

Innovative Phytosociological Method for the Inventory of Vegetation Types and AMP in a Municipality Scale

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Abstract- Albania is a south-western Balkan country, strategically positioned on the Adriatic and Ionian Sea inside the Mediterranean Sea. It belongs in developing countries. The total area is c.a. 28,748 km² (97.7% land and 2.3% water). Albania is characterized for its biological diversity and abundance of contrasting ecosystems and habitats. More than 60% of the area is covered by forests, pastures and natural vegetation. Nowadays important reforms are happening on the forestry sector in terms of decentralization and ownership of forest administration from the state to local government (municipalities), in order to fulfill the strategy for a sustainable management of natural resources and poverty eradication. To do successfully that it is very important to inventory and establish a database of natural resources and services at municipality level. Legally, inventory of medicinal plant must to be repeated each ten years, but this is not respected strictly since 1988 because high cost and time consuming. The establishment of an innovative method, for the inventory aromatic and medicinal plants (AMP), of high effectiveness and less time consuming, is the main focus of this paper. There are using for this purpose remote sensing techniques and phytosociological principles (*Braun Blanquet sensu strictu*).

Key Words – AMP, Inventory, Municipality, Phytosociology, Remote sensing.

I. INTRODUCTION

Aromatic and medicinal plants (AMP) are an important natural resource in Albania for economic development and poverty reduction, especially in remote areas. Currently Albania is ranked among the major Mediterranean countries for the export of medicinal and aromatic plants such as: Common sage (*Salvia officinalis L.*), Winter savory (*Satureja montana L.*), Wild marjoram (*Origanum vulgare L.*), Iron-wort (*Sideritis raeseri Boiss. & Heldr.*), Dog rose (*Rosa canina L.*), Wilder apple-tree (*Malus sylvester Miller.*), Cowslip (*Primula veris L.*), Common Juniper (*Juniperus communis L.*), Prickly juniper (*Juniperus oxycedrus L.*), etc. Medicinal plants (fruits, vegetables, herbs, etc.) are a source for a wide variety of natural Products, but unfortunately the unsustainable use of forests and natural resources still continues, while the economic needs and the efforts for prosperity and development are increasing in Albania. Meantime over-harvesting is defined as the primary risk for medicinal plants. The main factors that have led to flora damage can be summarized in: (i) destruction of habitats, (ii) land use changes in forestry, (iii) direct impact on economic activities, (iv) introduction of non-native invasive species.

Legally, inventory of medicinal plant must to be repeated each ten years, but this is not respected strictly since 1988, because the high cost and time consuming. Natural resource inventory (NRI), which serves as an index of natural resources, is an expensive process to conduct and the results need to be available as soon as possible following data acquisition. It provides baseline documentation for the measuring, sustainable management and evaluating resource protection issues. As such, efforts are ongoing to make the inventory faster, better, and cheaper, by research, to gain efficiencies in sample design and processing.

Transferring process of the natural resources from the central government to local administrative unit, which is happening in Albania, makes imperative the inventory of these resources and the maintenance of a dynamic data base. Natural Resource Inventory can be adopted as part of a master plan and serves as the first step to protect and preserve the natural resources within the municipality.

Plant communities play an important role in sustainable management by maintaining biodiversity and conserving the environment [16].

The purpose of this study is to set up an innovative methodology for the plant resource inventory within the territory of the municipality of Skrapar (as a case study) in order to provide a more detailed information on the current state of AMP.

The inventory of renewable natural resources is a complex enterprise and the preparation of information is a considerable investment to be carried out. To improve the accuracy of the information and to decrease time and costs, the remote sensing techniques and phytosociologica principles are used in this inventory.

The remote sensing capabilities to generate and mapped information about natural resources are well documented and GIS technique is well known for the unique power of data retention, analysis and management [3]. The interpretation of the images is defined as an examination of the images in order to determine the objects and to judge their significant value [8]. Different space presentations have led to a number of spatial methods for describing the structure and spatial model. For each application should be selected, interpreted, analyzed and evaluated in accordance with the context of the study and the given thematic classification [11]. Scientists have paid special attention to efforts to develop sensors, visual and digital image processing algorithms to extract relevant biophysical vegetation information from remote sensing data.

Phytosociological studies (Braun Blanquet sensu strictu) are essential for protecting the natural plant communities and biodiversity as well as understanding the changes experienced in the past and continuing on into the future. Quantitative analysis, especially quantitative classification methods and ordination techniques, has been widely used to indicate the ecological relationships between vegetation and environment [30]. Species richness for each plant community was calculated as the average number of species per stand. Moreover, floristic studies are not only important to know the variety of plants present in an area, but also socio-economically significant.

II. MATERIAL AND METHODS

Quantitative analysis, especially quantitative classification methods and ordination techniques, has been widely used to indicate the ecological relationships between vegetation and environment [30].

2.1. Study Area

The study area is located in South-East Albania, between the coordinates: north (512765.92 E; 4454985.41 N), South: (509936.72 E; 4430201.79 N); East (520743.74 E; 4444693.05 N); and West (490459.64 E; 4449448.81 N). The total area of Skrapari's Municipality is c.a. 83.140 ha. The altitude achieve from 400 m to 1593 m over the sea level. It is characterized by a mountainous terrain and a wide altitudinal stretch from the typical Mediterranean evergreen sclerophyllous forest and shrub vegetation belt (Bogove) up to high

mountainous vegetation (dwarf and grass species) ever-blistering Mediterranean forests of the xerofite scrubland to the high mountain pastures (Tomorri Mountain). Study area is characterized also by geologic and soil variability. Climate is an essential factor in terms of the spread of vegetation types. Significantly, the climate is represented by the rainfall/temperature report. Based on the ratio between the average perennial monthly rainfall (P) and the average perennial monthly temperatures (T), the drought index of Bagnouls-Gaussien [2] is estimated and presented. $IG = P/T$ (Fig. 1). When $IG \leq 2$ means drought period (Fig. 1).

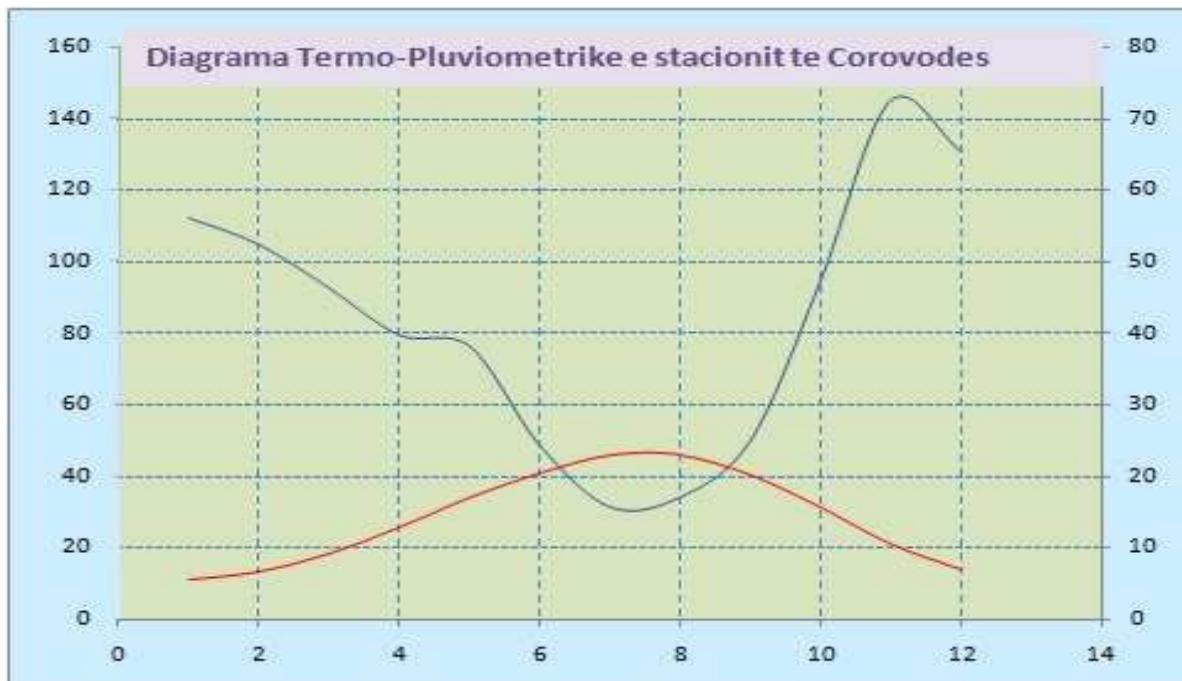


Fig. 1. Thermo-Pluviometric diagram of Bagnouls-Gaussien

The main economic activities on this municipality are the agriculture, husbandry and medicinal plants. Methodologically the study is carried out in three main phases [23].

2.2. Pre-Evaluation Phase

This phase consisted into the collection of a wide archive material related to the subject matter as well as the measuring data, orientation, mapping ortho-photos, space imageries and so on. For this purpose there are used up to date publications. [18], [4, 5], [19], [15], [27, 28], [1].

To do the pre-evaluation assessment of the vegetation the remote sensing technique is used. A coordinative grid (1×1 km) (Fig. 2a) was established (in total 830 points). SENTINEL-2 images and ortho-photos are used for the identification of LCCS3 [10], Land use, classification of forest types (FOREST EUROPE) [9] and dynamic stages [22]. Field investigation points through simply randomly statistical method are selected (Fig. 2b).

Regarding SENTINEL-2 imagery, the color bands that determine the vegetation types, in summer (when the broadleaves forests are green) and in winter (when broadleaves forests lose leaves) are created. In this case, land cover types and forest categories are defined by Pixels.

In order to determine the interaction between environmental factors and plant communities, 156 points are determined randomly (Fig. 2b), in terms of phytosociological method, from the coordinative grid, for further field verification and measurements.

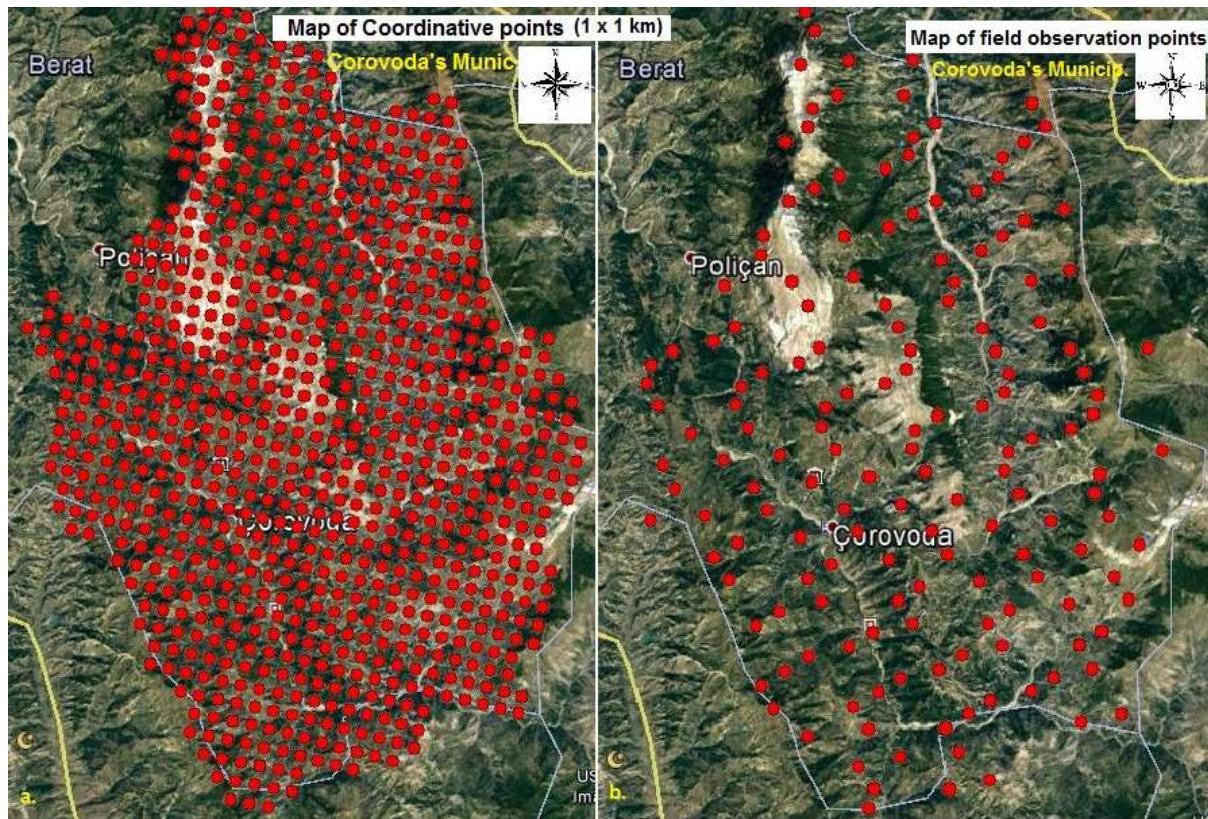


Fig. 2. Coordinative grid (1x1km) and point selected randomly for field investigation

2.3. Analytic Phase Of Data Collection

This study attempts to establish an optimal sampling technique for biodiversity and medicinal plant assessment. Two data base are created in order to collect, conserve and manipulate data for evaluation and reporting. For the general data about LCCS3, Forest Types, Dynamic stages etc. an ACCESS data base is established and provided to the Municipality (Fig. 3).

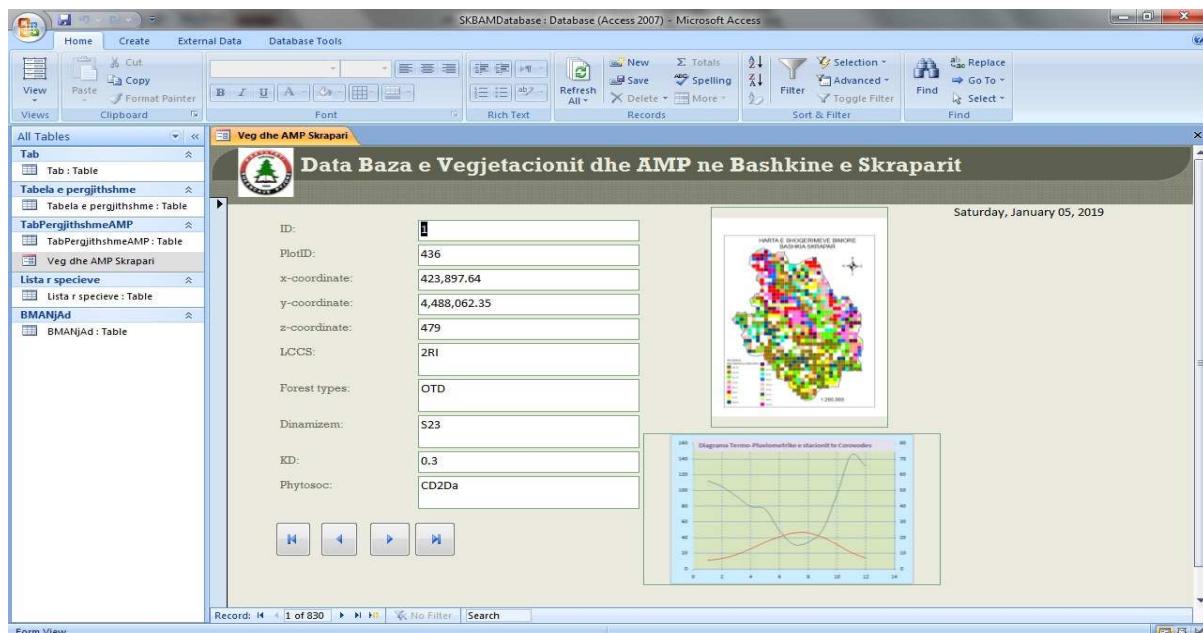


Fig. 3. Data base for general information about the vegetation types (ACCESS)

The data collected on the relèves are recorded at TURBOVEG program (vegetation archive)[12]. The abundance-dominance index (A-D), per each present species in the relève, is estimated, using Braun Blanquet scale [6]. The determination of the biological forms per each specie on the relève is made according to the classification used in the TURBOVEG program [24, 25]. TURBOVEG allow to transfer data to other statistical programs as is the case of JUICE 7.0 [26]. From JUICE 7.0 data can be imported from the TURBOVEG 2.0 database. JUICE 7.0 represents one application for statistical analysis, editing, presentation, classification and analysis of phytosociological tables. In 1994 TURBOVEG was accepted as a standard computer package for EVS (Fig. 4). Currently it has been installed in about 25 countries all over Europe and beyond [12].

