

# PHYTOSOCIOLOGICAL DESCRIPTION OF *OSTRYA CARPINIFOLIA* AND *FRAXINUS ORNUS* COMMUNITIES IN THE JULIAN ALPS AND IN THE NORTHERN PART OF THE DINARIC ALPS (NW AND W SLOVENIA, NE ITALY)

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## Abstract

Based on comparisons between similar communities in northeastern Italy, southern Austria, central and south-eastern Slovenia, and western Croatia, we classified black hornbeam and flowering ash phytocoenoses on steep rocky sites in the beech forest belt in northwestern and western Slovenia into the association *Fraxinio orni-Ostryetum* Aichinger 1933 and described its new subassociation *-phyteumatetosum columnae* in the foothills of the Julian Alps and in the northern part of the Dinaric Alps. Black hornbeam and flowering ash stands on steep shady slopes with a higher proportion of diagnostic species of beech and spruce forests are classified into the new association *Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler, ass. nov. hoc loco, new subassociation *-mercurialietosum perennis* and the provisional variant var. *Hemerocallis lilioasphodelus* whose stands are floristically rather similar to the stands of the association *Hemerocallido-Ostryetum*.

**Key words:** phytosociology, synsystematics, *Fraxino orni-Ostryion*, *Fraxino orni-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, Julian Alps, Trnovski gozd plateau, Slovenia, Italy.

## Izveleček

Na podlagi primerjav s podobnimi združbami v severovzhodni Italiji, južni Avstriji, osrednji in jugovzhodni Sloveniji ter zahodni Hrvaški smo fitocenoze črnega gabra in malega jesena na strmih skalnatih rastiščih v pasu bukovih gozdov v severozahodni in zahodni Sloveniji uvrstili v asociacijo *Fraxinio orni-Ostryetum* Aichinger 1933 in v prigorju Julijskih Alp in v severnem delu Dinarskega gorstva opisali njeno novo subasociacijo *-phyteumatetosum columnae*. Sestoj črnega gabra in malega jesena na strmih osojnih pobočjih z večjim deležem diagnostičnih vrst bukovih in smrekovih gozdov uvrščamo v novo asociacijo *Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler, ass. nov. hoc loco in v novo subasociacijo *-mercurialietosum perennis* ter v provizorno varianto var. *Hemerocallis lilioasphodelus*, katere sestoji so floristično precej podobni sestojem asociacije *Hemerocallido-Ostryetum*.

**Ključne besede:** fitocenologija, sinsistematika, *Fraxino orni-Ostryion*, *Fraxino orni-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, Julijske Alpe, Trnovski gozd, Slovenija, Italija.

## 1. INTRODUCTION

The first phytosociological description of a hop hornbeam and flowering ash community in the Southeastern Alps was published by Aichinger (1933: 267–269), who named it association *Ostrya*

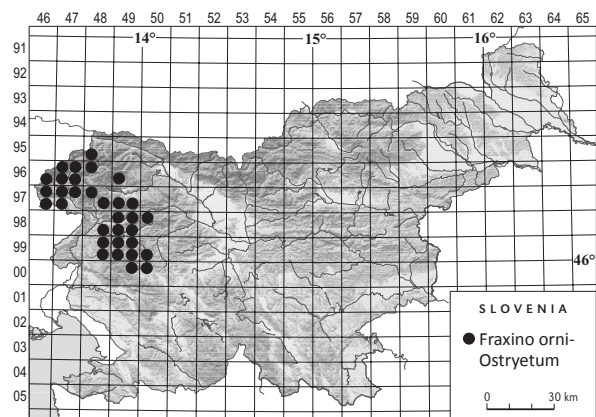
*carpinifolia-Fraxinus ornus (Ostryo-Fraxinetum orni)*. M. Wraber (1961) classified hop hornbeam and flowering ash stands in the sunny rocks above Lake Bohinj and under Studor into the association *Cytisantho-Ostryetum*. Franz (2002) published a monograph on hop hornbeam and its commu-

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nities in Austria and northern Slovenia and determined, based on 360 relevés, the following hop hornbeam associations: *Potentillo caulescentis-Ostryetum*, *Fraxino ornii-Ostryetum* Aichinger, *Sileno glareosae-Ostryetum* nom. prov. and *Rhododendro hirsuti-Ostryetum* nom. prov. Franz & Willner (2007a,b) lowered the rank of these associations and classified all of them into the association *Erico-Ostryetum* Horvat 1959. According to them, the name *Ostryo-Fraxinetum ornii* Aichinger 1933, although older, is a synonym for Horvat's association, supposedly because it is a *nomen ambiguum* (Weber et al. 2000, Art. 36, p. 754). Horvat (1959) described the association *Erico-Ostryetum* based on nine relevés from western Croatia and its stands are now known on smaller areas in Gorski kotor, on Klek, in the Samobor and Žumberak Hills (Vukelić 2012: 257). In our opinion, Franz and Willner's proposal (2007a, b) is unfounded. However, based on eight relevés from northern Italy (provinces of Trentino and South Tyrol), Braun-Blanquet (1961) published a phytosociological table of a new association that he named *Orneto-Ostryetum*. He noted the differences between this and Horvat's association *Quercus-Ostryetum carpiniifoliae*, but did not mention Aichinger's association *Ostryo-Fraxinetum ornii*, although he listed his book as a reference. The names *Ostryo-Fraxinetum ornii* Aichinger 1933 and *Orneto-Ostryetum* Braun-Blanquet 1961 are homonyms; Braun-Blanquet's later name is illegitimate (nom. illeg.) and should be rejected according to the Code of Phytosociological Nomenclature (Weber et al. 2000, Art. 31, p. 753). In his description, Braun-Blanquet (1961) did not refer to Aichinger, but used a name identical to his (*Orneto-Ostryetum* is identical to *Ostryo-Fraxinetum ornii*) to describe a floristically very different community whose similarity with Aichinger's community, according to SØRENSEN (1948), is only around 27%. Aichinger's name is not, therefore, ambiguous and does not have to be rejected; this, however, applies to subsequent misuse of this name by other phytosociologists. In this paper we use the corrected name proposed by Franz (2002), *Fraxino ornii-Ostryetum carpiniifoliae*, because according to our findings, hop hornbeam serves as an edifier of this community.

In the period between 1986 and 2012, we made some 250 relevés of black hornbeam and flowering ash stands on very steep rocky sites in the beech forest belt in the Julian Alps and their foothills (Bohinj, Upper Soča Valley: Bovec and

Kobarid regions, the valleys of the Tolminka and Zadlaščica, the Bača Valley, the Cerkno region) and in the northern part of the Dinaric Alps (the Idrija and Trebuša valleys, the northern edge of the Trnovski gozd plateau, the Idrija Hills) (Figure 1). A part of these relevés (195) has already been entered into the database and 109 have been processed and compared with similar communities in southern Austria, northeastern Italy, and northern Croatia. Our intention was to provide a comprehensive floristic description of the hop hornbeam and flowering ash community in the Julian Alps and their foothills, as the description of the association *Fraxino ornii-Ostryetum* in Slovenia has so far been based mainly on Aichinger's table or on a very limited number of relevés that were made and published in Slovenia (Šilc & Čarni 2012: 157). Most of Franz's relevés (2002) were not published in analytical tables. Some of them were published individually in the text and some were incorporated in the synthetic table. Much better researched are hop hornbeam and flowering ash communities in the sub-Mediterranean part of Slovenia (Zupančič 1999). We also conducted a phytosociological analysis of their community in the transitional pre-Alpine-sub-Mediterranean part of Slovenia, in the Central Soča Valley, and classified it into the association *Seslerio albicantis-Ostryetum* Lausi et al. 1982 corr. Poldini & Vidali 1995 (= *Mercuriali ovatae-Ostryetum carpiniifoliae* Poldini 1982) – Dakskobler (2004). This association is classified into the alliance *Carpinion orientalis* Horvat 1958 and is therefore not the subject of comparisons in this paper.



**Figure 1:** Approximate localities of the hop hornbeam and flowering ash stands studied in Slovenia.

**Slika 1:** Približna nahajališča preučevanih sestojev črnega gabra in malega jesena na zemljevidu Slovenije.

## 2. METHODS

Hop hornbeam and flowering ash communities were studied applying the Central-European phytosociological method (Braun-Blanquet 1964). Relevés were entered into the FloVegSi database (Seliškar et al. 2003). Combined cover-abundance values were transformed into ordinal values 1–9 (van der Maarel 1979). Relevés were mutually compared through hierarchical classification and arranged into tables based on the results of the “(Unweighted) average linkage” – UPGMA method applying Wishart’s similarity ratio. SYN-TAX 2000 (Podani 2001) software package was used in these comparisons. The floristic composition of the hop hornbeam and flowering ash communities studied in western Slovenia was compared to the floristic composition of similar communities in neighbouring countries, also by means of hierarchical classification and with two ordination methods: principle coordinates analysis (PCoA, similarity ratio) and non-metric multidimensional scaling (NMDS) with Goodman-Kruskal’s  $\gamma$  coefficient (Podani, *ibid.*). Geoelemental, ecological, and phytosociological designation of plant species follows the Flora alpina (Aeschmann et al. 2004a, b, c). Phytosociological groups (= groups of diagnostic species) were formed based on our own criteria, but with consideration of the Flora alpina. The nomenclature source for the names of vascular plants is Martinčič et al. (2007), Martinčič (2003, 2011) for the names of mosses, Suppan et al. (2000) for the names of lichens, Šilc & Čarni (2012) for the names of syntaxa, with the exception of the name of the class *Quercus-Fagetum* Braun-Blanquet et Vlieger in Vlieger 1937, and Urbančič et al. (2005) for the names of soil types.

### 2.1 SHORT ECOLOGICAL DESCRIPTION OF THE STUDY AREA

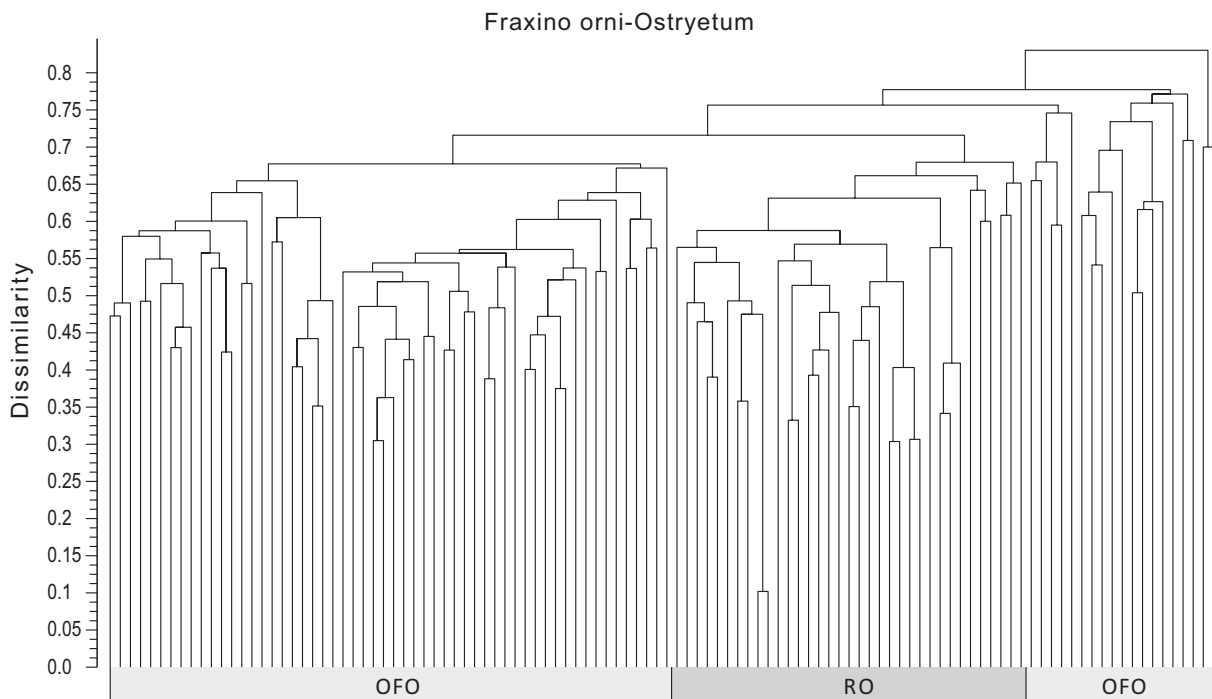
Hop hornbeam and flowering ash stands were recorded on steep to very steep slopes (30° to 50°) at elevations ranging from 300 m to 1200 m, on all aspects. In the Soča Valley, individual hop hornbeam and flowering ash trees can occur even higher, at elevations of up to about 1500 m a.s.l.. The geological bedrocks on sample plots were dolomite, dolomite with chert, dolomite limestone, limestone, limestone with chert, limestone and marlstone, in places also talus. Soil types were lithosol and (or) rendzina. The climate in

the study area of the Julian Alps and the northern part of the Dinaric Alps is humid with mean average precipitation generally exceeding 2000 mm (B. Zupančič 1995, 1998); it is relatively warm, with the mean annual temperature around 6 °C – 9 °C (Cegnar 1998). The forest stands that were studied grow on special sites with a unique local climate. On sunny aspects, temperature oscillations between day and night are considerable, rainfall and snowfall flow into the valley, the snow cover soon disintegrates and melts. These sites are subject to drought, especially in the summer, while crumbling of the rock mass frequently occurs in the winter as a result of freezing and subsequent rapid warmings. All these specific factors render the sites less suitable for the growth of beech, which is a dominant tree species that occurs contiguously in this region, building its communities in the altitudinal belt of 200 m to 1600 m a.s.l.. The current physiognomy of hop hornbeam and flowering ash stands is largely the consequence of past management and practice. Their origin is partly secondary and they are a long-term degradation stage on potential beech sites from the association *Ostryo-Fagetum*. People frequently used to bring small ruminants, especially goats, to graze on the steep rocky slopes covered with low woods and this practice is still maintained in some parts of the Bovec and Kobariid regions. Despite relatively extreme sites that are difficult to access, the primary physiognomy of the hop hornbeam and flowering ash community in our Alps has been preserved only in the most inaccessible rock walls and screes. Here and on rockfall areas, hop hornbeam and flowering ash are the first pioneers (Dakskobler 2007).

