

## Annex 1

Table 22 *Vegetation scheme - types of communities: Protected landscape "Vjetrenica Popovo polje"*

<b>QUERCETEA PUBESCENTIS</b> Doing-Kraft ex Scamoni et Passarge 1959 – <b>thermophilic deciduous forests and thickets</b>		
-		<i>Quercetalia pubescenti-petraeae</i> Klika 1933 - thermophilic and deciduous forests and cutters
-	-	<i>Carpinion orientalis</i> Horvat 1958 - forests of limestone and shrubs whitehornbeam Annex I HD: 91AA - high forests only) This connection includes thermophilic forests of meadowsweet and shrubs whiteflies, as their degradation stage. They are very polymorphic and variable over the whole area and cover the largest expanse. In the lower areas from Zavala to Orahovo dol are typical Mediterranean forests of medunca and white hornbeam with evergreens elements <i>Quercus pubescenti-Carpinetum orientalis</i> Horvatić 1939 and their degradation stage of white-throated shrub <i>Ruscus aculeatus</i> <i>Carpinetum orientalis</i> Blečić et Lakušić 1967. On higher and flatter positions of the area where the settlements of Golubinac, Belenidi and Kiev lie large expanses cover the forests of medunca without white hornbeam, which belong to the association <i>Seslerio autumnalis-Quercetum pubescentis</i> Zupančić 1999, while steeper parties with pronounced rockiness occupy the groves of medunca and black hornbeam of the association <i>Aristolochio luteae-Quercetum pubescentis</i> (Horvat 1959) Poldini 2008.
<b>CRATAEGO-PRUNETEA</b> Tx. 1962 - <b>shrubs of the temperate and sub-Mediterranean belt</b>		
-		<i>Paliuretalia</i> Trinajstić 1978 – pseudoshrubs and shrubs of SE Europe
-	-	<i>Paliuro-Petterion</i> P. Fukarek 1962 - thorns and thistle bushes endemic submediterranean shrubs of the Dinarides with tulle and thorns they are represented sporadically in the study area around the permanent ones settlements Češljari, Orahov to and fragmentarily and in higher areas, as a succession stage of the former vast pastures in progradation.
<b>MOLINIO-ARRHENATHERETEA</b> Tx. 1937 - <b>wet meadows and pastures</b>		
-		<b>Trifolio-Hordeetalia</b> Horvatić 1963 - wet flooded meadows of the Apennines and Balkans
-	-	<i>Molinio-Hordeion secalini</i> Horvatić 1934 – Balkan submediterranean wet meadows (Annex I HD: 6540) This endemic association of the karst fields of the Dinarides is represented below Čvaljine and Zavala, in the part of Popovo polje that is surrounded by the border protected area Vjetrenica. These meadow meadows used to be occupied much larger space, and the lack of mowing in recent decades they have been in healing towards hygrophilous bushes and shrubs. In this part of these meadows show transitional character according to the South Balkan connection <i>Trifolion resupinati</i> , with only clover <i>Trifolium resupinatum</i> dominates in the spring aspect vegetation.

<b>FESTUCO-BROMETEA No.-Bl. et Tx. ex Soó 1947 - dry and steppe grasslands</b>		
-		<i>Scorzoneretalia villosae</i> Kovačević 1959 - dry steppe grasslands sub-Mediterranean (Annex I HD: 62A0)
-	-	<i>Chrysopogono grylli-Koelerion splendidis</i> Horvatić 1973 – Illyrian submediterranean rocky grasslands on shallow carbonate land
-	-	<i>Saturejion subspicatae</i> Tomić-Stanković 1970 – Dinaric submediterraneanmontana rocky grasslands on shallow soils Thermophilic and xerophilous sub-Mediterranean rocky grasslands, mainly abandoned pastures, were formerly widespread, and today are developed only partially and fragmentarily in the form of patches on the whole area. In the zone of oak forests zone with Mediterranean elements associations from the <i>Chrysopogono grylli-Koelerion</i> association are often present splendidis: <i>Stipo-Salvietum officinalis</i> , <i>Asphodelo-Chrysopogonetum grylli</i> and <i>Carici-Centaureetum rupestris</i> , while in higher positions above 500 m develops the association <i>Festuco-Koelerietum splendidis</i> from fresh <i>Saturejion subspicatae</i> .
<b>QUERCETEA ILICIS Br.-Bl. ex A. Bolòs and O. de Bolòs in A. Bolòs and Vayreda 1950 – holm oaks and macchia (Annex I HD: 9430)</b>		
-		<i>Quercetalia ilicis</i> Br.-Bl. ex Molinier 1934 - holm oak forests and maquis
-	-	<i>Fraxino orni-Quercion ilicis</i> Biondi, Casavecchia et Gigante in Biondi et al. 2013 - evergreen and semi-deciduous forests and central macchia Mediterranean The holm oaks in the area of research are related only to the valley which from Zavala, through Češljar and Orahovo dol, it gravitates towards Croatian coast. In this valley there is a strong penetration of the Mediterranean climate and they are in it present holm oak macchia of rare composition, difficult to pass and fragmented.
<b>ONONIDO-ROSMARINETEA No.-Bl. and A. Bolòs y Vayreda 1950 – Mediteranetum garizi on basic substrates</b>		
-		<i>Cisto-Micromerietalia julianae</i> Oberd. 1954 - Adriatic, Greek and Ionian garrisons
-	-	<i>Cisto cretici-Ericion manipuliflorae</i> Horvatić 1958 - carbonate garizi Dalmatia and Istria These, typically eumediterranean communities are very rare on research area. A fragment of these communities was recorded only on parties of dolomitized limestone in the vicinity of the village of Belenidi, where with the degradation of the medunca forests, the blackness came to the fore ( <i>Erica manipuliflora</i> ), whose composition is transitional according to sub-Mediterranean pastures of <i>Scorzoneretalia villosae</i> .
<b>NERIO-TAMARICETEA No.-Bl. et O. de Bolos 1958 - Riparian shrubs of the Mediterranean and Macaronesia</b>		
-		<i>Tamaricetalia africanae</i> Br.-Bl. et O. de Bolos 1958 - riparian shrubs Mediterranean and Macronesia
-	-	<i>Tamaricion dalmaticae</i> Jasprica in Jasprica et al. 2016 – Adriatic riparian shrubs This Adriatic bundle is represented by hygrophilous shrubs hemp ( <i>Vitex agnus-castus</i> ), which are

		beautifully developed and typical built in the lowest parts of the fields that have long been flooded and remain quite humid throughout the year, which is related to the former bed Trebisnjice and her former dead, which represent depressions in the field in which surface water is retained for a long time.
<b>LYGEO SPARTI-STIPETEA TENACISSIMAE</b> Rivas-Mart. 1978 - <b>Mediterranean rocks pseudostepe</b> (Annex I HD: * 6220)		
-		<b><i>Cymbopogono-Brachypodietalia ramosi</i></b> Horvatić 1963 – Mediterranean rocky pseudostepes
-	-	<b><i>Cymbopogono-Brachypodion ramosi</i></b> Horvatić 1963 - eastern Mediterranean rocky pseudostepes Vegetation of rocky grasslands with tall grasses develops in the zone holm oak forest on grazed grasslands from Zavala to Orahovo dol. They are at the optimum of development already in April and May, while in the early summer for months the habitats look completely dry and poor.
<b>STIPO-TRACHYNIETEA DISTACHYAE</b> S. Brullo and S. Brullo et al. 2001 – <b>Mediterranean therophytic and ephemeral grasslands</b>		
-		<b><i>Ptilostemona stellati-Vulpietalia ciliatae</i></b> Mucina in Mucina, 2016 - central- and eastern Mediterranean annual grasslands on limestone
-	-	<b><i>Vulpia ciliatae-Crepidion neglectae</i></b> Poldini 1989 - semi-ruderal Adriatic and Ionic therophytic grasslands Semi-ruderal low grasslands rich in annual vascular plants are physiognomically similar to the previous ones. Yet their floristic the composition is very different due to the presence of a much larger number of ruderal plants that tolerate intense trampling well and are due and ecologically different from the previous ones. They are represented on the same area and with the previous often alternate.
<b>POLYPODIETEA</b> Jurko et Peciar ex Boscaiu, Gergely et Codoreanu in Ratiu et al. 1966 - <b>vegetation of shaded rocks and walls</b>		
-		<b><i>Ctenidio-Polypodietalia vulgaris</i></b> Jurko et Peciar ex Boscaiu, Gergely et Codoreanu in Ratiu et al. 1966 - vegetation of shaded rocks and walls
-	-	<b><i>Moehringion muscosae</i></b> Horvat et Horvatić ex Boscaiu, Gergely et Codoreanu in Ratiu et al. 1966 - vegetation of shaded limestones rocks of SE Europe This community is represented in fragments throughout the area, a it is especially well developed right next to the cave Vjetrenica, where it occupies north-facing and shaded rocky slopes, a the cold air flowing from Vjetrenica affects and conditions it development.
<b>ASPLENIETEA TRICHOMANIS</b> (Br.-Bl. in Meier et Br.-Bl. 1934) Oberd. 1977 - <b>vegetation of carbonate rock fissures</b> (Annex I HD: 8210)		
-		<b><i>Moltkeetalia petraeae</i></b> Lakušić 1968 - vegetation of limestone rock fissures of the central and southern Dinarides
-	-	<b><i>Edraianthion</i></b> Lakušić 1968 - vegetation of limestone rock fissures mountain belt of the central and southern Dinarides Typical vegetation of limestone rocks of hilly and mountain belts the oromediterranean here is typically developed and occupies the largest areas on rocky slopes and cliffs from Orlovica to Ilija hill and above the monastery of Zavala. On other rocky complexes of smaller one's scale and it is fragmented and atypically developed, with small by the number of typical representatives and forms.