Form 1

* Obliged fields

Cover abundance scale:	01
County code:	AL
Biblioreference:	
No. table in publ.:	8000
No. relevé in table:	1
Project code:	
Author code:	
Date (year/month/day):	2017/05/02
Syntaxon code:	34AA
Relevé area (m ²):	625.00
UTM grid system code:	3-4-T
Altitude (m):	1107
Aspect (degrees):	315
Slope (degrees):	20
Cover total (%):	80
Cover tree layer (%):	60
Cover shrub layer (%):	20

Cover herb layer (%)	25
Cover moss layer (%)	10
Cover lichen layer (%)	0
Cover algae layer (%)	0
Cover litter layer (%)	30
Cover open water (%)	0
Cover bare rock (%)	10
Height (high) tree layer (m)	20
Height (low) tree layer (m)	10
Height (high) shrub layer (m)	2.0
Height low shrub layer (m)	1.0
Height (high) herb layer (cm)	80
Height (low) herb layer (cm)	20
Max. height herb layer (cm)	100
Max. height crypt. layer (mm)	0
Mosses identified (y/n)	N
Lichens identified (y/n)	N

Remarks: Vendoset ne përesite e Malit e tonit që kundërtohen drejt Beratit.

Edit relevé 8000

Species list

Scientific name	Abies alba Mill.	Selected species: 48
Abies alba Mill.	Add >>	Species name
Abies alba Mill.	Remove <<	Abies alba Mill.
Abies alba Mill.	Modify <<	Achillea millefolium
Abies alba Mill.	Undo	Achillea millefolium
Abies alba Mill.	Language	Achillea millefolium

Confirm

Search:

Layer	Cover
Filter	Save
Next	Cancel
Previous	Help

Edit species data relevé 8000 [Cover scale = Braun/Blanquet (old)]

Species name	Abies alba Mill.	Layer	Cove
Abies alba Mill.	Achillea millefolium	H	+
Abies alba Mill.	Anthonoxanthum odoratum	H	+
Abies alba Mill.	Arenaria agrestisoides	H	1
Abies alba Mill.	Asphodelus albus	H	1
Abies alba Mill.	Asplenium platyneuron	H	+
Abies alba Mill.	Carex litorosa	H	+
Abies alba Mill.	Carica carinthia	H	1
Abies alba Mill.	Ceterach officinarum	H	+
Abies alba Mill.	Chamaecytisus hirsutus	>2	1
Abies alba Mill.	Cladonia vulgaris	H	+
Abies alba Mill.	Daphne gnidium	H	+
Abies alba Mill.	Daphne mezereum	>2	1
Abies alba Mill.	Daphne odora	H	+
Abies alba Mill.	Daphne laureola	H	1
Abies alba Mill.	Daphne sylvestris	H	1

Remarks

Fig. 4. TURBOVEG a standard computer package for European Vegetation Survey (EVS).

Vegetation relèves were recorded by using the Braun-Blanquet seven-degree scale of abundance and dominance (A-D) [6]. The relevel size is calculated based on the “minimal area” and all the floristic list is inventoried using A-D index (Braun Blanquet sensu strictu). A total of 167 relevels are inventoried and entered them into the TURBOVEG database [12].

2.4. Synthetic phase of data elaboration

Data elaboration from the general data base (Remote sensing) with Pivot Table is done. There are calculated areas per Land Cover (LCSS3), Forest types (FOREST EUROPE), Plant associations (Braun Blanquet sensu strictu) and Dynamic stages per vegetation series. The territory of Corovoda's Municipality per LCSS3 and Forest type, as on the graph below is divided (Fig. 5):

For the purpose of the phytosociological classification, the concept of association has been formulated as an abstract and basic entity, defining the necessary attributes of a specific plant assemblage. From a qualitative point of view, the association represents a plant community with a concrete species composition (floristic criterion), having spatially isotropic structure (physiognomic criterion of homogeneity), confined to a certain position in environmental space (ecological criterion) [Braun Blanquet, Dierschk 1994].

The phytosociological analysis of the vegetation in the territory of the municipality of Skrapar was done according to the method of Braun Blanquet [6]. Numerical vegetation analysis was done with the help of the TWISPAN program [13, 14]. The systematic interpretation was based on the European Vegetation Classification [21]. Ecological characterization was carried out through Ellenberg's ecological indicators.

Raunkier's biological form [24, 25] and SHANNON-WEAVER [13, 14]. Data editing and relève analysis were managed in the JUICE 7.0 program [26] a multivariate statistical program package [19, 20]. Only vascular plants were considered, as other plant groups play an insignificant role in the studied vegetation. We calculated relative Euclidean (chord) distance for square-rooted percentage cover data and applied the β - flexible clustering method with $\beta = -0.25$. Five clusters at the highest hierarchical level are accepted, which roughly corresponded to the following phytosociological syntaxons (Appendix 1,2). By the floristic list of each plant community using A-D index, medicinal plants and their coverage as well as potential production are identified.

III. RESULTS AND DISCUSSION

From the elaboration of general data (remote sensing) resulted as follow (Fig. 5):

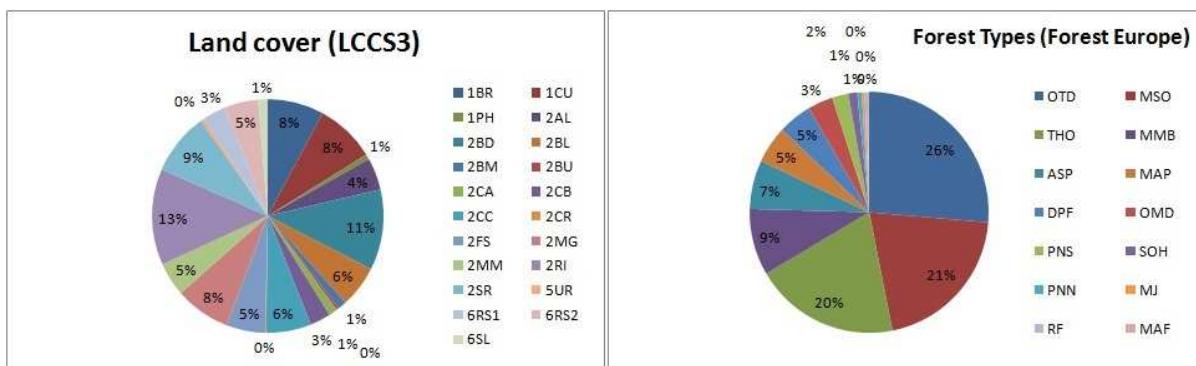


Fig. 5. Area distribution for LCSS3 and Forest Types (EEA)

From the inventory of the plants withing relevés and phytosociological analyses resulted:

Regarding α biodiversity, territory of the municipality is reach in floristic species because the location, morphological and edaphic variability and very large distribution in altitude (from 400 to 1593 m over the sea level). During the field work there are inventoried 647 vascular plants, distributed in 111 families, as Fabaceae (59), Compositae (56), Poaceae (56), Lamiaceae (43), Rosaceae (33), Brassicaceae (25), Scrophullariaceae (24), Caryophyllaceae (20), Ranunculaceae (19), Rubiaceae (12), Campanulaceae (11), Liliaceae (11) etc. A high variability represents α biodiversity on Biological forms and Chorological forms.

The presence of the species with specific status shows four categories:

Endemic: 6 endemic species are located mostly on Tomorri Mountain: *Arabis tomorensis* Markgraf., (Brassicaceae), *Arenaria cikaea* F.K Meyer (Caryophyllaceae), *Astragalus autranii* Bald (Fabaceae), *Campanula aureliana* Bogdanović, Rešetnik, Brullo & Shuka (Campanulaceae), *Euphorbia cikaea* F.K. Meyer (Euphorbiaceae) and *Onosma mattirolii* Bald. (Borraginaceae) [27, 28].

Sub-endemic: 12 sub-endemic species as *Arenaria gracilis* W. K. Pl (Caryophyllaceae), *Asperula chlorantha* Boiss. & Heldr. (Rubiaceae), *Campanula hawkinsiana* Hausskn. & Heldr. (Campanulaceae), *Centaurea epirota* Halcsy (Compositae), *Edraianthus australis* (Wettst.) Lakusic (Campanulaceae), *Herniaria parnassica* subsp. *parnassica* Chaudhri (Caryophyllaceae), *Lilium chalcedonicum* L. (Liliaceae), *Nepeta spruneri* Boiss. (Lamiaceae), *Pedicularis graeca* Bunge (Scrophulariaceae), *Pterocephalus perennis* subsp. *bellidifolius* Coulter (Caprifoliaceae), *Valeriana crinii* Orph. ex Boiss. (Valerianaceae) and *Viola albanica* Halacsy (Violaceae) are

identified during the field work [27, 28].

Balkanic and sub-balkanic species: Balkan and sub-Balkan species are an important element of the country's flora [17]. In the studied area we encounter 44 Balkan and 28 sub-Balkan species, which make up respectively about 7.0% and 4.0% of the site flora, and c.a. 29% of the rare and threatened flora list. C.a. 20 of them are also included in the list of endangered species.

Species with endangerment status. In this category the species of the red list of Albania, based on IUCN categorization are given [Vangjeli]. There are determined 59 species, which represent 11% of the total determined species. On the graph below the weight for each IUCN category [20] is given.

From the relevés there are identified c.a. 102 medicinal and aromatic species as well as economic value species. As most important and most distributed value species are *Thymus* sp. Div, *Hypericum* sp.div., *Sideritis raeseri*, *Satureja montana*, *Gentiana lutea*, *Achilea millefolium*, *Primula veris*, *Juniperus* sp., *Cholchicum* sp.div., *Plantago* sp., *Salvia officinalis*, *Salvia sclarea*, *Verbascum* sp.div., *Crateagus monogyna*, *Rosa canina*, *Origanum vulgare*, *Rubus* sp., *Sambucus nigra*, *Erythrea centaurium*, *Centaurea cyanus*, *Mentha pipereta*, *Matricaria camomilla*, *Papaver rhoeas*, *Malva sylvestris*, *Urtica dioica* [28, 27].

γ biodiversity, based on the phytosociological methodology and analyse, the vegetation types (Braun Blanquet *sensu strictu*) is defined. On the table and figure below the space distribution and area size for each vegetation types is presented. Using Juice 7.0 [26], twenty-one plant communities are identified, as on the syntetic table, using European Vegetation Classification [29]. Not all vegetation types are classified up to association level because the limited areas of its distribution. For the syntaxonomic nomenclature to the alliance, order and class levels, European Vegetation Classification is used [21]. See synoptic table on the appendixes 3 of paper.

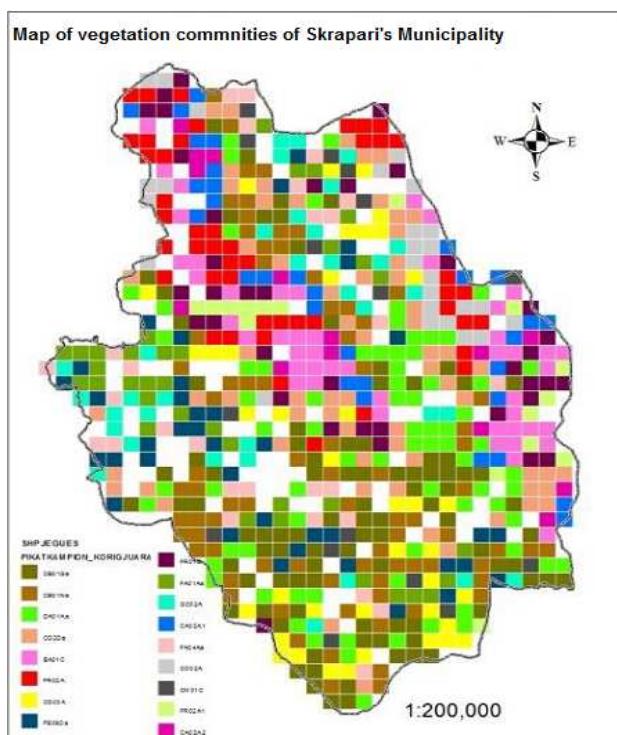


Fig. 6. Map of the plant communities (Braun Blanquet)

Distribution per plant community on the graph below is presented.

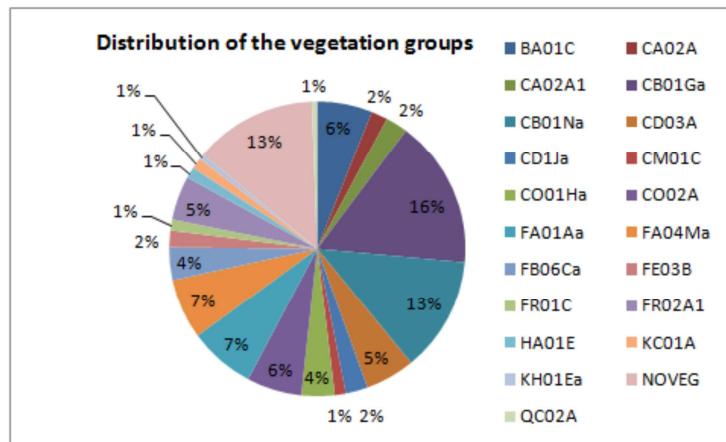


Fig. 7. Distribution per plant community (Braun Blanquet)

From the phytosociological analyse, biodiversity point of view, results that most richnest vegetation groups are Juniperion nanae Fk 1960, Pinion pallasianae Korzhenevsky 1998, Seslerio – Pinetum leucodermis Vangjeli 1984, Pistacio lentisci-Juniperetum oxycedri Allegrezza, Biondi, Formica & Ballelli 1997, Cytision oromediterraneo-scoparii Rivas-Mart. et al. 2002, Arbuto- Quercetum ilicis Br Bl 1938 etc., as on the graph below is presented.

Skrapari's Municipality vegetation of must to be considered very reaches in medicinal plants, a big potential for economic development and poverty eradication on the remote areas. From the phytosociological analzse, based on the floristic cortège and per each plant community, the table of medicinal plants is edited on the appendixes 4 and 5.

IV. CONCLUSIONS

Phytosociological method can be used efficiently as the methodological tool for the inventory of vegetation, natural resources (AMP) and evaluation of the biodiversity.

The territory of Skrapary Municipality is very rich related to a biodiversity, numbering 647 vascular plants, distributed in 111 families. A high variability represents a biodiversity on the Biological forms, Chorological forms and in species with specific status like endemisms (6 species), Sub endemisms (12 species), Balkanic (44 species), sub balkanic (28 species) and endangerment species based on IUCN categorisation (59 species).

The territory of Skrapary Municipality related to γ biodiversity so far, numbering twenty-one plant communities or vegetation groups, due to the big differences in altitude, variability of the soils and the high climate and micro-climate variability. meet 102 medicinal, aromatic and food interest species, which can contribute to the economic development and poverty eradication of the people living in remote areas of this Municipality.

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Research and teaching: on the Faculty of Forestry Sciences, General Botany, Systematic of Plant and Plant sociology, Classification of Forest associations, International Project Management, Biodiversity and Nature Conservation and Forest and Protected Area Management.
Participation: on c.a. 40 projects and as speaker on 75 scientific conferences
Publication: 21 books (mostly texts), 72 scientific articles, mostly on the international publications.

