

SUMMARY REPORT (MAJ-JULY)

EVALUATION AND PROMOTION OF ENDEMIC PLANT LIFE BIODIVERSITY OF SARAJEVO REGION THROUGH RESEARCH EXCURSIONS

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During three month period we finished our field trips covering six mountains surrounding Sarajevo. Field trips served not only for data and specimen collecting but also for educational purposes. Each field trip was an opportunity for students and other enthusiasts to participate and learn new skills.

MT. INCLUDED INTO

INVESTIGATION: Ozren, Trebević, Bjelašnica, Igman, Jahorina and Visočica

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Achillea abrotanoides</i>	<input checked="" type="checkbox"/>	Bjelašnica		
<i>Achillea lingulata</i>	<input checked="" type="checkbox"/>	Jahorina		
<i>Aconitum lycoctonum</i> ssp. <i>vulparia</i>	<input checked="" type="checkbox"/>	Jahorina	Very toxic plant!	

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Alchemilla plicatula</i>	<input type="checkbox"/>	Bjelašnica		
<i>Anemone nemorosa</i>	<input type="checkbox"/>			
<i>Antennaria dioica</i>	<input type="checkbox"/>	Jahorina		
<i>Anthyllis vulneraria ssp. alpestris</i>	<input checked="" type="checkbox"/>	Ozren; Trebević, Jahorina, Bjelašnica, Igman		
<i>Arctostaphylos uva-ursi</i>	<input checked="" type="checkbox"/>	Trebević; Bjelašnica	Due to medicinal properties of this species (use as a remedy for kidney problems) extensive collecting is a great issue for conservation and protection of this species	

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Armeria canescens</i>	<input type="checkbox"/>	Bjelašnica		
<i>Astrantia carniolica</i>	<input type="checkbox"/>	Trebević		
<i>Astrantia major</i>	<input type="checkbox"/>	Trebević; Bjelašnica		
<i>Azarum europaeum</i>	<input type="checkbox"/>			
<i>Campanula scheuchzeri</i>	<input checked="" type="checkbox"/>	Jahorina		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Cerinth glabra</i>	<input type="checkbox"/>			
<i>Cirsium eriophorum</i>	<input type="checkbox"/>	Jahorina, Visočica		
<i>Coeloglossum viride</i>	<input type="checkbox"/>	Bjelašnica		
<i>Crocus vernus</i>	<input checked="" type="checkbox"/>			

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Dactylorhiza incarnata</i>	<input type="checkbox"/>	Trebević		
<i>Daphne mezereum</i>	<input checked="" type="checkbox"/>			
<i>Dianthus barbatus</i>	<input type="checkbox"/>	Bjelašnica		
<i>Dianthus deltoides</i>	<input type="checkbox"/>	Trebević; ozren; Bjelašnica		
<i>Dianthus giganteus ssp. croaticus</i>	<input type="checkbox"/>	Bjelašnica		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Dianthus petraeus</i>	<input checked="" type="checkbox"/>	Trebević; Dariva		
<i>Dianthus superbus</i>	<input checked="" type="checkbox"/>	Jahorina	This species can only be found on Jahorina Mt. The population is large, but due to strict and small areal protection and conservation of this species is of most importance	
<i>Dianthus sylvestris</i>	<input checked="" type="checkbox"/>	Bjelašnica		
<i>Digitalis grandiflora</i>	<input type="checkbox"/>			
<i>Edraianthus jugoslavicus</i>	<input checked="" type="checkbox"/>	Trebević		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Edraianthus serpyllifolius</i>	<input checked="" type="checkbox"/>	Bjelašnica	Small population in area of alpine grasslands. Needs protection!	
<i>Erigeron glabratus</i>	<input type="checkbox"/>	Bjelašnica	Very small population, composed out of few individuals	
<i>Galanthus nivalis</i>	<input checked="" type="checkbox"/>			
<i>Gentiana acaulis</i>	<input checked="" type="checkbox"/>	Bjelašnica, Ozren		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Gentiana lutea</i>	<input checked="" type="checkbox"/>	Bjelašnica	Endangered plant due to extensive collecting for its root as a healing substrate. Needs protection. Population on Mt. Bjelašnica is very small consisting of few flowering individuals and few non-flowering offspring	
<i>Gentiana utriculosa</i>	<input type="checkbox"/>	Bjelašnica, Ozren; Visočica		
<i>Gentianella ciliata</i>	<input type="checkbox"/>	Ozren		
<i>Gentianella crispata</i>	<input type="checkbox"/>	Ozren		

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<i>Geum rivale</i>	<input type="checkbox"/>	Bjelašnica		
<i>Gymnadenia conopsea</i>	<input type="checkbox"/>	Bjelašnica		
<i>Hieracium villosum</i>	<input type="checkbox"/>	Bjelašnica		
<i>Hypericum montanum</i>	<input type="checkbox"/>	Bjelašnica, Trebević, Jahorina		
<i>Iris bosniaca</i>	<input checked="" type="checkbox"/>	Trebević	Due to small population protection of this species is of great importance	