## 3. RESULTS AND DISCUSSION

Based on hierarchical classification (Figure 2) we arranged 119 relevés into four tables (Tables 1–4). In order to obtain a relevant synsystematic classification we compared them to similar, already described communities in the neighbouring regions. We made a synthetic table (Table 5) into which we incorporated the studied four communities and the following syntaxa:

EOPc: *Erico-Ostryetum* Horvat 1959 *potentilletosum caulescentis* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 5)



**Figure 2:** Dendrogram of relevés of hop hornbeam and flowering ash in (north)western Slovenia (UPGMA, similarity ratio); OFO *Fraxino orni-Ostryetum*, RO *Rhododendro hirsuti-Ostryetum*.

**Slika 2:** Dendrogram popisov sestojev črnega tabra in malega jesena v (severo)zahodni Sloveniji (UPGMA, similarity ratio); OFO *Fraxino orni-Ostryetum*, RO *Rhododendro hirsuti-Ostryetum*.

EOty: *Erico-Ostryetum* Horvat 1959 *typicum* Franz & Willner 2007 (Austria, Franz & Willner 2007b, Table 13, column 2)

EOsg: *Erico-Ostryetum* Horvat 1959 *silenetosum glareosae* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 2)

EOrh: *Erico-Ostryetum* Horvat 1959 *rhododendretosum hirsuti* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 3)

OFO-It *Ostryo carpinifoliae-Fraxinetum orni* Aichinger 1933 (northeastern Italy, Poldini & Vidali 1999, Table 1)

CyO-SI *Cytisantho-Ostryetum* M. Wraber 1961 (Bohinj, M. Wraber 1961, phytosociological table, relevés 1 to 11 – subassociations *-typicum* and *-brometosum*; the species recorded only in the third subassociation, *-fagetosum*, were considered with minimum frequency 4 if they occurred in other compared communities)

CyO-HR *Cytisantho-Ostryetum* M. Wraber 1961 (western Croatia, Samobor Hills, Šugar 1978, Table 1)

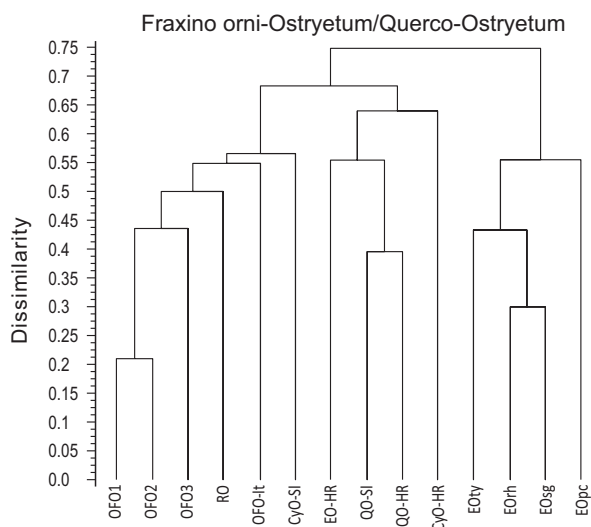
EO-HR *Erico-Ostryetum* Horvat 1959 (western Croatia, Horvat 1959, Table 2, column 12)

QO-HR *Quercu-Ostryetum carpinifoliae* Horvat 1938 (Croatia, Horvat 1938, Table 1, relevés 1 to 11)

QO-SI *Quercu-Ostryetum carpinifoliae* Horvat 1938 (Slovenia, Zupančič et al. 2009, Table 1, relevés 1 to 26).

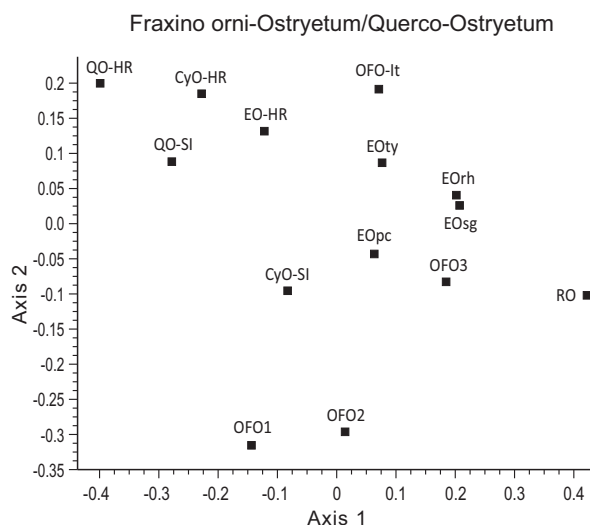
This provided the basis for a table with 12 columns that we compared using hierarchical classification (Figure 3) and two ordination methods (Figures 4 and 5).

The result is similar (Figure 6) if the comparison includes Braun-Blanquet's association *Orneto-Ostryetum* from northern Italy (Braun-Blanquet 1961) and Aichinger's original description of the association *Ostryo-Fraxinetum orni* from the Karavanke Mts. (Aichinger 1933). While Aichinger's syntaxon groups with other forms of the association *Fraxino orni-Ostryetum*, Braun-Blanquet's syntaxon is different from all other compared syntaxa.



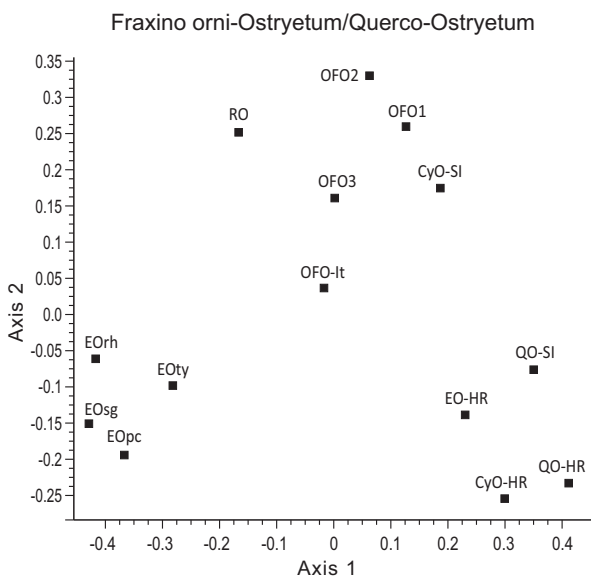
**Figure 3:** Dendrogram of stands of associations *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum*, and *Quercu-Ostryetum* (Slovenia, Italy, Austria, Croatia) – UPGMA, similarity ratio.

**Slika 3:** Dendrogram sestojev asociacij *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum* in *Quercu-Ostryetum* (Slovenija, Italija, Avstrija, Hrvaška) – UPGMA, similariteta.



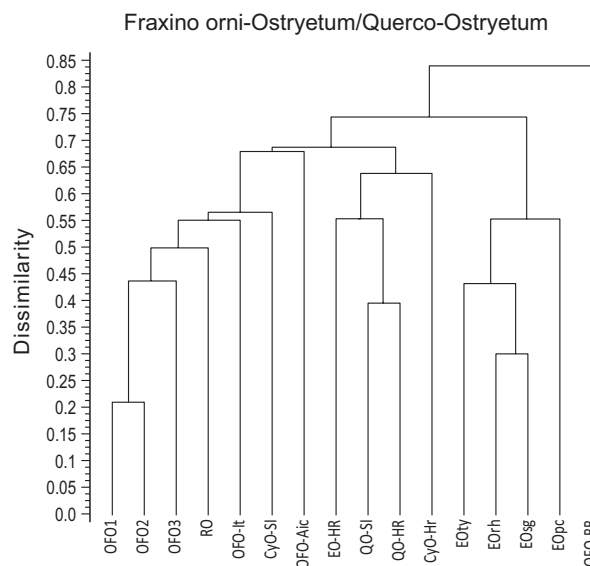
**Figure 5:** Two-dimensional scatter diagram of the stands of associations *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum*, and *Quercu-Ostryetum* (Slovenia, Italy, Austria, Croatia) – NMDS, Goodman-Kruskal's  $\gamma$ .

**Slika 5:** Dvorazsežni ordinacijski diagram sestojev asociacij *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum* in *Quercu-Ostryetum* (Slovenija, Italija, Avstrija, Hrvaška) – NMDS, Goodman-Kruskal's  $\gamma$ .



**Figure 4:** Two-dimensional scatter diagram of stands of associations *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum*, and *Quercu-Ostryetum* (Slovenia, Italy, Austria, Croatia) – PCoA, similarity ratio.

**Slika 4:** Dvorazsežni ordinacijski diagram sestojev asociacij *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum* in *Quercu-Ostryetum* (Slovenija, Italija, Avstrija, Hrvaška) – PCoA, similariteta.



**Figure 6:** Dendrogram of stands of associations *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum*, and *Quercu-Ostryetum* (Slovenia, Italy, Austria, Croatia) – UPGMA, similarity ratio.

**Slika 6:** Dendrogram sestojev asociacij *Erico-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Fraxino orni-Ostryetum* in *Quercu-Ostryetum* (Slovenija, Italija, Avstrija, Hrvaška) – UPGMA, similariteta.



**Legend to Figures 3, 4, 5, 6 and Tables 5 and 6:**

- EOpc: *Erico-Ostryetum* Horvat 1959 *potentilletosum caulescentis* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 5)
- EOty: *Erico-Ostryetum* Horvat 1959 *typicum* Franz & Willner 2007 (Austria, Franz & Willner 2007b, Table 13, column 2)
- EOsg: *Erico-Ostryetum* Horvat 1959 *silenetosum glareosae* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 2)
- EOrh: *Erico-Ostryetum* Horvat 1959 *rhododendretosum hirsuti* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 3)
- OFO1, OFO2, OFO3 *Fraxino orni-Ostryetum* Aichinger 1933, (north)western Slovenia
- RO *Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler ass. nov. (north)western Slovenia
- OFO-It *Ostryo carpinifoliae-Fraxinetum orni* Aichinger 1933 (northeastern Italy, Poldini & Vidali 1999, Table 1)
- CyO-SI *Cytisantho-Ostryetum* M. Wraber 1961 (Bohinj, M. Wraber 1961, phytosociological table, relevés 1 to 11 – subassociations *-typicum* and *-brometosum*; the species recorded only in the third subassociation, *-fagetosum*, were considered with minimum frequency 4 if they occurred in other compared communities)
- CyO-HR *Cytisantho-Ostryetum* M. Wraber 1961 (western Croatia, Samobor Hills, Šugar 1978, Table 1)
- EO-HR *Erico-Ostryetum* Horvat 1959 (western Croatia, Horvat 1959, Table 2, column 12)
- QO-HR *Quercu-Ostryetum carpinifoliae* Horvat 1938 (Croatia, Horvat 1938, Table 1, relevés 1 to 11)
- QO-SI *Quercu-Ostryetum carpinifoliae* Horvat 1938 (central and southeastern Slovenia, Zupančič et al. 2009, Table 1, relevés 1 to 26)
- OFO-Aic *Ostryo-Fraxinetum orni* Aichinger 1933 (the Karavanke Mts, Aichinger 1933, Tab. 60)
- OFO-BB *Orneto-Ostryetum* Braun-Blanquet 1961 (northern Italy, Braun-Blanquet 1961, Tab. 53)

Results of these comparisons quite clearly demonstrate that in terms of floristic composition the syntaxa *Erico-Ostryetum*, *Quercu-Ostryetum*, and *Cytisantho-Ostryetum* from central and southeastern Slovenia and western Croatia, the syntaxa *Fraxino orni-Ostryetum* and *Cytisantho-Ostryetum*