APPENDIX

APPENDIX 1: PHYTOSOCIOLOGIC TABLE OF VEGETATION COMMUNITIES OF SKRAPARI'S MUNICIPALITY

APPENDIX 2: PERCENTAGE SYNOPTIC TABLE WITH FIDELITY PHI COEFF. A (20 COLUMNS)

APPENDIX 3: SYNOPTIC TABLES OF PLANTS COMMUNITIES

APPENDIX 4: AMP PER PLANT COMMUNITY (BRAUN BLANQUET)

APPENDIX 5: PERCENTAGE OF AMP PER PLANT COMMUNITIES – SYNOPTIC TABLE

Appendix 1: Phytosociologic Table of Vegetation communities of Skrapari's Municipality.

Table from relevés of the file: Skjuice_table.wct

Number of relevés: 157

Species Number: 676

K - Vegetation of rock crevices and screes

KH - *Drypidetea spinosae* Quézel 1964

KH01 - *Drypidetalia spinosae* Quézel 1964

KH01E - *Campanulion hawkinsianae* Quézel 1967

KHOIE - *Scutellario alpina Lamietum pictim* Quezel 1973

Chamaecytisus hirsutus[6].+|...|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.

Veratrum nigrum [6].+|...|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.

Senecio thapsoides [6].+|...|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.

Lathyrus montanus [6].+|...|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.

Thalictrum minus [6].+|...|.....|.|.....|.|.....|.|.....|.|.....|.|.....|.

Achillea holosericea [6].+|...|.....|.|.....|.|.....|.|.....|.|.....|.

KC - Asplenietea trichomanis (Br.-Bl. in Meier et Br.-Bl. 1934) Oberd. 1977

KC02 - *Potentilletalia caulescentis* Br.-Bl. in Br.-Bl. et Jenny 1926

KC01A - Asplenio scolopendrii-Geranion robertiani Ferrez 2010

B - Vegetation of the boreal zone

BA - Vaccinio-Piceetea Br.-Bl. in Br.-Bl. et al. 1939

BA01 - *Piceetalia excelsae* Pawłowski et al. 1928

BA01C - Juniperion nanae Fk 1960

F - Vegetation of the mediterranean zone

FR - Daphno-Festucetea Quézel 1964

FR02 - Saturejo spinosae-*Scutellarietalia hirtae* Dimopoulos et al. ex Bergmeier 2002

FR02A - Astragalion cretici Bergmeier 2002

FR02A1 - Astragalus creticus Zohary et Orshan 1966

C - Vegetation of the nemoral forest zone

CA - Querco-Fagetea Br Bl et Vlierg 1937

CA02 - *Fagetalia sylvaticae* Pawłowski 1928

CA02A - Fagion moesiacaecum hellenicum (Dafis 1973) Ellenberg et Gllavac 1974

CA02A1 - *Fagetum montanum hellenicum* Dafis 1968

CA02 - *Fagetalia sylvaticae* Pawłowski 1928

CA02A - Aremonio-Fagion (Horvat 1950) Borhidi in Török et al. 1989

C - Vegetation of the nemoral forest zone

CO - Erico-Pinetea Horvat 1959

CO02 - Pinetalia pallasianae-kochiana Korzhenevsky 1998
CO02A - Pinion pallasianae Korzhenevsky 1998

C - Vegetation of the nemoral forest zone

CO - Erico-Pinetea Horvat 1959

C001 - *Erico-Pineta* Horvat 1959 nom. conserv. propos.

C001H - *Pinion heldreichii* Horvat 1946

Seslerio - Pinetum leucodermis Vangjeli 1984.

F - Vegetation of the mediterranean zone

FA - Quercetea ilicis Br.-Bl. ex A. Bolòs et O. de Bolòs in A. Bolòs y Vayreda 1950

FA01 - Quercetalia ilicis Br.-Bl. ex Molinier 1934

FA01A - Quercion ilicis Br.-Bl. ex Molinier 1934

C - Vegetation of the nemoral forest zone

CB - *Quercetea pubescens Doing-Kraft ex Scamoni et Passarge* 1955

CB01 - Quercetalia pubescenti-petraeae Klika 1931

CB01N - Quercion confertae Horvat 1958

Q - Anthropogenic vegetation

QC - Chenopodietae Br.-Bl. in Br.-Bl. et al. 195.

QC02 - *Chenopodietalia* Br.-Bl. in Br.-Bl. et al. 1936

QC02A - *Chenopodium muralis* Br.-Bl. in Br.-Bl. et al. 1936

C - Vegetation of the nemoral forest zone
CM01 - *Arrhenatheretalia elatioris* Tx. 1931
CM01C - *Cynosurion cristati* Tx. 1947



• "Result Generated by Program"

Appendix 2: Percentage synoptic table with fidelity Phi coeff. A (20 columns)

Group No. No. of relevés	1 2	2 1	3 1	4 8	5 11	6 1	7 3	8 1	9 2	10 4	11 2	12 5	13 8	14 1	15 27	16 58	17 9	18 9	19 1	20 3
<i>Veratrum nigrum</i>	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Achillea holosericea</i>	70.3	---	---	14.6	---	---	---	---	---	---	---	---	14.6	---	---	---	---	---	---	---
<i>Thalictrum minus</i>	81.4	---	---	---	---	---	---	---	---	39.9	---	---	---	---	---	---	---	---	---	---
<i>Sedum ochroleucum</i>	70.3	---	---	---	---	---	---	---	---	---	43.1	---	---	---	---	---	---	---	---	---
<i>Festuca paniculata</i>	70.3	---	---	---	---	---	---	---	---	---	43.1	---	---	---	---	---	---	---	---	---
<i>Scutellaria alpina</i>	70.3	---	---	---	---	---	---	---	---	43.1	---	---	---	---	---	---	---	---	---	---
<i>Jovibarba heuffelii</i>	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cotoneaster nebrodensis</i>	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Asperula aristata</i>	46.1	---	---	19.2	14.7	---	---	---	---	---	26.7	---	---	---	---	---	---	---	---	---
<i>Chamaesyctisus hirsutus</i>	52.6	---	---	---	---	---	---	---	---	25.1	31.2	23.1	---	---	---	---	---	---	---	---
<i>Achillea fraasii</i>	49.4	---	---	---	---	---	---	---	---	---	23.2	---	---	---	---	---	---	---	---	---
<i>Geranium cinereum</i>	57.0	---	---	---	---	---	---	---	---	34.2	25.6	---	---	---	---	---	---	---	---	---
<i>Cynoglossum germanicum</i>	57.0	---	---	---	---	---	---	---	---	27.4	53.1	---	---	---	---	---	---	---	---	---
<i>Euphorbia hirtleariafolia</i>	81.4	---	---	17.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Rumex nepalensis</i>	49.4	---	---	---	---	---	---	---	---	30.3	---	---	---	---	---	---	---	---	---	---
<i>Rhamnus saxatilis</i>	49.4	---	---	---	---	---	---	---	---	30.3	---	---	---	---	---	---	---	---	---	---
<i>Senecio thapsoides</i>	81.4	---	57.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Thymus striatus</i>	33.7	---	---	30.5	23.7	---	26.1	---	---	---	---	---	---	---	---	---	9.8	---	---	---
<i>Poa alpina</i>	---	70.5	---	23.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Inula oculus-christi</i>	49.5	---	---	---	---	---	---	---	---	---	---	---	---	3.3	---	---	30.8	---	---	---
<i>Nepeta sprunieri</i>	70.5	---	23.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Vaccinium myrtillus</i>	49.5	---	33.0	---	---	---	---	---	20.1	---	---	---	---	---	---	---	---	---	---	---
<i>Asplenium ruta-muraria</i>	70.5	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Phleum hirsutum</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Polypodium vulgare</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Edraianthus graminifolius</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Amphoricarpos neumayeri</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Crepis baldaccii</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Onosma visianii</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Valeriana montana</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Aubrieta gracilis</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Bombycilaena erecta</i>	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Arabis alpina</i>	---	---	70.5	23.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Pteroccephalus perennans subsp. bellid</i>	---	---	57.4	---	32.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Juniperus communis subsp. nana</i>	14.9	23.8	---	49.6	32.0	---	26.1	---	---	5.9	---	---	---	---	---	---	---	---	---	---
<i>Galium degenii</i>	---	---	44.1	61.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cardamine carnosa</i>	---	---	34.6	47.3	16.3	---	17.9	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Asperula doerfleri</i>	---	---	---	86.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Minuartia recurva</i>	---	---	---	79.2	6.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Astragalus austriani</i>	---	---	---	69.6	39.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cerastium grandiflorum</i>	---	---	---	65.2	---	---	---	---	---	---	---	---	---	---	21.2	---	---	---	---	---
<i>Trinia glauca</i>	---	---	---	69.6	20.3	---	31.0	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Saxifraga marginata</i>	---	---	---	60.5	16.3	---	17.9	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Valeriana bertisea</i>	---	---	---	55.8	20.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Sedum hispanicum</i>	---	---	---	51.1	18.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Hypericum richeri subsp. grisebachii</i>	---	---	---	49.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Edraianthus species</i>	---	---	---	49.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Anthyllis montana subsp. jacquini</i>	---	---	---	49.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Sedum hispanicum</i>	---	---	---	49.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Crepis alpestris</i>	---	---	---	51.1	30.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Bellardiochloa violacea</i>	---	---	---	69.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Trisetum flavescens</i>	---	---	---	53.3	13.3	---	---	---	---	---	---	---	---	---	27.2	---	---	---	---	---
<i>Festuca bosniaca</i>	20.3	---	---	65.1	13.3	---	15.4	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Veronica thessalica</i>	---	---	32.5	69.0	14.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Linaria alpina</i>	---	---	32.5	69.0	14.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Saxifraga paniculata</i>	---	---	26.6	56.1	37.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Viola albanica</i>	---	---	37.1	51.1	6.2	37.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Valeriana crinii</i>	---	---	29.2	73.1	21.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Saxifraga grisebachii</i>	---	---	27.8	69.6	29.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>Thlaspi bellidifolium</i>	---	---	34.6	73.7	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Campanula hawkinsiana</i>	---	---	30.7	65.1	23.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Dianthus minutiflorus</i>	---	---	---	49.6	32.0	---	41.4	---	---	---	---	---	---	---	---	---	---	0.7	---	---	---
<i>Botrychium lunaria</i>	---	---	---	58.7	39.1	27.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Polygala alpestris subsp. croatica</i>	---	---	---	47.8	29.7	27.8	13.5	---	---	---	8.4	---	---	---	---	---	---	---	---	---	---
<i>Aethionema saxatile</i>	---	---	21.6	53.6	5.1	---	---	---	---	---	---	---	---	---	---	---	32.9	---	---	---	---
<i>Iberis sempervirens</i>	29.7	---	---	52.0	49.4	---	---	12.7	---	14.8	---	---	---	---	---	---	---	---	---	---	---
<i>Hippocratea comosa</i>	---	---	---	50.4	51.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Myosotis alpestris</i>	---	---	---	49.6	73.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Draba aizoides</i>	---	---	---	45.6	55.1	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Thymus cherleriooides</i>	14.9	---	---	49.6	48.5	23.8	---	---	---	5.9	---	---	---	---	---	---	---	---	---	---	---
<i>Gentiana verna</i>	13.7	---	---	46.2	52.8	22.2	24.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Paronychia kapela</i>	23.2	---	34.6	34.1	27.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Potentilla apennina</i>	---	---	30.7	41.4	43.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Asplenium adiantum-nigrum</i>	---	---	23.0	10.6	22.6	---	---	14.3	---	---	---	---	---	---	---	7.3	---	---	---	---	---
<i>Valerianella rimosa</i>	---	---	---	39.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Pedicularis graeca</i>	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Campanula garganica</i>	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Alopecurus gerardii</i>	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Potentilla hirta</i>	---	---	23.2	---	39.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Juniperus foetidissima</i>	---	---	33.0	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Narcissus poeticus</i>	---	---	44.1	36.2	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Orchis sambucina</i>	---	---	29.5	33.7	---	15.4	---	---	---	---	---	---	---	---	16.0	---	---	---	2.5	---	---
<i>Asphodelus albus</i>	---	---	35.1	0.8	12.7	---	17.2	9.8	---	35.1	---	---	---	---	---	---	---	---	---	---	---
<i>Sedum acre</i>	11.8	---	19.8	40.7	46.4	---	21.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Linum capitatum</i>	---	---	---	30.5	56.7	23.8	---	---	5.9	1.8	---	---	---	---	---	---	---	---	---	---	---
<i>Astragalus creticus subsp. <i>rumeleicus</i></i>	20.3	---	---	5.8	64.4	---	15.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Anthyllis montana subsp. <i>jacquini</i></i>	---	---	36.9	67.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Stipa pulcherrima</i>	---	---	27.7	70.7	---	---	---	---	---	---	---	---	---	---	9.8	---	---	---	7.0	---	---
<i>veluchensis</i>	---	---	20.9	65.0	---	---	33.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Koeleria splendens</i>	---	---	34.6	56.9	---	36.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Pedicularis brachydonta</i>	---	---	32.5	31.7	46.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Veratrum album</i>	---	---	---	---	46.6	40.2	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Erigeron epiroticus</i>	---	---	44.1	46.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Helianthemum oleanicum</i>	---	---	41.7	59.0	24.6	11.3	---	---	---	---	---	---	---	---	1.3	---	---	---	---	---	---
<i>Minuartia verna</i>	15.6	---	12.2	67.5	---	---	---	18.8	---	---	---	---	---	---	1.3	---	---	---	1.3	---	---
<i>Plantago lagopus</i>	---	---	12.2	59.0	24.6	27.1	---	---	---	---	---	---	---	---	1.3	---	---	---	1.3	---	---
<i>Lychnис viscaria</i>	---	---	12.2	59.0	24.6	42.9	---	---	---	---	---	---	---	---	1.3	---	---	---	1.3	---	---
<i>Nardus stricta</i>	---	---	---	51.9	---	24.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Lotus ornithopodioides</i>	---	---	27.7	51.1	---	32.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Hypericum rumeliacum</i>	---	---	18.9	68.4	22.2	38.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Stipa pennata</i>	---	---	44.7	58.7	---	37.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Phleum alpinum</i>	12.2	---	---	33.4	47.9	---	35.5	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---
<i>Morina persica</i>	12.2	20.4	---	7.9	47.9	---	35.5	---	24.8	---	---	---	---	---	---	---	---	---	---	---	---
<i>Globalularia cordifolia</i>	27.4	---	19.3	23.2	59.2	19.3	---	2.7	---	13.0	---	---	---	---	---	---	---	---	---	---	---
<i>Hieracium pilosella</i>	25.5	18.0	---	---	61.6	18.0	31.3	1.7	---	18.5	---	---	---	---	---	---	---	---	---	---	---
<i>Sideritis roeseri</i>	24.4	17.2	17.2	42.2	58.9	---	30.0	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Sesleria coeruleans</i>	26.1	---	---	37.4	49.4	18.4	19.4	10.6	21.8	18.4	---	---	---	---	---	---	---	---	---	---	---
<i>Daphne oleoides</i>	21.6	15.2	---	37.0	46.1	---	15.3	7.8	25.7	37.0	---	---	---	---	---	---	---	---	---	---	---
<i>Juniperus communis subsp. <i>nana</i></i>	---	---	---	41.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca valesiaca</i>	---	---	39.0	41.3	---	32.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca varia subsp. <i>adamoviczii</i></i>	---	---	---	29.2	---	---	---	---	---	---	---	---	---	---	9.4	---	---	---	---	---	---
<i>Viola tricolor</i>	---	---	25.6	20.6	---	---	---	---	---	---	---	---	---	3.1	---	---	---	---	---	---	---
<i>Crataegus monogyna</i>	---	---	---	19.1	---	---	---	---	---	---	---	---	0.7	---	---	---	---	---	---	---	---
<i>Salvia officinalis</i>	---	---	---	41.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Edraianthus wettsteinii</i>	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Oxytropis halleri</i>	---	---	---	23.2	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Ptilotrichum species</i>	---	---	---	23.2	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca circummediterranea</i>	---	---	17.9	14.4	57.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Astragalus creticus subsp. <i>rumeleicus</i></i>	---	---	---	---	32.6	57.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Erigeron alpinus</i>	---	---	23.2	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca adamoviczii</i>	---	---	23.2	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Veratrum Rumex acetosella</i>	---	---	17.7	13.3	30.7	---	---	---	---	---	---	---	---	38.4	---	---	---	---	---	---	---
<i>Verbascum phlomoides</i>	---	---	---	---	---	81.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Dasyphyllum villosum</i>	---	---	17.9	---	---	66.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Orchis maculata</i>	---	---	---	---	---	66.0	---	24.0	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>Aegilops triuncinalis</i>	---	---	---	3.5	28.0	---	46.5	---	---	---	---	---	---	---	---	---	22.4	---	---	
<i>Bromus secalinus</i>	---	---	---	3.5	46.1	---	46.5	---	---	---	---	---	---	---	---	---	12.5	---	---	
<i>Juniperus foetidissima</i>	---	---	---	---	---	---	57.4	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Tragopogon crocifolius</i>	---	---	---	33.4	8.9	---	44.6	---	---	---	---	---	---	---	---	---	21.1	---	---	
<i>Petrorhagia prolifera</i>	---	---	---	29.5	---	---	34.5	---	---	---	---	---	---	---	1.9	---	4.8	---	---	
<i>Trifolium physodes</i>	---	---	---	23.2	---	---	39.9	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Festuca varia subsp.pungens</i>	---	---	---	23.2	---	---	39.9	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Arrhenatherum elatius</i>	---	---	---	9.8	---	---	24.2	---	---	---	---	---	---	13.9	---	16.9	---	---	---	
<i>Scabiosa ochroleuca</i>	---	---	24.0	39.2	---	34.6	---	---	---	---	---	---	---	13.9	---	37.4	---	---	---	
<i>Crataegus heldreichii</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Astragalus glycyphyllos</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Lathyrus nissolia</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Fagus sylvatica</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Malus sylvestris</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Securigera securidaca</i>	---	---	---	---	---	---	70.5	49.4	---	---	---	---	---	---	---	---	---	---	---	
<i>Anemone apennina</i>	---	---	---	---	---	---	57.4	39.9	27.3	---	---	---	---	---	---	---	---	---	---	
<i>Campanula trachelium</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	70.5	---	---	---	---	---	
<i>Campanula sparsa</i>	---	---	---	---	---	---	44.1	---	20.1	---	28.8	---	---	---	---	---	---	---	---	
<i>Lathyrus laxiflorus</i>	---	---	---	---	---	---	15.2	---	---	---	---	33.4	20.6	---	---	---	---	---	---	
<i>Cerastium brachypetalum</i>	---	---	---	---	---	---	19.8	---	---	3.1	---	---	29.9	---	5.8	---	---	---	---	
<i>Cephalanthera rubra</i>	---	---	---	---	---	---	44.1	30.3	20.1	30.3	---	12.3	---	---	---	---	---	---	---	
<i>Hedera helix</i>	---	---	---	---	---	---	15.2	7.8	---	---	---	12.9	30.2	---	---	---	---	---	---	
<i>Primula vulgaris</i>	---	---	---	---	---	---	13.5	6.2	8.8	6.2	---	15.2	26.6	---	---	---	---	---	---	
<i>Cornus mas</i>	---	---	---	---	---	---	9.9	---	---	---	---	32.2	32.7	---	---	---	---	---	---	
<i>Erythronium dens-canis</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Primula acaulis</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Alliaria petiolata</i>	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Scilla bifolia</i>	---	---	---	---	---	---	81.4	27.3	---	---	---	---	---	---	---	---	---	---	---	
<i>Mercurialis perennis</i>	---	---	---	---	---	---	70.3	23.0	---	---	---	---	13.4	---	---	---	---	---	---	
<i>Mycelis muralis</i>	---	---	---	---	---	---	81.4	---	39.9	---	---	---	---	---	---	---	---	---	---	
<i>Orthilia secunda</i>	---	---	---	---	---	---	70.3	23.0	34.2	---	---	---	---	---	---	---	---	---	---	
<i>Galium ochroleucum</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Helleborus odorus</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Abies borisii-regis</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Myosotis sylvatica subsp.alpestris</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Sorbus aria</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Ilex aquifolium</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Viola aetolica</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Laburnum alpinum</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Corydalis solida</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Rubus hirtus</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Sanicula europaea</i>	---	---	---	---	---	---	62.6	43.1	30.3	---	---	---	---	---	---	---	---	---	---	
<i>Muscaris botryoides</i>	---	---	---	---	---	---	49.4	---	---	---	---	3.1	---	---	---	---	---	---	---	
<i>Hedera helix</i>	---	---	---	---	---	---	49.4	---	---	---	---	3.1	---	---	---	---	---	---	---	
<i>Viola reichenbachiana</i>	---	---	---	---	---	---	57.0	38.9	27.4	15.3	---	---	---	---	---	---	---	---	---	
<i>Carex glauca</i>	---	---	---	---	---	---	49.4	34.2	---	---	---	---	---	---	---	---	---	---	---	
<i>Calamintha grandiflora</i>	---	---	---	---	---	---	49.4	34.2	---	---	---	---	---	---	---	---	---	---	---	
<i>Lamium galeobdolon</i>	---	---	---	---	---	---	49.4	34.2	---	---	---	---	---	---	---	---	---	---	---	
<i>Epilobium anagallidifolium</i>	---	---	---	---	---	---	49.4	34.2	---	---	---	---	---	---	---	---	---	---	---	
<i>Prunella laciniata</i>	---	---	---	---	---	---	49.4	34.2	---	---	---	---	---	---	---	---	---	---	---	
<i>Salix caprea</i>	---	---	---	---	---	---	49.4	34.2	---	---	---	---	---	---	---	---	---	---	---	
<i>Lilium chalcedonicum</i>	---	23.2	---	---	---	---	49.4	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Lathyrus venetus</i>	---	---	---	---	---	---	57.0	81.1	---	---	---	---	---	---	---	---	---	---	---	
<i>Luzula sylvatica</i>	---	---	---	---	---	---	57.0	81.1	---	---	---	---	---	---	---	---	---	---	---	
<i>Saxifraga rotundifolia</i>	---	---	---	---	---	---	57.0	60.0	27.4	---	---	---	---	---	---	---	---	---	---	
<i>Anemone nemorosa</i>	---	---	---	---	---	---	52.6	55.3	25.1	13.7	---	---	---	---	---	---	---	---	---	
<i>Acer pseudoplatanus</i>	---	---	---	---	---	---	49.0	69.8	23.2	12.3	---	---	---	---	---	---	---	---	---	
<i>Dentaria bulbifera</i>	---	---	---	---	---	---	70.3	48.7	---	---	---	---	---	---	---	---	---	---	---	
<i>Dryopteris filix-mas</i>	37.1	---	---	---	---	---	52.6	74.8	---	---	---	---	---	34.9	---	---	---	---	---	
<i>Buglossoides purpureoacerulea</i>	---	---	---	---	---	---	27.4	---	---	---	---	34.9	---	---	---	---	---	---	---	
<i>Crocus Epilobium angustifolium</i>	---	---	---	---	---	---	39.9	27.3	---	17.9	---	---	---	---	---	---	---	---	---	
<i>Lamium maculatum</i>	---	---	---	---	---	---	23.2	---	---	---	---	24.3	---	---	---	---	---	---	---	---
<i>Cephalanthera damasonium</i>	---	---	---	---	---	---	39.9	27.3	---	24.0	---	---	---	---	---	---	---	---	---	
<i>Geranium robertianum</i>	---	---	---	---	---	---	25.6	16.4	51.7	16.4	19.8	43.6	---	---	---	---	---	---	---	
<i>Melica uniflora</i>	---	---	---	---	---	40.2	27.4	81.1	---	---	---	---	---	---	---	---	---	---	---	
<i>Lilium martagon</i>	---	---	---	---	---	---	30.3	89.1	---	---	---	---	---	---	---	---	---	---	---	

