



CURRICULUM VITAE

EDUCATION

2019: M.Sc. in Plant Molecular and Applied Biology - Green Biotechnology, Department of Biology, University of Crete, Heraklion, Greece.

Thesis Title: "Demographic history of *Salvia fruticosa* Mill. in Crete based on genomic data within an ecological context".

2018: Integrated Master in Forestry and Management of the Environment and Natural Resources, Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, Orestiada, Greece.

2018: B.Sc. in Forestry and Management of the Environment and Natural Resources, Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, Orestiada, Greece.
Thesis Title: "Aromatic and Medicinal Plants of Central and North Evros Region".

2011: Experimental Music School of Agrinion, Agrinion, Greece.

Ourania Grigoriadou Zormpa

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EXPERIMENTAL TECHNIQUES AND SKILLS

- Good experience in plant samplings.
- Good experience in plant identification.
- Good interpretation of vegetation units and habitat types.
- Experience in extracting essential oils by Clevenger-type apparatus.
- Wetlab experience in extracting DNA from Plant and animal tissues, DNA quantification, ddRAD library preparation after Peterson et al. 2012.
- Bioinformatic experience in R-programming and Python language.
- Software experience (Microsoft Office, QGIS, STRUCTURE).
- Experience in using Stacks program.
- Experience in using Basic Local Alignment Search Tool (BLAST).

PUBLICATIONS

Michael Bariotakis, Luciana Georgescu, Danae Laina, Ioanna Oikonomou, George Ntagounakis, Margarita - Ioanna Koufaki, Maria Souma, Michalis Choreftakis, Ourania Grigoriadou Zormpa, Petr Smykal, George Sourvinos, Christos Lionis, Elias Castanas, Regina Karousou, Stergios A. Pirintsos. From wild harvest towards precision agriculture: Use of Ecological Niche Modelling to direct potential cultivation of wild medicinal plants in Crete, *Science of The Total Environment*, Volume 694, 2019,133681.

JOB EXPERIENCE

2020: Job placement at Helmholtz Centre for Environmental Research - UFZ, Department of Community Ecology, Halle (Saale), Germany.
Traineeship title: Population genomics of plants.

2019: Teaching assistance at University of Crete, Department of Biology, Heraklion, Greece.
Lesson Title: Methods of analysis for physiological processes

2019: Activities at Botanical Garden of University of Crete, Rethimno, Greece.
Plants identification and labeling.

2015: Job placement at Institute of Mediterranean Forest Ecosystems and Forest Products Technology, Athens, Greece.

Training at:

- Forest Pathology Laboratory
- Laboratory of Silviculture, Forest Genetics and Biotechnology

PERSONAL INFORMATION

Nationality: Greek

Date of Birth: 03/04/1993

Marital Status: Single (no children)

Languages: Greek (mother tongue), English (Certificate of Proficiency)

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CORE COMPETENCIES

- Highly motivated with ability of delivering to deadlines.
- Detail-oriented, able to implement protocols, get acquainted with software, program languages and packages.
- Always eager to learn new concepts and tackle challenges.
- Good teammate.
- Good understanding of Health and Safety procedures.

SCIENTIFIC INTERESTS

- Biodiversity conservation.
- Conservation of endangered rare endemic plants.
- Macroecology of plant species.
- Conservation genetics of plant species.
- Community genetics.
- Genetic diversity of natural populations of plants.

FUNDS AND AWARDS

2020: Received funding from the Erasmus+ Program for a 3-month Work Placement at the Helmholtz Centre for Environmental Research - UFZ, Halle (Saale), Germany.

FIELD WORK EXPERIENCE

2019: University research assistant

Samplings of *Phoenix Theophrasti* populations in South Crete for genetic analysis. Collaboration of the Montgomery Botanical Center and the University of Crete, Department of Biology.

2018: Field assistant

Phytosociology research in Mediterranean coastal pine forests. Forest Research Institute

SCIENCE COMMUNICATION

2019: "From Botany Knowledge to Innovation ", Botanical Garden of University of Crete, Rethimno, Greece.

Presentation title: The importance of labeling specimens in botanical gardens in environmental education.

CONFERENCE ATTEDANCE

2019: "The role of the University of Crete in Sustainable Development and Responsible Entrepreneurship in Crete". Heraklion Chamber and University of Crete, Heraklion, Greece.

2018: "Lacustrine ecosystems in Aitolokarnania regional unit - Environmental Risks and Threats". Agrinion Chamber and Lifelong Learning Centre for the Environment and the Sustainability of Thermos, Agrinion, Greece.

2017: 18th Congress of Hellenic Forestry Society & International Workshop, Edessa, Greece.

2017: "Urban environment and sustainable development". Aristotle University of Thessaloniki, Greece.

2016: "Ecosystem services and socio-economic benefits of Mediterranean grasslands". 15th International Meeting of the FAO-CIHEAM Subnetwork on Mediterranean Forages and Fodder Crops, Orestiada, Greece

2014: "Aromatic and Medicinal Plants of Greece: Use, reproduction, cultivation and processing". Administration of Agricultural Economy and Veterinary Medicine of Evros Regional Unit, Orestiada, Greece.

LIFELONG LEARNING

2019: LABORATORY SAFETY seminar

- Laboratory Safety: General Aspects
- Safe Use of Chemicals
- Chemical Waste
- Biosafety