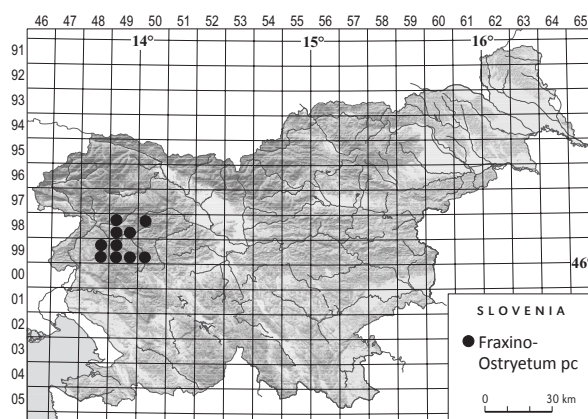
from the Alpine part of Slovenia and northeastern Italy and the association *Erico-Ostryetum* from southern Austria form separate groups. Two-dimensional ordination (Figures 4 and 5) in particular clearly shows that the floristic composition of the association *Erico-Ostryetum* from southern Austria resembles the floristic composition of the associations from the Alpine part of Slovenia and northeastern Italy much more than it resembles the floristic composition of the syntaxa from southeastern Slovenia and western Croatia. Classification of hop hornbeam and flowering ash communities from southern Austria into the association *Erico-Ostryetum* is therefore unfounded as these communities are floristically very different. Two groups of phytocoenoses can be differentiated based on this comparison. The southeastern-Alpine group of phytocoenoses is classified into the association *Fraxino orni-Ostryetum* Aichinger 1933 s. lat. (including the phytocoenoses of the association *Cytisantho-Ostryetum*), while the southeastern-Slovenian and western-Croatian group of phytocoenoses is classified into the association *Quercu-Ostryetum carpinifoliae* Horvat 1938 s. lat. (including the phytocoenoses of the association *Erico-Ostryetum* and the Croatian form of the association *Cytisantho-Ostryetum*). The synthetic table (Table 5) indicates a group of differential species that well differentiate southeastern-Alpine hop hornbeam and flowering ash communities from the communities that were first described in Croatia. These differential species include *Campanula cespitosa*, *Primula auricula*, *Hieracium porrifolium*, *Asperula aristata*, *Allium ericetorum*, *Paederota lutea*, *Betonica alopecuroides*, *Rhamnus falcata*, *Picea abies*, *Anemone trifolia*, *Laburnum alpinum*, *Valeriana tripteris*, *Rosa pendulina*, *Salix glabra*, *Salix appendiculata*, *Phyteuma orbiculare*, and, to a lesser extent, also, *Euphrasia cuspidata*, *Rhododendron hirsutum*, *Galium purpureum*, *Campanula carnica*, *Festuca calva*, *Saxifraga crustata*, *S. hostii*, *Potentilla caulescens*, *Aconitum angustifolium*. Partly diagnostic for Alpine hop-hornbeam stands is also *Sesleria caerulea* subsp. *calcaria*, but this species has also been recorded in the stands of the association *Quercu-Ostryetum* in central and southeastern Slovenia (Zupančič et al., 2009). The species that are differential for the association *Quercu-Ostryetum* s. lat. against the association *Fraxino orni-Ostryetum* s. lat. are *Genista januensis*, *Asperula cynanchica*, *Veronica jacquinii*, *Daphne cneorum*, *Dianthus giganteus* subsp. *croaticus*, *Helleborus atrorubens*, *Acer obtusatum*, *Quercus*

*cerris*, *Sorbus torminalis*, *Erythronium dens-canis*, *Silene nemoralis*, *Lonicera caprifolium*, *Melampyrum nemorosum*. *Quercus pubescens* is also partly differential for the association *Quercus-Ostryetum*, although it sometimes grows, with a considerably lower medium coverage and constancy, also in Alpine phytocoenoses of hop hornbeam and flowering ash. Differences between two groups of ecologically similar phytocoenoses are demonstrated also in the composition by groups of diagnostic species (Table 6). Phytocoenoses of the association *Quercus-Ostryetum* s. lat. have a higher proportion of diagnostic species of the order *Quercetalia pubescenti-petraeae*, while phytocoenoses of the association *Fraxino orni-Ostryetum* feature a higher proportion of diagnostic species of classes *Vaccinio-Piceetea*, *Elyno-Seslerietea*, *Thlaspietea rotundifolii*, and *Asplenieta trichomanis*. The proportion of species of the class *Erico-Pinetea* tends to be higher in phytocoenoses from the association *Fraxino-Ostryetum* s. lat.

Based on these findings we describe the studied stands of hop hornbeam and flowering ash from (north)western Slovenia. Table 1 incorporates the relevés from mainly sunny slopes on the southern outskirts of the Julian Alps (the Bača Valley, Tolmin, Kobarid and Bovec regions) and from the northern part of the Trnovski gozd plateau (the upper Idrija) that are classified into the association *Fraxino orni-Ostryetum*. They are dominated by thermophilous species of classes *Quercetalia pubescenti-petraeae*, *Trifolio-Geranietea*, and *Festuco-Brometea* and species of beech and beech-oak forests. Pine forest species of the class *Erico-Pinetea* are more poorly represented in the stands of this syntaxon. Rockiness of the sites allows for the occurrence of many chasmophytic species (*Asplenieta trichomanis*). These relevés are classified into the thermophilous form of this association, temporarily classified as the variant *Fraxino orni-Ostryetum typicum* Franz et Willner 2007 var. *Arabis turrata*. Its differential species are also *Campanula rapunculoides* and *Quercus petraeae*. In some of their species, the stands of this variant show considerable resemblance to the stands of the association *Quercus-Ostryetum*. Within this variant we also distinguish a subvariant with *Festuca calva* that characterises sunny rocky slopes in the montane belt of the Julian Alps at the elevations of around 1000 m and more. Relevés 1 to 16 in Table 2 are still classified into the same variant. Relevés 17 to 23 in this table were made on cold, shady slopes. Different ecological conditions are indicated by

*Valeriana tripteris*, *Veronica urticifolia*, *Rosa pendulina*, *Saxifraga cuneifolia*, *Picea abies*, *Homogyne sylvestris*, and in two relevés also by *Rhododendron hirsutum*. These relevés are classified into the variant *Fraxino orni-Ostryetum typicum* var. *Valeriana tripteris* and characterise a hop hornbeam community on colder sites. They also mark a transition of the typical subassociation towards the subassociation *Fraxino orni-Ostryetum rhododendretosum hirsuti* Franz & Willner 2007.

Relevés 1–28 in Table 3 are classified into the new subassociation *Fraxino orni-Ostryetum phyteumatetosum columnae* subass. nov. Its nomenclature type, *holotypus*, is relevé No. 7 in Table 3. This subassociation includes hop hornbeam and flowering ash stands on dolomite ridges and jags in the northern part of the Trnovski gozd plateau and in the foothills of the southern Julian Alps (the Cerklno region) that are more common on shady than on sunny aspects (Figure 7). The subassociation is named after the southern-Alpine-northern-Illyrian taxon *Phyteuma scheuchzeri* subsp. *columnae*, which is a character species of chasmophytic communities from the southern-Alpine alliance *Phyteumato-Saxifragion petraeae* and order *Potentilletalia caulescentis*. In Slovenia, it most frequently grows in the foothills of the southern Julian Alps and in the northern part of the Dinaric Alps (Banjšice, the Trnovski gozd plateau, Nanos), so it is a good indicator of phytocoenoses of the studied association between the Alps and the Dinarides. The differential species of the subassociation are also *Mercurialis ovata*,



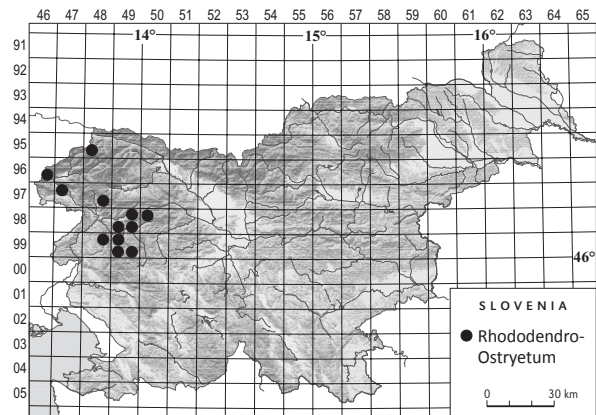
**Figure 7:** Approximate localities of the stands of the subassociation *Fraxino orni-Ostryetum phyteumatetosum columnae* studied in Slovenia.

**Slika 7:** Približna nahajališča sestojev subasociacije *Fraxino orni-Ostryetum phyteumatetosum columnae* na zemljevidu Slovenije.

*Genista januensis*, *Cotinus coggygria*, *Salvia pratensis* subsp. *saccardiana*, *Scabiosa hladnikiana*, *Primula carniolica*, *Potentilla carniolica*, *Omphalodes verna*, *Daphne alpina*. The listed species, especially northern-Illyrian endemics (*Primula carniolica*, *Potentilla carniolica*, *Scabiosa hladnikiana*) and southeastern-Alpine-northern-Illyrian taxa *Salvia pratensis* subsp. *saccardiana* and *Omphalodes verna*, characterise the stands of the new association in terms of phytogeography. Others, *Genista januensis*, *Mercurialis ovata*, *Cotinus coggygria*, indicate a certain similarity with the stands of the Dinaric-pre-Dinaric association *Quercus-Ostryetum*. *Rhododendron hirsutum*, *Laserpitium peucedanoides*, and *Rhodothamnus chamaecistus*, which are also classified as the differential species of the new subassociation, indicate both an unquestionable affinity with the southeastern-Alpine hop hornbeam community and the specific features of the sites (predominantly shady aspect). Similarity with phytocoenoses in the Julian Alps is further corroborated by the relevés made in the Tolmin and Bohinj part of the Julian Alps, namely relevés No. 29 to 32 in Table 3, which in hierarchical classification are grouped with the stands of the subassociation *-phyteumatetosum columnae* and comprise most of the species of the new subassociation save some phytogeographical differential species (northern-Illyrian endemics). For the time being, these four relevés are classified into the typical subassociation (*Fraxino orni-Ostryetum typicum* Franz & Willner 2007).

According to the results of hierarchical classification (Figure 3), stands in phytosociological Table 4 could still be classified into the syntaxon *Fraxino orni-Ostryetum* as the subassociation *-rhododendretosum hirsuti* Franz & Willner 2007. Results of the two-dimensional ordination (Figures 4 and 5) and the analysis according to the groups of diagnostic species (Table 6) on the other hand, imply the possibility that these phytocoenoses could be classified into another association. They comprise a considerably higher proportion of beech forest species (*Fagetalia sylvaticae*, *Aeromonio-Fagion*, *Tilio-Acerion*, *Quercus-Fagetea*) – in total about 30 % – than other compared syntaxa. These phytocoenoses also comprise the highest proportion of diagnostic species of spruce forests (*Vaccinio-Piceetea*) – 11%. In the studied phytocoenoses, diagnostic species of beech forests therefore outweigh the proportion of diagnostic species of thermophilous oak forests from the order *Quercetalia pubescenti-petraeae*, as well as the

proportion of basophilous pine forests of the class *Erico-Pinetea*. According to our findings, relevés in Table 4 identify above all hop hornbeam stands on steep shady slopes in the beech forest belt and in some cases most likely represent a long-term degradation stage on potential beech sites from the associations *Rhododendro hirsuti-Fagetum*, *Anemono-Fagetum*, and (or) *Arunco-Fagetum*. We propose they be classified into the new association *Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler ass. nov. hoc loco. They were recorded in the Julian Alps: Maklenova peč above the Limarica in the Trenta Valley, above the stream Žila in the Učja valley, Dol po Meji / Valle di Musi – under Muzci / Cime del Monte Musi (Italy – relevé No. 1 in Table 4), Struje and Pod Sopotom above the Zadlaščica valley, Treska at Srpenica, in the Cerklno and Idrija Hills: Zakojška grapa gorge, Drnova, Mali Njivč, Šebrelje – Sv. Ivan, above the homestead Jelenk in the valley of Hostenja, Klavžarica in the Kanomlja valley and on the northern edge of the Trnovski gozd plateau above the valleys of the Idrija (Skopica) and the Trebušica (Gradov rob, Krtovše, Poldanovec) – Figure 8. Its sites in central Slovenia were discussed by Accetto (2008, 2013), two relevés were already published (Dakskobler et al. 2011).



**Figure 8:** Approximate localities of stands of the association *Rhododendro hirsuti-Ostryetum* in (north)western Slovenia.  
**Slika 8:** Približna nahajališča sestojev asociacije *Rhododendro hirsuti-Ostryetum* v (severo)zahodni Sloveniji.