<i>Corylus avellana</i>	---	---	---	---	---	---	---	---	55.3	---	---	9.0	---	---	2.6	---	---	---	---
<i>Malus sylvestris</i>	---	---	---	---	---	27.3	---	---	74.3	---	---	---	---	---	---	---	---	---	---
<i>Polygonatum multiflorum</i>	---	---	---	---	---	---	---	---	70.3	---	---	---	---	---	---	---	---	---	---
<i>Campanula persicifolia</i>	---	---	---	---	---	---	---	---	70.3	---	---	---	---	---	---	---	---	---	---
<i>Lamiastrum galeobdolon</i>	---	---	---	---	---	---	---	---	70.3	---	---	---	---	---	---	---	---	---	---
<i>Ilex aquifolium</i>	---	---	---	---	---	---	---	---	70.3	---	---	---	---	---	---	---	---	---	---
<i>Lathyrus niger</i>	---	---	---	---	---	---	---	---	70.3	---	---	---	---	---	---	---	---	---	---
<i>Lactuca muralis</i>	---	---	---	---	---	---	---	---	70.3	---	---	---	---	---	---	---	---	---	---
<i>Sambucus nigra</i>	---	---	---	---	---	---	---	---	70.3	---	---	---	---	---	---	---	---	---	---
<i>Neottia nidus-avis</i>	---	---	---	---	---	27.4	81.1	27.4	---	---	---	---	---	---	---	---	---	---	---
<i>Poa nemoralis</i>	---	---	---	---	---	---	56.8	---	---	---	---	---	---	---	---	---	---	---	---
<i>Atropa belladonna</i>	---	---	---	---	---	---	74.3	34.2	---	---	---	---	---	---	---	---	---	---	---
<i>Galium odoratum</i>	---	---	---	---	---	30.3	66.1	30.3	---	---	---	---	---	---	---	---	---	---	---
<i>Salix elaeagnos</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Calamagrostis gigantea</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Polygonatum odoratum</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Laburnum alpinum</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Laburnum alpinum</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Sorbus aucuparia</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Lonicera implexa</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Rubus hirtus</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Sambucus racemosa</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Abies alba</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Laburnum alpinum</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Lonicera xylosteum</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Prenanthes purpurea</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Rhamnus alpinus subsp. fallax</i>	---	---	---	---	---	---	49.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cardamine bulbifera</i>	---	---	---	---	---	56.8	39.9	---	---	---	---	---	---	---	---	---	---	---	---
<i>Daphne mezereum</i>	---	---	---	---	43.6	62.0	20.3	25.0	---	30.7	---	---	---	---	---	---	---	---	---
<i>Fagus sylvatica</i>	18.1	---	---	---	---	39.5	56.2	39.5	22.1	4.2	---	---	---	---	---	---	---	---	---
<i>Doronicum columnae</i>	14.3	---	---	---	---	32.6	46.4	14.3	40.4	19.9	23.0	---	---	---	---	---	---	---	---
<i>Ajuga reptans</i>	---	---	---	---	27.8	39.5	56.2	39.5	22.1	4.2	---	---	---	---	---	---	---	---	---
<i>Vincetoxicum hirundinaria</i>	---	---	---	---	---	34.2	---	---	---	---	9.9	---	---	---	---	---	---	---	---
<i>Alyssum bertolonii</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Polystichum lonchitis</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Scutellaria columnaea</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Erica herbacea</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Genista hassertiana</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festucopsis serpentini</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cardamine graeca</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Juniperus foetidissima</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca rhætica</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Verbascum nigrum</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Daphne mezereum</i>	---	---	---	---	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Carpinus betulus</i>	---	---	---	---	---	34.2	49.4	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cotoneaster nebrodensis</i>	---	---	---	---	---	49.4	30.3	---	---	---	---	---	---	---	---	---	---	---	---
<i>Carlina acaulis</i>	---	---	33.0	---	---	---	34.2	---	---	---	---	---	---	---	13.4	---	---	---	---
<i>Rhamnus alpinus subsp. fallax</i>	---	---	---	---	---	---	39.9	24.0	17.9	---	---	---	---	---	---	---	---	---	---
<i>Linaria peloponnesiaca</i>	32.6	---	1.2	---	---	---	32.6	52.0	10.6	23.0	---	---	9.0	---	---	---	---	---	---
<i>Abies borisii-regis</i>	---	---	---	---	---	---	39.9	50.5	---	---	---	---	---	---	---	---	---	---	---
<i>Heracleum sphondylium</i>	46.1	---	---	---	---	---	---	57.9	19.2	32.5	---	---	---	---	---	---	---	---	---
<i>Onosma mattirollei</i>	25.1	---	---	---	---	---	48.8	37.1	---	---	---	---	---	---	---	---	---	---	---
<i>Achillea distans</i>	---	---	---	---	---	---	50.5	17.9	---	---	---	---	---	---	---	---	---	---	---
<i>Teucrium montanum</i>	---	---	---	---	---	23.2	61.8	7.8	---	---	6.7	---	---	---	---	---	---	---	---
<i>Stachys alopecuros</i>	39.9	---	---	---	---	---	50.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Carex kitaibeliana</i>	25.1	---	---	---	---	---	48.8	23.1	37.1	---	---	---	---	---	---	---	---	---	---
<i>Pinus leucodermis</i>	18.1	---	1.5	---	---	18.1	63.0	36.9	---	---	---	---	---	---	---	---	---	---	---
<i>Corydalis ochroleuca</i>	25.1	---	---	---	---	---	48.8	37.1	---	---	---	---	---	---	---	---	---	---	---
<i>Dianthus petraeus</i>	---	---	0.3	---	---	---	66.4	37.1	---	---	---	---	---	---	---	---	---	---	---
<i>Geranium macrorrhizum</i>	---	---	---	---	10.1	39.5	41.0	39.5	49.4	27.8	---	---	---	---	---	---	---	---	---
<i>Galiu lucidum</i>	14.3	---	---	---	---	---	52.0	29.2	23.0	---	---	---	---	---	---	---	---	---	---
<i>Ranunculus oreophilus</i>	34.2	---	---	---	---	---	43.1	14.6	---	---	---	---	---	32.3	---	---	---	---	---
<i>Scabiosa columbaria</i>	13.2	---	---	---	---	---	15.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Rhamnus saxatilis</i>	---	---	---	---	---	---	44.1	---	---	---	---	---	---	---	---	---	---	---	---
<i>Corydalis ochroleuca</i>	---	---	---	---	---	---	44.1	---	---	---	---	---	---	---	---	---	---	---	---
<i>Moltkia petraea</i>	---	---	---	---	---	---	44.1	---	---	---	---	---	---	---	---	---	---	---	---