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Knautia arvensis</i>	<input type="checkbox"/>	Jahorina, Ozren, Trebević, Igman, Bjelašnica, Visočica		
<i>Knautia dinarica</i>	<input checked="" type="checkbox"/>	Trebević		
<i>Knautia sarajevensis</i>	<input checked="" type="checkbox"/>	Jahorina, Ozren, Bjelašnica, Igman		
<i>Lilium bosniacum</i>	<input checked="" type="checkbox"/>	Ozren; Bjelašnica; Jahorina		
<i>Lilium martagon</i>	<input checked="" type="checkbox"/>	Bjelašnica; Jahorina; Ozren; Trebević		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Linum capitatum</i>	<input type="checkbox"/>	Trebević; Bjelašnica; Jahorina		
<i>Linum narbonense</i>	<input type="checkbox"/>	Bjelašnica		
<i>Listera ovata</i>	<input checked="" type="checkbox"/>	Trebević; Igman		
<i>Neotinea ustulata</i>	<input checked="" type="checkbox"/>			

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Orchis morio</i>	☒			
<i>Orchis sambucina</i>	☒			
<i>Paris quadrifolia</i>	☐	Trebević; Bjelašnica; Igman		
<i>Parnassia palustris</i>	☐	Jahorina		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Pedicularis brachydonta</i>	<input type="checkbox"/>	Bjelašnica		
<i>Pedicularis petiolaris</i>	<input type="checkbox"/>	Bjelašnica		
<i>Phyteuma orbiculare</i>	<input type="checkbox"/>	Bjelašnica		
<i>Phyteuma spicatum</i>	<input checked="" type="checkbox"/>	Bjelašnica, Ozren, Trebević		
<i>Polygonum bistorta</i>	<input checked="" type="checkbox"/>	Jahorina	Edible, medicinal plant. Needs protection to avoid its extensive collecting.	

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Polygonum viviparum</i>	<input checked="" type="checkbox"/>	Bjelašnica		
<i>Pyrola minor</i>	<input type="checkbox"/>	Bjelašnica		
<i>Ranunculus scutatus</i>	<input type="checkbox"/>	Bjelašnica		
<i>Saxifraga paniculata</i>	<input type="checkbox"/>	Trebević; Ozren		
<i>Scabiosa leucophylla</i>	<input checked="" type="checkbox"/>	Ozren, Bjelašnica, Igman, Jahorina, Trebević, visočica		

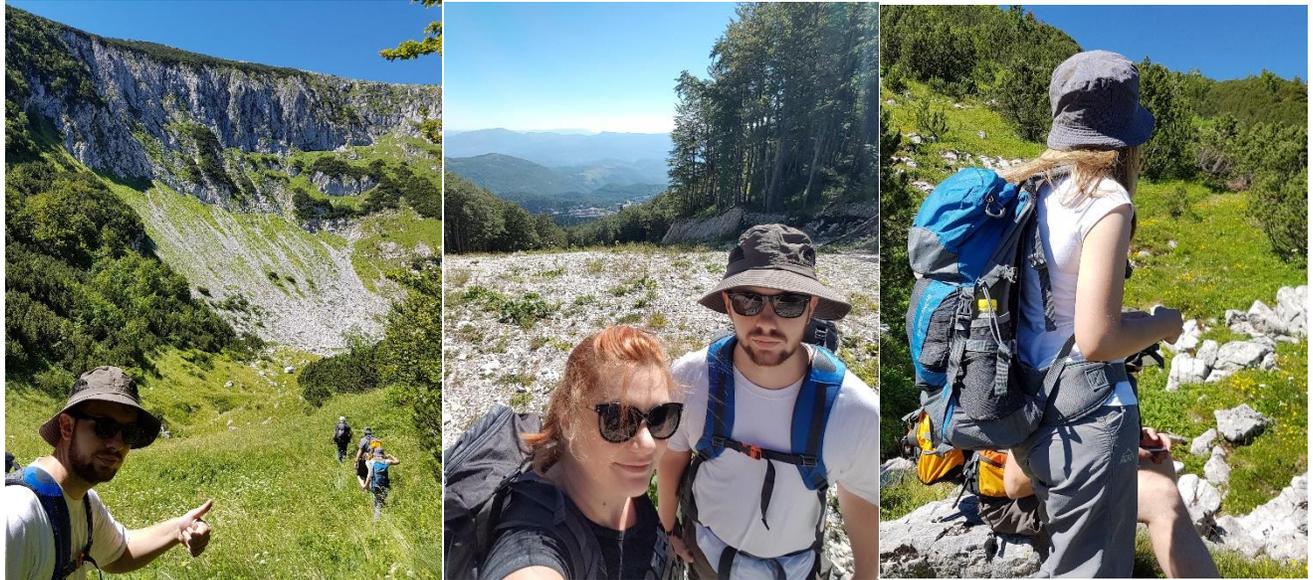
PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Scabiosa silenifolia</i>	<input checked="" type="checkbox"/>	Bjelašnica		
<i>Scilla bifolia</i>	<input type="checkbox"/>			
<i>Scorzonera purpurea</i>	<input type="checkbox"/>	Bjelašnica, Jahorina, Ozren		
<i>Senecio rupestris</i>	<input type="checkbox"/>	Bjelašnica		
<i>Seseli libanotis</i>	<input checked="" type="checkbox"/>	Jahorina		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Silene sendtneri</i>	<input checked="" type="checkbox"/>			
<i>Sisyrinchium montanum</i>	<input checked="" type="checkbox"/>	Bjelašnica	Very small number of individuals!	
<i>Solidago virgaurea</i>	<input type="checkbox"/>	Jahorina		
<i>Thesium alpinum</i> L.	<input type="checkbox"/>	Bjelašnica		
<i>Traunsteinera globosa</i>	<input checked="" type="checkbox"/>	Bjelašnica		