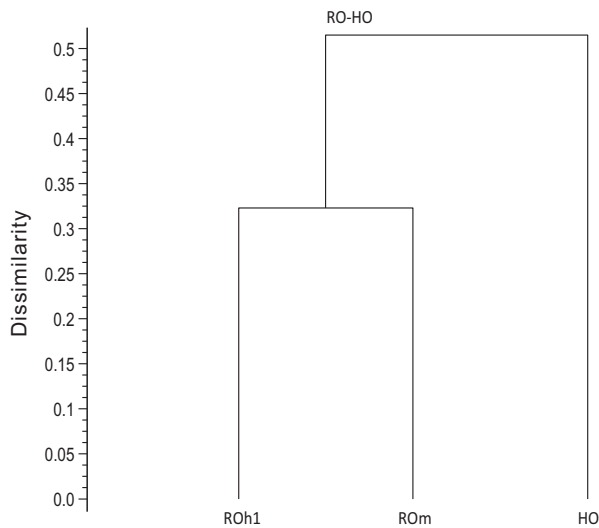
Franz (2002: 257) classified the association with the name *Rhododendro hirsuti-Ostryetum* ass. prov. into the alliance *Erico-Pinion mugo*, class *Erico-Pinetea*. In his provisional description Franz stresses the similarity and syndynamic affinity of this association with the stands of the association *Erico carnea-Pinetum prostratae*. He published the



relevé on rockfall in Rož in southern Carinthia (Jama) in the northern foothills of the Karavanke Mts. as a typical relevé of this association, but not as a holotype. The diagnostic or dominant and the most frequent species of the association *Rhododendro-Ostryetum* Franz 2002 nom. prov. are *Ostrya carpinifolia*, *Fraxinus ornus*, *Sorbus aria*, *Erica carnea*, *Cyclamen purpurascens*, *Amelanchier ovalis*, *Calamagrostis varia*, *Polygala chamaebuxus*, *Campanula cespitosa*, *Cirsium erisithales*, *Rhamnus fallax*, *Rhododendron hirsutum*, *Pinus mugo*, *Paederota lutea*, and *Valeriana saxatilis*. Species with a lower constancy of below 40% comprise *Pinus sylvestris*, *Sesleria caerulea* subsp. *calcaria*, *Salix glabra*, and *Gymnocarpium robertianum*. Franz & Willner (2007a: 86) subsequently lowered the rank of this provisional association to the rank of subassociation and described it as a new subassociation *Erico-Ostryetum* Horvat 1959 *rhododendretosum hirsuti* Franz & Willner 2007. The differential species of the new subassociation are *Rhododendron hirsutum*, *Valeriana tripteris*, *Rhamnus fallax*, *Petasites paradoxus*, *Paederota lutea*, *Salix glabra* and *Pinus mugo*. Its stands grow on steep, shady, stable scree slopes in the lower montane belt. Of the listed diagnostic species of the syntaxon *Erico-Ostryetum rhododendretosum*, *Pinus mugo* and *Petasites paradoxus* were hardly ever recorded in the studied phytocoenoses whereas other species occurred more or less frequently in our relevés. However, results of hierarchical classification do not group our relevés with the relevés of the subassociation *Erico-Ostryetum rhododendretosum* from southern Austria. The new association *Rhododendro hirsuti-Ostryetum carpinifoliae* Franz ex Dakskobler ass. nov. hoc loco therefore cannot be typified based on the relevé published by Franz (2002: 157) and relevé No. 19 in Table 4 was selected as its nomenclature type, *holotypus* hoc loco. Considering the dominant species of the tree layer, the new association is still classified into the alliance *Fraxino orni-Ostryion* and order *Quercetalia pubescenti-petraeae*; also possible is its classification into the alliance *Aremonio-Fagion* and order *Fagetalia sylvatica*. It therefore incorporates hop hornbeam and flowering ash phytocoenoses on calcareous bedrock (dolomite, dolomite limestone, dolomite with chert, limestone with chert, rarely also talus), with moder rendzina (rarely also lithosol or colluvial-delluvial soils) on very steep (30° do 50°) shady (northern, northeastern, northwestern), exceptionally also sunny slopes in the submontane and montane belt (from about 300

to about 1100 m a.s.l.) in the Julian Alps, in the Prealpine Hills and in the northern part of the Dinaric Alps. These stands are, at least in part, of secondary origin on potential beech sites. Diagnostic species of the new association are *Rhododendron hirsutum*, *Rosa pendulina*, *Salix appendiculata*, *Fagus sylvatica*, *Acer pseudoplatanus*, *Gymnocarpium robertianum*, *Adenostyles glabra*, *Valeriana saxatilis* and *Carex ferruginea*.

Based on the relevés in Table 4 the new association is divided into two lower units. The stands comprising a large proportion of frigidophilous species, character species of the class *Vaccinio-Piceetea* and diagnostic species of beech forests are classified into the subassociation *Rhododendro-Ostryetum mercurialietosum perennis* subass. nov. hoc loco. Its nomenclature type, *holotypus*, is relevé No. 19 in Table 4. The differential species of the new subassociation are *Mercurialis perennis*, *Laburnum alpinum*, *Hieracium murorum*, *Lathyrus vernus* subsp. *vernus* and *Lathyrus vernus* subsp. *flaccidus*. In this subassociation we also distinguish the variant with *Homogyne sylvestris*, whose differential species are, among others, *Salvia glutinosa* and *Carex ferruginea* and which characterises the most frigidophilous stands of the new association on fresh sites with moder rendzina. Relevés No. 1 to 10 are temporarily classified into the variant *Rhododendro hirsuti-Ostryetum* var. *Hemerocallis lilioasphodelus*. Its stands grow on dolomite bedrock and are slightly more similar to the stands of the association *Fraxino orni-Ostryetum*. The taxa *Molinia caerulea* subsp. *arundinacea* and *Hemerocallis lilioasphodelus* often dominate in the herb layer. Floristic composition of the stands of this variant indicates considerable similarity with the stands of the association *Hemerocallido-Ostryetum* Poldini 1982 which Poldini (1982) described on very steep, shady limestone slopes in the Carnian Prealps and classified into the alliance *Aremonio-Fagion*. Floristic similarity between them according to Sørensen (1948) is 54%, which even allows their classification into this association. In the stands of the variant *Rhododendro-Ostryetum* var. *Hemerocallis lilioasphodelus*, we did not record two diagnostic species of the association *Hemerocallido-Ostryetum*, *Adenophora liliifolia* and *Aconitum lycoctonum*, and some other species such as *Coronilla emerus*, *Rubus caesius* and *Tilia cordata*. Some other species that are absent from the relevés of the association *Hemerocallido-Ostryetum*, e.g., *Valeriana saxatilis*, *Carex digitata*, *Polygala chamaebuxus*, *Vincetoxicum hirundinaria*,



**Figure 9:** Dendrogram of the stands of the syntaxa *Rhododendro hirsuti-Ostryetum* var. *Hemerocallis lilioasphodelus* (ROh1), *Rhododendro hirsuti-Ostryetum mercurialietosum perennis* (ROm), and *Hemerocallido-Ostryetum* (HO) – UPGMA, similarity ratio.

**Slika 9:** Dendrogram sestojev sintaksonov *Rhododendro hirsuti-Ostryetum* var. *Hemerocallis lilioasphodelus* (ROh1), *Rhododendro hirsuti-Ostryetum mercurialietosum perennis* (ROm) in *Hemerocallido-Ostryetum* (HO) – UPGMA, similarity ratio.

*Anthericum ramosum*, *Phyteum orbiculare*, *Senecio ovatus*, and others, also occur in the relevés of the variant *Rhododendro-Ostryetum* var. *Hemerocallis lilioasphodelus*. Stands of the associations *Hemerocallido-Ostryetum* and *Rhododendro hirsuti-Ostryetum* grow in the Southeastern Alps and their foothills, in very similar site conditions (steep shady slopes in the beech forest belt), and the variant *Rhododendro hirsuti-Ostryetum* var. *Hemerocallis lilioasphodelus* is an example of a transitional form between them that can be classified, based on its floristic composition, into either of these two associations. Other relevés of the association *Rhododendro hirsuti-Ostryetum*, however, cannot be included in the association *Hemerocallido-Ostryetum*; firstly, because one of the diagnostic species of this association, *Hemerocallis lilioasphodelus*, occurs only in one of 25 relevés, and secondly, because the other two, *Adenophora liliifolia* and *Aconitum lycoctonum* are completely absent from them. There are also many other floristic differences between their stands. This is further corroborated by the numerical comparison of floristic similarity of the three mentioned syntaxa (Figure 9).

## 4. CONCLUSIONS

We have established that hop hornbeam and flowering ash communities from the Southeastern Alps and their foothills (two associations were described here, *Ostryo-Fraxinetum orni* Aichinger 1933 and *Cytisantho-Ostryetum* M. Wraber 1961) are floristically slightly similar to hop hornbeam, flowering ash, and pubescent oak communities from central and southeastern Slovenia and western Croatia (where we described the associations *Quercu-Ostryetum carpinifoliae* Horvat 1938 and *Erico-Ostryetum* Horvat 1959). Nevertheless, hierarchical classification made on the basis of the synthetic table and the analysis of proportions of diagnostic species demonstrate obvious differences. Species diagnostic for southeastern-Alpine hop hornbeam and flowering ash communities are *Campanula cespitosa*, *Primula auricula*, *Hieracium porrifolium*, *Asperula aristata*, *Allium ericetorum*, *Paederota lutea*, *Betonica alopecuroides*, *Rhamnus fallax*, *Picea abies*, *Anemone trifolia*, *Laburnum alpinum*, *Valeriana tripteris*, *Rosa pendulina*, *Salix glabra*, *Salix appendiculata*, *Phyteuma orbiculare*, *Euphrasia cuspidata*, *Rhododendron hirsutum*, *Galium purpureum*, *Campanula carnica*, *Festuca calva*, *Saxifraga crustata*, *S. hostii*, *Potentilla caulescens*, *Aconitum angustifolium*, and (partly) *Sesleria caerulea* subsp. *calcaria*. The species that are differential for the association *Quercu-Ostryetum* s. lat. against the association *Fraxino orni-Ostryetum* s. lat. are *Genista januensis*, *Asperula cynanchica*, *Veronica jacquinii*, *Daphne cneorum*, *Dianthus giganteus* subsp. *croaticus*, *Helleborus atrorubens*, *Acer obtusatum*, *Quercus cerris*, *Sorbus torminalis*, *Erythronium dens-canis*, *Silene nemoralis*, *Lonicera caprifolium*, *Melampyrum nemorosum*, and (partly) *Quercus pubescens*.

Through our comparison we determined that the floristic composition of hop hornbeam and flowering ash stands from southern Austria that Franz & Willner (2007a) classified into the association *Erico-Ostryetum* Horvat 1959 is more similar to the floristic composition of associations from the Alpine part of Slovenia and northeastern Italy than to the floristic composition of syntaxa from southeastern Slovenia and western Croatia. Classification of hop hornbeam and flowering ash communities from southern Austria into Horvat's association *Erico-Ostryetum* is unfounded as these communities are floristically very different. In addition, we do not think that the name

*Ostryo-Fraxinetum ornii* Aichinger 1933 is a *nomen ambiguum* as interpreted by Franz & Willner (2007a); rather, the name *Orneto-Ostryetum* Braun-Blanquet 1961 is a later homonym that should be rejected (Weber et al. 2000, Art. 31, p. 753).

The comparisons described herein served as the basis upon which we classified most of more than 100 relevés of hop hornbeam and flowering ash phytocoenoses on steep rocky sites in the beech forest belt in the Julian Alps and their foothills and on the northern edge of the Trnovski gozd plateau into the association *Fraxino ornii-Ostryetum*. Hop hornbeam and flowering ash stands of steep shady slopes of submontane and montane belt where the proportion of beech forest species (*Fagetalia sylvaticae*, *Aremonio-Fagion*, *Tilio-Acerion*, *Quercu-Fagetea*) exceeds both the proportion of diagnostic species of thermophilous oak forests (*Quercetalia pubescenti-petraeae*) and the proportion of species of basophilous pine forests (*Erico-Pinetea*), and which encompass many frigidophilous spruce forest species (*Vaccinio-Piceetea*), are classified into the new association *Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler ass. nov. hoc loco. These stands are, at least in part, a long-term stage of degradation on potential beech sites. The new association is divided into two subunits; the stands of the first (*Rhododendro hirsuti-Ostryetum* var. *Hemerocallis lilioasphodelus*) are floristically rather similar to the stands of the association *Hemerocallido-Ostryetum*.

The hop hornbeam and flowering ash stands described are exclusively protective. They protect lower-lying areas against erosion, falling rocks and rockfall. Also significant is their role as a biotope as they serve as the site of some rare and (or) protected phanerograms (Anon. 2002, 2004), such as *Epipactis atrorubens*, *E. muelleri*, *E. helleborine*, *Cephalanthera longifolia*, *C. rubra*, *C. damasonium*, *Ophrys insectifera*, *Hemerocallis lilioasphodelus*, *Ilex aquifolium*, *Primula auricula*, *Iris pallida* subsp. *cengialti*, *Sedum maximum*, *Dianthus hyssopifolius* (= *D. monspessulanus*), *D. sylvestris*, *Gentiana lutea* subsp. *symphyandra*, *Platanthera bifolia*, *Daphne blagayana*, *Listera ovata*, *Lilium carniolicum*, *Semprevivum tectorum*, *Taxus baccata*, *Viola pyrenaica*, *Orobancha teucarii*, and *Veratrum nigrum*. They also comprise some endemic species, e.g., *Aconitum angustifolium*, *Medicago pironae*, *Scabiosa hladnikiana*, *Moehringia villosa*, *Primula carniolica*, *P. x venusta*, and *P. x ternovania*.

Synsystematic classification of the studied communities into higher units is as follows:

Class: *Quercu-Fagetea* Br.-Bl. et Vlieger in Vlieger 1937

Order: *Quercetalia pubescenti-petraeae* Klika 1933

Alliance: *Fraxino ornii-Ostryion* Tomažič 1940

Associations:

*Ostryo-Fraxinetum ornii* Aichinger 1933=*Fraxino ornii-Ostryetum* Aichinger 1933 corr. Franz 2002

*typicum* Franz & Willner 2007

var. *Arabis turrata* var. nov.

var. *Valeriana tripteris* var. nov.