		These hazmophytic communities represent the habitats with the largest number of endemic plant forms and they are a real gem of a protected area, although they are located far from roads and are difficult to access.
<b>DRYPIDETEA SPINOSAE Quézel 1964 - Eastern Mediterranean Limestone vegetation</b>		
-		<i>Drypidetalia spinosae</i> Quézel 1964 - Eastern Mediterranean limestone vegetation (Annex I HD: 8140)
-	-	<i>Peltarion alliaceae</i> Horvatić in Domac 1957 - limestone vegetation of the mountain belt of the central Balkans The vegetation of cuttlefish in the area is very poor and scarce, as they are and the habitats themselves are fragmented and limited. Real sub-Mediterranean sipari are represented only on the steep slopes below the cliffs of Orlovica and Elijah's Hill, and their composition is very poor.
<b>ISÖETO-NANOJUNCETEA No.-Bl. et Tx. in Br.-Bl. et al. 1952 - amphibious vegetation occasionally flooded freshwater shores</b>		
-		<i>Nanocyperetalia</i> Klika 1935 - vegetation of low spikes
-	-	<i>Verbenion supinae</i> Slavnić 1951 - vegetation of low spikes of SE Europe (Annex I HD: * 3170) Amphibious communities that develop in late summer on muddy shores and depressions are recorded very rarely, occupying small surfaces and are not typically developed. They are related to the lowest parts of the field, depressions in the riverbeds of occasional watercourses along Trebišnjica and at the bottom of the former dead and at the bottom of the gravel excavations, which muddied during the high water.
<b>CHENOPODIETEA No.-Bl. in Br.-Bl. et al. 1952 - weed and ruderal vegetation of warmer ends</b>		
-		<i>Brometalia rubenti-tectorum</i> (Rivas Goday et Rivas-Mart. 1973) Rivas-Mart. et Izco 1977 - weed and ruderal vegetation of warmer regions
-	-	<i>Hordeion murini</i> No.-Bl. in Br.-Bl. et al. 1936 - ruderal vegetation Mediterranean Typical ruderal vegetation dominated by therophytes requires constant human intervention and pressure and frequent trampling. In the field research is fragmentarily developed along with larger settlements, and the largest and the most typical stands are located next to the parking lot around the entrance to Vjetrenica.
-		<i>Geranio purpureae-Cardaminetalia hirsutae</i> S. Brullo in S. Brullo et Marceno 1985 - ruderal vegetation of shaded habitats of warmer regions
-	-	<i>Valantio muralis-Galion muralis</i> S. Brullo in S. Brullo et Marceno 1985 - vegetation of shaded walls and forest edges of central and eastern Mediterranean Vegetation of walls with adapted therophytes, hazmophytes and bryophytes are not common in the field of research. It is typically developed on sub-walls along the former railway in the immediate vicinity of the pedina Vanessa.
<b>DIGITARIO SANGUINALIS-ERAGROSTIETEA MINORIS Mucina, Lososova et Šilc 2016 - anthropogenic vegetation rich in grasses</b>		
-		<i>Euphorbietalia prostratae</i> Vicedo et al. 1997 - anthropogenic vegetation intensively trampled habitats

-	-	<b><i>Eragrostio-Polygonion arenastri</i> Couderc et Izco ex Čarni et Mucina 1998</b> - anthropogenic vegetation of intensively trampled habitats Typical intensively trampled ruderal vegetation with very scarce living space is also present in the field of research. These habitats are developed on extremely degraded areas (sidewalks, concrete troughs, roads, etc.), and are rich in neophytes and some invasive plant. They were recorded in the area around restaurant near the cave Vjetrenica, on macadam roads (former railway) and excavations of sand in Popovo polje, which is intensive they also exploit gauze.
<b>ARTEMISIETEA VULGARIS</b> Lohmeyer et al. in Tx. ex von Rochow 1951 – <b>perennial vegetation of ruderal habitats</b>		
-		<b><i>Onopordetalia acanthii</i> Br.-Bl. et Tx. ex Klika et Hadač 1944</b> – ruderal vegetation of short-lived perennials of temperate Europe
-	-	<b><i>Dauco-Melilotion</i> Görs ex Rostanski et Gutte 1971</b> – ruderal vegetation of biennial plants These ruderal and semi-ruderal communities are developing on the former arable land and vineyards in which the water recedes somewhat earlier in the area of Popovo polje almost to the very bed of Trebišnjica. They are very variable in physiognomy and composition, as a rule they are closed and high.
-		<b><i>Carthametalia lanati</i> S. Brullo and S. Brullo et Marceno 1985</b> – ruderal submediterranean vegetation with thorny heads
-	-	<b><i>Onopordion illyrici</i> Oberd. 1954</b> - Balkan sub-Mediterranean ruderal vegetation with thorny heads Ruderal communities of tall herbaceous plants of the sub-Mediterranean developed are in places rich in nitrates, dominated by thorns plants from the cephalopod family and some domesticated species from the families pomodnica and grass. They occupy limited areas in the study area areas around settlements, in addition to landfills, landfills and various excavations and degraded lands.
-		<b><i>Elytrigio repentis-Dittrichietalia viscosae</i> Mucina 2016</b> - semi-ruderal vegetation of southern Europe
-	-	<b><i>Inulo viscosae-Agropyron repentis</i> Biondi et Allegranza 1996</b> - semi-ruderal vegetation of the Balkans and the Apennines These high semi-ruderal grasslands were developed in Popovo polje in shallow, barely visible depressions in which the water is somewhat longer retains than in previous cases, so the vegetation is something hogrofilnija. They are dominated by oman ( <i>Dittrichia viscosa</i> ) and in some places wood wormwood ( <i>Artemisia abrotanum</i> ).

## Annex 2

Table 23 List of typical populations in the area of Vjetrenica-Popovo polje (according to Ozimec and Lučić, 2010)

### A. VJETRENICA, ZAVALA

1. *Scutariella stammeri* Matjašič 1958 (Temnocephalida, Scutariellidae)
2. *Stygodyticola hadzii* Matjašič 1958 (Temnocephalida, Scutariellidae)
3. *Lanzaia vjetrenicae* Kuščer 1933 (Gastropoda, Hydrobiidae)
4. *Zavalia vjetrenicae* Radoman 1973 (Gastropoda, Hydrobiidae)
5. *Vitrea kiliasi* Pinter 1972 (Pulmonata Zonitidae)
6. *Eukoenia remy* Conde 1974 (Palpigradi, Eukoeniidae)
7. *Stalagtia (Stalagtia) hercegovinensis* Nosek 1905 (Araneae, Dysderidae)
8. *Stalitella noseki* Absolon & Kratochvil 1933 (Araneae, Dysderidae)
9. *Tegenaria conveniens* Kulczynski 1914 (Araneae, Agelenidae)
10. *Lephtyphantes spelaeorum* Kulczynski, 1914 (Araneae, Linyphiidae)
11. *Chthonius (C.) occultus* Beier 1939 (Pseudoscorpiones, Chthoniidae)
12. *Neobisium (Blothrus) vjetrenicae* Hadži 1933 (Pseudoscorpiones, Neobisiidae)
13. *Dinaria vjetrenicae* Hadži, 1932 (Laniatores, Travuniidae)
14. *Diacyclops karamani* Kiefer 1932 (Cyclopidae)
15. *Eucyclops inarmatus* Kiefer 1932 (Cyclopidae)
16. *Acanthocyclops troglophilus* Kiefer 1932 (Cyclopidae)
17. *Pseudocypridopsis hartmanni* Petkovski et al., 2009 (Ostracoda, Cyprididae)
18. *Troglocaris hercegovinensis* Babid 1922 (Decapoda, Atyidae)
19. *Troglomysis vjetrenicensis* Stammer 1936 (Mysidacea, Mysidae)
20. *Monolistra (P.a) hercegoviniensis* Absolon 1916 (Isopoda, Sphaeromatidae)
21. *Proasellus hercegovinensis* (S. Karaman 1933) (Isopoda, Asellidae)
22. *Armadillidium absoloni* Strouhal 1939 (Isopoda, Armadillidiidae)
23. *Niphargus balcanicus* (Absolon 1927) (Amphipoda Niphargidae)
24. *Niphargus boskovici* S. Karaman 1952 (Amphipoda Niphargidae)
25. *Niphargus vjeternicensis* S. Karaman 1932 (Amphipoda Niphargidae)
26. *Niphargus trullipes* Sket 1958 (Amphipoda Niphargidae)
27. *Niphargus factor* G. Karaman & Sket 1991 (Amphipoda Niphargidae)

28. *Niphargus cvijici* S. Karaman 1950 (Amphipoda Niphargidae)
29. *Niphargus zavalanus* S. Karaman 1950 (Amphipoda Niphargidae)
30. *Hadzia fragilis* S. Karaman 1932 (Hadziidi, Hadziidae)
31. *Lithobius (T.) sketi* Matic et Darabantu 1968 (Chilopoda, Lithobiidae)
32. *Typhloiulus (A.) edentulus* Attems 1951 (Diplopoda, Julidae)
33. *Plusiocampa (Stygiocampa) remyi* Conde 1947 (Diplura, Campodeidae)
34. *Hadesia vasiceki* (J. Müller 1911) (Coleoptera Cholevidae)
35. *Nauticiella stygivaga* Moravec et Mlejnek 2002 (Coleoptera Cholevidae)
36. *Speonesiotes (S.) schweitzeri* Jeannel 1941 (Coleoptera Cholevidae)
37. *Aphaenopsis (A.) pretneri* Scheibel 1935 (Carabidae, Trechini)
38. *Aphaenopsis (S.) arenstorffianus* Absolon 1913 (Carabidae, Trechini)

Table 24 Overview of the species of underground fauna of the Vjetrenica cave with the threat category

No.	Latin name	IUCN threat category	Threat category according to the FBiH Red List	Habitat Directive (Annex II and IV)	IUCN threats (code)
1.	<i>Adriaphaenopspretneri</i> (Scheibel, 1935)		EN		
2.	<i>Astrobunusdinaricus</i> (Roewer, 1915)		LC		
3.	<i>Congeriakusceri</i> (Bole, 1962)	VU		II, IV	7.2.5., 7.2.7., 9.1.1., 9.1.2., 9.3.3.
4.	<i>Dicranolasmaverhoeffi</i> (Dahl, 1903)		LC		
5.	<i>Dinaromysbogdanovi</i> (Martino, 1922)	VU	VU		
6.	<i>Hierophisgemonensis</i> (Laurenti, 1768)	LC	LC		2.1.3., 2.1.4., 2.3.4., 5.1.3., 9.3.4.
7.	<i>Laciniushorridus</i> (Panzer, 1794)		LC		
8.	<i>Laemostenus (Antisphodrus) cavicola</i> (Schaum, 1858)		VU		

9.	<i>Myotis emarginatus</i> (Geoffroy, 1806)	LC	VU	II, IV	5.1.1., 5.1.3., 6.1., 6.3., 7.1.3., 7.3.
10.	<i>Nelimatroglydites</i> (Roewer, 1910)		LC		
11.	<i>Neotrechussuturalis</i> (Schaufuss 1864)		EN		
12.	<i>Niphargusvjeternicensis</i> (S. Karaman, 1932)		VU		
13.	<i>Opilio dinaricus</i> (Šilhavý, 1938)		LC		
14.	<i>Opilio saxatilis</i> (C.L. Koch, 1839)		LC		
15.	<i>Proteus anguinus</i> (Laurenti, 1768)	VU	EN	II, IV	1.1., 1.3., 2.1., 5.1.1., 5.3.5., 6.1., 9.2.3., 9.3.4.
16.	<i>Rhinolophushipposideros</i> (Bechstein, 1800)	LC	EN	II, IV	7.3., 9.3.4.
17.	<i>Squaliusvallize</i> (Heckel&Kner, 1858)	VU	VU		7.2.8., 7.2.11., 8.1.1., 11.2.
18.	<i>Trogulustorosus</i> (Simon, 1885)		VU		



## Annex 3

Table 25 Overview of endangered status of species for which Vjetrenica is a typical place according to IUCN endangered categories (NA - not assessed, VU - sensitive, EN - endangered, LC - not endangered)