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<i>Trifolium alpestre</i>	<input type="checkbox"/>	Trebević; Ozren; Bjelašnica		
<i>Trifolium pannonicum</i>	<input type="checkbox"/>	Trebević; Bjelašnica; Jahorina		
<i>Trollius europaeus</i>	<input checked="" type="checkbox"/>	Bjelašnica		
<i>Valeriana montana</i>	<input checked="" type="checkbox"/>	Bjelašnica		
<i>Valeriana officinalis</i>	<input type="checkbox"/>	Jahorina		

PLANT SPECIES	ENDEMIC AND/OR RARE	LOCATION	NOTES	PHOTO
<i>Verbascum bosnense</i>	<input checked="" type="checkbox"/>	Jahorina		
<i>Veronica jacquini</i>	<input type="checkbox"/>			
<i>Viola elegantula</i>	<input checked="" type="checkbox"/>	Ozren; Trebević; Igman; Bjelašnica		
<i>Viola tricolor</i>	<input checked="" type="checkbox"/>	Jahorina, Ozren, Bjelašnica, Visočica, Igman, Trebević		

Our research excursions were accompanied by several students and plant enthusiasts, even when the weather conditions were not in our favour.



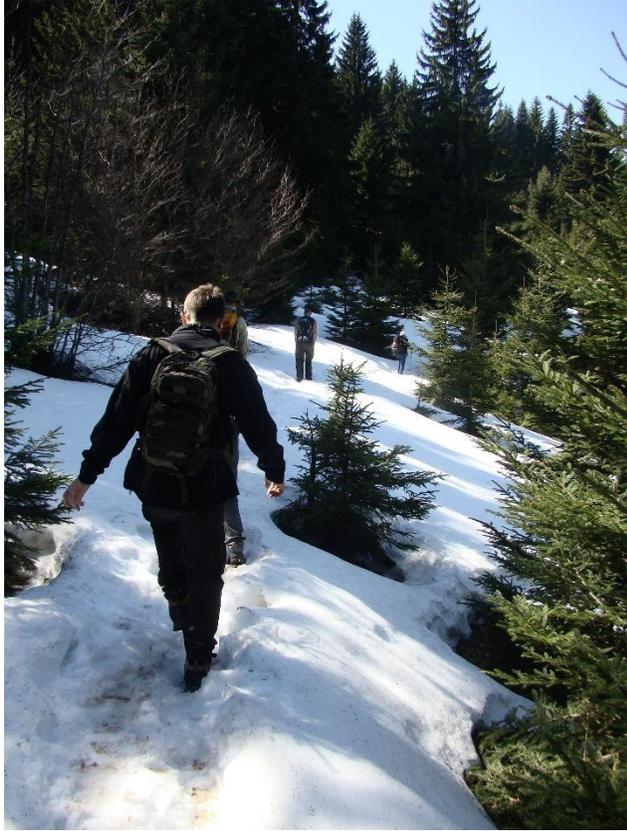
Bjelašnica – Kotlovi (altitude 1800 m above sea level)



IGMAN- Beautiful vegetation and virgin forest; but unfortunately overcrowded by people



Mt Ozren (Spring/Summer)



Trebević – wind and rain could not stop us ☺



Jahorina (Cold wave; 6 °C in beginning of July)



Visočica – due to the heat wave (called Lucifer) and temperatures above 40 °C during mid and end of July vegetation on Visočica was completely dried out, only few plants were recorded



We also visited **Dariva**; a vegetation “refugium” in down town of Sarajevo.

