

## COST Action CA18201 ConservePlants

### Report GP 2

Start of Grant Period: 1.5.2020

End of Grant Period: 31.10.2021

#### 1. Meetings

- 3rd ConservePlants MC and associated meetings - On line - 18.11.2020
- Regular Online Meeting of WG1 - 05/03/2021 -
- On-line CG meeting March 21 - 08/03/2021
- Regular WG3 meeting March 2021 - 20/04/2021
- 3rd Meeting of Working Group 2 - 26/04/2021
- 4th MC meeting and associated WG and CG meetings, Bologna - 14/10/2021

#### 2. Organisation of events

- Plant Food-Medicines: Perceptions, Traditional Uses and Health Benefits of Food Botanicals, Mushrooms, and Herbal Teas - 24/02/2021
- Plant Translocation - Theory and Techniques
- Introduction to species distribution modelling: from concepts to applications
- Flower Biology and Pollination Ecology - MODULE I: Concepts and practices

#### 3. Grants

Participant	STSM Title	Host Institution	Participant Institution	Total payment
Alrun Siebenkäs	Influence of habitat and climatic conditions on population dynamics of endangered species	Czech Academy of Sciences	Helmholtz Centre for Environmental Research	1 680.00
Solveig Franziska Bucher	Plant ecophysiology as a tool to judge the success of ex situ conservation – a case study of <i>Minuartia smejkalii</i>	Czech Academy of Science	Friedrich Schiller University	2 100.00
Mohamad Ali El Chami	Genetic and genomic approaches in the conservation of chestnut	Aristotle Univeristy of Thessaloniki	Universidad De Cordoba	3 500.00
Cristiane Forgiarini da Silva	The evolutionary rescue of <i>Minuartia smejkalii</i> using private gardens in the Czech Republic	Institute of Botany, Czech Academy of Science	Sibelius Limited	2 200.00
Meleksen Akin	Genetic and genomic approaches in plant conservation	Aristotle Univeristy of Thessaloniki	Iğdır University	2 500.00
Nina Loncarevic	Overview and analysis of existing conservation policy documents	University of Primorska	Environment Programme	2 000.00
Aida Dervishi	Population genetic tools for studying of	Universität Kassel, AG	University of Tirana	1 250.00

	rare species	Botanik		
Ali Murat Gulsoy	Population genetic tools for studying of rare species	AG Botanik Universität Kassel	Central Anatolian Forestry Research Institute	1 175.00
Baiba Pruse	Local ecological knowledge on wild plant applications across the local communities in Iceland	Icelandic Institute of Natural History	Università Ca' Foscari	2 475.00
Kaspars Goba	Traditional farming and the link with endangered plant conservation	Icelandic Institute of Natural History	University of Latvia	1 222.50
Stef Haesen	Quantifying the effect of climate change on threatened forest plant species by incorporating microclimatic data into species distribution models.	Université de Picardie Jules Verne	KU Leuven	3 050.00
Sissi Lozada Gobilard	Children's book as a strategy for plant conservation	Divulgare Lab	Botanical Garden, Tel Aviv University	2 500.00

### 3 ITC conference grants - total 909 EUR

- Sissi Lozada Gobilard - Potential risk of interspecific hybridization in ex situ collections; online
- Dr Meleksen Akin - In Vitro Biology Meeting 2021; online
- Iris Reinula - BES Festival of Ecology; online

### 4. Publications within GP2

- El Chami, M. A., Tourvas, N., Kazakis, G., Kalaitzis, P., & Aravanopoulos, F. A. (2021). Genetic Characterisation of Chestnut Cultivars in Crete. *Forests*, 12(12), 1659.
- Fišer, Ž., Aronne, G., Aavik, T., Akin, M., Alizoti, P., Aravanopoulos, F., ... & Zippel, E. (2021). ConservePlants: An integrated approach to conservation of threatened plants for the 21st Century. *Research ideas and outcomes*, 7, 1-29.
- Kosič, D., Zečić, E., Balant, M., Glasnović, P., Fišer, Ž., Jovičević, M., ... & Surina, B. (2021). Phytosociology, ecology and conservation status of (*Lamiaceae*), a narrow endemic of Eastern Adriatic. *Hacquetia*, 20(1), 91-106.
- Rojas-Nossa, S. V., Sánchez, J. M., & Navarro, L. (2021). Nectar robbing and plant reproduction: an interplay of positive and negative effects. *Oikos*, 130(4), 601-608.
- Zhu, J., Hrušková, K., Pánková, H., & Münzbergová, Z. (2021). Quantifying patch-specific seed dispersal and local population dynamics to estimate population spread of an endangered plant species. *Ecology and evolution*, 11(20), 14070-14078.
- Lozada-Gobilard, S., Pánková, H., Zhu, J., Stojanova, B., & Münzbergová, Z. (2020). Potential risk of interspecific hybridization in ex situ collections. *Journal for Nature Conservation*, 58, 125912.
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### 5. Dissemination

- Andrea Francesca Bellia & Sandro Lanfranco (2020) Dangerous beauties: are complex flowers a fast track to extinction?
- Andrea Francesca Bellia & Sandro Lanfranco (2020) Life on the Edge (University of Malta News Portal, and Times of Malta)
- Stephanie Fsadni (2020) Clinging onto biodiversity: how Malta's cliff species survive (Times of Malta)



- Andrea Francesca Bellia & Sandro Lanfranco (2020) The COST of COVID-19 (COST-EU, University of Malta News Portal, Maltese Newspapers Times of Malta and Malta Today)
- ConservePlants - A newly established network for the conservation of European threatened plants. A regional contribution to GSPC implementation. (2020) BGjournal 17(2):47-49.
- Jasmin Joshi, Andreas Ensslin, Deborah Schäfer, Alex Widmer (2020) ConservePlants - ein Netzwerk zum Schutz europäischer Wildpflanzen. Praxis / Pratique
- Participation to the Researchers' European night. Event and lab entitled: "Pollination Power! Alla scoperta degli impollinatori e dei loro fiori preferiti"
- UniboMagazine: "Due giornate a Bologna sulla conservazione delle piante" (press release based on Sandro Lanfranco's text "when the grass dies"); <https://magazine.unibo.it/archivio/2021/10/29/due-giornate-a-bologna-sulla-conservazione-delle-piante>
- Booklet about CITES plants
- Video about conservation of threatened plants