No.	Latin name	Endemic	IUCN threat category
1.	<i>Aphaenopsis (Adriaphaenops) pretneri</i> Scheibel, 1935 (Coleoptera, Carabidae, Trechini)	Endemic to Bosnia and Herzegovina	NA
2.	<i>Armadillidium absoloni</i> Strouhal, 1939 (Crustacea, Isopoda, Armadillidiidae)	Endemic to Bosnia and Herzegovina	NA
3.	<i>Dinaria vjetrenicae</i> (Hadži, 1932) (Laniatores, Travuniidae)	Endemic to Bosnia and Herzegovina	NA
4.	<i>Eukoenia remy</i> Conde, 1974 (Palpigradi, Eukoeniidae)	Endemic to Bosnia and Herzegovina	NA
5.	<i>Lanzaia vjetrenicae</i> Kuščer, 1933 (Gastropoda, Hydrobiidae)	Endemic to the Western Balkans	VU B2ab(iii); D2; ver. 3.1
6.	<i>Lepthyphantes spelaeorum</i> Kulczynski, 1914 (Araneae, Linyphiidae)	Endemic to the Western Balkans	NA
7.	<i>Narentiana vjetrenicae</i> Radoman, 1973 (Gastropoda, Hydrobiidae)	Endemic to Bosnia and Herzegovina	EN B2ab(iii); D2; ver. 3.1
8.	<i>Nauticiella stygivaga</i> Moravec et Mlejnek, 2002 (Coleoptera, Cholevidae, Leptodirini)	Endemic to Bosnia and Herzegovina	NA
9.	<i>Neobisium vjetrenicae</i> Hadži, 1933	Endemic to Bosnia and Herzegovina	NA
10.	<i>Niphargus factor</i> G. Karaman & Sket, 1991 (Crustacea, Amphipoda, Niphargidae)	Endemic to Bosnia and Herzegovina	NA
11.	<i>Niphargus zavalanus</i> S. Karaman, 1950 (Crustacea, Amphipoda, Niphargidae)	Endemic to Bosnia and Herzegovina	NA
12.	<i>Scutariella stammeri</i> Matjašič, 1958 (Temnocephalida, Scutariellidae)	Endemic to Bosnia and Herzegovina	NA
13.	<i>Troglomysis vjetrenicensis</i> Stammer, 1936 (Crustacea, Mysidacea, Mysidae)	Endemic to Bosnia and Herzegovina	NA
14.	<i>Typhloiulus (Attemsotyphlus) edentulus</i> Attems, 1951 (Diplopoda, Julidae)	Endemic to the Western Balkans	NA

Table 26 List of endangered species according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV (Insecta) in the area of Vjetrenica-Popovo polje

<b>No.</b>	<b>Latin name</b>	<b>IUCN</b>	<b>Habitats Directive</b>
1.	<i>Ammobatoides abdominalis</i> (Eversmann, 1852)	IUCN EN	
2.	<i>Cerambyx cerdo</i> (Linnaeus, 1758)	IUCN VU	HD II and IV
3.	<i>Lucanus cervus</i> (Linnaeus, 1758)	FBiH RL VU	HD II
4.	<i>Gonepteryx cleopatra</i> (Linnaeus, 1758)	FBiH RL VU	
5.	<i>Iolana iolas</i> (Ochsenheimer, 1816)	FBiH RL EN	
6.	<i>Aricia anteros</i> (Freyer, 1838)	FBiH RL EN	
7.	<i>Polyommatus admetus</i> (Esper, 1783)	FBiH RL VU	
8.	<i>Charaxes jasius</i> (Linnaeus, 1767)	FBiH RL VU	
9.	<i>Hipparchia statilinus</i> (Hufnagel, 1766)	FBiH RL VU	

## Annex 4

Table 27 Registered flora with vernacular names, families, endangerment and endemism. Designations and abbreviations: *din* -endemic of the Dinarides; *balc* - endemic to the Balkans; Vulnerability categories: *LC* - lowest degree

No.	Species name	Local name	Family	Endemic	Endangered
1.	<i>Acanthus hungaricus</i> (Borbás) Baen.	Primog	Acanthaceae		
2.	<i>Acer monspessulanum</i> L.	Makljen	Aceraceae		
3.	<i>Acer pseudoplatanus</i> L.	Gorski javor	Aceraceae		
4.	<i>Achillea millefolium</i> L.	Hajdučka trava	Compositae		
5.	<i>Achnatherum calamagrostis</i> (L.) P. Beauv.	Hravapica	Poaceae		
6.	<i>Aegilops neglecta</i> Bertol.	Jajolika ostika	Poaceae		
7.	<i>Aethionema saxatile</i> (L.) W. T. Aiton	Kamnica	Brassicaceae		
8.	<i>Agrimonia eupatoria</i> L. subsp. <i>eupatoria</i>	Petrovac	Rosaceae		
9.	<i>Agrostis stolonifera</i> L.	Troskot	Poaceae		
10.	<i>Ailanthus altissima</i> (Mill.) Swingle	Kiselo drvo	Simaroubaceae		
11.	<i>Aira elegans</i> Roem. & Schult. subsp. <i>elegans</i>	Metlača	Poaceae		
12.	<i>Ajuga chamaepitys</i> (L.) Schreb. subsp. <i>chamaepitys</i>	Žuta ivica	Lamiaceae		
13.	<i>Alisma lanceolatum</i> With.	Uskolisni žabočun	Alismataceae		
14.	<i>Allium flavum</i> L.	Žuti luk	Amaryllidaceae		
15.	<i>Allium sphaerocephalon</i> L. subsp. <i>sphaerocephalon</i>	Okruglasti luk	Amaryllidaceae		
16.	<i>Alopecurus rendlei</i> Eig	Mješinasti repak	Poaceae		
17.	<i>Althaea hirsuta</i> L.	Dlakavi sljez	Malvaceae		
18.	<i>Amaranthus hybridus</i> L.	Mali štir	Amaranthaceae		
19.	<i>Anacamptis morio</i> (L.) R. M. Bateman, Pridgeon & M. W. Chase	Obični kaćun	Orchidaceae		
20.	<i>Anacamptis palustris</i> (Jacq.) R. M. Bateman, Pridgeon & M. W. Chase	Močvarni kaćun	Orchidaceae		
21.	<i>Anacamptis pyramidalis</i> (L.) Rich.	Piramidalni kaćun	Orchidaceae		NT
22.	<i>Anagallis arvensis</i> L.	Vidova trava	Primulaceae		
23.	<i>Anagallis foemina</i> Mill.	Ženski vidac	Primulaceae		
24.	<i>Anchusella cretica</i> (Mill.) Bigazzi & al.	Runjava trava	Boraginaceae		
25.	<i>Anemone apennina</i> L.	Apeninska šumarica	Ranunculaceae		
26.	<i>Anisantha madritensis</i> (L.) Nevski subsp. <i>madritensis</i>	Madridska klasača	Poaceae		

No.	Species name	Local name	Family	Endemic	Endangered
27.	<i>Anisantha sterilis</i> (L.) Nevski	Sterilna klasača	Poaceae		
28.	<i>Anisantha tectorum</i> (L.) Nevski	Krovna klasača	Poaceae		
29.	<i>Anthericum ramosum</i> L.	Vesika	Asparagaceae		
30.	<i>Anthoxanthum odoratum</i> L.	Mirisavka	Poaceae		
31.	<i>Anthyllis vulneraria</i> L. subsp. <i>weldeniana</i> (Rchb.) Cullen	Ilirski ranjenik	Fabaceae		VU
32.	<i>Arabis hirsuta</i> (L.) Scop.	Dlakava gušarka	Brassicaceae		
33.	<i>Arbutus unedo</i> L.	Planika	Ericaceae		
34.	<i>Arenaria leptoclados</i> (Rchb.) Guss.	Pjeskarica	Caryophyllaceae		
35.	<i>Aristolochia clematitis</i> L.	Velika vučja stopa	Aristolochiaceae		
36.	<i>Aristolochia lutea</i> Desf.	Žuta vučja stopa	Aristolochiaceae		
37.	<i>Aristolochia rotunda</i> L.	Okruglasta vučja stopa	Aristolochiaceae		EN
38.	<i>Artemisia abrotanum</i> L.	Drveni pelin	Compositae		
39.	<i>Artemisia vulgaris</i> L.	Divlji pelin	Compositae		
40.	<i>Asparagus acutifolius</i> L.	Šparoga	Asparagaceae		
41.	<i>Asperula aristata</i> L. f. subsp. <i>scabra</i> (J. Presl & C. Presl) Nyman	Dugocvjetna broćika	Rubiaceae		
42.	<i>Asperula purpurea</i> (L.) Ehrend.	Crvena broćika	Rubiaceae		
43.	<i>Asperula scutellaris</i> Vis.	Kamenjarska lazarkinja	Rubiaceae	din	EN
44.	<i>Asphodeline lutea</i> (L.) Rchb.	Zlatoglavica	Xanthorrhoeaceae		
45.	<i>Asphodelus ramosus</i> L.	Čepljez	Xanthorrhoeaceae		
46.	<i>Asplenium adiantum-nigrum</i> L.	Crna sleznica	Aspleniaceae		
47.	<i>Asplenium ceterach</i> L.	Zlatna paprat	Aspleniaceae		
48.	<i>Asplenium trichomanes</i> L.	Sitna paprat	Aspleniaceae		
49.	<i>Asyneuma limonifolium</i> (L.) Janch.	Stjenovita kosica	Campanulaceae		
50.	<i>Avena barbata</i> Link	Divlji ovas	Poaceae		
51.	<i>Avena fatua</i> L.	Divlji ovas	Poaceae		
52.	<i>Bellis perennis</i> L.	Tratinčica	Compositae		
53.	<i>Bellis sylvestris</i> Cirillo	Šumska tratinčica	Compositae		
54.	<i>Berteroa mutabilis</i> (Vent.) DC.	Sivka	Brassicaceae		
55.	<i>Bidens frondosus</i> L.	Dvozub	Compositae		
56.	<i>Blackstonia perfoliata</i> (L.) Huds. subsp. <i>perfoliata</i>	Žuška	Gentianaceae		
57.	<i>Bothriochloa ischaemum</i> (L.) Keng	Rudobrad	Poaceae		
58.	<i>Brachypodium pinnatum</i> (L.) P. Beauv. subsp. <i>pinnatum</i>	Perasta pasjača	Poaceae		
59.	<i>Brachypodium retusum</i> (Pers.) P. Beauv.	Obalna kostrika	Poaceae		