<i>Juniperus communis</i> subsp. <i>hemisphaeric</i>	---	---	---	---	---	---	---	---	---	44.1	---	---	---	---	---	---	---	---	---	---	---	
<i>Crataegus monogyna</i>	---	---	---	---	---	---	---	---	---	24.0	---	---	---	8.6	---	---	---	---	---	---	---	---
<i>Chamaecytisus hirsutus</i>	---	---	---	---	---	---	---	---	---	30.3	23.2	---	---	---	---	---	---	---	---	---	---	---
<i>Lamium garganicum</i>	---	---	---	---	---	---	---	---	---	38.0	28.8	---	---	---	---	---	---	---	---	---	---	---
<i>Rhamnus alpinus</i> subsp. <i>fallax</i>	---	---	---	---	---	---	---	---	---	44.1	---	---	---	---	---	---	---	---	---	---	---	---
<i>Senecio aquaticus</i>	---	---	---	---	---	---	---	---	---	44.1	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cotoneaster nebrodensis</i>	---	---	---	---	---	---	---	---	---	44.1	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca rubra</i>	15.6	---	---	---	---	---	---	---	15.6	55.8	51.6	24.6	---	---	---	---	---	---	---	---	---	---
<i>Pinus nigra</i>	---	---	---	---	---	---	---	17.4	28.9	46.2	59.0	20.4	---	---	---	---	---	---	---	---	---	---
<i>Erica herbacea</i>	---	---	---	---	---	---	16.1	---	13.7	51.1	37.1	---	---	---	---	---	---	---	---	---	---	---
<i>Vicia cracca</i>	23.2	---	---	---	---	---	---	---	28.8	60.5	---	---	---	---	---	---	---	---	---	---	---	---
<i>Euphorbia spinosa</i>	---	---	---	---	---	---	---	---	---	49.0	---	---	---	---	---	---	---	---	---	---	---	---
<i>Erica herbacea</i>	---	---	---	---	---	---	---	---	---	51.4	---	---	---	---	---	---	---	---	---	---	---	---
<i>Eryngium amethystinum</i>	---	---	---	---	---	---	---	---	---	60.2	---	---	---	---	---	---	---	---	---	---	---	---
<i>Carlina acanthifolia</i>	---	---	---	---	---	---	---	---	---	60.2	---	---	---	---	---	---	---	---	---	---	---	---
<i>Senecio squalidus</i>	27.4	---	---	---	---	---	---	---	15.3	55.8	---	---	---	---	---	---	---	---	---	---	---	---
<i>Campanula spatulata</i>	49.0	---	---	---	---	---	---	23.2	12.3	47.3	---	---	---	---	---	---	---	---	---	---	---	---
<i>Arenaria agrimonoides</i>	---	---	---	---	---	39.5	18.1	35.7	58.7	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Symphytum tuberosum</i>	---	---	---	---	---	---	12.3	---	10.1	77.0	30.7	---	---	---	---	---	---	---	---	---	---	---
<i>Polygala nicaensis</i>	---	---	---	---	---	---	37.8	20.9	45.6	26.6	---	---	---	---	---	---	---	---	---	---	---	---
<i>Melittis melissophyllum</i>	---	---	---	---	---	---	---	10.1	77.0	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Dianthus sylvestris</i>	---	---	---	---	---	---	---	---	49.0	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Asplenium trichomanes</i>	---	25.6	0.2	---	16.4	9.1	16.4	---	63.9	---	---	---	1.9	---	---	---	---	5.3	---	---	---	---
<i>Anthoxanthum odoratum</i>	11.4	---	---	4.7	11.4	13.0	47.7	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Carduus acanthoides</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Fraxinus ornus</i>	---	---	---	---	---	---	---	23.2	---	---	3.1	---	---	---	---	---	---	---	---	---	---	---
<i>Silene vallesia</i>	---	---	---	---	---	---	---	17.9	---	8.6	---	---	---	---	---	---	---	---	---	---	---	---
<i>Chærophylum hirsutum</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Dianthus sylvestris</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca rubra</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Carex digitata</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Muscari neglectum</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Brachypodium sylvaticum</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Polygala nicaensis</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Anthoxanthum odoratum</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Dianthus sylvestris</i>	---	---	---	---	---	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Geum urbanum</i>	---	---	---	---	---	---	---	23.2	---	3.1	---	---	---	---	---	---	---	---	---	---	---	---
<i>Juniperus oxycedrus</i>	---	---	---	---	---	---	---	17.9	---	8.6	---	---	---	---	---	---	---	---	---	---	---	---
<i>Lamium garganicum</i>	---	---	---	---	---	---	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Ostrya carpinifolia</i>	---	---	---	---	---	---	---	70.5	---	3.1	---	---	---	---	---	---	---	---	---	---	---	---
<i>Geranium sanguineum</i>	---	---	---	---	---	---	---	57.4	---	8.6	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cardamine hirsuta</i>	---	---	---	---	30.3	---	---	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Primula elatior</i>	34.2	23.0	---	---	---	14.6	49.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Knautia drymeia</i>	---	---	8.5	---	---	24.6	---	29.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Lembotropis nigricans</i> subsp. <i>australi</i>	---	---	---	---	---	26.0	27.8	5.9	2.8	---	17.7	3.2	3.2	---	---	---	---	---	---	---	---	---
<i>Staelhelina uniflosculosa</i>	---	---	---	---	20.1	---	38.0	12.3	44.1	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Poa bulbosa</i>	---	---	7.4	14.3	5.4	19.9	23.0	---	15.8	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Spartium junceum</i>	---	---	---	---	---	---	---	60.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Paliurus spina-christi</i>	---	---	---	---	---	---	---	46.8	---	5.7	---	---	---	---	---	---	---	---	---	---	---	---
<i>Carlina vulgaris</i>	---	---	---	---	---	---	---	56.8	---	3.2	---	---	---	---	---	---	---	---	---	---	---	---
<i>Pistacia lentiscus</i>	---	---	---	---	---	---	---	88.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Erica arborea</i>	---	---	---	---	---	---	---	86.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Arbutus unedo</i>	---	---	---	---	---	---	---	81.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cytisus villosus</i>	---	---	---	---	---	---	---	76.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Pyracantha coccinea</i>	---	---	---	---	---	---	---	76.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Dorycnium hirsutum</i>	---	---	---	---	---	---	---	74.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Anemone hortensis</i>	---	---	---	---	---	---	---	78.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Phillyrea latifolia</i>	---	---	---	---	---	---	---	64.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Viburnum tinus</i>	---	---	---	---	---	---	---	68.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Psoralea bituminosa</i>	---	---	---	---	---	---	---	57.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Micromeria juliana</i>	---	---	---	---	---	---	---	63.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Convolvulus althaeoides</i>	---	---	---	---	---	---	---	71.8	---	5.3	---	---	---	---	---	---	---	---	---	---	---	---
<i>Quercus ilex</i>	---	---	---	---	---	---	---	60.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Teucrium polium</i>	---	---	---	---	---	---	---	64.9	---	5.3	---	---	---	---	---	---	---	---	---	---	---	---
<i>Trifolium angustifolium</i>	---	---	---	---	---	---	---	75.1	---	3.8	---	---	---	---	---	---	---	---	---	---	---	---

<i>Asparagus acutifoios</i>	---	---	---	---	---	---	---	---	---	---	---	---	57.2	---	---	---	---	---	---	---	
<i>Cistus incanus</i>	---	---	---	---	---	---	---	---	---	---	---	---	71.8	---	---	---	---	---	---	---	
<i>Cercis siliquastrum</i>	---	---	---	---	---	---	---	---	---	---	---	---	53.6	---	---	---	---	---	---	---	
<i>Cotinus coggygria</i>	---	---	---	---	---	---	---	---	---	---	---	---	55.4	8.5	---	---	---	---	---	---	
<i>Fumana procumbens</i>	---	---	---	---	---	---	---	---	---	---	---	---	59.8	---	1.3	---	---	---	---	---	
<i>Ruscus aculeatus</i>	---	---	---	---	---	---	---	---	---	---	---	---	54.1	---	---	---	---	---	---	---	
<i>Rosa sempervirens</i>	---	---	---	---	---	---	---	---	---	---	---	---	50.8	---	---	---	---	---	---	---	
<i>Smilax aspera</i>	---	---	---	---	---	---	---	---	---	---	---	---	50.8	---	---	---	---	---	---	---	
<i>Knautia arvensis</i>	---	---	---	---	---	---	---	---	---	---	---	---	50.8	---	---	---	---	---	---	---	
<i>Anagallis foemina</i>	---	---	---	---	---	---	---	---	---	---	---	---	46.8	---	---	---	---	---	---	---	
<i>Calystegia sepium</i>	---	---	---	---	---	---	---	---	---	---	---	---	47.4	---	---	---	---	---	---	---	
<i>Quercus coccifera</i>	---	---	---	---	---	---	---	---	---	---	---	---	47.4	---	---	---	---	---	---	---	
<i>Cistus salvifolius</i>	---	---	---	---	---	---	---	---	---	---	---	---	68.7	---	---	---	---	---	---	---	
<i>Chrysopogon gryllus</i>	---	---	---	---	---	---	---	---	---	---	---	---	54.1	---	19.9	---	---	---	---	---	
<i>Micromeria juliana</i>	---	---	---	---	---	---	---	---	---	---	---	---	34.9	4.8	---	---	---	---	---	---	
<i>Convolvulus althaeoides</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---	---	
<i>Euphorbia myrsinifolia</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---	---	
<i>Teucrium polium</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---	---	
<i>Erica arborea</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---	---	
<i>Helianthemum nummularium</i>	---	---	---	---	---	---	---	---	---	---	---	---	9.9	3.1	---	---	---	---	---	---	
<i>Pyracantha coccinea</i>	---	---	---	---	---	---	---	---	---	---	---	---	24.9	---	---	---	---	---	---	---	
<i>Staehelina uniflosculosa</i>	---	---	---	---	---	---	---	---	---	---	---	---	1.3	16.2	---	---	---	---	---	---	
<i>Phlomis fruticosa</i>	---	---	---	---	---	---	---	---	---	---	---	---	30.6	---	---	---	---	---	---	---	
<i>Muscari comosum</i>	---	---	---	---	---	---	---	---	---	---	---	---	20.6	1.1	---	---	---	---	---	---	
<i>Salvia verticillata</i>	---	---	---	---	---	---	---	---	---	---	---	---	35.5	---	---	---	---	---	---	---	
<i>Putoria calabrica</i>	---	---	---	---	---	---	---	---	---	---	---	---	22.9	9.2	2.8	10.0	---	---	---	---	
<i>Coronilla emerus</i>	---	---	---	---	---	---	---	---	---	---	---	---	43.2	---	---	---	---	---	---	---	
<i>Campanula glomerata</i>	---	---	---	---	---	---	---	---	---	---	---	---	31.7	19.5	---	---	---	---	---	---	
<i>Geranium purpureum</i>	---	---	---	---	---	---	---	---	---	---	---	---	43.4	---	---	---	---	---	---	---	
<i>Polygala vulgaris</i>	---	---	---	---	---	---	---	---	---	---	---	---	30.2	14.7	---	---	---	---	---	---	
<i>Leontodon cichoraceus</i>	---	---	---	---	---	---	---	---	---	---	---	---	24.0	28.3	---	---	---	---	---	---	
<i>Fraxinus ornus</i>	---	---	---	---	---	---	---	0.8	---	7.4	---	---	35.3	42.4	---	---	---	---	---	---	
<i>Trifolium pignantii</i>	---	---	---	---	---	---	---	---	---	11.9	---	---	47.1	---	---	---	---	---	---	---	
<i>Ostrya carpinifolia</i>	---	---	---	---	---	---	15.5	---	11.5	8.1	---	---	48.0	---	---	---	---	---	---	---	
<i>Prunella vulgaris</i>	---	---	---	---	---	---	17.6	---	---	---	---	---	49.0	---	---	---	---	---	---	---	
<i>Festuca heterophylla</i>	---	---	---	---	---	---	---	---	---	---	---	---	56.0	---	---	---	---	---	---	---	
<i>Astragalus monspessulanus</i>	---	---	---	---	---	---	---	---	---	---	---	---	54.1	---	---	---	---	---	---	---	
<i>Quercus cerris</i>	---	---	---	---	---	---	---	---	---	---	---	---	54.9	---	---	---	---	---	---	---	
<i>Carpinus orientalis</i>	---	---	---	---	---	---	---	---	---	---	---	4.9	66.2	---	---	---	---	---	---	---	
<i>Dorycnium pentaphyllum</i>	---	---	---	---	---	---	---	---	---	---	---	---	3.5	---	66.6	---	---	---	---	---	
<i>Juniperus oxycedrus</i>	---	---	---	---	---	---	---	---	---	---	---	---	4.8	---	26.7	46.8	---	---	---	---	
<i>Helleborus odorus</i>	---	---	---	---	8.6	0.8	0.8	12.2	24.9	8.6	---	---	47.7	---	---	44.0	---	---	0.8	43.6	
<i>Geranium columbinum</i>	---	---	---	---	---	---	---	---	---	---	---	---	0.8	43.6	---	45.1	---	---	45.1	---	
<i>Quercus trojana</i>	---	---	---	---	---	---	---	---	---	---	---	---	0.8	43.6	---	44.0	---	---	44.0	---	
<i>Stachys scardica</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	10.5	---	---	
<i>Equisetum majus</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	10.5	---	---	
<i>Clematis flammula</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	10.5	---	---	
<i>Trifolium patens</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	10.5	---	---	
<i>Linum catharticum</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	14.8	---	---	
<i>Petasites albus</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	14.8	---	---	
<i>Chlora perfoliata</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	14.8	---	---	
<i>Selaginella selaginoides</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	14.8	---	---	
<i>Melissa officinalis</i>	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	14.8	---	---	14.8	---	---	
<i>Platanus orientalis</i>	---	---	---	---	---	---	---	---	---	---	---	6.0	8.6	---	26.0	66.5	---	46.1	---	---	46.1
<i>Agrimonia eupatoria</i>	---	---	---	---	---	---	---	---	---	---	---	---	6.0	8.6	---	64.6	29.3	---	60.9	27.2	---
<i>Delphinium peregrinum</i>	---	---	---	---	---	---	---	---	---	---	---	---	26.0	---	66.5	66.5	---	57.9	---	---	
<i>Echium vulgare</i>	---	---	---	---	---	---	---	---	---	---	---	4.8	---	56.6	56.6	---	56.6	---	---	56.6	
<i>Chamomilla recutita</i>	---	---	---	---	---	---	---	---	---	---	---	---	4.8	---	56.6	56.6	---	56.6	---	---	
<i>Aegilops neglecta</i>	---	---	---	---	---	---	---	---	---	---	---	---	56.6	---	56.6	56.6	---	56.6	---	---	
<i>Ballota rupestris</i>	---	---	---	---	24.0	---	---	---	---	---	---	---	57.9	---	57.9	57.9	---	57.9	---	---	
<i>Lolium arvense</i>	---	---	---	---	---	---	---	---	---	---	---	---	46.1	---	46.1	46.1	---	46.1	---	---	
<i>Bromus sterilis</i>	---	---	---	---	---	---	---	---	---	---	---	---	64.6	29.3	64.6	64.6	---	64.6	---	---	
<i>Chenopodium album</i>	---	---	---	---	---	---	---	---	---	---	---	---	60.9	27.2	60.9	60.9	---	60.9	---	---	
<i>Cichorium intybus</i>	---	---	---	---	---	---	---	---	---	---	---	---	52.2	32.4	52.2	52.2	---	52.2	---	---	
<i>Senecio vulgaris</i>	---	---	---	---	---	---	---	---	---	---	---	---	46.1	---	46.1	46.1	---	46.1	---	---	
<i>Calepina irregularis</i>	---	---	---	---	---	---	---	---	---	---	---	---	46.1	---	46.1	46.1	---	46.1	---	---	