*phyteumatetosum columnae* subass. nov.

*Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler ass. nov. hoc loco

var. *Hemerocallis lilioasphodelus* var. prov.

*mercurialietosum perennis* subass. nov.

var. *Homogyne sylvestris* var. nov.

## 5. POVZETEK

**Fitocenološka oznaka združb črnega gabra (*Ostrya carpinifolia*) in malega jesena (*Fraxinus ornus*) v Julijskih Alpah in severnem delu Dinarskega gorstva (severozahodna in zahodna Slovenija, severovzhodna Italija)**

Ugotavljamo, da so združbe črnega gabra in malega jesena iz jugovzhodnih Alp s prigorjem (tu sta bili opisani dve asociaciji *Ostryo-Fraxinetum ornii* Aichinger 1933 in *Cytisantho-Ostryetum* M. Wraber 1961) floristično nekoliko podobne združbam črnega gabra, malega jesena in puhastega hrasta iz osrednje in jugovzhodne Slovenije in zahodne Hrvaške (tu sta bili opisani asociaciji *Quercu-Ostryetum carpinifoliae* Horvat 1938 in *Erico-Ostryetum* Horvat 1959). Kljub temu hierarhična klasifikacija na podlagi sintezne tabele in analiza deležev diagnostičnih vrst kaže očitne razlike. Diagnostične vrste za jugovzhodnoalpske združbe črnega gabra in malega jesena so *Campanula cespitosa*, *Primula auricula*, *Hieracium porrifolium*, *Asperula aristata*, *Allium ericetorum*, *Paederota lutea*, *Betonica alopecuros*, *Rhamnus fallax*, *Picea abies*, *Anemone trifolia*, *Laburnum alpinum*, *Valeriana tripteris*, *Rosa pendulina*, *Salix glabra*, *Salix appendiculata*, *Phyteuma orbiculare*, *Euphrasia cuspidata*, *Rhododendron hirsutum*, *Galium purpureum*, *Campanula carnica*, *Festuca calva*, *Saxifraga crustata*, *S. hostii*, *Potentilla caulescens*, *Aconitum angustifolium* in (deloma) *Sesleria caerulea* subsp. *calcaria*. Vrste, ki so razlikovalne za asociacijo *Quercu-Ostryetum* s. lat. nasproti asociacije *Fraxino ornii-Ostryetum* s. lat. so *Genista januensis*, *Asperula cynanchica*, *Veroni-*



*ca jacquinii*, *Daphne cneorum*, *Dianthus giganteus* subsp. *croaticus*, *Helleborus atrorubens*, *Acer obtusatum*, *Quercus cerris*, *Sorbus torminalis*, *Erythronium dens-canis*, *Silene nemoralis*, *Lonicera caprifolium*, *Melampyrum nemorosum* in (deloma) *Quercus pubescens*.

S primerjavo smo ugotovili, da je floristična sestava sestojev črnega gabra in malega jesena iz južne Avstrije, ki sta jih Franz & Willner (2007a) uvrstila v asociacijo *Erico-Ostryetum* Horvat 1959, bolj podobna floristični sestavi asociacij iz alpskega dela Slovenije in severovzhodne Italije, kot pa floristični sestavi sintaksonov iz jugovzhodne Slovenije in zahodne Hrvaške. Uvrstitev združb črnega gabra in malega jesena iz južne Avstrije v Horvatovo asociacijo *Erico-Ostryetum* ni utemeljena, ker gre za floristično preveč različne združbe. Poleg tega menimo, da ime *Ostryo-Fraxinetum ornii* Aichinger 1933 ni *nomen ambiguum*, kot ga tolmačita Franz & Willner (2007a), pač pa je ime *Orneto-Ostryetum* Braun-Blanquet 1961 poznejši homonim, ki ga je treba zavreči (Weber et al. 2000, Art. 31, p. 753).

Opisane primerjave so bile podlaga, da smo večino od več kot 100 fitocenoloških popisov fitocenoz črnega gabra in malega jesena na strmih skalnatih rastiščih v pasu bukovih gozdov v Julijskih Alpah s prigorjem in na severnem robu Trnovskega gozda uvrstili v asociacijo *Fraxino ornii-Ostryetum*. Sestoj črnega gabra in malega jesena na strmih osojnih pobočjih podgorskega in gorskega pasu, v katerih delež vrst bukovih gozdov (*Fagetalia sylvaticae*, *Aremonio-Fagion*, *Tilio-Acerion*, *Quercus-Fagetea*) presega delež diagnostičnih vrst toploljubnih hrastovih gozdov (*Quercetalia pubescenti-petraeae*) in tudi delež vrst bazofilnih borovih gozdov (*Erico-Pinetea*), v njih pa je precej hladnoljubnih vrst smrekovih gozdov (*Vaccinio-Piceetea*), uvrščamo v novo asociacijo *Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler ass. nov. hoc loco. Vsaj deloma so njeni sestoji dolgotrajen degradacijski stadij na potencialno bukovih rastiščih. Novo asociacijo členimo na dve podenoti, med katerima so sestoji ene (*Rhododendro hirsuti-Ostryetum* var. *Hemerocallis lilioasphodelus*) floristično precej podobni sestojem asociacije *Hemerocallido-Ostryetum*. V naših sestojih nismo popisali dveh diagnostičnih vrst te asociacije, *Adenophora liliifolia* in *Aconitum lycoctonum* in še nekaterih drugih vrst kot so *Coronilla emerus*, *Rubus caesius* in *Tilia cordata*, v njih pa našli tudi nekatere vrste, ki jih ni v popisih sestojev asociacije *Hemerocallido-Ostryetum* (na primer *Valeria-*

*na saxatilis*, *Carex digitata*, *Polygala chamaebuxus*, *Vincetoxicum hirundinaria*, *Anthericum ramosum*, *Phyteum orbiculare*, *Senecio ovatus*).

Opisani sestoji črnega gabra in malega jesena so izključno varovalni. Varujejo nižje ležeča območja pred erozijo in padajočim kamenjem ter skalnimi podori. Pomembna je njihova biotopska vloga, saj so rastišče nekaterih redkih in (ali) varovanih semenk (Anon. 2002, 2004), kot so vrste *Epipactis atrorubens*, *E. muelleri*, *E. helleborine*, *Cephalanthera longifolia*, *C. rubra*, *C. damasonium*, *Ophrys insectifera*, *Hemerocallis lilioasphodelus*, *Ilex aquifolium*, *Primula auricula*, *Iris pallida* subsp. *cingialti*, *Sedum maximum*, *Dianthus hyssopifolius* (= *D. monspessulanus*), *D. sylvestris*, *Gentiana lutea* subsp. *symphyandra*, *Platanthera bifolia*, *Daphne blagayana*, *Listera ovata*, *Lilium carniolicum*, *Semprevivum tectorum*, *Taxus baccata*, *Viola pyrenaica*, *Orobanche teucrii* in *Veratrum nigrum*. V njih rasteju tudi nekatere endemične vrste, na primer *Aconitum angustifolium*, *Medicago pironae*, *Scabiosa hladnikiana*, *Moehringia villosa*, *Primula carniolica*, *P. x venusta* in *P. x ternovania*.

Sinsistemtaska uvrstitev obravnavanih združb v višje enote je naslednja:

Razred: *Quercus-Fagetea* Br.-Bl. et Vlieger in Vlieger 1937

Red: *Quercetalia pubescenti-petraeae* Klika 1933

Zveza: *Fraxino ornii-Ostryion* Tomažič 1940

Asociaciji:

*Ostryo-Fraxinetum ornii* Aichinger 1933=*Fraxino ornii-Ostryetum* Aichinger 1933 corr. Franz 2002  
*typicum* Franz & Willner 2007

var. *Arabis turrata* var. nov.

var. *Valeriana tripteris* var. nov.

*phyteumatetosum columnae* subass. nov.

*Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler ass. nov. hoc loco

var. *Hemerocallis lilioasphodelus* var. prov.

*mercurialietosum perennis* subass. nov.

var. *Homogyne sylvestris* var. nov.

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**Table 1 (Tabela 1):** *Fraxino orni-Ostryetum typicum* var. *Arabis turruta*.

Number of relevé (Zaporedna šte. popisa)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Database number of relevé (Delov. šte. pop.)	219798	233996	212381	212384	234395	223000	237812	217802	222649	230557	223026	221476	221207	230655	212219	238907	218070	221490	246865
Elevation in m (Nadmorska višina v m)	330	610	440	590	570	660	440	950	1040	1020	1140	520	810	800	1150	960	550	740	630
Aspect (Lega)	W	SE	S	SW	NE	E	S	S	SW	SSE	SE	SW	S	S	SSE	SE	S	S	SE
Slope in degrees (Nagib v stopinjah)	40	60	30	30	35	40	35	35	45	45	45	40	30	45	45	35	35	45	35
Parent material (Matična podlaga)	D	AL	Gr	Gr	A	A	A	A	A	A	A	A	Gr	A	DR	AR	DR	DR	D
Soil (Tla)	Re	Li	Re	Re	Re	Re	Re	Re	Re	Re	Re	Re	Li	Re	Re	Re	Re	Re	Re
Stoniness in % (Kamnitost v %)	20	90	60	20	30	30	50	30	30	40	50	20	60	20	10	20	5	30	30
Cover in % (Zastiranje v %):																			
Upper tree layer (Zgornja drevesna plast)	E3b	80	80	80	90	70	90	80	80	80	70	80	60	70	80	80	70	70	60
Lower tree layer (Spodnja drevesna plast)	E3a	20	10	10	.	20	.	10	.	.	.	.	.	.	.	.	20	.	20
Shrub layer (Grmovna plast)	E2	20	20	30	40	15	20	30	10	20	10	10	20	20	10	20	30	40	40
Herb layer (Zeliščna plast)	E1	60	20	60	70	80	80	60	80	80	60	70	80	50	70	80	80	80	70
Moss layer (Mahovna plast)	E0	5	20	40	10	10	10	30	20	10	20	10	5	5	10	5	10	5	10
Maximum diameter of trees (Največji prsni premer dreves)	cm	25	30	25	30	20	20	25	30	25	20	30	20	20	15	40	30	30	15
Maximum height of tress (Največ. dreves. v.)	m	16	17	15	17	10	8	16	18	8	10	10	12	8	8	12	10	10	12
Number of species (Število vrst)		32	48	75	87	95	85	72	72	75	63	77	66	66	65	56	57	80	67
Relevé area (Velikost popisne ploskve)	m <sup>2</sup>	200	100	400	400	200	400	400	200	200	200	100	200	400	200	200	200	200	100
Date of taking relevé (Datum popisa)		9/24/2008	4/16/2009	6/6/2005	5/12/2006	8/5/1991	7/25/1990	6/23/2010	7/5/2007	5/29/2002	6/8/2009	7/31/2000	7/28/2003	8/4/2008	6/18/2009	6/12/2006	7/9/1995	5/20/2005	6/15/1998
Locality (Nahajališče)			Matajur-Nadiža	Zadlazi - Čadrg	Bovec - Podčela	Morizna	Tolminka - Osojnica	Mija - Turjeva jama	Zgornja Idrjica - Strug	Zgornja Idrjica - Strug	Mali Polovnik	Bala	Mija-Škrbina	Magozd	Lokarje	Strmarica	Rut-Bizle	Znojile - Jehle	Grahovo ob Bači-Poldne
Quadrant (Kvadrant)			9747/3	9748/4	9647/3	9747/1	9748/1	9746/4	0050/1	9646/4	9647/3	9647/2	9746/4	9747/2	9746/2	9648/1	9749/3	9849/2	9849/1
Coordinate GK Y (D-48)	m	384928	403858	384886	389351	402280	384212	423220	378462	385105	395970	383125	391116	383283	399733	415412	416968	412462	392396
Coordinate GK X (D-48)	m	5121080	5118668	5132116	5128024	5124152	5122656	5092308	5131294	5130136	5138535	5121257	5126894	5125748	5136912	5119906	5117624	5113488	5124042
<b>Diagnostic species of the association (Diagnostične vrste asociacije)</b>																			
AT <i>Campanula carnica</i>	E1	.	.	+	.	+	.	.	+	+	+	+	.	.	+	.	.	.	+
ES <i>Betonica alopecurus</i>	E1	.	.	.	.	.	.	.	.	+	1	+	1	.	+	2	+	1	1
EP <i>Galium purpureum</i>	E1	.	.	+	+	+	.	.	.	.	.	.	.	+	1	.	.	.	+
ES <i>Festuca calva</i>	E1	.	.	.	r	.	.	.	3	4	2	1	.	.	+	.	.	.	.
FS <i>Laburnum alpinum</i>	E3	.	.	.	.	.	+	.	.	.	.	.	.	r	.	.	.	.	.
FS <i>Laburnum alpinum</i>	E2	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.
AF <i>Rhamnus fallax</i>	E2	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.
AF <i>Anemone trifolia</i>	E1	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	+
FS <i>Luzula nivea</i>	E1	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.
VP <i>Picea abies</i>	E2	.	.	1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+
EP <i>Asperula aristata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.
ES <i>Phyteuma orbiculare</i>	E1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	+
AT <i>Saxifraga hostii</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+