No.	Species name	Local name	Family	Endemic	Endangered
60.	<i>Brachypodium sylvaticum</i> (Huds.) P. Beauv. subsp. <i>sylvaticum</i>	Šumska kostrika	Poaceae		
61.	<i>Briza maxima</i> L.	Velike majčine suze	Poaceae		
62.	<i>Bromopsis erecta</i> (Huds.) Fourr.	Klasača uspravna	Poaceae		
63.	<i>Bromus hordeaceus</i> L.	Obična klasača	Poaceae		
64.	<i>Bromus racemosus</i> L.	Razgranata klasača	Poaceae		
65.	<i>Bromus squarrosus</i> L.	Stršeća klasača	Poaceae		
66.	<i>Bunias erucago</i> L.	Repušac	Brassicaceae		
67.	<i>Bunium alpinum</i> Waldst. & Kit. subsp. <i>montanum</i> (W. D. J. Koch) P. W. Ball	Koporac	Apiaceae		
68.	<i>Bupleurum veronense</i> Turra	Zvinčac	Apiaceae		
69.	<i>Campanula austroadriatica</i> D. Lakušić & Kovačić	Velika zvončika	Campanulaceae	din	NT
70.	<i>Campanula lingulata</i> Waldst. & Kit.	Jezičasti zvončić	Campanulaceae		
71.	<i>Campanula rapunculus</i> L.	Repasti zvončić	Campanulaceae		
72.	<i>Cardamine hirsuta</i> L.	Dlakava režuha	Brassicaceae		
73.	<i>Cardamine graeca</i> L.	Morska režuha	Brassicaceae		CR
74.	<i>Carduus collinus</i> Waldst. & Kit. subsp. <i>cylindricus</i> (Borbás) Soó	Cilindrični stričak	Compositae		
75.	<i>Carduus nutans</i> L. subsp. <i>micropterus</i> (Borbás) Hayek	Veliki stričak	Compositae		
76.	<i>Carduus pycnocephalus</i> L. subsp. <i>pycnocephalus</i>	Morski stričak	Compositae		
77.	<i>Carex cuprina</i> (Heuff.) A. Kern.	Šumska oštrika	Cyperaceae		
78.	<i>Carex distachya</i> Desf.	Oštrica	Cyperaceae		
79.	<i>Carex distans</i> L.	Razmaknuta oštrika	Cyperaceae		
80.	<i>Carex divisa</i> Huds.	Razdijeljena oštrika	Cyperaceae		
81.	<i>Carex divulsa</i> Stokes subsp. <i>divulsa</i>	Zelenkasta oštrika	Cyperaceae		
82.	<i>Carex flacca</i> Schreb. subsp. <i>serrulata</i> (Spreng.) Greuter	Plavičasta oštrika	Cyperaceae		
83.	<i>Carex halleriana</i> Asso	Halerov šaš	Cyperaceae		
84.	<i>Carex humilis</i> Leyss.	Mali šaš	Cyperaceae		
85.	<i>Carex spicata</i> Huds.	Glavičasta oštrika	Cyperaceae		
86.	<i>Carlina corymbosa</i> L.	Vilino sito	Compositae		
87.	<i>Carpinus orientalis</i> Mill.	Kukrika	Corylaceae		
88.	<i>Carthamus lanatus</i> L.	Šfranika	Compositae		
89.	<i>Catapodium rigidum</i> (L.) C. E. Hubb.	Opora tvrdika	Poaceae		
90.	<i>Celtis australis</i> L. subsp. <i>australis</i>	Koprivić	Ulmaceae		

No.	Species name	Local name	Family	Endemic	Endangered
91.	<i>Centaurea deusta</i> Ten	Različak	Compositae		
92.	<i>Centaurea glaberrima</i> Tausch	Goli različak	Compositae	din	EN
93.	<i>Centaurea jacea</i> L. subsp. <i>angustifolia</i> (DC.) Greml	Panonski različak	Compositae		
94.	<i>Centaurea jacea</i> L. subsp. <i>jacea</i>	Obični različak	Compositae		
95.	<i>Centaurea solstitialis</i> L.	Trnoviti različak	Compositae		
96.	<i>Centaurea stoebe</i> L. subsp. <i>australis</i> (A. Kern.) Greuter	Mali različak	Compositae		
97.	<i>Cephalaria leucantha</i> (L.) Roem. & Schult.	Bijela glavatka	Dipsacaceae		
98.	<i>Cerastium brachypetalum</i> Pers.	Mali rožac	Caryophyllaceae		
99.	<i>Cerastium glomeratum</i> Thuill.	Obični rožac	Caryophyllaceae		
100.	<i>Cerastium ligusticum</i> ViV. subsp. <i>trichogynum</i> (Möschl) P. D. Sell & Whitehead	Primorski rožac	Caryophyllaceae	balc	
101.	<i>Chaerophyllum coloratum</i> L.	Šarena krabljica	Apiaceae	din	EN
102.	<i>Chenopodium album</i> L.	Bijela loboda	Chenopodiaceae		
103.	<i>Chondrilla juncea</i> L.	Žuta zvečka	Compositae		
104.	<i>Chrysopogon gryllus</i> (L.) Trin.	Đipovina	Poaceae		
105.	<i>Cichorium intybus</i> L.	Cikorija	Compositae		
106.	<i>Cirsium vulgare</i> (Savi) Ten.	Obični bušin	Compositae		
107.	<i>Cistus creticus</i> L. subsp. <i>creticus</i>	Kretski bušin	Cistaceae		
108.	<i>Cleistogenes serotina</i> (L.) Keng subsp. <i>serotina</i>	Krutovlatka	Poaceae		
109.	<i>Clematis flammula</i> L.	Pavitina	Ranunculaceae		
110.	<i>Clematis vitalba</i> L.	Pavit	Ranunculaceae		
111.	<i>Clematis viticella</i> L.	Velika pavit	Ranunculaceae		
112.	<i>Clinopodium acinos</i> (L.) Kuntze	Gorska metvica	Lamiaceae		
113.	<i>Clinopodium menthifolium</i> (Host) Stace subsp. <i>menthifolium</i>	Divlji bosiljak	Lamiaceae		
114.	<i>Clinopodium nepeta</i> (L.) Kuntze subsp. <i>glandulosum</i> (Req.) Govaerts	Divlji bosiljak	Lamiaceae		
115.	<i>Clinopodium vulgare</i> L.	Čepić	Lamiaceae		
116.	<i>Colchicum autumnale</i> L.	Mrazovac	Colchicaceae		
117.	<i>Colchicum neapolitanum</i> (Ten.) Ten.	Proljetnji mrazovac	Colchicaceae		

No.	Species name	Local name	Family	Endemic	Endangered
118	<i>Colutea arborescens</i> L.	Pucalina	Fabaceae		
119	<i>Convolvulus arvensis</i> L.	Obični slak	Convolvulaceae		
120	<i>Convolvulus cantabricus</i> L.	Kantabrijski slak	Convolvulaceae		
121	<i>Convolvulus elegantissimus</i> Mill.	Lijepi slak	Convolvulaceae		
122	<i>Cornus mas</i> L.	Drijen	Cornaceae		
123	<i>Cornus sanguinea</i> L.	Žestika	Cornaceae		
124	<i>Coronilla scorpioides</i> (L.) W. D. J. Koch	Grohotuša	Fabaceae		
125	<i>Cota segetalis</i> (Ten.) Holub	Prstenak	Compositae		
126	<i>Crataegus monogyna</i> Jacq.	Glog	Rosaceae		
127	<i>Crepis neglecta</i> L.	Mali zečevac	Compositae		
128	<i>Crepis sancta</i> (L.) Bornm.	Zečevac	Compositae		
129	<i>Crocus dalmaticus</i> Vis.	Dalmatinski šafran	Iridaceae	din	EN
130	<i>Crocus tommasinianus</i> Herb.	Tomazinijev šafran	Iridaceae		CR
131	<i>Cupressus sempervirens</i> L.	Čempres	Cupressaceae		
132	<i>Cuscuta campestris</i> Yunck.	Poljska predenjača	Cuscutaceae		
133	<i>Cuscuta epithimum</i> (L.) L.	Obična predenjača	Cuscutaceae		
134	<i>Cyanus segetum</i> Hill	Metljina	Compositae		
135	<i>Cyclamen hederifolium</i> Aiton	Jesenja ciklama	Primulaceae		CR
136	<i>Cynodon dactylon</i> (L.) Pers.	Zubača	Poaceae		
137	<i>Cynosurus echinatus</i> L.	Krestac	Poaceae		
138	<b><i>Cyperus glaber</i></b> L.	Gola oštrika	Cyperaceae		
139	<i>Cyperus longus</i> L.	Duga oštrica	Cyperaceae		
140	<i>Dactylis glomerata</i> L. subsp. <i>glomerata</i>	Jezevica	Poaceae		
141	<i>Dactylis glomerata</i> L. subsp. <i>hispanica</i> (Roth) Nyman	Jezevica primorska	Poaceae		
142	<i>Dasypyrum villosum</i> (L.) P. Candargy	Žitulja	Poaceae		
143	<i>Daucus carota</i> L.	Divlja mrkva	Apiaceae		



No.	Species name	Local name	Family	Endemic	Endangered
144	<i>Deschampsia media</i> (Gouan) Roem. & Schult.	Šitna busika	Poaceae		
145	<i>Dianthus armeria</i> L.	Mali karanfil	Caryophyllaceae		
146	<i>Dianthus sylvestris</i> Wulfen subsp. <i>tergestinus</i> (Rchb.) Hayek	Šumski karanfič	Caryophyllaceae		VU
147	<i>Dioscorea communis</i> (L.) Caddick & Wilkin	Bljušt	Dioscoreaceae		
148	<i>Diplotaxis muralis</i> (L.) DC.	Zidni dvoredac	Brassicaceae		
149	<i>Dittrichia viscosa</i> (L.) Greuter subsp. <i>viscosa</i>	Ljepljivi oman	Compositae		EN
150	<i>Dorycnium pentaphyllum</i> Scop. subsp. <i>germanicum</i> (Gremli) Gams	Svilenasta bjeloglavica	Fabaceae		
151	<i>Echium italicum</i> L.	Lisičji rep	Boraginaceae		
152	<i>Edraianthus tenuifolius</i> (Waldst. & Kit.) A. DC.	Uskolisni zvončac	Campanulaceae	din	LC
153	<i>Eleocharis palustris</i> (L.) R. Br.	Botur	Cyperaceae		
154	<i>Elytrigia atherica</i> (Link) Kerguélen	Primorska pirika	Poaceae		
155	<i>Elytrigia repens</i> (L.) Nevski	Pirika	Poaceae		
156	<i>Ephedra foeminea</i> Forssk.	Kositernica	Ephedraceae		
157	<i>Epilobium tetragonum</i> L.	Vrbolika	Onagraceae		
158	<i>Eragrostis pilosa</i> (L.) P. Beauv.	Dlakava kosmatka	Poaceae		
159	<i>Erica manipuliiflora</i> Salisb.	Pršljenasta crnjuša	Ericaceae		
160	<i>Erigeron annuus</i> (L.) Desf.	Krasolika	Compositae		
161	<i>Erodium cicutarium</i> (L.) L'Hér.	Crvene nožice	Geraniaceae		
162	<i>Erophila verna</i> (L.) Chevall.	Nemoćnica	Brassicaceae		
163	<i>Eryngium amethystinum</i> L.	Plavi kotrljan	Apiaceae		
164	<i>Eryngium campestre</i> L.	Poljski kotrljan	Apiaceae		
165	<i>Euonymus europaeus</i> L.	Kurika	Celastraceae		
166	<i>Euphorbia amygdaloides</i> L.	Šumska mlječika	Euphorbiaceae		
167	<i>Euphorbia chamaesyce</i> L.	Polegla mlječica	Euphorbiaceae		
168	<i>Euphorbia characias</i> L. subsp. <i>wulfenii</i> (Hoppe ex W. D. J. Koch) Radcl.-Sm.	Velika mlječika	Euphorbiaceae		