<i>Hordeum vulgare</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46.1	---	---	---		
<i>Mentha piperita</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	73.5	---	---	---		
<i>Matricaria chamomilla</i>	---	---	---	---	---	---	---	---	---	---	3.3	---	48.2	---	---	---	---	---		
<i>Papaver rhoeas</i>	---	---	---	---	---	---	---	---	---	---	57.9	---	44.1	---	---	---	---	---		
<i>Sherardia arvensis</i>	---	---	---	---	---	---	---	---	---	---	64.6	29.3	---	---	---	---	---	---		
<i>Anagallis arvensis</i>	---	---	---	---	---	---	---	---	---	---	80.8	---	---	---	---	---	---	---		
<i>Euphorbia helioscopia</i>	---	---	---	---	---	---	---	---	---	---	52.9	41.1	---	---	---	---	---	---		
<i>Ranunculus arvensis</i>	---	---	---	---	---	---	---	---	---	---	57.9	11.1	---	---	---	---	---	---		
<i>Potentilla reptans</i>	---	---	---	---	---	---	---	---	---	24.0	11.8	22.2	---	---	---	---	---	---		
<i>Filago vulgaris</i>	---	---	---	---	---	---	---	---	---	10.5	---	29.3	---	---	---	---	---	---		
<i>Avena fatua</i>	---	---	---	---	---	---	---	---	---	1.3	---	42.3	11.1	---	---	---	---	---		
<i>Rubus ulmifolius</i>	---	---	---	---	---	---	---	---	---	---	---	36.6	---	---	---	---	---	---		
<i>Poa annua</i>	---	---	---	---	---	---	---	---	29.6	---	27.2	---	---	---	---	---	---	---		
<i>Vicia villosa</i>	---	---	---	---	---	---	---	---	3.3	3.8	29.3	---	---	---	---	---	---	---		
<i>Malva sylvestris</i>	---	---	---	---	---	---	---	---	---	---	38.0	38.0	---	---	---	---	---	---		
<i>Lolium perenne</i>	---	---	---	---	---	---	---	---	---	---	36.6	16.6	---	---	---	---	---	---		
<i>Clematis vitalba</i>	---	---	---	---	---	---	---	---	6.0	---	36.6	---	---	---	---	---	---	---		
<i>Bupleurum falcatum</i>	---	---	12.0	---	---	---	7.1	23.2	---	---	40.4	11.5	---	---	---	---	---	---		
<i>Trifolium campestre</i>	---	---	---	---	---	---	---	---	---	7.1	38.4	4.8	---	---	---	---	---	---		
<i>Xanthium strumarium</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Sonchus arvensis</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Plantago lanceolata</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Sinapis arvensis</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Oxalis corniculata</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Poa media</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Vicia grandiflora</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Chrysanthemum vulgare</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Trifolium nigrescens</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---		
<i>Lolium multiflorum</i>	---	---	---	---	---	---	---	---	9.9	21.6	---	---	---	---	---	48.1	64.5	---		
<i>Eryngium campestre</i>	---	---	8.6	---	---	---	---	---	---	---	49.7	49.7	---	---	---	49.7	49.7	---		
<i>Convolvulus arvensis</i>	---	---	---	---	---	---	---	---	---	---	64.1	64.1	---	---	---	64.1	64.1	---		
<i>Plantago lanceolata</i>	---	---	---	---	---	---	---	---	---	27.2	60.9	---	---	---	27.2	60.9	---	---		
<i>Geranium molle</i>	---	---	---	---	---	---	---	---	---	---	56.6	---	---	---	---	56.6	56.6	---		
<i>Dianthus carthusianorum</i>	---	---	---	---	---	---	---	---	---	---	56.6	---	---	---	---	56.6	56.6	---		
<i>Hieracium villosum</i>	---	---	---	---	---	---	---	---	---	---	56.6	---	---	---	---	56.6	56.6	---		
<i>Bromus arvensis</i>	---	---	---	---	---	---	---	---	---	---	56.6	---	---	---	---	56.6	56.6	---		
<i>Ficaria ranunculoides</i>	---	---	---	---	---	---	---	---	---	---	56.6	---	---	---	---	56.6	56.6	---		
<i>Arum italicum</i>	---	---	---	---	---	---	---	---	---	13.4	48.2	---	---	---	13.4	48.2	48.2	---		
<i>Portulaca oleracea</i>	---	---	---	---	---	---	---	---	---	13.4	48.2	---	---	---	13.4	48.2	48.2	---		
<i>Galium aparine</i>	---	---	---	---	---	---	---	---	---	11.1	57.9	---	---	---	11.1	57.9	57.9	---		
<i>Astragalus depressus</i>	---	---	---	---	---	---	---	---	---	---	46.1	---	---	---	---	46.1	46.1	---	---	
<i>Scrophularia canina</i>	---	---	---	---	---	---	---	---	---	---	46.1	---	---	---	---	46.1	46.1	---	---	
<i>Centaurea scabiosa</i>	---	---	---	---	---	---	---	---	---	---	46.1	---	---	---	---	46.1	46.1	---	---	
<i>Phleum pratense</i>	---	---	---	---	---	---	---	---	---	---	46.1	---	---	---	---	46.1	46.1	---	---	
<i>Salvia pratensis</i>	---	---	40.2	21.5	---	---	---	---	---	---	52.3	---	---	---	---	52.3	52.3	---	---	
<i>Hieracium bifidum</i>	---	---	---	40.2	21.5	---	---	---	---	---	46.1	---	---	---	---	46.1	46.1	---	---	
<i>Verbena officinalis</i>	---	---	---	---	---	---	---	---	---	15.5	---	47.9	---	---	15.5	47.9	47.9	---	---	
<i>Rumex crispus</i>	---	---	---	---	---	---	---	---	---	---	31.7	56.6	---	---	---	31.7	56.6	56.6	---	
<i>Taraxacum officinale</i>	---	2.9	---	---	---	---	---	---	---	---	11.5	59.6	---	---	---	11.5	59.6	59.6	---	
<i>Centaurea cyanus</i>	---	---	---	---	---	---	---	---	---	3.8	---	52.9	---	---	3.8	52.9	52.9	---	---	
<i>Bellis perennis</i>	---	---	---	---	---	---	---	---	---	---	35.2	50.4	---	---	---	35.2	50.4	50.4	---	
<i>Sanguisorba minor</i>	---	---	---	---	---	---	4.4	35.8	---	---	58.1	---	---	---	---	58.1	58.1	---	---	
<i>Trifolium pratense</i>	---	---	---	---	---	12.0	---	---	---	---	29.3	52.9	---	---	---	29.3	52.9	52.9	---	
<i>Bromus erectus</i>	---	---	---	---	36.6	---	---	---	---	---	1.9	69.2	---	---	---	1.9	69.2	69.2	---	
<i>Calamagrostis arundinacea</i>	---	---	4.0	16.6	---	---	---	---	---	---	64.6	---	---	---	---	64.6	64.6	---	---	
<i>Erodium cicutarium</i>	16.4	3.9	35.5	---	---	---	---	---	---	---	5.7	52.9	---	---	---	5.7	52.9	52.9	---	
<i>Leontodon crispus</i>	---	18.5	20.4	---	---	---	---	---	24.0	19.8	---	22.5	54.7	---	---	22.5	54.7	54.7	---	
<i>Cynosurus cristatus</i>	23.9	19.3	7.4	---	19.8	---	---	---	---	---	6.4	46.7	---	---	---	6.4	46.7	46.7	---	
<i>Achillea millefolium</i>	---	---	---	---	---	---	---	---	---	---	28.5	51.8	---	---	---	28.5	51.8	51.8	---	
<i>Acinos arvensis</i>	---	---	---	---	---	19.8	---	---	---	13.7	53.2	---	---	---	13.7	53.2	53.2	---	---	
<i>Geranium dissectum</i>	---	---	---	---	---	---	---	---	---	9.0	7.9	21.2	---	---	9.0	7.9	21.2	---	---	
<i>Medicago lupulina</i>	---	---	---	---	---	---	---	---	35.3	---	2.5	12.5	---	---	---	35.3	2.5	12.5	---	
<i>Nigella arvensis</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	32.5	32.5	---	---
<i>Onosma arenaria</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	32.5	32.5	---	---
<i>Saponaria calabrica</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	32.5	32.5	---	---
<i>Festuca pratensis</i>	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	32.5	32.5	---	---	

<i>Potentilla erecta</i>	---	---	---	---	---	---	---	---	---	---	---	---	8.6	---	16.6	---	---
<i>Aegilops geniculata</i>	---	---	---	---	---	---	---	---	---	---	---	---	8.6	---	16.6	---	---
<i>Ranunculus sardous</i>	---	---	---	---	---	4.0	---	---	---	---	---	---	38.0	38.0	---	---	---
<i>Galium mollugo</i>	---	---	---	18.3	---	---	---	---	---	---	---	17.8	---	29.3	---	---	
<i>Dorycnium herbaceum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	34.5	---	---	---
<i>Veronica persica</i>	---	---	---	---	---	---	---	---	---	---	---	---	38.0	38.0	---	---	---
<i>Rubus ulmifolius</i>	---	---	---	---	---	---	---	---	---	---	41.5	---	12.1	---	---	---	---
<i>Cirsium arvense</i>	---	---	---	---	---	---	---	---	---	---	---	---	36.6	---	---	---	---
<i>Centaurea triumfetti</i>	---	---	4.0	---	---	---	---	---	---	---	---	5.7	41.1	---	---	---	---
<i>Cerastium decalvans</i>	37.8	---	35.1	18.9	---	---	---	20.9	14.1	---	---	---	---	---	---	---	---
<i>Carduus tenuus</i>	39.9	---	---	---	---	---	---	39.1	---	---	---	---	---	---	---	---	---
<i>Ramonda serbica</i>	---	32.5	32.5	44.1	25.4	---	---	---	---	---	---	---	39.7	---	---	---	---
<i>Anthyllis vulneraria</i>	---	---	---	20.4	---	---	---	---	---	---	---	---	39.7	---	---	---	---
<i>Muscatella neglectum</i>	---	---	26.0	20.3	---	13.5	---	39.5	4.2	---	---	---	3.2	---	---	---	---
<i>Juniperus communis subsp.nana</i>	---	---	25.6	33.6	40.2	---	---	---	---	---	---	---	---	---	---	---	---
<i>Trifolium alpestre</i>	---	---	43.6	35.2	25.6	44.6	---	---	---	---	---	---	---	---	---	---	---
<i>Saponaria calabrica</i>	---	---	---	---	40.2	---	---	40.2	---	---	---	---	23.7	---	---	---	---
<i>Salvia glutinosa</i>	---	---	---	---	27.8	39.5	25.8	8.4	---	---	2.8	---	---	---	---	---	---
<i>Bellis sylvestris</i>	---	---	---	---	17.6	---	---	4.8	---	38.6	---	---	---	---	---	---	---
<i>Tussilago farfara</i>	---	---	---	---	26.6	17.2	9.8	---	10.8	0.9	---	2.5	---	---	---	---	---
<i>Oenanthe pimpinelloides</i>	---	---	---	25.1	23.0	7.4	---	---	---	0.2	44.3	---	---	---	---	---	---
<i>Stachys recta</i>	19.1	---	---	---	---	---	41.4	23.4	27.7	0.7	4.0	---	---	---	---	---	---
<i>Digitalis grandiflora</i>	21.6	---	---	---	---	---	21.6	42.3	44.1	---	---	---	---	---	---	---	---
<i>Colutea arborescens</i>	---	---	---	---	---	---	---	---	35.7	43.5	---	38.0	38.0	---	---	---	---
<i>Capsella bursa-pastoris</i>	---	---	---	---	---	---	---	---	---	10.5	---	10.5	---	---	---	---	---
<i>Linum strictum</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Reichardia picroides</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Equisetum telmateia</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Sedum sediforme</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Hypericum perforatum</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Parentucellia viscosa</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Cerinthie glabra</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Anthyllis aurea</i>	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---
<i>Filipendula vulgaris</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Luzula forsteri</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Alyssum alyssoides</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Salvia sclarea</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Elytrigia repens</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Quercus cerris</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Convolvulus cantabrica</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Silene aetolica</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Cerastium brachypetalum</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Linum tauricum</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Quercus frainetto</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Abelmoschus esculentus</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Helleborus odorus</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Cephalanthera damasonium</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Cichorium intybus</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Brachypodium pinnatum</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Festuca heterophylla</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Anthyllis vulneraria</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Polygonatum verticillatum</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Ranunculus nemorosus</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Verbascum phoeniceum</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Sedum rubens</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Leontodon cichoraceus</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Teucrium chamaedrys</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Bellis sylvestris</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Dactylorhiza incarnata</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Limodorum abortivum</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Sorbus domestica</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Crataegus monogyna</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Thymus longicaulis</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Ostrya carpinifolia</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Lathyrus aphaca</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---
<i>Buxus sempervirens</i>	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---

<i>Erica arborea</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Taraxacum officinale</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Helianthemum nummular</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Juncus obtusiflorus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Rubus ulmifolius</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Ajuga reptans</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Hedera helix</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Cornus mas</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Crepis neglecta</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Scabiosa argentea</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Pyrus amygdaliformis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Luzula forsteri</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Rosa canina</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Satureja vulgaris</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Crataegus orientalis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Campanula glomerata</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Tussilago farfara</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Acer campestre</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Cyclamen hederifolium</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Acer platanoides</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Clematis flammula</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Draba muralis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Potentilla reptans</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Gladiolus italicus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Carex ovalis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Salix elaeagnos</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Astragalus monspessulanus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Cornus sanguinea</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Prunus spinosa</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Potentilla micrantha</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Arabis verna</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Quercus trojana</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Juniperus communis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Vinca minor</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
<i>Verbascum glabratum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---
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<i>Malus sylvestris</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
<i>Crepis leontodontoides</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
<i>Briza maxima</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
<i>Avena sterilis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
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<i>Acer campestre</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
<i>Galium tricornutum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
<i>Pyrus amygdaliformis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
<i>Medicago carstiensis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8	---	---	---	---
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<i>Carlinea vulgaris</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
<i>Coronilla elegans</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
<i>Trifolium subterraneum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
<i>Equisetum maximum auct.</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
<i>Iris graminea</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
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<i>Pteridium aquilinum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
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<i>Lathyrus hirsutus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
<i>Plantago major</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---
<i>Ajuga chamaepitys</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---

<i>Rosa arvensis</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---
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<i>Blackstonia perfoliata</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---
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<i>Hypericum perforatum</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---
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<i>Pinus halepensis</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---
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<i>Misopates orontium</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---
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<i>Hypericum perforatum</i>	---	---	---	---	---	---	---	---	---	---	---	---	17.6	---	---	---	---	---	---
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<i>Ajuga genevensis</i>	---	---	---	---	---	---	---	---	---	---	---	---	18.2	---	---	---	---	---	---
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<i>Acer obtusatum</i>	---	---	---	---	---	---	---	---	---	---	---	---	18.2	---	---	---	---	---	---
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<i>Brachypodium distachyon</i>	---	---	---	---	---	---	---	---	---	---	---	---	9.9	3.1	---	---	---	---	---
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<i>Delphinium peregrinum</i>	---	---	---	---	---	---	---	---	---	---	---	---	24.9	---	---	---	---	---	---
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<i>Coronilla emerus</i>	---	---	---	---	---	---	---	---	---	---	---	---	18.3	---	---	---	---	---	---