Number of relevé (Zaporedna štev. popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Pr.	Fr.		
AT	<i>Saxifraga crustata</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	+	.	+	.	.	.	.	3	16	
AT	<i>Primula auricula</i>	E1	.	.	.	.	+	.	.	.	1	.	.	.	.	.	.	.	.	.	.	3	16	
TR	<i>Campanula cespitosa</i>	E1	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	11	
VP	<i>Rosa pendulina</i>	E2a	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	2	11	
TR	<i>Hieracium porrifolium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	2	11	
EP	<i>Allium ericetorum</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<b>Differential species of the variant (Razlikovalne vrste variante)</b>																								
TG	<i>Campanula rapunculoides</i>	E1	+	1	+	1	+	+	.	.	.	.	.	.	.	.	1	+	1	+	.	10	53	
QP	<i>Arabis turrata</i>	E1	.	1	.	1	+	+	.	.	1	.	+	.	.	.	.	+	.	+	.	8	42	
QR	<i>Quercus petraea</i>	E3	.	1	.	.	.	.	.	.	.	.	.	.	.	.	r	2	1	2	.	5	26	
QR	<i>Quercus petraea</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	3	16	
QR	<i>Quercus petraea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	2	11	
FO	<b>Fraxino orni-Ostryion</b>																							
	<i>Ostrya carpinifolia</i>	E3b	3	3	5	4	4	3	3	5	4	4	4	1	4	4	4	2	1	2	2	19	100	
	<i>Ostrya carpinifolia</i>	E3a	.	.	+	.	1	.	.	+	+	.	.	.	.	.	.	.	1	.	.	5	26	
	<i>Ostrya carpinifolia</i>	E2b	.	.	.	.	.	.	.	+	.	1	.	.	.	1	+	+	+	.	6	32		
	<i>Ostrya carpinifolia</i>	E2a	.	.	.	.	.	.	.	+	.	+	+	.	+	.	.	.	.	.	+	5	26	
	<i>Ostrya carpinifolia</i>	E1	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	11	
	<i>Fraxinus ornus</i>	E3	1	.	1	2	2	1	2	+	+	.	+	4	.	1	.	1	2	2	3	15	79	
	<i>Fraxinus ornus</i>	E2b	+	.	2	1	1	1	.	.	1	+	.	1	+	.	+	1	2	1	1	14	74	
	<i>Fraxinus ornus</i>	E2a	.	1	2	3	1	.	1	+	1	+	.	.	+	1	+	1	2	1	1	15	79	
	<i>Fraxinus ornus</i>	E1	.	.	.	.	.	.	.	.	.	r	+	1	.	+	.	1	.	.	6	32		
	<i>Euonymus verrucosa</i>	E2	.	1	.	+	+	1	+	.	.	.	.	.	.	.	.	.	+	.	.	6	32	
	<i>Primula veris</i> subsp. <i>columnae</i>	E1	+	.	.	.	.	.	.	+	1	.	.	.	.	.	1	.	.	.	.	5	26	
	<i>Peucedanum schottii</i>	E1	.	.	.	+	.	+	.	.	.	.	.	.	.	1	+	.	.	.	.	5	26	
	<i>Primula x ternovania</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
CO	<b>Carpinion orientalis</b>																							
	<i>Asparagus tenuifolius</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	3	16
	<i>Sesleria autumnalis</i>	E1	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	3	16
	<i>Ruscus aculeatus</i>	E2a	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11	
	<i>Knautia drymeia</i> subsp. <i>tergestina</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
	<i>Mercurialis ovata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
QP	<b>Quercetalia pubescenti-petraeae</b>																							
	<i>Melittis melissophyllum</i>	E1	.	+	.	1	+	1	1	+	+	.	+	.	.	.	1	1	1	1	1	13	68	
	<i>Sorbus aria</i>	E3	+	+	.	+	1	1	.	+	+	.	+	.	.	1	+	.	.	.	1	12	63	
	<i>Sorbus aria</i>	E2b	.	.	+	+	+	1	+	.	.	1	.	.	.	+	1	1	.	+	1	11	58	
	<i>Sorbus aria</i>	E2a	.	.	+	+	1	.	.	+	+	1	.	.	.	+	+	+	+	.	1	11	58	
	<i>Sorbus aria</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	21
	<i>Cornus mas</i>	E2	1	+	+	2	+	+	1	.	.	.	.	.	.	.	.	.	.	.	+	+	9	47
	<i>Hypericum montanum</i>	E1	.	.	.	.	.	+	+	+	.	.	.	.	.	+	+	+	+	.	.	9	47	
	<i>Convallaria majalis</i>	E1	.	.	.	1	+	.	.	.	.	.	.	.	.	1	1	.	.	+	1	6	32	
	<i>Campanula persicifolia</i>	E1	.	.	.	1	.	+	.	+	+	.	.	.	.	.	.	.	.	.	+	.	5	26
	<i>Tamus communis</i>	E1	+	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	5	26
	<i>Carex flacca</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	1	.	.	.	.	+	2	4	21
	<i>Calamintha sylvatica</i>	E1	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	2	11	
	<i>Quercus pubescens</i>	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	1	.	2	11	
	<i>Quercus pubescens</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
	<i>Clematis recta</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
	<i>Tanacetum corymbosum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	5	
	<i>Buglossoides purpureoerulea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	1	5
	<i>Orchis signifera</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
	<i>Coronilla emerus</i> subsp. <i>emerus</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	5
QR	<b>Quercetalia roboris</b>																							
	<i>Frangula alnus</i>	E2	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	+	3	16	
	<i>Betonica officinalis</i>	E1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11	
	<i>Phyteuma zahlbruckneri</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	2	11	
	<i>Pteridium aquilinum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	11
	<i>Lembotropis nigricans</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	11
	<i>Melampyrum pratense</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
	<i>Quercus robur</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
	<i>Serratula tinctoria</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	5
TA	<b>Tilio-Acerion</b>																							
	<i>Tilia platyphyllos</i>	E3	.	+	.	.	.	.	1	.	.	.	r	.	.	.	.	.	.	.	.	3	16	



Number of relevé (Zaporedna številka popisov)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Pr.	Fr.	
<i>Acer platanoides</i>	E3	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Acer platanoides</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Acer pseudoplatanus</i>	E3	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Acer pseudoplatanus</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5
<i>Geranium robertianum</i>	E1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Phyllitis scolopendrium</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Polystichum aculeatum</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Ulmus glabra</i>	E3	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Ulmus glabra</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<b>AF Aremonio-Fagion</b>																						
<i>Cyclamen purpurascens</i>	E1	1	1	+	1	+	1	1	+	.	.	+	+	+	+	+	.	+	+	16	84	
<i>Knautia drymeia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	.	+	.	3	16
<i>Lamium orvala</i>	E1	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	2	11
<i>Omphalodes verna</i>	E1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	2	11
<i>Epimedium alpinum</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Cardamine enneaphyllos</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Scopolia carniolica</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Helleborus niger</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
<b>EC Erythronio-Carpinion</b>																						
<i>Primula vulgaris</i>	E1	.	+	.	1	+	.	1	.	.	+	.	.	.	.	+	+	.	.	+	8	42
<i>Helleborus odorus</i>	E1	+	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	16
<i>Galanthus nivalis</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<b>FS Fagetalia sylvaticae</b>																						
<i>Galium laevigatum</i>	E1	.	+	.	1	+	1	1	.	.	+	+	.	.	.	1	+	+	+	.	11	58
<i>Campanula trachelium</i>	E1	.	+	1	1	+	1	+	.	+	.	.	1	.	.	.	.	.	.	.	8	42
<i>Salvia glutinosa</i>	E1	+	+	+	+	.	.	1	+	.	.	.	.	.	.	.	.	r	.	.	7	37
<i>Asarum europaeum</i> subsp. <i>caucasicum</i>	E1	+	+	.	1	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	5	26
<i>Euphorbia amygdaloides</i>	E1	+	.	.	.	+	.	+	+	.	.	.	.	.	+	.	.	.	.	.	5	26
<i>Fagus sylvatica</i>	E3b	.	.	.	.	.	r	.	+	r	.	r	.	.	.	+	.	.	.	.	5	26
<i>Fagus sylvatica</i>	E2b	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	11
<i>Fagus sylvatica</i>	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	5
<i>Fagus sylvatica</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Galeobdolon flavidum</i>	E1	+	.	.	+	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	4	21
<i>Carpinus betulus</i>	E3	.	+	.	+	.	r	+	.	.	.	.	.	.	.	.	.	.	.	.	4	21
<i>Brachypodium sylvaticum</i>	E1	.	.	+	+	+	.	.	.	.	.	.	1	.	.	.	.	.	.	.	4	21
<i>Neottia nidus-avis</i>	E1	.	.	+	+	.	.	.	.	r	.	.	.	.	.	.	.	.	+	.	4	21
<i>Dryopteris filix-mas</i>	E1	.	.	+	+	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	4	21
<i>Mercurialis perennis</i>	E1	.	.	.	+	.	.	+	.	+	.	+	.	.	.	.	.	.	.	.	4	21
<i>Symphytum tuberosum</i>	E1	.	.	.	.	.	+	.	.	.	.	r	.	.	1	.	+	.	.	4	21	
<i>Epipactis helleborine</i>	E1	.	.	.	.	.	.	.	.	+	+	.	.	+	.	.	.	.	.	.	4	21
<i>Lathyrus vernus</i> subsp. <i>vernus</i>	E1	.	+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	16
<i>Mycelis muralis</i>	E1	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	16
<i>Lilium martagon</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	3	16
<i>Melica nutans</i>	E1	.	.	.	.	+	.	+	.	.	+	.	.	.	.	.	.	.	.	.	3	16
<i>Viola reichenbachiana</i>	E1	.	.	.	.	+	.	1	.	.	+	.	.	.	.	.	.	.	.	.	3	16
<i>Daphne mezereum</i>	E2a	.	.	.	.	.	+	+	.	.	.	+	.	.	.	.	.	.	.	.	3	16
<i>Pulmonaria officinalis</i>	E1	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
<i>Carpinus betulus</i>	E2a	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
<i>Poa nemoralis</i>	E1	.	.	.	.	.	1	.	.	.	.	+	.	.	.	.	.	.	.	.	2	11
<i>Scrophularia nodosa</i>	E1	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	2	11
<i>Lonicera alpigena</i>	E2	.	.	.	.	.	.	+	.	.	.	r	.	.	.	.	.	.	.	.	2	11
<i>Myosotis sylvatica</i>	E1	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	2	11
<i>Fraxinus excelsior</i>	E3	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Lathyrus vernus</i> subsp. <i>flaccidus</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Epilobium montanum</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Heracleum sphondylium</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Cephalanthera damasonium</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Cardamine bulbifera</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Tilia cordata</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	5
<i>Prenanthes purpurea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	5
<i>Prunus avium</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
<b>QF Quercus-Fagetea</b>																						
<i>Corylus avellana</i>	E2	1	+	1	+	+	.	.	.	r	.	+	+	+	.	+	.	.	.	.	10	53

