

COST Action CA18201 ConservePlants

Report GP 5

Start of Grant Period: 1.11.2023

End of Grant Period: 14.4.2024

1. Meetings

- Finalisation of conservation actions activity with analysis - 4-6.12.2023, 4 participants
- 7th MC meeting - 22.1.2024 - 38 participants
- WG5 writing group meeting - 21-22.11.2023 - 6 participants

2. Organisation of events

- International best practices guidelines for species conservation - 13-15.12.2023 - 8 participants
- ConservePlants Final Conference and Core Group Meeting - 12-14.2.2024 - 64 participants

3. Grants

| Participant | STSM Title | Host Institution | Participant Institution | Total payment |
|------------------|---|------------------|-------------------------|---------------|
| Dhimiter Peci | The application of flow cytometry to plant conservation | Albania | University of Tirana | 1800.00 |
| Maja Lazarevic | Database on the Conservation actions on threatened plant species in Europe – analysis and the overview of the results | Serbia | University of Belgrade | 1500.00 |
| Ana Afonso | Unveiling the Pollination Networks of Endangered European Flora: New Perspectives and In-Depth Analyses | Portugal | University of Coimbra | 1500.00 |
| Giulio Zangari | An integrated taxonomic approach as tool for the assessment of two plant species conservation status and their update on the IUC | Italy | University of Camerino | 1500.00 |
| Joaquim Santos | Technical improvements and final adjustments to the interactive platform for European plant conservation actions | Portugal | University of Coimbra | 1500.00 |
| Barberis Marta | Reproductive strategies of the endemic <i>Salvia saccardiana</i> and strength of its reproductive barriers with <i>S. pratensis</i> | Italy | University of Bologna | 1000.00 |
| Aida Dervishi | Statistical and GIS methods used in research concerning plant conservation | Albania | University of Tirana | 1200.00 |
| Anja Deu Janezic | Review of past and current citizen-science projects focusing on plant conservation in Europe | Slovenia | University of Primorska | 1000.00 |
| Ziva Fiser | Biological resource use of threatened plant species in Europe | Slovenia | University of Primorska | 1500.00 |

4. Publications

- Surina, B., Balant, M., Glasnović, P. et al. Lack of pollinators selects for increased selfing, restricted gene flow and resource allocation in the rare Mediterranean sage *Salvia brachyodon*. *Sci Rep* 14, 5017 (2024).
<https://doi.org/10.1038/s41598-024-55344-7>
- Management guidelines of endangered plant species
- Verbylaitė, R.; Aravanopoulos, F.A.; Baliuckas, V.; Juškauskaitė, A.; Ballian, D. Can a Forest Tree Species Progeny Trial Serve as an Ex Situ Collection? A Case Study on *Alnus glutinosa*. *Plants* 2023, 12, 3986.
<https://doi.org/10.3390/plants12233986>
- Peter Glasnović, Edy Fantinato, Gabriella Buffa, André Carapeto, Snežana Dragičević, Živa Fišer, Michael Kiehn, Tiiu Kull, Marcin Klisz, Udayangani Liu, Martina Lužnik, Detlev Metzger, Anastasia Stefanaki, Nina Lončarević. Assessing the national red lists of European vascular plants: Disparities and implications, *Biological Conservation*, Volume 293, 2024, 110568, ISSN 0006-3207, <https://doi.org/10.1016/j.biocon.2024.110568>.
- Bolpagni, Rossano and Adamec, Lubomir and Vecchia, Alice Dalla, Let's Measure "Leaf" Functional Traits of Aquatic Carnivorous Plants: Challenges and Opportunities for Measuring Standardized Traits in Species with an Unusual Morphology. SSRN: <https://ssrn.com/abstract=4749481> or <http://dx.doi.org/10.2139/ssrn.4749481>
- Aavik, T., Reitalu, T., Kaldra, M., Reinula, I., Träger, S., Uuemaa, E., Barberis, M., Biere, A., Castro, S., Cousins, S.A.O., Csecserits, A., Dariotis, E., Fišer, Ž., Grzejszczak, G., Huu, C.N., Hool, K., Jacquemyn, H., Julien, M., Klisz, M., Knoch, A., Krigas, N., Lengyel, A., Lenhard, M., Moges, D.M., Münzbergová, Z., Niinemets, Ü., Odé, B., Pánková, H., Pärtel, M., Pätsch, R., Petanidou, T., Plue, J., Puchałka, R., Rienks, F., Samartzia, I., Sheard, J.K., Stojanova, B., Töpfer, J.P., Tsoktouridis, G., Uzunov, S. & Zobel, M. A pan-European citizen science study reveals factors related to biased morph ratios in *Primula veris* (submitted to *Journal of Ecology*, JEcology-2024-0353)

5. Dissemination

- Modification of the design of Children's books into different languages
- Booklet National flagship CITES plant species across Europe: <https://www.hippocampus.si/ISBN/978-961-293-324-1.pdf>
- Booklet Endangered plants important for selected European countries: <https://www.hippocampus.si/ISBN/978-961-293-325-8.pdf>