological strategy in a global plant invader. In review: *Global Ecology and Biogeography* (IF=6.4, Citations: 1).

- Branco S, **Irimia RE**, Montesinos D (2023). The introduction of an invasive weed was not followed by the introduction of ethnobotanical knowledge: a review on the ethnobotany of *Centaurea solstitialis* L. (Asteraceae). *PeerJ* 11. e15489. (IF=2.7, Citations = 0).
- Irimia RE**, Montesinos D, Chaturvedi A, Sanders I, Hierro JL, Sotes G, Cavieres LA, Eren Ö, Lortie CJ, French K, Brennan AC (2023). Trait evolution during a rapid global weed invasion despite little genetic differentiation. *Evolutionary Applications* 16:997-1011. 10.1111/eva.13548. (IF=4.1, Citations = 2).
- Irimia RE**, Hierro JL, Branco S, Sotes G, Cavieres LA, Eren Ö, Lortie CJ, French K, Callaway RM, Montesinos D. (2021). Experimental admixture among geographically disjunct populations of an invasive plant yields a global mosaic of reproductive incompatibility and heterosis. *Journal of Ecology* 109:2152-2162. 10.1111/1365-2745.13628. (IF=5.5, Citations = 10).
- Irimia RE**, Lopes SMM, Sotes G, Cavieres LA, Eren Ö, Lortie CJ, French K, Hierro JL, Rosche C, Callaway R, Pinho e Melo TMVD, Montesinos D (2019). Biogeographic differences in the allelopathy of leaf surface extracts of an invasive weed. *Biological Invasions* 21:3151-3168. 10.1007/s10530-019-02038-1. (IF=2.9, Citations = 21).
- Žerdoner Čalasan A, Kretschmann J, Filipowicz, NH, **Irimia RE**, Kirsch M, Gottschling M (2019). Towards global distribution maps of unicellular organisms such as calcareous dinophytes based on DNA sequence information. *Marine Biodiversity* 49:749-758. 10.1007/s12526-018-0848-y. (IF=1.6, Citations = 9).
- Irimia RE**, Montesinos D, Eren O, Lortie CJ, French K, Cavieres LA, Sotes GJ, Hierro JL, Jorge A, Loureiro J (2017). Extensive analysis of native and non-native *Centaurea solstitialis* L. populations across the world shows no traces of polyploidization. *PeerJ* 5:e3531. 10.7717/peerj.3531. (IF=2.7, Citations = 11).
- Irimia RE**, Gottschling M (2016). Taxonomic revision of *Rocheportia* Sw. (Ehretiaceae, Boraginales). *Biodiversity Data Journal* 4: e7720. 10.3897/BDJ.4.e7720. (IF=1.3, Citations = 2).
- Irimia RE**, Pérez-Escobar OA, Gottschling M (2015). Strong biogeographic signal in the phylogenetic relationships of *Rocheportia* Sw. (Ehretiaceae, Boraginales). *Plant Systematics and Evolution* 301:1509-1516. 10.1007/s00606-014-1162-1. (IF=1.9, Citations = 13).
- Irimia RE**, Gottschling M (2015). A new species of *Rocheportia* (Ehretiaceae, Boraginales) from the Lesser Antilles. *Phytotaxa* 236:62-70. 10.11646/phytotaxa.236.1.5. (IF=1.18, Citations = 2).