Number of relevé (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Pr.	Fr.		
<i>Carex digitata</i>	E1	.	+	.	1	+	1	+	+	+	.	.	1	.	.	+	.	.	.	9	47		
<i>Vinca minor</i>	E1	1	+	2	1	1	1	.	.	.	.	1	.	.	.	.	.	.	.	7	37		
<i>Cephalanthera longifolia</i>	E1	.	.	.	+	+	.	+	+	.	.	.	.	.	.	.	.	+	+	6	32		
<i>Hepatica nobilis</i>	E1	.	.	.	1	+	1	+	.	.	+	.	.	.	.	.	.	.	.	5	26		
<i>Lonicera xylosteum</i>	E2	.	.	+	1	.	+	+	.	.	.	+	.	.	.	.	.	.	.	5	26		
<i>Clematis vitalba</i>	E2	.	.	1	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	21		
<i>Festuca heterophylla</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	1	+	.	+	.	4	21		
<i>Veratrum nigrum</i>	E1	.	.	.	+	1	+	.	.	.	.	.	.	.	.	.	.	.	.	+	4	21	
<i>Viola riviniana</i>	E1	.	.	+	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	3	16		
<i>Rosa arvensis</i>	E2a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	1	.	3	16		
<i>Acer campestre</i>	E3	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11		
<i>Acer campestre</i>	E2b	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5		
<i>Hedera helix</i>	E3a	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11		
<i>Hedera helix</i>	E2	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	11		
<i>Listera ovata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	2	11	
<i>Pyrus pyraster</i>	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	1	5	
<i>Pyrus pyraster</i>	E2a	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	2	11	
<i>Taxus baccata</i>	E3a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Taxus baccata</i>	E2b	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Cruciata glabra</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Carex montana</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5	
<b>EP Erico-Pinetea</b>																							
<i>Buphthalmum salicifolium</i>	E1	+	.	+	.	1	+	+	1	+	+	+	.	+	+	+	+	+	+	1	16	84	
<i>Calamagrostis varia</i>	E1	.	.	+	+	2	+	1	.	.	.	+	.	+	+	1	.	.	2	.	10	53	
<i>Cirsium erisithales</i>	E1	+	.	.	.	.	+	+	.	.	.	+	.	.	1	.	.	+	.	1	7	37	
<i>Polygala chamaebuxus</i>	E1	.	.	.	.	.	.	.	.	+	+	.	.	+	+	.	.	+	+	1	7	37	
<i>Amelanchier ovalis</i>	E2	.	.	.	.	.	.	.	.	.	+	.	.	+	+	.	+	+	.	+	6	32	
<i>Carex alba</i>	E1	+	.	.	3	+	.	2	.	.	.	.	.	.	.	.	.	.	.	1	5	26	
<i>Aster amellus</i>	E1	.	.	+	.	+	.	.	.	.	.	.	.	+	+	.	.	+	.	.	5	26	
<i>Epipactis atrorubens</i>	E1	.	.	+	.	+	.	.	+	.	.	.	.	+	.	.	.	+	.	.	5	26	
<i>Erica carnea</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	+	+	2	5	26	
<i>Chamaecytisus hirsutus</i>	E1	.	.	.	.	.	.	.	1	+	.	2	.	.	.	.	.	+	1	.	5	26	
<i>Peucedanum austriacum</i> s. lat.	E1	.	.	.	.	.	.	+	1	+	1	.	.	.	.	.	.	.	.	.	4	21	
<i>Carex ornithopoda</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	3	16	
<i>Molinia caerulea</i> subsp. <i>arundinacea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	+	.	3	16	
<i>Rubus saxatilis</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	2	11	
<i>Rhamnus saxatilis</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	2	+	.	.	.	.	.	.	2	11	
<i>Cotoneaster tomentosus</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	2	11	
<i>Leontodon incanus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	2	11
<i>Genista radiata</i>	E2a	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Aquilegia nigricans</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5	
<i>Crepis slovenica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	5	
<b>VP Vaccinio-Piceetea</b>																							
<i>Hieracium murorum</i>	E1	.	+	.	.	+	.	.	+	.	.	.	.	.	.	+	.	+	+	.	6	32	
<i>Picea abies</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	4	21	
<i>Solidago virgaurea</i>	E1	.	+	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	4	21	
<i>Clematis alpina</i>	E2a	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	2	11	
<i>Veronica urticifolia</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	2	11	
<i>Saxifraga cuneifolia</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Abies alba</i>	E2	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<b>RP Rhamno-Prunetea</b>																							
<i>Crataegus monogyna</i>	E2	+	+	+	.	.	+	+	.	.	.	.	.	.	.	.	1	r	.	.	8	42	
<i>Rhamnus catharticus</i>	E2	.	.	1	.	.	+	.	.	.	.	.	+	+	+	.	.	+	.	+	7	37	
<i>Rosa canina</i>	E2a	.	.	.	.	.	.	.	.	+	.	.	+	+	.	.	.	.	r	.	4	21	
<i>Cornus sanguinea</i>	E2	.	.	+	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	3	16	
<i>Ligustrum vulgare</i>	E2a	.	.	+	.	.	.	1	.	.	.	.	.	.	.	.	.	.	+	.	3	16	
<i>Rubus fruticosus</i> agg.	E2a	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	2	11	
<i>Rosa glauca</i>	E2	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	2	11	
<i>Viburnum lantana</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	2	11
<i>Prunus spinosa</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	5	
<i>Berberis vulgaris</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5	
<b>TG Trifolio-Geranietea</b>																							
<i>Vincetoxicum hirundinaria</i>	E1	+	+	+	.	+	+	1	1	1	+	+	1	.	1	.	+	1	+	1	16	84	

Number of relevé (Zaporedna številka popisov)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Pr.	Fr.	
<i>Clinopodium vulgare</i>	E1	.	.	1	1	1	1	.	1	+	+	+	1	.	+	1	.	.	.	+	12	63
<i>Digitalis grandiflora</i>	E1	+	.	.	+	1	+	1	1	+	+	r	1	.	.	+	.	+	.	.	12	63
<i>Achillea distans</i>	E1	.	.	+	+	+	1	.	1	1	.	1	+	.	.	+	.	+	+	.	11	58
<i>Polygonatum odoratum</i>	E1	.	.	+	+	.	.	.	+	+	+	+	+	.	.	+	+	+	.	11	58	
<i>Silene nutans</i>	E1	.	.	+	+	+	.	.	+	+	1	.	1	.	+	.	.	.	+	.	9	47
<i>Valeriana collina</i>	E1	.	.	.	+	+	+	+	+	1	.	+	.	.	.	.	.	.	+	.	9	47
<i>Origanum vulgare</i>	E1	.	.	.	.	+	.	1	+	+	.	+	1	.	.	.	.	+	+	.	8	42
<i>Anthericum ramosum</i>	E1	.	.	.	+	.	.	.	.	+	.	.	+	+	.	1	.	+	+	.	7	37
<i>Libanotis montana</i> s. lat.	E1	.	.	.	+	1	.	+	1	.	.	.	+	+	.	.	.	.	+	.	7	37
<i>Viola hirta</i>	E1	+	.	.	+	.	.	.	.	.	.	.	1	.	+	.	.	+	+	.	6	32
<i>Lilium carnolicum</i>	E1	.	.	.	+	+	.	.	.	+	.	.	.	r	.	.	.	+	+	.	6	32
<i>Thesium bavarum</i>	E1	.	.	.	.	.	.	.	.	+	1	+	.	+	.	.	.	.	+	+	6	32
<i>Thalictrum minus</i>	E1	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	+	+	+	5	26
<i>Verbascum lanatum</i>	E1	.	.	.	.	+	.	.	.	+	.	+	.	.	.	+	.	.	+	.	5	26
<i>Inula conyza</i>	E1	.	.	.	+	.	.	.	+	.	.	.	+	.	+	.	.	.	.	.	4	21
<i>Geranium sanguineum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	1	.	3	16
<i>Iris graminea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	3	16
<i>Laserpitium latifolium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	r	.	.	3	16
<i>Valeriana nemorensis</i>	E1	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	11
<i>Trifolium rubens</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	11
<i>Laserpitium siler</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	2	11
<i>Hypericum perforatum</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	2	11
<i>Astragalus glycyphyllos</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Salvia pratensis</i> subsp. <i>saccardiana</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Verbascum lychnitis</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	5
<i>Trifolium aureum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	5
<i>Calamintha einseleana</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
<i>Vicia sylvatica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	5
<i>Peucedanum cervaria</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
<b>FB Festuco-Brometea</b>																						
<i>Dianthus hyssopifolius</i> ( <i>D. monspessulanus</i> )	E1	.	.	1	+	1	+	.	.	+	.	+	1	+	+	+	+	+	+	.	13	68
<i>Carex humilis</i>	E1	.	.	2	1	1	.	+	.	.	.	.	2	.	3	2	+	2	+	+	11	58
<i>Teucrium chamaedrys</i>	E1	.	.	.	+	1	.	.	+	+	.	.	1	+	1	.	.	+	+	1	10	53
<i>Euphorbia cyparissias</i>	E1	.	.	.	+	+	.	.	+	.	.	.	+	+	+	.	+	.	+	.	9	47
<i>Galium lucidum</i>	E1	.	.	.	+	+	.	.	+	1	.	.	+	+	.	.	.	+	+	.	9	47
<i>Brachypodium rupestre</i>	E1	.	.	.	.	+	.	.	+	.	.	.	1	.	1	1	2	2	1	+	9	47
<i>Genista tinctoria</i>	E1	.	.	.	1	+	1	.	.	1	.	.	.	+	+	.	.	+	+	.	8	42
<i>Bromus erectus</i> agg.	E1	.	.	.	.	+	.	.	+	.	1	+	.	+	+	.	1	+	.	.	8	42
<i>Ajuga genevensis</i>	E1	.	.	.	+	+	+	+	+	+	.	.	.	+	+	.	.	.	.	.	7	37
<i>Thymus praecox</i> s. lat.	E1	.	.	.	.	+	.	.	+	.	+	+	.	.	.	+	.	.	.	+	6	32
<i>Helianthemum ovatum</i>	E1	.	.	.	.	.	.	.	+	+	.	+	+	+	+	.	.	.	.	.	6	32
<i>Stachys recta</i>	E1	.	.	.	.	+	.	.	1	.	.	.	.	.	+	1	.	.	.	.	4	21
<i>Allium carinatum</i> subsp. <i>pulchellum</i>	E1	.	.	.	.	1	.	.	.	.	.	.	+	+	.	.	.	+	.	.	4	21
<i>Centaurea bracteata</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	+	+	4	21
<i>Inula hirta</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	1	4	21
<i>Arabis hirsuta</i>	E1	.	.	.	+	.	.	.	.	+	.	r	.	.	.	.	.	.	.	.	3	16
<i>Carlina vulgaris</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	3	16
<i>Pimpinella saxifraga</i>	E1	.	.	.	+	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	3	16
<i>Koeleria pyramidata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1	+	+	.	.	.	.	.	3	16
<i>Teucrium montanum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	1	3	16
<i>Hippocrepis comosa</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	+	3	16
<i>Cirsium pannonicum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	+	3	16
<i>Allium carinatum</i> subsp. <i>carinatum</i>	E1	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
<i>Peucedanum oreoselinum</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	11
<i>Centaurea triumfettii</i>	E1	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	2	11
<i>Scabiosa triandra</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	2	11
<i>Satureja montana</i> subsp. <i>variegata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	2	11
<i>Carlina acaulis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	2	11
<i>Linum viscosum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	2	11
<i>Festuca rupicola</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Medicago lupulina</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Veronica barrelieri</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
<i>Polygala vulgaris</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5

Number of relevé (Zaporedna štev. popisa)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Pr.	Fr.	
<i>Cuscuta epithimum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Galium verum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Linum tenuifolium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Sanguisorba minor</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Scabiosa columbaria</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Plantago media</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Potentilla pusilla</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Prunella grandiflora</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Asphodelus albus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
<i>Hypochoeris maculata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
<i>Centaurea fritschii</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
<i>Globularia punctata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
<b>ES <i>Elyno-Seslerietea</i></b>																						
<i>Sesleria caerulea</i> subsp. <i>calcaria</i>	E1	.	.	.	2	1	.	.	1	3	2	.	1	.	1	1	1	1	.	10	53	
<i>Phleum hirsutum</i>	E1	.	.	.	+	.	.	2	.	+	+	+	.	.	.	.	.	.	.	.	5	26
<i>Carduus crassifolius</i>	E1	.	.	.	.	.	.	+	1	+	.	.	+	+	.	.	.	.	.	.	5	26
<i>Acinos alpinus</i>	E1	.	.	.	.	.	.	+	+	1	.	.	.	1	.	.	.	.	.	.	4	21
<i>Cerastium strictum</i>	E1	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	2	11
<i>Globularia cordifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	2	11
<i>Scabiosa lucida</i> subsp. <i>stricta</i>	E1	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Campanula witasekiana</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Helianthemum grandiflorum</i>	E1	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	1	5
<i>Leucanthemum maximum</i> agg.	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5
<i>Alchemilla vulgaris</i> agg.	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5
<i>Erigeron glabratus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
<i>Gentiana lutea</i> subsp. <i>symphyandra</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	5
<b>EA <i>Epilobietea angustifolii</i></b>																						
<i>Fragaria vesca</i>	E1	.	.	+	1	+	1	.	+	1	+	+	+	.	.	+	+	.	+	.	12	63
<i>Hypericum hirsutum</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
<i>Rubus idaeus</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	11
<i>Galeopsis speciosa</i>	E1	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	1	5
<i>Carex muricata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<b>MuA <i>Mulgedio-Aconitetea</i></b>																						
<i>Aconitum angustifolium</i>	E1	.	.	.	+	+	+	.	1	.	1	.	.	.	.	.	.	.	.	.	5	26
<b>GU <i>Galio-Urticetea</i></b>																						
<i>Geum urbanum</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	11
<i>Torilis japonica</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	11
<i>Rubus caesius</i>	E2a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Viola odorata</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Solanum dulcamara</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
<i>Turritis glabra</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
<b>MA <i>Molinio-Arrhenatheretea</i></b>																						
<i>Lotus corniculatus</i> s. lat.	E1	.	.	.	.	.	.	.	+	+	.	r	+	.	+	.	+	.	+	.	7	37
<i>Dactylis glomerata</i>	E1	.	.	+	.	+	+	.	+	.	.	.	+	.	.	.	.	.	.	.	5	26
<i>Lathyrus pratensis</i>	E1	.	.	+	.	.	.	.	+	+	.	.	+	.	.	.	.	.	+	.	5	26
<i>Veronica chamaedrys</i>	E1	.	.	+	+	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	5	26
<i>Festuca rubra</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	2	11
<i>Leucanthemum ircutianum</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Angelica sylvestris</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Colchicum autumnale</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
<b>TR <i>Thlaspietea rotundifolii</i></b>																						
<i>Hieracium bifidum</i>	E1	.	.	1	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	3	16
<i>Geranium macrorrhizum</i>	E1	.	.	1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	11
<i>Viola pyrenaica</i>	E1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
<i>Ligusticum seguieri</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	2	11
<i>Cerastium subtriflorum</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Veronica fruticulosa</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Gypsophila repens</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Biscutella laevigata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
<i>Petasites paradoxus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
<b>AT <i>Asplenietea trichomanis</i></b>																						
<i>Asplenium ruta-muraria</i>	E1	+	.	1	+	+	+	+	+	+	+	+	+	.	+	.	+	+	+	.	15	79
<i>Asplenium trichomanes</i>	E1	.	1	1	+	+	1	1	1	1	+	.	+	1	.	+	.	.	.	.	11	58