No.	Species name	Local name	Family	Endemic	Endangered
169	<i>Euphorbia cyparissias</i> L.	Gorac	Euphorbiaceae		
170	<i>Euphorbia falcata</i> L. subsp. <i>falcata</i>	Zakrivljena mlječika	Euphorbiaceae		
171	<i>Euphorbia fragifera</i> Jan	Mirisna mlječika	Euphorbiaceae		VU
172	<i>Euphorbia helioscopia</i> L.	Ruderalna mlječika	Euphorbiaceae		
173	<i>Euphorbia peplus</i> L.	Mala mlječika	Euphorbiaceae		
174	<i>Euphorbia prostrata</i> Aiton	Pjegava mlječika	Euphorbiaceae		
175	<i>Euphorbia spinosa</i> L. subsp. <i>spinosa</i>	Trnovita mlječika	Euphorbiaceae		
176	<i>Ferulago sylvatica</i> (Besser) Rchb.	Šumski komorač	Apiaceae		
177	<i>Festuca illyrica</i> Markgr.-Dann.	Ilirska vlasulja	Poaceae		DD
178	<i>Festuca stricta</i> Host	Obična vlasulja	Poaceae		
179	<i>Ficaria verna</i> Huds. subsp. <i>ficariiformis</i> (Rouy & Foucaud) Sóo	Zlatica	Ranunculaceae		
180	<i>Ficus carica</i> L.	Smokva	Moraceae		
181	<i>Filago pyramidata</i> L.	Piramidalna maljavica	Compositae		
182	<i>Filipendula vulgaris</i> Moench	Suručica	Rosaceae		
183	<i>Frangula rupestris</i> (Scop.) Schur	Krkavina	Rhamnaceae		
184	<i>Fraxinus angustifolia</i> Vahl	Poljski jasen	Oleaceae		
185	<i>Fraxinus ornus</i> L. subsp. <i>ornus</i>	Crni jasen	Oleaceae		
186	<i>Fritillaria messanensis</i> Raf. subsp. <i>gracilis</i> (Ebel) Rix	Tamna kockavica	Liliaceae	din	VU
187	<i>Fritillaria messanensis</i> Raf. subsp. <i>neglecta</i> (Parl.) Nyman	Prugasta kockavica	Liliaceae		
188	<i>Fumana ericoides</i> (Cav.) Gand.	Vrijesasti sunčac	Cistaceae		
189	<i>Gagea pusilla</i> (F. W. Schmidt) Sweet	Malo baloče	Liliaceae		
190	<i>Galanthus nivalis</i> L.	Visibaba	Amaryllidaceae		Annex V
191	<i>Galium aparine</i> L. subsp. <i>aparine</i>	Ljepika	Rubiaceae		
192	<i>Galium corrudifolium</i> Vill.	Svinuti broć	Rubiaceae		
193	<i>Galium firmum</i> Tausch	Žuti broć	Rubiaceae	balc	
194	<i>Galium lucidum</i> All.	Tanki broć	Rubiaceae		

No.	Species name	Local name	Family	Endemic	Endangered
195	<i>Galium palustre</i> L.	Močvarni broć	Rubiaceae		
196	<i>Galium verum</i> L. subsp. <i>verum</i>	Broćika	Rubiaceae		
197	<i>Gastridium ventricosum</i> (Gouan) Schinz & Thell.	Muhić	Poaceae		
198	<i>Geocaryum cynapioides</i> (Guss.) Engstrand	Cvolina	Apiaceae		
199	<i>Geranium columbinum</i> L.	Obični zdravac	Geraniaceae		
200	<i>Geranium dissectum</i> L.	Razdijeljeni zdravac	Geraniaceae		
201	<i>Geranium lucidum</i> L.	Malli zdravac	Geraniaceae		
202	<i>Geranium molle</i> L.	Poljski zdravac	Geraniaceae		
203	<i>Geranium purpureum</i> Vill.	Crvena živa trava	Geraniaceae		
204	<i>Geranium pusillum</i> L.	Mali zdravac	Geraniaceae		
205	<i>Geranium robertianum</i> L.	Živa trava	Geraniaceae		
206	<i>Geranium rotundifolium</i> L.	Okruglasti zdravac	Geraniaceae		
207	<i>Gladiolus illyricus</i> W. D. J. Koch	Gladiola	Iridaceae		NT
208	<i>Hedera helix</i> L.	Bršljan	Araliaceae		
209	<i>Helianthemum nummularium</i> (L.) Mill. subsp. <i>obscurum</i> (Čelak.) Holub	Sunčac	Cistaceae		
210	<i>Helichrysum italicum</i> (Roth) G. Don subsp. <i>italicum</i>	Smilje	Compositae		
211	<i>Heliotropium europaeum</i> L.	Posunac	Boraginaceae		
212	<i>Helleborus hercegovinus</i> Martinis	Hercegovački kukurijek	Ranunculaceae	din	VU
213	<i>Herniaria glabra</i> L.	Gola kilavica	Caryophyllaceae		
214	<i>Hieracium heterogynum</i> (Froel.) Gutermann	Runjika	Compositae	din	
215	<i>Hieracium tommasinianum</i> K. Malý	Tomazinijeva runjika	Compositae		
216	<i>Hippocrepis comosa</i> L.	Kitnjasta potkovica	Fabaceae		
217	<i>Hippocrepis emerus</i> (L.) Lassen subsp. <i>emeroides</i> (Boiss. & Spruner) Lassen	Žuti bagrem	Fabaceae		
218	<i>Hordeum bulbosum</i> L.	Stoklasica	Poaceae		
219	<i>Hordeum murinum</i> L. subsp. <i>leporinum</i> (Link) Arcang.	Divlji ječam	Poaceae		

No.	Species name	Local name	Family	Endemic	Endangered
220	<i>Hypericum perforatum</i> L.	Kantarion	Clusiaceae		
221	<i>Iberis umbellata</i> L.	Tatarsko cvijeće	Brassicaceae		
222	<i>Inula britannica</i> L.	Britanski oman	Compositae		
223	<i>Inula conyzae</i> (Griess.) DC.	Mali oman	Compositae		
224	<i>Inula hirta</i> L.	Dlakavi oman	Compositae		
225	<i>Inula oculus-christi</i> L.	Svilenasti oman	Compositae		
226	<i>Inula verbascifolia</i> (Willd.) Hauskn.	Bjelušina	Compositae		
227	<i>Iris pallida</i> Lam.	Kamenjarska perunika	Iridaceae		DD
228	<i>Iris tuberosa</i> L.	Gomoljasta sabljica	Iridaceae		CR
229	<i>Jacobaea erratica</i> (Bertol.) Fourr.	Razgranjeni dragušac	Compositae		
230	<i>Juglans regia</i> L.	Orah	Juglandaceae		
231	<i>Juniperus oxycedrus</i> L. subsp. <i>oxycedrus</i>	Šmrika	Cupressaceae		
232	<i>Juniperus phoenicea</i> L. subsp. <i>phoenicea</i>	Somina	Cupressaceae		
233	<i>Jurinea mollis</i> (L.) Rchb.	Meka medoglavka	Compositae		
234	<i>Kickxia elatine</i> (L.) Dumort. subsp. <i>crinita</i> (Mabille) Greuter	Dinjica	Plantaginaceae		
235	<i>Kickxia elatine</i> (L.) Dumort. subsp. <i>elatine</i>	Prava dinjica	Plantaginaceae		
236	<i>Knautia integrifolia</i> (L.) Bertol. subsp. <i>integrifolia</i>	Cjelolisna prženica	Dipsacaceae		
237	<i>Koeleria splendens</i> C. Presl	Sjajna smilica	Poaceae		
238	<i>Lactuca serriola</i> L.	Divlja salata	Compositae		
239	<i>Lamium maculatum</i> (L.) L.	Pjegava mrtva kopriva	Lamiaceae		
240	<i>Lamium purpureum</i> L.	Crvena mrtva kopriva	Lamiaceae		
241	<i>Lappula squarrosa</i> (Retz.) Dumort.	Lopušnik	Boraginaceae		
242	<i>Lathyrus aphaca</i> L.	Bezlisni grahor	Fabaceae		
243	<i>Lathyrus setifolius</i> L.	Uskolisni grahor	Fabaceae		
244	<i>Lathyrus tuberosus</i> L.	Gomoljasti grahor	Fabaceae		
245	<i>Lathyrus venetus</i> (Mill.) Wohlf.	Šareni grahor	Fabaceae		

No.	Species name	Local name	Family	Endemic	Endangered
246	<i>Leontodon crispus</i> Vill.	Kudravi goločej	Compositae		
247	<i>Leopoldia comosa</i> (L.) Parl.	Losanje	Asparagaceae		
248	<i>Ligustrum vulgare</i> L.	Kalina	Oleaceae		
249	<i>Linaria microsepala</i> A. Kern.	Mali lanilist	Plantaginaceae		DD
250	<i>Linaria pelisseriana</i> (L.) Mill.	Ljubičasti lanilist	Plantaginaceae		DD
251	<i>Linum nodiflorum</i> L.	Pršljenasti lan	Linaceae		
252	<i>Linum tenuifolium</i> L.	Tankocvjetni lan	Linaceae		
253	<i>Linum trigynum</i> L.	Činovica	Linaceae		
254	<i>Linum usitatissimum</i> L.	Uspravni lan	Linaceae		
255	<i>Lolium perenne</i> L. subsp. <i>perenne</i>	Obični ljulj	Poaceae		
256	<i>Lotus corniculatus</i> L.	Obični zvjezdan	Fabaceae		
257	<i>Lotus tenuis</i> Willd.	Tankolisni zvjezdan	Fabaceae		
258	<i>Luzula forsteri</i> (Sm.) DC.	Forsterova bekica	Juncaceae		
259	<i>Lysimachia nummularia</i> L.	Metiljeva trava	Primulaceae		
260	<i>Malus pumila</i> Mill.	Mala jabuka	Rosaceae		
261	<i>Malva sylvestris</i> L.	Divlja jabuka	Malvaceae		
262	<i>Marrubium incanum</i> Desr.	Bijela marulja	Lamiaceae		
263	<i>Medicago arabica</i> (L.) Huds.	Pjegava lucerka	Fabaceae		
264	<i>Medicago lupulina</i> L.	Vučja lucerka	Fabaceae		
265	<i>Medicago minima</i> (L.) L.	Mala lucerka	Fabaceae		
266	<i>Medicago monspeliaca</i> (L.) Trautv.	Štitkasta lucerka	Fabaceae		
267	<i>Medicago orbicularis</i> (L.) Bartal.	Pužolika lucerka	Fabaceae		
268	<i>Medicago prostrata</i> Jacq.	Polegla lucerka	Fabaceae		
269	<i>Medicago rigidula</i> (L.) All.	Čvrsta lucerka	Fabaceae		
270	<i>Melica ciliata</i> L. subsp. <i>ciliata</i>	Trepljaste majčine suze	Poaceae		
271	<i>Melilotus albus</i> Medik.	Bijeli kokotac	Fabaceae		