<i>Scabiosa atropurpurea</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26.0	---	---	---	---	---
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<i>Allium sphaerocephalon</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Trisetum flavescens</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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<i>Arctostaphylos uva-ursi</i>	---	---	29.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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<i>Ptilotrichum baldacii</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Sedum atratum</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Cupressus species</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Narcissus poeticus</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Arabis glabra</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Orchis sambucina</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Geranium aristatum</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Gentiana verna</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Festuca bosniaca</i>	---	---	34.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Quercus frainetto</i>	---	---	---	---	---	---	---	---	---	---	---	---	32.2	---	---	---	---	---	---	---
<i>Digitalis ferruginea</i>	---	---	---	---	---	---	---	---	---	---	---	---	32.2	---	---	---	---	---	---	---
<i>Cercis siliquastrum</i>	---	---	---	---	---	---	---	---	---	---	---	35.5	---	---	---	---	---	---	---	---
<i>Muscaris racemosum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Clematis vitalba</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Calystegia sylvesteris</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Prunus spinosa</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Cynara cardunculus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Anchusa officinalis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Campanula pyramidalis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Helianthemum nummularium</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Symphytum bulbosum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---
<i>Asyneuma trichocalycinum</i>	---	---	---	---	---	---	---	---	---	---	---	17.3	5.4	---	---	---	---	---	---	---
<i>Onobrychis vicifolia</i>	---	---	---	---	---	---	---	---	---	---	---	34.1	---	---	---	---	---	---	---	---
<i>Quercus pubescens</i>	---	---	---	---	---	---	---	---	---	---	30.2	---	---	---	---	32.5	---	---	---	---
<i>Clematis viticella</i>	---	---	---	---	---	---	---	---	---	---	30.2	---	---	---	---	32.5	---	---	---	---
<i>Chenopodium vulvaria</i>	---	---	---	---	---	---	---	---	---	---	---	3.1	---	21.6	---	---	---	---	---	---
<i>Cistus incanus</i>	---	---	---	---	---	---	---	---	---	---	26.1	---	---	---	---	---	---	---	---	---
<i>Cercis siliquastrum</i>	---	---	---	---	---	---	---	---	---	---	39.8	---	---	---	---	---	---	---	---	---
<i>Cistus salviifolius</i>	---	---	---	---	---	---	---	---	---	---	39.8	---	---	---	---	---	---	---	---	---
<i>Geranium molle</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---	---
<i>Echium plantagineum</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---	---
<i>Phillyrea latifolia</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---	---
<i>Lycopsis arvensis</i>	---	---	---	---	---	---	---	---	---	---	39.8	---	---	---	---	---	---	---	---	---
<i>Aegilops triaristata</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---	---
<i>Melilotus officinalis</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---	---
<i>Sambucus ebulus</i>	---	---	---	---	---	---	---	---	---	---	---	32.5	---	---	---	---	---	---	---	---
<i>Alyssum murale</i>	---	---	---	---	---	---	---	---	---	---	8.6	---	16.6	---	---	---	---	---	---	---
<i>Campanula patula</i>	---	---	---	---	---	---	---	---	---	---	9.9	---	21.6	---	---	---	---	---	---	---
<i>Microseris graeca</i>	---	---	---	---	---	---	---	---	---	---	3.1	21.6	---	---	---	---	---	---	---	---
<i>Desmaezeria rigida</i>	---	---	---	---	---	---	---	---	---	---	3.1	21.6	---	---	---	---	---	---	---	---
<i>Hordeum bulbosum</i>	---	---	---	---	---	---	---	---	---	---	12.7	---	13.4	---	---	---	---	---	---	---
<i>Rosa canina</i>	---	---	---	---	---	---	---	---	---	---	12.7	13.4	---	---	---	---	---	---	---	---
<i>Pyrus amygdaliformis</i>	---	---	---	---	---	---	---	---	---	---	19.2	---	9.4	---	---	---	---	---	---	---
<i>Pistacia terebinthus</i>	---	---	---	---	---	---	---	---	---	---	35.5	---	---	---	---	---	---	---	---	---

<i>Briza media</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	35.5	---	---	---	---	---	---	---	
<i>Stipa pulcherrima</i>	---	---	23.2	19.1	---	---	---	---	---	---	---	---	---	22.7	7.1	---	---	---	---	---	---	
<i>Coronilla emerus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	6.0	---	16.6	---	---	---	---	---	
<i>Anchusa cretica</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	24.8	---	13.4	---	---	---	---	---	
<i>Scabiosa crenata</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Sorbus aucuparia</i>	---	---	---	---	---	---	20.1	---	---	---	---	---	---	---	16.2	---	---	---	---	---	---	
<i>Sedum album</i>	---	---	14.6	11.4	---	---	---	---	---	---	---	---	---	4.4	---	---	---	---	---	---	---	
<i>Brachypodium pinnatum</i>	---	---	---	---	---	---	---	---	17.9	---	18.3	---	---	18.3	---	16.6	---	---	---	---	---	
<i>Cynodon dactylon</i>	---	---	---	---	---	---	---	---	---	17.9	18.3	---	---	18.3	---	16.6	---	---	---	---	---	
<i>Lembotropis nigricans subsp. australi</i>	---	---	---	---	---	---	---	---	17.9	18.3	---	---	18.3	---	16.6	---	---	---	---	---	---	
<i>Rhamnus alaternus</i>	---	---	---	---	---	---	---	---	17.9	18.3	---	---	18.3	---	16.6	---	---	---	---	---	---	
<i>Verbascum sinuatum</i>	---	---	---	---	---	---	---	---	17.3	18.3	---	---	17.3	18.3	---	9.4	---	---	---	---	---	
<i>Linum tenuifolium</i>	---	---	---	---	---	---	---	---	0.4	32.8	---	---	0.4	32.8	---	---	---	---	---	---	---	
<i>Hypericum perforatum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	15.4	7.9	---	---	---	---	---	---	
<i>Dictamnus albus</i>	---	---	---	---	---	---	---	---	---	12.5	6.3	6.7	---	12.5	6.3	6.7	---	---	---	---	---	
<i>Quercus pubescens</i>	---	---	---	---	---	---	---	---	19.6	15.5	---	---	19.6	15.5	---	21.6	21.6	---	---	---	---	
<i>Chrysanthemum leucanthemum</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.6	21.6	---	---	---	---	
<i>Acer campestre</i>	---	---	---	---	---	---	---	---	10.1	26.3	---	---	10.1	26.3	---	---	---	---	---	---	---	
<i>Rhamnus fallax</i>	---	17.9	32.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Spartium junceum</i>	---	---	---	---	---	---	---	---	39.2	---	7.9	---	---	39.2	---	7.9	---	---	---	---	---	
<i>Rumex acetosa</i>	---	17.9	14.4	---	---	---	---	---	---	---	---	---	---	---	---	16.6	---	---	---	---	---	
<i>Prunus spinosa</i>	---	---	---	---	---	---	---	---	4.4	30.8	---	---	4.4	30.8	---	---	---	---	---	---	---	
<i>Myosotis arvensis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36.6	---	---	---	---	---	
<i>Anthyllis hermanniae</i>	---	---	---	---	---	---	---	---	1.4	26.6	0.7	---	1.4	26.6	0.7	---	---	---	---	---	---	
<i>Urtica dioica</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	21.6	21.6	---	---	---	---	---	---	
<i>Omalotheca hoppeana</i>	---	39.1	14.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Cyclamen hederifolium</i>	---	---	---	---	---	7.4	---	---	---	---	---	---	---	37.0	---	---	---	---	---	---	---	
<i>Echium italicum</i>	---	---	---	---	---	---	---	---	6.0	---	16.6	16.6	---	6.0	---	16.6	16.6	---	---	---	---	
<i>Chamaemelum nobile</i>	---	---	19.1	39.9	---	---	---	30.3	23.2	---	---	---	---	---	21.6	21.6	---	---	---	---	---	
<i>Onosma mattirolii</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.6	21.6	---	---	---	---	---	
<i>Sisymbrium officinale</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.6	21.6	---	---	---	---	---	
<i>Stellaria media</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	37.0	0.2	---	---	---	---	---	---	
<i>Potentilla micrantha</i>	---	---	---	---	---	---	---	---	---	---	6.3	---	6.3	---	6.3	---	---	---	---	---	---	
<i>Orchis mascula</i>	---	27.7	17.9	---	---	---	---	---	---	---	---	---	---	---	22.4	---	---	---	---	---	---	
<i>Colchicum autumnale</i>	---	14.6	27.2	27.3	---	---	---	---	---	---	---	---	---	20.1	2.5	22.4	---	---	---	---	---	
<i>Carlina frigida</i>	---	43.1	27.3	---	---	---	---	---	---	---	---	---	---	10.5	12.5	---	23.7	---	---	---	---	
<i>Centaureum erythraea</i>	---	---	---	---	---	---	---	---	3.2	31.6	4.2	---	3.2	31.6	4.2	---	---	---	---	---	---	
<i>Pyrus amygdaliformis</i>	---	---	---	---	---	---	---	---	10.8	5.7	---	---	10.8	5.7	---	22.4	---	---	---	---	---	
<i>Allium sphaerocephalon</i>	34.1	27.7	---	---	---	---	---	---	---	---	---	---	---	---	13.4	30.8	---	---	---	---	---	
<i>Orlaya grandiflora</i>	---	---	20.6	21.5	---	---	---	---	---	---	---	---	---	20.1	2.5	22.4	---	---	---	---	---	
<i>Phleum phleoides</i>	---	---	3.5	12.7	---	---	---	---	---	---	---	---	---	10.5	12.5	---	23.7	---	---	---	---	
<i>Silene alba</i>	---	34.1	16.3	17.9	---	---	---	34.2	---	---	---	---	---	27.2	14.7	14.7	---	---	---	---	---	
<i>Scorzonerella mollis</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Abelmoschus esculentus</i>	---	---	---	---	---	---	---	39.9	17.9	---	---	---	---	13.4	30.8	---	---	---	---	---	---	
<i>Hordeum murinum</i>	39.9	---	---	---	---	---	---	39.9	17.9	---	---	---	---	27.2	14.7	14.7	---	---	---	---	---	
<i>Lathyrus montanus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Trifolium arvense</i>	---	---	---	---	---	---	---	---	---	3.3	29.3	17.5	---	3.3	29.3	17.5	---	---	---	---	---	
<i>Cynosurus echinatus</i>	---	---	---	16.6	---	---	---	---	---	---	---	---	---	29.3	5.7	---	---	---	---	---	---	
<i>Rubus ideaus</i>	34.2	---	---	---	---	---	23.0	---	20.1	14.6	---	---	---	---	---	---	---	---	---	---	---	
<i>Thymus praecox</i>	34.2	---	---	---	---	---	---	---	43.1	14.6	---	---	---	---	---	---	---	---	---	---	---	
<i>Asyneuma limonifolium</i>	---	31.9	33.5	---	---	---	---	---	---	2.1	---	---	2.1	---	---	---	---	---	---	---	---	
<i>Euphorbia myrsinoides</i>	---	5.8	13.3	34.5	20.3	---	---	---	---	19.8	24.9	4.4	4.4	19.8	24.9	4.4	4.4	4.4	4.4	4.4	4.4	
<i>Digitalis lanata</i>	---	---	---	3.5	---	---	---	---	---	---	39.9	19.1	19.1	39.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
<i>Prunus spinosa</i>	---	---	36.9	29.7	---	---	---	23.2	28.8	34.1	---	---	---	---	---	---	---	---	---	---	---	
<i>Biscutella laevigata</i>	23.2	---	5.0	---	---	27.1	---	---	22.1	15.1	---	---	---	---	---	---	---	---	---	---	---	
<i>Verbasum densiflorum</i>	---	---	---	---	---	---	23.2	45.3	34.1	---	---	---	---	29.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	
<i>Ononis spinosa</i>	---	23.2	---	6.5	10.1	---	---	---	19.9	---	---	---	---	9.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	
<i>Achillea abrotanoides</i>	14.9	---	11.3	23.7	26.1	---	---	5.0	10.2	40.2	7.6	---	7.6	---	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
<i>Ononis spinosa</i>	---	---	---	---	---	---	---	6.8	15.2	20.7	---	---	20.7	---	36.9	---	36.9	---	36.9	---	36.9	
<i>Pteridium aquilinum</i>	---	---	---	21.6	9.1	---	---	---	5.9	16.3	26.9	21.6	21.6	4.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7	
<i>Centaurea alba</i>	---	---	---	14.4	29.2	41.4	43.1	---	23.4	16.3	---	---	---	30.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	
<i>Silene vulgaris</i>	---	---	---	5.3	15.7	---	5.3	13.7	---	13.7	---	30.7	11.0	11.0	25.3	35.0	35.0	35.0	35.0	35.0	35.0	
<i>Stachys germanica</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Rubus idaeus</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Rosa canina</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<i>Hypericum perforatum</i>	---	---	---	---	---	---	---	---	---	---	2.2	23.4	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0

<i>Satureja montana</i>	10.2	---	18.0	5.3	7.9	---	---	---	---	---	11.4	20.8	---	---	8.5	---	---	---	---
<i>Brachypodium sylvaticum</i>	---	---	---	---	---	---	---	13.9	19.8	28.1	19.8	---	---	44.6	---	---	---	---	
<i>Petrohragia saxifraga</i>	---	21.0	21.0	34.6	19.4	---	36.5	---	---	---	---	---	11.1	45.2	16.8	5.2	---	---	---
<i>Brachypodium pinnatum</i>	---	---	---	---	---	---	---	---	---	---	23.9	28.8	26.3	---	7.8	---	---	---	---
<i>Euphorbia cyparissias</i>	9.2	---	---	---	---	---	---	---	---	5.2	12.2	29.6	---	---	34.8	---	---	---	---
<i>Clinopodium vulgare</i>	5.2	---	---	---	---	---	---	---	---	---	21.0	---	8.5	38.0	---	6.4	---	---	---
<i>Helianthemum nummularium</i>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<i>Thymus longicaulis</i>	---	---	---	---	---	---	---	---	---	2.6	---	17.2	10.0	5.2	39.2	---	---	---	---
<i>Veronica chamaedrys</i>	---	---	---	---	---	---	---	3.9	---	2.4	26.3	11.2	---	37.5	---	---	---	---	---
<i>Teucrium chamaedrys</i>	---	---	---	---	---	0.1	---	---	---	2.7	26.8	11.4	---	44.3	---	---	---	---	---
<i>Hieracium cymosum</i>	28.1	---	15.7	---	---	---	---	11.8	5.1	11.8	24.0	24.0	---	---	---	5.8	---	---	---
<i>Viola odorata</i>	---	---	---	---	---	---	---	13.9	6.6	---	14.8	20.2	13.9	1.1	20.1	---	---	---	---
<i>Origanum vulgare</i>	---	---	---	---	---	---	---	---	---	---	6.3	---	14.1	23.4	9.5	3.8	---	---	---
<i>Juniperus communis</i>	14.3	---	---	---	---	10.1	23.0	14.3	7.4	32.6	17.0	38.5	---	---	---	0.2	---	---	---
<i>Armeria canescens</i>	30.6	---	44.7	35.7	21.6	---	---	---	---	15.5	---	---	---	---	---	---	---	---	---
<i>Lotus corniculatus</i>	---	---	---	---	---	---	---	---	---	---	13.2	---	4.4	34.6	40.8	---	---	---	---
<i>Crataegus monogyna</i>	---	---	---	---	---	---	---	---	14.8	---	18.3	10.5	---	39.8	---	3.8	---	---	---
<i>Acinos alpinus</i>	26.1	---	18.4	37.4	42.6	---	32.1	---	---	21.8	5.7	---	---	---	---	---	---	---	---
<i>Myosotis sylvatica</i>	13.2	---	---	---	---	4.7	---	4.5	15.8	8.4	1.9	8.4	26.8	38.6	15.8	---	---	---	---
<i>Primula veris</i>	---	---	---	---	4.7	---	4.5	15.8	8.4	1.9	8.4	26.8	38.6	15.8	---	---	---	---	---
<i>Fragaria vesca</i>	11.0	---	---	---	---	---	---	---	26.7	38.1	26.7	42.7	38.4	18.8	---	---	---	---	---
<i>Ceterach officinarum</i>	9.2	16.8	16.8	3.9	6.2	---	---	---	9.2	---	9.2	38.1	33.8	---	---	---	---	---	---
<i>Euphorbia amygdaloides</i>	9.5	---	---	---	---	---	---	17.2	24.4	34.7	9.5	38.9	19.5	17.2	---	---	---	---	---
<i>Melica ciliata</i>	11.4	---	19.3	---	---	19.3	20.5	---	---	4.7	27.4	43.8	39.5	---	---	---	13.0	---	---
<i>Dactylis glomerata</i>	---	---	---	---	---	---	12.5	---	---	---	1.7	15.0	---	42.1	---	22.1	---	---	---
<i>Vinca major</i>	---	---	---	---	---	---	---	---	---	---	---	---	18.3	---	---	---	---	---	---

- "Result Generated by Program"



