

Project Update: May 2019

As planned in project, we continued with our presentations and workshops in high schools in February 2019. We visited two more high schools. Before presenting our work we gave pupils a survey form that generated the following results (results are summed for two high schools):

- 100% have never heard of the Rufford Foundation.
- 27% did not know that *Galanthus nivalis* L. is endangered species in Vrbas canyon.
- 50% knew what relict species is.
- 82% have never heard of the IUCN categories.
- 55% confirmed that their local community is not well informed about real ecological state in Vrbas canyon.

After our presentation we gave pupils another survey in order to see an impact of our presentation with the following results:

- 90% knew that Rufford supports projects in developing countries.
- 100% knew that *Galanthus nivalis* L. is an endangered species in Vrbas canyon.
- 82% knew what a relict species is.
- 100% marked Vrbas canyon as refugium habitat.
- 91% concluded that one of the goals of this project is to introduce local community to endangered and vulnerable plant species from Vrbas canyon and with importance of preservation of these species.

Based on these results we can again see an influence that we made with our project and presentation on pupil knowledge and ecological awareness. At the end of our presentation we have given t-shirts with Rufford logo to pupils.

We decided to visit certain localities of our terrain route in March 2019, which was not plan of the project. As temperature increase happened suddenly in March 2019 we realised that some plants can be flowering in this period and that they will not be in flower in April 2019. We have found *Galanthus nivalis* L. in flower and *Adiantum capillus-veneris* L.

We visited terrain four days in April 2019 as planned. Opposite to March 2019 it was difficult to find days with good weather conditions. We have found two species: *Ruscus aculeatus* L. and *Orchis purpurea* Huds on our route. *Ruscus aculeatus* L was present with numerous samples, while *Orchis purpurea* Huds was present with few samples.

We have again found a lot of garbage in Vrbas canyon which is obviously an alarm that something should be done to prevent this type of nature contamination.



Left: Renata Ališić Vujčić, presenting project in SC Gaudeamus, Banja Luka. Right: Renata Ališić Vujčić, presenting project in Grammar school, Banja Luka.



Left: Tanja Marić presenting our project in Grammar school, Banja Luka. Right: Tanja Marić presenting our project in SC Gaudeamus, Banja Luka.



Left: *Adiantum capillus-veneris* L. Right: *Orchis purpurea* Huds.



Left: *Ruscus aculeatus* L. Right: *Galanthus nivalis* L.



MAY 13 - 19		HI/LO	PRECIP
MON 5/13	 12°/9°	60%	A shower and t-storm around
TUE 5/14	 14°/9°	65%	Periods of rain; cool
WED 5/15	 14°/7°	74%	A little morning rain; cloudy
THU 5/16	 17°/6°	55%	A little afternoon rain
FRI 5/17	 16°/6°	25%	Clouds and sunshine
SAT 5/18	 23°/12°	58%	Warmer; a touch of a.m. rain
SUN 5/19	 25°/13°	1%	Partial sunshine
MAY 20 - 26		HI/LO	PRECIP

Rufford
 Vrsta *Galanthus nivalis*
 Familija *Amoryllidaceae*
 Lokalitet *Kopača na Vrbanj*
 Datum *16.03.2019.* Leg. *S. Čibrad*

Left: Herbarium material used in project presentation. Right: Long-term weather forecast.



Garbage in Vrbas Canyon.