No.	Species name	Local name	Family	Endemic	Endangered
272 .	<i>Melilotus indicus</i> (L.) All.	Indijski kokotac	Fabaceae		
273 .	<i>Mentha pulegium</i> L.	Mala metvica	Lamiaceae		
274 .	<i>Mentha spicata</i> L.	Glavičasta metvica	Lamiaceae		
275 .	<i>Mercurialis annua</i> L.	Jednogodišnji prosinac	Euphorbiaceae		
276 .	<i>Micromeria juliana</i> (L.) Benth. ex Rchb.	Ćubar	Lamiaceae		
277 .	<i>Microrrhinum minus</i> (L.) Fourr. subsp. <i>minus</i>	Mala zijevaljka	Plantaginaceae		
278 .	<i>Minuartia mediterranea</i> (Link) K. Malý	Mediteranska mišjakinjica	Caryophyllaceae		
279 .	<i>Misopates orontium</i> (L.) Raf.	Boka	Plantaginaceae		
280 .	<i>Moehringia muscosa</i> L.	Kamenjarska merinka	Caryophyllaceae		
281 .	<i>Moehringia trinervia</i> (L.) Clairv.	Trožilna merinka	Caryophyllaceae		
282 .	<i>Moltkia petraea</i> (Tratt.) Griseb.	Modro lasinje	Boraginaceae	balc	NT
283 .	<i>Morus alba</i> L.	Bijeli dud	Moraceae		
284 .	<i>Muscari neglectum</i> Guss. ex Ten.	Malo losanje	Asparagaceae		
285 .	<i>Myosotis ramosissima</i> Rochel	Mali spomenak	Boraginaceae		
286 .	<i>Nigella damascena</i> L.	Damašćanska crnjika	Ranunculaceae		
287 .	<i>Noccaea perfoliata</i> (L.) Al-Shehbaz	Čestika	Brassicaceae		
288 .	<i>Noccaea praecox</i> (Wulfen) F. K. Mey.	Obična čestika	Brassicaceae		
289 .	<i>Ochlopoa annua</i> (L.) H. Scholz	Mala livadarka	Poaceae		
290 .	<i>Odontites luteus</i> (L.) Clairv. subsp. <i>luteus</i>	Žuta zuboboljka	Orobanchaceae		
291 .	<i>Odontites vulgaris</i> Moench	Obična zuboboljka	Orobanchaceae		
292 .	<i>Oenanthe fistulosa</i> L.	Cjevasta trbulja	Apiaceae		
293 .	<i>Oenanthe pimpinelloides</i> L.	Srbac	Apiaceae		
294 .	<i>Onobrychis viciifolia</i> Scop.	Esparzeta	Fabaceae		
295 .	<i>Ononis spinosa</i> L.	Gladiš	Fabaceae		
296 .	<i>Onopordum illyricum</i> L.	Ilirski badelj	Compositae		
297 .	<i>Ophrys sphegodes</i> Mill.	Pčelica	Orchidaceae		

No.	Species name	Local name	Family	Endemic	Endangered
298	<i>Opopanax chironium</i> (L.) W. D. J. Koch	Zlatocvijeta	Apiaceae		EN
299	<i>Orchis provincialis</i> Balb. ex Lam. & DC.	Žuti kačun	Orchidaceae		
300	<i>Orchis quadripunctata</i> Cirillo ex Ten.	Četverotačkasti kačun	Orchidaceae		
301	<i>Orlaya grandiflora</i> (L.) Hoffm.	Velika moračina	Apiaceae		
302	<i>Ornithogalum gussonei</i> Ten.	Pačje mlijeko	Asparagaceae		
303	<i>Ornithogalum pyramidale</i> L.	Piramidalno pačje mlijeko	Asparagaceae		
304	<i>Ostrya carpinifolia</i> Scop.	Crni grab	Corylaceae		
305	<i>Osyris alba</i> L.	Bijela metla	Santalaceae		
306	<i>Paliurus spina-christi</i> Mill.	Drača	Rhamnaceae		
307	<i>Panicum capillare</i> L.	Vlasasto proso	Poaceae		
308	<i>Papaver rhoeas</i> L. subsp. <i>rhoeas</i>	Mak	Papaveraceae		
309	<i>Parentucellia latifolia</i> (L.) Caruel subsp. <i>latifolia</i>	Zornica	Orobanchaceae		
310	<i>Parietaria judaica</i> L. subsp. <i>judaica</i>	Crkvina	Urticaceae		
311	<i>Paronychia kapela</i> (Hacq.) A. Kern.	Sitna hrskavica	Caryophyllaceae		
312	<i>Paspalum distichum</i> L.	Divlji troskot	Poaceae		
313	<i>Persicaria maculosa</i> Gray	Pjegavi dvornik	Polygonaceae		
314	<i>Petrorhagia prolifera</i> (L.) P. W. Ball & Heywood	Veliki kameničak	Caryophyllaceae		
315	<i>Petrorhagia saxifraga</i> (L.) Link	Stjenoviti kameničak	Caryophyllaceae		
316	<i>Petteria ramentacea</i> (Sieber) C. Presl	Zanovijet	Fabaceae	din	NT
317	<i>Peucedanum coriaceum</i> Rchb. subsp. <i>pospichalii</i> (Thell.) Horvatić	Kožasta pukovica	Apiaceae		EN
318	<i>Phillyrea latifolia</i> L.	Zelenika	Oleaceae		
319	<i>Phleum echinatum</i> Host	Mali lisičji repak	Poaceae		
320	<i>Phleum nodosum</i> L.	Gomoljasti lisičji repak	Poaceae		
321	<i>Phleum phleoides</i> (L.) H. Karst.	Obični lisičji repak	Poaceae		
322	<i>Phlomis fruticosa</i> L.	Gostanka	Lamiaceae		
323	<i>Picris hieracioides</i> L.	Jagušac	Compositae		

No.	Species name	Local name	Family	Endemic	Endangered
324	<i>Pilosella bauhini</i> (Schult.) Arv.-Touv. subsp. <i>bauhini</i>	Žutenica	Compositae		
325	<i>Pimpinella peregrina</i> L.	Oskorušica	Apiaceae		
326	<i>Piptatherum miliaceum</i> (L.) Coss. subsp. <i>miliaceum</i>	Obični šćevar	Poaceae		
327	<i>Piptatherum miliaceum</i> (L.) Coss. subsp. <i>thomasi</i> (Duby) Freitag	Veliki šćevar	Poaceae		
328	<i>Pistacia lentiscus</i> L.	Tršlja	Anacardiaceae		
329	<i>Pistacia terebinthus</i> L. subsp. <i>terebinthus</i>	Smrdljika	Anacardiaceae		
330	<i>Plantago holosteum</i> Scop.	Uskolisna bokvica	Plantaginaceae		
331	<i>Plantago lagopus</i> L.	Mala bokvica	Plantaginaceae		
332	<i>Plantago lanceolata</i> L.	Muška bokvica	Plantaginaceae		
333	<i>Poa bulbosa</i> L.	Jednogodišnja livadarka	Poaceae		
334	<i>Poa compressa</i> L.	Spljoštena livadarka	Poaceae		
335	<i>Poa pratensis</i> L.	Obična livadarka	Poaceae		
336	<i>Poa trivialis</i> L. subsp. <i>sylvicola</i> (Guss.) H. Lindb.	Gomoljasta livadarka	Poaceae		
337	<i>Polycnemum majus</i> A. Braun	Velika jelica	Chenopodiaceae		
338	<i>Polygala nicaeensis</i> W. D. J. Koch	Krestušac	Polygalaceae		
339	<i>Polygonum aviculare</i> L. subsp. <i>aviculare</i>	Dvornik	Polygonaceae		
340	<i>Polypodium cambricum</i> L. subsp. <i>cambricum</i>	Meditersanska slatka paprat	Polypodiaceae		
341	<i>Polypodium vulgare</i> L.	Slatka paprat	Polypodiaceae		
342	<i>Portulaca oleracea</i> L.	Tušt	Portulacaceae		
343	<i>Potentilla hirta</i> L.	Dlakava petoprsta	Rosaceae		
344	<i>Potentilla micrantha</i> DC.	Lažna jagoda	Rosaceae		
345	<i>Potentilla recta</i> L.	Visoka petoprsta	Rosaceae		
346	<i>Potentilla reptans</i> L.	Puzava petoprsta	Rosaceae		
347	<i>Primula veris</i> L. subsp. <i>columnae</i> (Ten.) Lüdi	Jaglac	Primulaceae		
348	<i>Prospero autumnale</i> (L.) Speta	Jesenji procjepak	Asparagaceae		
349	<i>Prunella laciniata</i> (L.) L.	Žučkasta celišnica	Lamiaceae		

No.	Species name	Local name	Family	Endemic	Endangered
350	<i>Prunus mahaleb</i> L.	Rašljika	Rosaceae		
351	<i>Pseudoturritis turrita</i> (L.) Al-Shehbaz	Tornjasta gušarka	Brassicaceae		
352	<i>Pulicaria vulgaris</i> Gaertn.	Businjak	Compositae		
353	<i>Pyrus spinosa</i> Forssk.	Krušvina	Rosaceae		
354	<i>Quercus ilex</i> L.	Crnika	Fagaceae		
355	<i>Quercus pubescens</i> Willd. subsp. <i>pubescens</i>	Medunac	Fagaceae		
356	<i>Ranunculus bulbosus</i> L.	Gomoljasti ljutić	Ranunculaceae		
357	<i>Ranunculus millefoliatus</i> Vahl	Iscjepkani ljutić	Ranunculaceae		
358	<i>Ranunculus neapolitanus</i> Ten.	Napuljski ljutić	Ranunculaceae		
359	<i>Ranunculus repens</i> L.	Puzavi ljutić	Ranunculaceae		
360	<i>Ranunculus sardous</i> Crantz	Poljski ljutić	Ranunculaceae		
361	<i>Raphanus raphanistrum</i> L.	Bridasta rotkva	Brassicaceae		
362	<i>Reseda alba</i> L.	Bijela rezeda	Resedaceae		
363	<i>Rhagadiolus stellatus</i> (L.) Gaertn.	Zvezdasti kosovac	Compositae		
364	<i>Rhamnus orbiculata</i> Bornm.	Okruglolisna krkavina	Rhamnaceae	balc	
365	<i>Rhamnus saxatilis</i> Jacq.	Kamenjarska krkavina	Rhamnaceae		
366	<i>Robinia pseudoacacia</i> L.	Bagrem	Fabaceae		
367	<i>Romulea bulbocodium</i> (L.) Sebast. & Mauri	Dugovača	Iridaceae		EN
368	<i>Rorippa lippizensis</i> (Wulfen) Rchb.	Raznolisni dragušac	Brassicaceae		
369	<i>Rorippa sylvestris</i> (L.) Besser	Šumski dragušac	Brassicaceae		
370	<i>Rosa arvensis</i> Huds.	Mala ruža	Rosaceae		
371	<i>Rosa canina</i> L.	Divlja ruža	Rosaceae		
372	<i>Rosa sempervirens</i> L.	Mediterranska ruža	Rosaceae		
373	<i>Rubus sanctus</i> Schreb.	Divlja kupina	Rosaceae		
374	<i>Rumex crispus</i> L.	Štavelj	Polygonaceae		
375	<i>Rumex pulcher</i> L.	Mali štavelj	Polygonaceae		



