

## Project Update: June 2020

From 21<sup>st</sup> – 26<sup>th</sup> October 2019 we participated in the “Training School on Diversity and development of phytocoenological databases and using of different numerical methods for analysis of vegetation data” in Sofia (Bulgaria).



Figure 1. Excursion for participants to Vitosha Nature Park

This was an ideal opportunity for Southeast European researchers and those interested in the forest vegetation of this area to share their experience, research and ideas. Cost Action was attended by scientists, researchers and students where we acquired knowledge about data processing and analysis. For more information about please follow the link: <https://converges.eu/events/training-school-on-phytocoenological-databases-21-26-october-2019-sofia-bulgaria/>

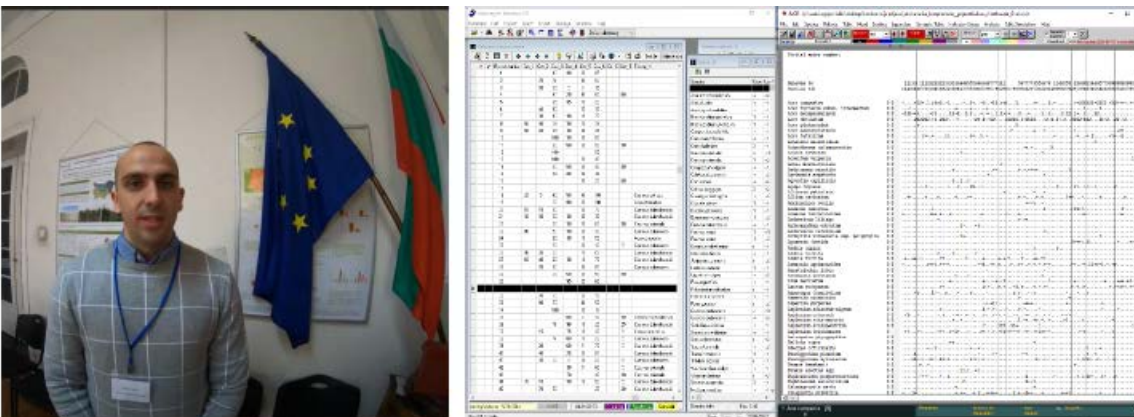


Figure 2. Left: Presenting the Rufford project on Bulgarian Academy of Sciences Right: Data processing and analysing on the Turboveg/Juice

In November 2019, we were invited to be participants in the IUCN Red List Assessor Training Workshop held in Sarajevo. The aim of this training was to prepare participants for the revision and development of comprehensive and clear red lists at the national, regional and global levels, through training on the application of red list categories and criteria (IUCN). More details are located at:

<http://sf.unibl.org/index.php/lat/aktuelno/vijesti/1600-iucn-trening-za-procjenitelje-crvenih-listi>

<https://www.mycobh.com/iucn-trening-radionica/>

In this way we were introduced to all the interested parties in our country about activities of the project and prepared for the assessment of threat status (regarding the national red list) of some endemic and rare vascular plants of the study area.



Figure 3. IUCN Red List Assessment Workshop

From mid-April to June 2020, we visited the permanent sample plots due a spring aspect of vegetation. In the study area we recorded new and interesting findings of the endemic, endangered and rare vascular species (Figure 4): *Acer intermedium* Pančić., *Ruscus hypoglossum* L., *Symphyandra hofmannii* Pant., *Pseudofumaria alba* subsp. *leiosperma* (P. Conrath.) Lidén, *Carex depauperata* With., *Asparagus tenuifolius* Lam., *Allium* sp., *Lilium martagon* L., *Convallaria majalis* L., *Limodorum abortivum* (L.) Sw., *Cephalanthera longifolia* (L.) R. M. Fritsch, *Orchis simia* Lam., *Orchis purpurea* Huds., *Platanthera bifolia* (L.) Rich.

Also, winter heath (*Erica carnea* L.) has a relict character being well adapted to extreme habitats such as deep limestone canyons of Ugar and Crna Rijeka. New findings of this species can be seen in the paper on link below:

<http://glasnik.sf.unibl.org/index.php/gsfbl/article/view/215/201>



Figure 4. Endemic, endangered and rare vascular species on the study area

According to project plan, we stored the plants from the fieldwork into Herbarium of Faculty of Forestry and it will be available in the future for whole scientific community and especially for the students as a great opportunity for them to introduce with diagnostic and relict species of habitat type of Tilio-Acerion forests.



Figure 5. Archived plant material into Herbarium of Faculty of Forestry