Appendix 3

K – Vegjetacioni i shkembinjv, rrepirave dhe kreshtave

KC - Asplenietea trichomanis (Br.-Bl. in Meier et Br.-Bl. 1934) Oberd. 1977

KC02 - Potentilletalia caulescentis Br.-Bl. in Br.-Bl. et Jenny 1926

KC01A - Asplenio scolopendrii-Geranion robertiani Ferrez 2010

F – Vegjetacioni i zones Mesdhetare malore

FR - Daphno-Festucetea Quézel 1964

FR01 - Daphno-Festucetalia Quézel 1964

FR01C - Stipo pulcherrimae-Morinion persicae Quézel 1964

FE - Cytisetea scopario-striati Rivas-Mart. 1974

FE03 - Spartio juncei-Cytisetalia scoparii Mucina ordo nov. hoc loco

FE03B - Cytision oromediterraneo-scoparii Rivas-Mart. et al. 2002

FR02 - Saturejo spinosae-Scutellarietalia hirtae Dimopoulos et al. ex Bergmeier 2002

FR02A - Astragalion cretici Bergmeier 2002

C – Vegjetacioni i zones se pyjeve nemorale

CA - Carpino-Fagetea sylvaticae Jakucs ex Passarge 1968

CA02 - Fagetalia sylvaticae Pawłowski 1928

CA02A - Aremonio-Fagion (Horvat 1950) Borhidi in Török et al. 1989

CA02A1 - Asperulo odoratae-Fagetum Sougnez et Thill 1959

CA02 - Fagetalia sylvaticae Pawłowski 1928

CA02A - Aremonio-Fagion (Horvat 1950) Borhidi in Török et al. 1989

CB - Quercetea pubescantis Doing-Kraft ex Scamoni et Passarge 1959

CB01 - Quercetalia pubescenti-petraeae Klika 1933

CB01G - Carpinion orientalis Horvat 1958

CB01Ga – Querco carpinetum submediterraneum Wrb. 1954

CB01N - Quercion confertae Horvat 1958

CB01Na – Querco – conferta cerris (Knapp 1944) Rud 1946

CD - Crataego-Prunetea Tx. 1962 nom. conserv. Propos

CD02 - Paliuretalia Trinajstić 1978

CD02D - Buxo-Syringion P. Fukarek ex Diklić 1965

CD2Da – Buxo Juniperetum Horv. 1954

CD03 - Pyro spinosae-Rubetalia ulmifolii Biondi, Blasi et Casavecchia in Biondi et al. 2014

CD03A - Pruno spinosae-Rubion ulmifolii O. de Bolòs 1954

CM - Molinio-Arrhenatheretea Tx. 1937

CM01 - Arrhenatheretalia elatioris Tx. 1931

CM01C - Cynosurion cristati Tx. 1947

CO - Erico-Pinetea Horvat 1959

CO02 - Pinetalia pallasianae-kochianae Korzhenevsky 1998

CO02A - Pinion pallasianae Korzhenevsky 1998

CO01 - Erico-Pinetalia Horvat 1959 nom. conserv. propos.

CO01H - Pinion heldreichii Horvat 1946

CO01Ha - Seslerio – Pinetum leucodermis Vangjeli 1984.



F – Vegetacioni i zones Mesdhetare

- FA - *Quercetea ilicis Br.-Bl. ex A. Bolòs et O. de Bolòs in A. Bolòs y Vayreda 1950*
FA01 - *Quercetalia ilicis Br.-Bl. ex Molinier 1934*
FA01A - *Quercion ilicis Br.-Bl. ex Molinier 1934*
FA01Aa - *Arbuto- Quercetum ilicis Br Bl 1938*
FA04 - *Pistacio -Rhamnetalia alaterni Rivas-Mart. 1975*
FA04A - *Ericion arboreae Rivas-Mart. 1987*
FA04Aa – *Pistacio lentisci-Juniperetum oxycedri Allegrezza, Biondi, Formica & Ballelli 1997*
FB - *Ononido-Rosmarinetea Br.-Bl. in A. Bolòs et Vayreda 1950*
FB06 - *Cisto-Ericetalia Horvatic 1957*
FB06C – *Cisto-Ericion Horvatic 1957*
FB06Ca – *Cisto ericetum arboreae Horvatic 1957*

H – Pyjet dhe shkurret Aluviale

- HA - *Alno glutinosae-Populetea albae P. Fukarek et Fabijanić 1968*
HA01 - *Populetalia albae Br.-Bl. ex Tchou 1949 nom. conserv. propos.*
HA01E - *Platanion orientalis I. Kárpáti et V. Kárpáti 1961*

Q - Vegetacioni Anthropogenik

- QC - *Chenopodieta Br.-Bl. in Br.-Bl. et al. 1952*
QC02 - *Chenopodietalia Br.-Bl. in Br.-Bl. et al. 1936*
QC02A - *Chenopodium muralis Br.-Bl. in Br.-Bl. et al. 1936.*

Appendix. 4 BAM Per Plant community

Number of relevés: 257

Number of species

K - Vegetation of rock crevices and scree

KH - *Drypidetea spinosae* Quézel 1964

KH01 = *Drypidetalia spinosae* Quézel 1964

KHOIE = *Campanulion hawkinsianae* Quézel 1967

KHOIE - *Campanulion hawkinsianae* Quezel 1967
KHOIE2 - *Saxifrago alpina Lamiotum pictum* Quezel 1973

KC - Asplenietea trichomanis (Br.-Bl. in Meier et Br.-Bl. 1934) Oberd. 1977

KC02 - *Potentilla letalis caulescens* Br.-Bl. in Br.-Bl. et Jenny 1926

KC01A - Asplenio scolopendrii-Geranion robertiani Ferrez 2010

B - Vegetation of the boreal zone

BA - Vaccinio-Piceetea Br.-Bl. in Br.-Bl. et al. 1939

BA01 - *Piceetalia excelsae* Pawłowski et al. 1928

BA01C - Juniperion nanae Fk 1960

F - Vegetation of the mediterranean zone

FR - Vegetation of the Mediterranean
FR - *Daphno-Festucetea* Quézel 1964

FR02 - Satureja spinosae-Scutellarietalia hirtae Dimopoulos et al. ex Bergmeier 2002

FR02A - Astragalion cretici Bergmeier 2002

FR02A1 - Astragalus creticus Bergmeier 2002

PROZAI ASTRAG

Sideritis roesei

Digitized 10000

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C - Vegetation of the nemoral forest zone

CA - Querco-Fagetea Br Bl et Vlierg 1937

CA02 - *Fagetalia sylvaticae* Pawłowski 1928

CA02A - Fagion moesiaceae hellenicum (*Dafis 1973*) *Ellenberg et Gllavac 1974*

CA02A1 - Fagetum montanum hellenicum Dafis 1968

C - Vegetation of the nemoral forest zone

CO - Erico-Pinetea Horvat 1959

C002 - *Pinetalia pallasianae-kochianae* Korzhenevsky 1998

C002A - *Pinion pallasianae* Korzhenevsky 1998

C - Vegetation of the nemoral forest zone

CO - *Erico-Pinetea* Horvat 1959

C001 - Erico-Pinetalia Horvat 1959 nom. conserv. propos

CO01H - *Pinion heldreichii* Horvat 1946

Seslerio - Pinetum leucodermis Vangjeli 1984

F - Vegetation of the mediterranean zone

FA - Quercetea ilicis Br.-Bl. ex A. Bolòs et O. de Bolòs in A. Bolòs y Vayreda 1950

FA01 - Quercetalia ilicis Br.-Bl. ex Molinier 1934

FA01A - Quercion ilicis Br.-Bl. ex Molinier 193

C - Vegetation of the nemoral forest zone



CB - Quercetea pubescens Doing-Kraft ex Scamoni et Passarge 1959

CB01 - Quercetalia pubescenti-petraeae Klika 1933

CB01N - Quercion confertae Horvat 1958

Q - Anthropogenic vegetation

QC - Chenopodietae Br.-Bl. in Br.-Bl. et al. 1952

QC02 - *Chenopodietalia* Br.-Bl. in Br.-Bl. et al. 1936

QC02A - *Chenopodium muralis* Br.-Bl. in Br.-Bl. et al. 1936

C - Vegetation of the nemoral forest zone

CM01 - Arrhenatheretalia elatioris Tx. 1931

CM01C - *Cynosurion cristati* Tx. 1947

- ### **• "Result Generated by Program"**

C002A - *Pinion pallasianae* Korzhenevsky 1998

<i>Achillea abratanoides</i>	.	.	.	.	.	.	.	.	.	.	40	67	.	.	.	.	.	.
<i>Thymus longicaulis</i>	.	.	.	.	.	.	.	.	.	.	25	.	80	17	48	64	.	22
<i>Melittis melissophyllum</i>	.	.	.	.	.	.	.	.	.	.	70	17	.	3	.	.	.	.
<i>Achillea fraasii</i>	.	.	.	.	.	.	.	.	.	.	10	.	.	.	.	.	.	.

C - Vegetation of the nemoral forest zone

CO - *Erico-Pineta* Horvat 1959

C001 - *Erico-Pinetalia* Horvat 1959 nom. conserv. propos.

C001H - *Pinion heldreichii* Horvat 1946

Seslerio - *Pinetum leucodermis* Vangjeli 1984

<i>Achillea distans</i>	.	.	.	.	.	.	.	.	.	.	10	33	.	.	.	.	.	.
<i>Rhamnus alaternus</i>	.	.	.	.	.	.	.	.	.	.	10	.	12	.	.	.	.	.
<i>Verbascum densiflorum</i>	.	.	.	20	.	.	.	.	.	.	25	30	50	.	.	.	.	.
<i>Rhamnus saxatilis</i>	.	.	.	.	.	.	.	.	.	.	.	33	.	.	.	.	.	.
<i>Rhamnus saxatilis</i>	.	.	.	.	.	.	.	.	.	.	.	17	.	.	.	.	.	.
<i>Rumex nepalensis</i>	.	.	.	.	.	.	.	.	.	.	.	33	.	.	.	.	.	.
<i>Thymus praecox</i>	.	.	.	.	.	.	.	.	.	.	10	50	.	.	.	.	.	.

F - Vegetation of the mediterranean zone

FA - *Quercetea ilicis* Br.-Bl. ex A. Bolós et O. de Bolós in A. Bolós y Vayreda 1950

FA01 - *Quercetalia ilicis* Br.-Bl. ex Molinier 1934

FA01A - *Quercion ilicis* Br.-Bl. ex Molinier 1934

<i>Phlomis fruticosa</i>	.	.	.	.	.	.	.	.	.	.	20	31	22	.	.	.	.	.
<i>Centaureum erythraea</i>	.	.	.	.	.	.	.	.	.	.	44	.	.	.	.	.	.	.
<i>Rosa sempervirens</i>	.	.	.	.	.	.	.	.	.	.	76	.	.	.	.	.	.	.
<i>Cistus salviifolius</i>	.	.	.	.	.	.	.	.	.	.	96	19	33	11	.	.	.	.
<i>Teucrium polium</i>	.	.	.	.	.	.	.	.	.	.	76	29	.	.	.	.	.	.
<i>Cotinus coggygria</i>	.	.	.	.	.	.	.	.	.	.	92	12	.	.	.	.	.	.
<i>Cistus incanus</i>	.	.	.	.	.	.	.	.	.	.	8	.	.	.	.	.	.	.
<i>Rosa arvensis</i>	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Plantago major</i>	.	.	.	.	.	.	.	.	.	.	12	3	11	.	.	.	.	.
<i>Verbascum sinuatum</i>	.	.	.	.	.	.	.	.	.	.	70	88	76	.	11	.	.	.
<i>Fraxinus ornus</i>	.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.

C - Vegetation of the nemoral forest zone

CB - *Quercetea pubescens* Doing-Kraft ex Scamoni et Passarge 1959

CB01 - *Quercetalia pubescens-petraeae* Klika 1933

CB01N - *Quercion confertae* Horvat 1958

<i>Origanum vulgare</i>	.	.	.	.	.	.	.	.	.	40	17	52	53	56	44	.	.	.
<i>Juniperus oxycedrus</i>	.	.	.	.	.	.	.	.	.	60	.	84	86	33	44	.	.	.
<i>Rubus ulmifolius</i>	.	.	.	.	.	.	.	.	.	20	49	33	44	.	.	.	.	.
<i>Hypericum perforatum</i>	.	.	.	.	.	.	.	.	.	8	10	11	.	.	.	.	.	.
<i>Melissa officinalis</i>	.	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.
<i>Orchis lactea</i>	.	.	.	.	.	.	.	.	.	4	5	.	.	.	.	.	.	.
<i>Salvia officinalis</i>	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.
<i>Verbascum phoeniceum</i>	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.
<i>Crataegus orientalis</i>	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.
<i>Satureja vulgaris</i>	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.
<i>Sorbus domestica</i>	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.
<i>Verbascum glabratum</i>	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.
<i>Salvia sclarea</i>	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.
<i>Pyrus amygdaliformis</i>	.	.	.	.	.	.	.	.	.	13	.	11	.	.	.	.	.	.
<i>Saponaria officinalis</i>	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.	.

Q - Anthropogenic vegetation

QC - *Chenopodietae* Br.-Bl. in Br.-Bl. et al. 1952

QC02 - *Chenopodietalia* Br.-Bl. in Br.-Bl. et al. 1936

QC02A - *Chenopodium muralis* Br.-Bl. in Br.-Bl. et al. 1936

<i>Plantago lanceolata</i>	.	.	.	.	.	.	.	.	.	.	100	89	.	.	.	.	.	.
<i>Chenopodium album</i>	.	.	.	.	.	.	.	.	.	4	.	67	33	.	.	.	.	.
<i>Cichorium intybus</i>	.	.	.	.	.	.	.	.	.	8	3	67	44	.	.	.	.	.
<i>Mentha piperita</i>	.	.	.	.	.	.	.	.	.	.	56	.	.	.	.	.	.	.
<i>Malva sylvestris</i>	.	.	.	.	.	.	.	.	.	.	33	33	.	.	.	.	.	.
<i>Matricaria chamomilla</i>	.	.	.	.	.	.	.	.	.	4	.	33	.	.	.	.	.	.
<i>Chrysanthemum vulgare</i>	.	.	.	.	.	.	.	.	.	.	11	.	.	.	.	.	.	.
<i>Matricaria chamomilla</i>	.	.	.	.	.	.	.	.	.	.	33	.	.	.	.	.	.	.
<i>Sambucus ebulus</i>	.	.	.	.	.	.	.	.	.	.	11	.	.	.	.	.	.	.
<i>Dictamnus albus</i>	.	.	.	.	.	.	.	.	.	8	8	11	.	.	.	.	.	.
<i>Prunus spinosa</i>	.	.	.	.	.	.	.	.	.	.	3	22	.	.	.	.	.	.

C - Vegetation of the nemoral forest zone

CM01 - *Arrhenatheretalia elatioris* Tx. 1931

CM01C - *Cynosurion cristati* Tx. 1947

<i>Verbena officinalis</i>	.	.	.	.	.	.	.	.	.	.	15	.	67	.	.	.	.	.
<i>Rumex crispus</i>	.	.	.	.	.	.	.	.	.	.	33	56	.	.	.	.	.	.
<i>Taraxacum officinale</i>	.	10	.	.	.	.	.	.	.	.	8	22	78	.	.	.	.	.
<i>Centaurea cyanus</i>	.	.	.	.	.	.	.	.	.	.	7	.	56	.	.	.	.	.
<i>Bellis perennis</i>	.	.	.	.	.	.	.	.	.	.	16	10	67	89	.	.	.	.
<i>Papaver rhoeas</i>	.	.	.	.	.	.	.	.	.	.	.	44	.	100	.	.	.	.
<i>Urtica dioica</i>	.	.	.	.	.	.	.	.	.	.	11	11	.	.	.	.	.	.
<i>Sisymbrium officinale</i>	.	.	.	.	.	.	.	.	.	.	11	11	.	.	.	.	.	.
<i>Trifolium arvense</i>	.	.	.	.	.	.	.	.	.	8	3	33	22	.	.	.	.	.
<i>Hypericum perforatum</i>	.	.	.	.	.	.	.	.	.	.	64	36	78	100	.	.	.	.

• "Result Generated by Program"