No.	Species name	Local name	Family	Endemic	Endangered
376	<i>Rumex sanguineus</i> L.	Šumski štavelj	Polygonaceae		
377	<i>Ruscus aculeatus</i> L.	Veprina	Asparagaceae		VU; Annex V
378	<i>Salix alba</i> L.	Bijela vrba	Salicaceae		
379	<i>Salix euxina</i> I. V. Belyaeva	Krta vrba	Salicaceae		
380	<i>Salix triandra</i> L.	Žbunasta vrba	Salicaceae		
381	<i>Salvia officinalis</i> L. subsp. <i>officinalis</i>	Kadulja	Lamiaceae		
382	<i>Salvia pratensis</i> L. subsp. <i>bertolonii</i> (Vis.) Soó	Livadska kadulja	Lamiaceae		NT
383	<i>Salvia verbenaca</i> L.	Šitnocvjetna kadulja	Lamiaceae		
384	<i>Sanguisorba minor</i> Scop. subsp. <i>balearica</i> (Nyman) Muñoz Garm. & C. Navarro	Dunjica	Rosaceae		
385	<i>Satureja cuneifolia</i> Ten.	Lopatasti vrisak	Lamiaceae		
386	<i>Satureja montana</i> L. subsp. <i>montana</i>	Bijeli vrisak	Lamiaceae		
387	<i>Saxifraga tridactylites</i> L.	Mala kamenjarka	Saxifragaceae		
388	<i>Scandix pecten-veneris</i> L.	Zmijin češalj	Apiaceae		
389	<i>Scilla bifolia</i> L.	Procjepak	Asparagaceae		
390	<i>Scilla lakusicii</i> Šilić	Lakušićev procjepak	Asparagaceae	din	EN
391	<i>Scilla litardierei</i> Breistr.	Poljski procjepak	Asparagaceae	din	VU; Annex II
392	<i>Scirpoides holoschoenus</i> (L.) Soják	Obična glavica	Cyperaceae		
393	<i>Scolymus hispanicus</i> L. subsp. <i>hispanicus</i>	Dragušica	Compositae		
394	<i>Scorzonera villosa</i> Scop. subsp. <i>villosa</i>	Murava	Compositae		
395	<i>Scorzoneroides autumnalis</i> (L.) Moench	Jesenji lavlji zub	Compositae		
396	<i>Scrophularia canina</i> L. subsp. <i>bicolor</i> (Sibth. & Sm.) Greuter	Pasja zjevalica	Scrophulariaceae		
397	<i>Sedum acre</i> L.	Žuti žednjak	Crassulaceae		
398	<i>Sedum hispanicum</i> L.	Španski žednjak	Crassulaceae		
399	<i>Sedum ochroleucum</i> Chaix	Žednjak	Crassulaceae		
400	<i>Sedum sexangulare</i> L.	Kavkaski žednjak	Crassulaceae		
401	<i>Senecio vulgaris</i> L.	Obični kostriš	Compositae		

No.	Species name	Local name	Family	Endemic	Endangered
402	<i>Seseli montanum</i> L. subsp. <i>tommasinii</i> (Rchb. f.) Arcang.	Tomazinijevo devesilje	Apiaceae		
403	<i>Seseli tomentosum</i> Vis.	Pustenasto devesilje	Apiaceae	din	VU
404	<i>Sesleria autumnalis</i> (Scop.) F. W. Schultz	Jesenja šašika	Poaceae		
405	<i>Sesleria juncifolia</i> Suffren	Uskolisna šašika	Poaceae		
406	<i>Setaria pumila</i> (Poir.) Roem. & Schult.	Zeleni muhar	Poaceae		
407	<i>Sherardia arvensis</i> L.	Koljenac	Rubiaceae		
408	<i>Sideritis romana</i> L. subsp. <i>purpurea</i> (Talbot ex Benth.) Heywood	Crveni divlji čaj	Lamiaceae	balc	
409	<i>Sideritis romana</i> L. subsp. <i>romana</i>	Bijeli divlji čaj	Lamiaceae		
410	<i>Silene italica</i> (L.) Pers.	Italijanski pucavac	Caryophyllaceae		
411	<i>Silene latifolia</i> Poir.	Bijeli pucavac	Caryophyllaceae		
412	<i>Silene nutans</i> L.	Mali pucavac	Caryophyllaceae		
413	<i>Silene vulgaris</i> (Moench) Garcke	Pucavac	Caryophyllaceae		
414	<i>Sisymbrium officinale</i> (L.) Scop.	Oranj	Brassicaceae		
415	<i>Smyrniium perfoliatum</i> L.	Lesandra	Apiaceae		
416	<i>Solanum dulcamara</i> L.	Paskvica	Solanaceae		
417	<i>Solanum nigrum</i> L.	Crna pomoćnica	Solanaceae		
418	<i>Solanum tuberosum</i> L.	Krompir	Solanaceae		
419	<i>Solidago virgaurea</i> L.	Zlatica šumska	Compositae		
420	<i>Sonchus asper</i> (L.) Hill subsp. <i>glaucescens</i> (Jord.) Ball	Hrapava gorčika	Compositae		
421	<i>Sonchus oleraceus</i> L.	Gorčika	Compositae		
422	<i>Sorghum halepense</i> (L.) Pers.	Sirak	Poaceae		
423	<i>Stachys officinalis</i> (L.) Trevis.	Ranjenik	Lamiaceae		
424	<i>Stachys recta</i> L.	Uspravni ranjenik	Lamiaceae		CR
425	<i>Stipa eriocalis</i> Borbás	Kovilje	Poaceae		
426	<i>Tanacetum cinerariifolium</i> (Trevir.) Sch. Bip.	Buvač	Compositae	balc	VU
427	<i>Tanacetum corymbosum</i> (L.) Sch. Bip.	Razgranati buvač	Compositae		

No.	Species name	Local name	Family	Endemic	Endangered
428	<i>Taraxacum officinale</i> aggr.	Maslačak	Compositae		
429	<i>Taraxacum paludosum</i> (Scop.) Crépin	Močvarni maslačak	Compositae		
430	<i>Teucrium capitatum</i> L.	Pustenasti dubačac	Lamiaceae		
431	<i>Teucrium chamaedrys</i> L.	Obični dubačac	Lamiaceae		
432	<i>Teucrium flavum</i> L.	Žuti dubčac	Lamiaceae		
433	<i>Teucrium montanum</i> L. subsp. <i>montanum</i>	Iva trava	Lamiaceae		
434	<i>Thalictrum flavum</i> L.	Žuta metljika	Ranunculaceae		EN
435	<i>Thalictrum minus</i> L.	Mala metljika	Ranunculaceae		
436	<i>Thesium ramosum</i> Hayne	Lanak	Santalaceae		
437	<i>Thymus longicaulis</i> C. Presl	Majčina dušica	Lamiaceae		
438	<i>Tordylium apulum</i> L.	Orjašica	Apiaceae		
439	<i>Tordylium maximum</i> L.	Velika orjašica	Apiaceae		
440	<i>Torilis arvensis</i> (Huds.) Link	Poljska čekinjavka	Apiaceae		
441	<i>Trachynia distachya</i> (L.) Link	Dvoklasa pasjača	Poaceae		
442	<i>Tragopogon porrifolius</i> L.	Gorka kozja brada	Compositae		
443	<i>Tragopogon pratensis</i> L. subsp. <i>orientalis</i> (L.) Čelak.	Kozja brada	Compositae		
444	<i>Trifolium angustifolium</i> L.	Uskolisna djetelina	Fabaceae		
445	<i>Trifolium arvense</i> L.	Zečja djetelina	Fabaceae		
446	<i>Trifolium campestre</i> Schreb.	Žuta djetelina	Fabaceae		
447	<i>Trifolium dalmaticum</i> Vis.	Dalmatinska djetelina	Fabaceae	balc	
448	<i>Trifolium dubium</i> Sibth.	Mala žuta djetelina	Fabaceae		
449	<i>Trifolium echinatum</i> M. Bieb.	Zvezdasta djetelina	Fabaceae		
450	<i>Trifolium fragiferum</i> L.	Jagodasta djetelina	Fabaceae		
451	<i>Trifolium hybridum</i> L.	Hibridna djetelina	Fabaceae		
452	<i>Trifolium incarnatum</i> L.	Izdužena djetelina	Fabaceae		
453	<i>Trifolium nigrescens</i> Viv. subsp. <i>nigrescens</i>	Crnkasta djetelina	Fabaceae		

No.	Species name	Local name	Family	Endemic	Endangered
454	<i>Trifolium ochroleucon</i> Huds.	Velika žuta djetelina	Fabaceae		
455	<i>Trifolium pignatii</i> Fauché & Chaub.	Pinjatijeva djetelina	Fabaceae	balc	NT
456	<i>Trifolium pratense</i> L.	Crvena djetelina	Fabaceae		
457	<i>Trifolium resupinatum</i> L.	Lila djetelina	Fabaceae		
458	<i>Trifolium striatum</i> L.	Išarana djetelina	Fabaceae		
459	<i>Trigonella esculenta</i> Willd.	Piskavica	Fabaceae		
460	<i>Tulipa sylvestris</i> L. subsp. <i>sylvestris</i>	Divlji tulipan	Liliaceae		EN
461	<i>Valantia muralis</i> L.	Zidarčica	Rubiaceae		
462	<i>Valeriana tuberosa</i> L.	Gomoljasti odoljen	Valerianaceae		
463	<i>Verbascum nigrum</i> L.	Crna divizma	Scrophulariaceae		
464	<i>Verbascum pulverulentum</i> Vill.	Pustenasta divizma	Scrophulariaceae		
465	<i>Verbascum speciosum</i> Schrad. subsp. <i>speciosum</i>	Velika divizma	Scrophulariaceae		
466	<i>Verbena officinalis</i> L.	Verbena	Verbenaceae		
467	<i>Veronica anagalloides</i> Guss.	Močvarna čestoslavica	Plantaginaceae		VU
468	<i>Veronica austriaca</i> L. subsp. <i>jacquinii</i> (Baumg.) Eb. Fisch.	Austrijska čestoslavica	Plantaginaceae		
469	<i>Veronica chamaedrys</i> L.	Obična čestoslavica	Plantaginaceae		
470	<i>Veronica cymbalaria</i> Bodard	Zidna čestoslavica	Plantaginaceae		
471	<i>Veronica persica</i> Poir.	Persijska čestoslavica	Plantaginaceae		
472	<i>Viburnum tinus</i> L. subsp. <i>tinus</i>	Crna hudika	Viburnaceae		
473	<i>Vicia grandiflora</i> Scop.	Velevjetna grahorica	Fabaceae		
474	<i>Vicia hirsuta</i> (L.) Gray	Dlakava grahorica	Fabaceae		
475	<i>Vicia sativa</i> L. subsp. <i>cordata</i> (Hoppe) Batt.	Srcasta grahorica	Fabaceae		
476	<i>Vicia sativa</i> L. subsp. <i>sativa</i>	Domaća grahorica	Fabaceae		
477	<i>Vicia tenuifolia</i> Roth subsp. <i>dalmatica</i> (A. Kern.) Greuter	Dalmatinska grahorica	Fabaceae		
478	<i>Viola alba</i> Besser subsp. <i>dehnhardtii</i> (Ten.) W. Becker	Bijela ljubičica	Violaceae		
479	<i>Viola hirta</i> L.	Dlakava ljubičica	Violaceae		

No.	Species name	Local name	Family	Endemic	Endangered
480	<i>Vitex agnus-castus</i> L.	Konopljika	Lamiaceae		
481	<i>Vitis vinifera</i> L.	Vinova loza	Vitaceae		
482	<i>Vulpia myuros</i> (L.) C. C. Gmel.	Mišji brčak	Poaceae		
483	<i>Xanthium orientale</i> L. subsp. <i>italicum</i> (Moretti) Greuter	Američka boca	Compositae		
484	<i>Zea mays</i> L.	Kukuruz	Poaceae		

Table 28 List of endangered species of amphibians, reptiles and birds in the areas of Protected area Vjetrenica-Popovo polje

Species name	Degree of threat according to the FBiH Red List and IUCN	Degree of threat and protection according to the Habitats Directive (Annexes II and IV) and Birds Directive (Annex I)	IUCN threats (code)
<b>Amphibia – amphibians</b>			
1. <i>Lissotriton vulgaris</i> (Linnaeus, 1758) – common newt	VU on the FBiH Red List		5.3.5., 7.2.8., 8.1.1.
2. <i>Bufoviridis</i> (Laurenti, 1768) – European green toad		HD IV	2.1.3., 2.3.3., 4.1., 9.2.3., 9.3.4.
3. <i>Hylaarborea</i> (Linnaeus, 1758) – tree frog		HD IV	1.1., 1.2., 1.3., 2.1.2., 2.1.3., 2.2.1., 2.3.3., 5.1.1., 5.3.5., 8.1.1., 9.1.3., 9.2.3., 9.3.4.
4. <i>Rana dalmatina</i> (Bonaparte, 1839) – Agile frog		HD IV	1.1., 2.1.3., 2.2.1., 2.2.2., 2.3.3., 5.3.5., 9.3.4.
5. <i>Proteus anguinus</i> (Laurenti, 1768) – human fish	EN on the FBiH Red List	HD II and IV	1.1., 1.3., 2.1.3, 5.1.1., 5.3.5., 6.1., 9.2.3., 9.3.4.
6. <i>Bombinavariegata</i> (Linnaeus, 1758) – yellow-bellied toad		HD IV	1.1., 1.2., 2.1.3., 2.3.3, 3.2., 5.3.5., 9.2.3., 9.3.4.
<b>Reptilia – reptiles</b>			
1. <i>Testudohercegovinensis</i> (Werner, 1899) – Dalmatian tortoise	VU on the FBiH Red List	HD II and IV	1.1., 1.3., 2.1.2., 2.1.3., 2.1.4., 2.3.4., 4.1., 5.1.1., 7.1.3., 7.3., 8.1.1., 9.3.3.

2.	<i>Ophisaurus apodus</i> (Pallas, 1775) – Sheltopusik		HD IV	2.1.3., 2.3.3., 5.1.3.
3.	<i>Archaeolacerta oxycephala</i> (Duméril & Bibron, 1839) – Sharp-snouted rock lizard		HD IV	
4.	<i>Lacerta trilineata</i> (Bedriaga, 1886) – Balkan green lizard		HD IV	2.1.3., 7.1.3.
5.	<i>Lacerta viridis</i> (Laurenti, 1768) – European green lizard		HD IV	
6.	<i>Podarcis melisellensis</i> (Werner, 1891) – Dalmatian wall lizard		HD IV	
7.	<i>Coronella austriaca</i> (Laurenti, 1768) – Smooth snake		HD IV	1.1., 2.1.3., 5.1.3., 7.1.1., 11.1.
8.	<i>Platyceps najadum</i> (Eichwald, 1831) – Dahl's whip snake		HD IV	2.1.3., 4.1., 5.1., 7.1.3.
9.	<i>Telescopus fallax</i> (Fleischmann, 1831) – European cat snake		HD IV	1.2., 2.3.3., 4.1., 5.1.3.
10.	<i>Testudo hermanni</i> (Gmelin, 1789) – Hermann's tortoise		HD II	1.1., 1.3., 2.1.2., 2.1.3., 2.1.4., 2.3.4., 4.1., 5.1.1., 7.1.3., 7.3., 8.1.1., 9.3.3.
11.	<i>Zamenis longissima</i> (Laurenti, 1768) – Aesculapian snake		HD IV	
12.	<i>Zamenis situla</i> (Linnaeus, 1758) – European ratsnake	VU on the FBiH Red List	HD II and IV	2.1.4., 2.3.4., 5.1.1., 5.1.3.
13.	<i>Elaphe quatuorlineata</i> (Lacépède, 1789) – four-lined snake	VU on the FBiH Red List	HD II and IV	1.1., 1.3., 2.1.3., 5.1.3.
14.	<i>Vipera ammodytes</i> (Linnaeus 1758) – horned viper		HD IV	5.1.1., 5.1.3.
15.	<i>Elaphe situla</i> (Linnaeus, 1758) – Leopard snake		HD II AND IV	2.1.4, 2.3.4., 5.1.1., 5.1.3.
<b>Aves – birds</b>				
1.	<i>Alcedo atthis</i> (Linnaeus, 1758) – Common kingfisher (NG)	NT on the BiH Red List	BD-I	
2.	<i>Anthus campestris</i> (Linnaeus, 1758) – Tawny pipit (G)	NT on the BiH Red List	BD-I	
3.	<i>Aquila chrysaetos</i> (Linnaeus, 1758) – Golden eagle (NG)	EN on the BiH Red List	BD-I	2.2.2., 3.3., 4.2., 5.1.3., 8.5.1., 9.3.3., 11.1.

4. <i>Ardeacinerea</i> (Linnaeus, 1758) – Grey heron (NG)	VU on the F BiH Red List		2.1.4., 5.1.1., 5.1.3., 5.3.4., 8.1.1., 8.1.2., 8.5.2., 9.3.2.
5. <i>Cecropisdaurica</i> (Laxmann, 1769) - Red-rumped swallow (G)	VU on the F BiH Red List		8.2.1.
6. <i>Circaetusgallicus</i> (J. F. Gmelin, 1788) – Short-toed snake eagle (NG)	VU on the F BiH Red List	BD-I	2.1.3., 2.3.2., 3.3., 4.1., 4.2., 5.1.3., 5.3.3., 7.1.1., 9.3.3.
7. <i>Circusaeruginosus</i> (Linnaeus, 1758) - Western marsh harrier (NG)	VU on the F BiH Red List	BD-I	2.3.2., 3.3., 5.1.2., 5.1.3., 5.3.3., 7.2.4., 9.2.3., 9.3.3.
8. <i>Egrettazarzetta</i> (Linnaeus, 1766) - Little egret (NG)	VU on the F BiH Red List	BD-I	
9. <i>Falco naumanni</i> (Fleischer, 1818) - Lesser kestrel (NG)	CR on the F BiH Red List	BD-I	1.1., 1.2., 2.1.3., 2.2.3., 5.1.1., 5.1.3., 9.3.3., 11.2., 11.4.
10. <i>Falco peregrinus</i> (Tunstall, 1771) – Peregrine falcon (G)	DD on the F BiH Red List	BD-I	2.3.2., 3.3., 5.1.1., 5.1.3., 5.3.3., 6.1., 7.1.1., 9.2.1., 9.3.3.
11. <i>Falco vespertinus</i> (Linnaeus, 1766) - Red-footed falcon (NG)	NT IUCN	BD-I	2.1.3., 2.3.2., 3.3., 5.1.1., 5.3.3., 7.1.1., 9.3.3.
12. <i>Laniuscollurio</i> (Linnaeus, 1758) – Red-backed shrike (G)		BD-I	
13. <i>Melanocoryphacalandra</i> (Linnaeus, 1766) – Calandra lark (G)		BD-I	
14. <i>Phalacrocoraxcarbo</i> (Linnaeus, 1758) - Great cormorant (NG)	VU on the F BiH Red List	-	2.4.3., 3.3., 5.1.1., 5.1.3., 6.1., 7.3., 8.5.2., 9.2.1., 9.2.3., 9.3.3., 11.2.

## Tables

Table 1 *Geographical coordinates - Page 20*

Table 2 *Habitat types according to Natura 2000 in the wider area of the Vjetrenica cave – Page 63*

Table 3 *List of endangered species according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV (Insecta) in the area of Popovo polje – Page 64*

Table 4 *List of endangered fish species according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV in the area of Popovo polje – Page 66*

Table 5 *List of endangered amphibians and reptiles according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV in the area of Popovo polje – Page 68*

Table 6 *List of endangered birds according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV in the area of Popovo polje – Page 71*

Table 7 *List of endangered mammals according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV in the area of Popovo polje – Page 79*

Table 8 *List of mammals according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV in the area of Popovo polje – Page 81*

Table 9 *Habitat system overview of Vjetrenica cave – Page 85*

Table 10 *Summary of identified cave organisms of Vjetrenica (according to: Ozimec et al., 2021) - Page 101*

Table 11 *Vjetrenica Biodiversity (Sb- stygobitic, Sx- stygoxene, Tb – troglobite, Tx - troglaxene, sTf - subtroglophile , Tf - troglophile) (according to: Ozimec et al., 2021) – Page 104*

Table 12 *Numbers of stigobite taxa on the approximate surface (source: Encyclopedia of Caves and Karst Science, 2004 - Page 123*

Table 13 *Caves with more than 25 stigobionates (A) or 25 troglobionates (B). From Culver and Pipan (2013), with additional data from other sources ((Source: Encyclopedia of Caves and Karst Science, 2004) – Page 128*



Table 14 *Identified pressures and threats in the Popovo polje protection zone with prominent trends - Page 140*

Table 15 *Overview of the number of registered ivernight stays based on official dana for 2018 and 2019 – Page 151*

Table 16 *General stakeholders in the process of protection of natural areas – Page 165*

Table 17 *Explanation of parts of the IUCN definition of a protected area – Page 168*

Table 18 *Description of annual expenditures of the Vjetrenica Public Company Ltd. – Page 171*

Table 19 *Summary of expenditures in the first three years after declaring the Vjetrenica-Popovo polje as a protected landscape - Page 171*

Table 20 *Key indicators for measuring state of conservation – Page 176*

Table 21 *Below summarizes key indicators for the monitoring of the state of conservation of the Vjetrenica Cave. While baseline data for a number of indicators are available already, the collection of additional baseline data for other indicators is planned for 2023/2024. – Page 177*

Table 22 *Vegetation scheme - types of communities: Protected landscape "Vjetrenica Popovo polje" – Page 202*

Table 23 *List of typical populations in the area of Vjetrenica-Popovo polje (according to Ozimec and Lučić, 2010) – Page 207*

Table 24 *Overview of the species of underground fauna of the Vjetrenica cave with the threat category – Page 208*

Table 25 *Overview of endangered status of species for which Vjetrenica is a typical place according to IUCN endangered categories (NA - not assessed, VU - sensitive, EN - endangered, LC - not endangered) – Page 210*

Table 26 *List of endangered species according to IUCN, Red List of the Federation of Bosnia and Herzegovina and protected species according to the Habitats Directive, Annexes II and IV (Insecta) in the area of Vjetrenica-Popovo polje – Page 211*

Table 27 *Registered flora with vernacular names, families, endangerment and endemism. Designations and abbreviations: din -endemic of the Dinarides; balc - endemic to the Balkans; Vulnerability categories: LC - lowest degree – Page 212*

Table 28 *List of endangered species of amphibians, reptiles and birds in the areas of Protected area Vjetrenica-Popovo polje – Page 230*

## Graphs

Chart 1 *Climate diagram for Trebinje station, Popovo polje (time period 1981 - 2010)*  
(source: *rhmzrs.com*) - Page 48

Chart 2 *Different entities involved in the management of the proposed property and their relationship – Page 164*

Chart 3 *Management of the proposed site – Page 165*