Number of relevé (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Pr.	Fr.		
<i>Sedum album</i>	E1	.	.	+	.	+	+	.	1	+	+	+	+	.	+	.	.	.	.	.	10	53	
<i>Festuca stenantha</i>	E1	.	.	.	.	+	.	.	+	.	+	+	+	+	1	.	+	.	.	.	8	42	
<i>Polypodium vulgare</i>	E1	.	.	1	+	+	1	.	+	+	+	.	.	.	.	.	.	.	.	.	7	37	
<i>Moehringia muscosa</i>	E1	+	.	1	1	+	.	1	.	.	+	.	.	.	.	.	.	.	.	.	6	32	
<i>Saxifraga petraea</i>	E1	.	1	.	.	.	.	+	.	+	r	.	+	.	.	.	.	.	.	.	5	26	
<i>Athamanta turbith</i>	E1	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	4	21	
<i>Sedum maximum</i>	E1	.	.	+	+	.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	4	21	
<i>Silene hayekiana</i>	E1	.	.	.	.	.	.	.	+	.	+	+	.	1	.	.	.	.	.	.	4	21	
<i>Sempervivum tectorum</i>	E1	.	.	.	.	.	.	.	.	+	.	.	+	.	+	.	r	.	.	.	4	21	
<i>Hieracium glaucum</i>	E1	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	3	16	
<i>Kernera saxatilis</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	+	3	16	
<i>Ceterach javorkeanum</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	3	16	
<i>Sedum hispanicum</i>	E1	.	.	1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	11	
<i>Potentilla caulescens</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	11	
<i>Seseli gouanii</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	2	11	
<i>Hieracium pospichalii</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Micromeria thymifolia</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Phyteuma scheuchzeri</i> subsp. <i>columnae</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Campanula spicata</i>	E1	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Carex brachystachys</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Dianthus sylvestris</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	5	
<i>Erysimum sylvestre</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5	
<i>Moehringia villosa</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	5	
<i>Iris pallida</i> subsp. <i>cengialti</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5	
<b>O Other species (Druge vrste)</b>																							
<i>Juniperus communis</i>	E2	.	.	1	.	.	.	.	.	.	.	.	+	.	+	.	.	.	+	.	2	5	
<i>Juglans regia</i>	E2	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
<i>Festuca</i> sp.	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<b>ML Mosses and lichens (Mahovi in lišaji)</b>																							
<i>Schistidium apocarpum</i>	E0	.	.	.	1	1	.	.	+	+	+	+	+	1	+	1	.	1	+	+	+	14	74
<i>Tortella tortuosa</i>	E0	.	.	.	.	.	.	.	+	+	+	+	.	+	+	.	+	+	+	+	+	11	58
<i>Anomodon viticulosus</i>	E0	.	1	2	1	.	1	+	1	1	+	+	1	.	.	.	.	.	.	.	10	53	
<i>Homalothecium sericeum</i>	E0	.	.	.	1	1	+	+	.	+	.	.	.	+	.	+	.	.	+	.	9	47	
<i>Homalothecium lutescens</i>	E0	.	.	2	1	+	1	.	1	.	+	.	.	+	.	+	.	.	.	.	8	42	
<i>Isothecium alopecuroides</i>	E0	.	+	.	.	+	1	+	.	.	.	.	+	.	.	.	.	.	.	+	6	32	
<i>Neckera crispa</i>	E0	.	.	.	.	1	2	+	.	.	.	+	.	.	.	.	.	.	.	.	+	6	32
<i>Hypnum cupressiforme</i>	E0	.	.	1	1	1	+	.	.	.	.	+	.	.	.	.	.	.	.	.	5	26	
<i>Peltigera canina</i>	E0	.	.	.	+	+	.	+	.	.	.	.	+	.	.	.	.	.	.	.	5	26	
<i>Ctenidium molluscum</i>	E0	.	.	1	+	.	.	1	.	.	.	+	.	.	.	.	.	.	.	.	4	21	
<i>Thuidium delicatulum</i>	E0	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	4	21	
<i>Anomodon attenuatus</i>	E0	.	.	.	.	+	+	1	.	.	.	.	.	.	.	.	.	.	.	.	3	16	
<i>Scleropodium purum</i>	E0	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	3	16	
<i>Dermatocarpon miniatum</i>	E0	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	10	
<i>Porella platyphylla</i>	E0	.	.	.	+	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	2	11	
<i>Cladonia pyxidata</i>	E0	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11	
<i>Rhytidium rugosum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	11	
<i>Dicranum scoparium</i>	E0	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Fissidens dubius</i>	E0	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Bartramia halleriana</i>	E0	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Eurhynchium striatum</i>	E0	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Metzgeria furcata</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Plagiochila porelloides</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Rhytidiadelphus triquetrus</i>	E0	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Neckera complanata</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Collema crispum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Polytrichum formosum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	
<i>Thuidium abietinum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5

Legend – Legenda  
 A Limestone – apneenc  
 D Dolomite – dolomit  
 L Marlstone – laporovec

Gr Gravel – grušč  
 R Chert – roženec  
 Re Rendzina – rendzina  
 Li Lythosols – kamnišče

**Table 2 (Tabela 2):** *Fraxino ornii-Ostryetum typicum* var. *Arabis turritia*, var. *Valeriana tripteris*.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Number of relevé (Zaporedna številka popisa)	480	590	350	890	980	400	460	1000	700	750	420	880	750	650	690	950	740	890	700	710	660	610	900
Database number of relevé (Delovna številka popisa)	211165	213312	221492	221260	221379	222918	222981	223048	223029	222978	246964	247092	247169	221320	222777	223156	212877	246984	217403	222648	222750	222751	221129
Elevation in m (Nadmorska višina v m)	S	NE	SW	S	SE	S	SE	S	SE	S	SE	SE	NE	NE	SE	SE	NE	E	NE	SW	N	N	NE
Aspect (Lega)	45	45	45	45	50	45	30	35	35	40	45	45	40	45	40	50	40	45	50	45	45	40	45
Slope in degrees (Nagib v stopinjah)	A	A	D	A	A	A	A	A	DA	D	D	A	AR	A	A	A	AR	AR	A	A	A	A	AR
Parent material (Matična podlaga)	Re	Re	Re	Re	Li	Re	Re	Re	Re	Re	Re	Re	Re	Li	Re	Re	Re	Re	Re	Re	Re	Re	Re
Soil (Tla)	40	20	30	50	40	70	20	60	20	30	40	40	20	80	30	70	80	80	30	30	30	30	70
Stoniness in % (Kamnitost v %)																							
Cover in % (Zastiranje v %):																							
Upper tree layer (Zgornja drevesna plast)	E3b	60	70	90	80	80	85	80	80	80	60	70	60	60	70	70	60	60	80	80	80	80	80
Lower tree layer (Spodnja drevesna plast)	E3a	40	20	40	30	30	10	20	15	10	40	30	20	10	30	20	30	30	20	20	20	20	20
Shrub layer (Grmovna plast)	E2	70	80	70	60	60	80	70	90	70	60	70	80	40	70	60	40	60	70	70	60	70	50
Herb layer (Zeliščna plast)	E0	10	20	10	10	10	15	10	15	20	10	10	10	10	20	10	10	10	30	20	30	30	20
Moss layer (Mahovna plast)	cm	15	20	25	30	20	20	20	20	15	20	25	20	25	35	30	25	20	20	20	25	20	25
Maximum diameter of trees (Največji prsni premer dreves)	m	10	12	12	8	8	12	10	8	8	10	6	6	8	8	8	15	6	12	8	14	12	12
Maximum height of trees (Največja drevesna višina)	m <sup>2</sup>	66	72	66	68	90	67	69	77	57	63	62	53	84	71	68	51	50	47	58	67	74	60
Number of species (Število vrst)		100	200	200	400	200	400	400	400	200	200	100	200	200	200	200	100	200	100	200	400	200	200
Relevé area (Velikost popisne ploskve)																							
Date of taking relevé (Datum popisa)	5/19/2005	5/16/2006	4/29/1999	5/8/2008	6/26/2006	5/21/1996	7/25/1990	5/14/2001	7/27/1990	7/26/1990	8/18/1999	6/6/1993	6/23/1991	8/29/2000	8/25/1998	8/6/1992	5/26/2006	5/20/1999	9/20/2007	6/16/2003	8/5/2002	8/5/2002	6/30/2004
Locality (Nahajališče)	Kluže	Lepena	Kobarid - V Mevcab	Izgora	Možnica	Starijski vrh	Mija - Nadiza	Mija-Pradol	Mija	Gačnik	Gačnik	Kacenhoh - Šprickovbl	Kacenhoh - Šprickovbl	Lepena	Kluže - Rombon	Polog-Lašca	Grudnica	Penckov grč	Golobar	Golobar	Trenta - Lavantink	Trenta - Lavantink	Srpentica - Strni breg
Quadrant (Kvadrant)	5136154	5131562	5124391	5136488	5138607	5123920	5123110	5119444	5121202	5121280	5103613	5119929	5120133	5130919	5136295	5123671	5109286	5111648	5132524	5132520	5135092	5135125	5127077
Coordinate GK Y (D-48)	391911	395890	391665	392175	388802	390609	384598	382327	383695	385490	410733	419779	419963	396126	391651	401170	406364	411994	392227	392245	400291	400282	384641
Coordinate GK X (D-48)	9647/2	9647/4	9747/2	9647/2	9647/1	9747/1	9747/3	9746/4	9746/4	9747/3	9949/1	9749/4	9749/4	9647/4	9647/2	9748/1	9848/4	9849/3	9647/4	9647/4	9648/1	9648/1	9747/1



Number of releveé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Pr.	Fr.	
	<i>Fraxinus ornus</i>	E3	1	3	+	2	1	1	2	1	2	1	1	2	1	1	2	1	1	1	1	1	1	1	1	22	96
	<i>Fraxinus ornus</i>	E2b	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	22	96
	<i>Fraxinus ornus</i>	E2a	2	1	1	1	1	1	1	1	1	1	1	1	2	+	+	+	+	2	+	1	1	1	1	17	74
	<i>Fraxinus ornus</i>	E1	1	+	+	+	+	+	+	+	+	+	+	+	1	1	1	1	1	+	1	1	1	1	1	10	43
	<i>Euonymus verrucosa</i>	E2	+	+	1	+	1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	78
	<i>Primula veris</i> subsp. <i>columnae</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	39
	<i>Peucedanum schottii</i>	E1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	5	22
CO	<b><i>Carpinion orientalis</i></b>																										
	<i>Coronilla emeroides</i>	E2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Frangula rupestris</i>	E2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Asparagus tenuifolius</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Sesleria autumnalis</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Mercurialis ovata</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
QP	<b><i>Quercetalia pubescens-petraeae</i></b>																										
	<i>Sorbus aria</i>	E3	+	+	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	18	78
	<i>Sorbus aria</i>	E2b	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	83
	<i>Sorbus aria</i>	E2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	39
	<i>Sorbus aria</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	17
	<i>Melittis melissophyllum</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	74
	<i>Cornus mas</i>	E2	r	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	35
	<i>Convallaria majalis</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	30
	<i>Hypericum montanum</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	30
	<i>Clematis recta</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	13
	<i>Tamus communis</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	9
	<i>Tanacetum corymbosum</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	9
	<i>Calamintha sylvatica</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Coronilla emerus</i> subsp. <i>emerus</i>	E2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Viola alba</i> subsp. <i>scotophylla</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Quercus pubescens</i>	E3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Campanula persicifolia</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
QR	<b><i>Quercetalia roboris</i></b>																										
	<i>Lembotopsis nigricans</i>	E2a	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	3	13
	<i>Quercus petraea</i>	E2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	13
	<i>Phyteuma zahlbruckneri</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	9
	<i>Betonica officinalis</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Castanea sativa</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Rubus hirtus</i>	E2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	<i>Pteridium aquilinum</i>	E1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4





	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Pr.	Fr.		
Number of relevé (Zaporedna številka popisa)																											
<i>Euphorbia amygdaloides</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9	
<i>Lilium martagon</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	2	9
<i>Epipactis helleborine</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	2	9
<i>Tilia cordata</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Campanula trachelium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	1	4
<i>Prenanthes purpurea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<b>QF</b>																											
<i>Quercus-Fagetea</i>																											
<i>Hepatica nobilis</i>	E1	1	.	.	1	1	+	1	+	+	+	.	+	+	1	+	+	1	1	1	1	1	+	+	20	87	
<i>Carex digitata</i>	E1	+	+	+	.	+	.	1	+	+	+	+	1	r	+	+	+	+	.	.	.	.	.	.	18	78	
<i>Lonicera xylosteum</i>	E2	.	.	.	+	+	+	.	.	.	.	.	.	.	r	.	+	.	.	.	.	.	.	.	.	9	39
<i>Veratrum nigrum</i>	E1	.	.	.	.	+	+	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	6	26
<i>Viola riviniana</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	5	22
<i>Vinca minor</i>	E1	.	.	.	.	1	1	1	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	4	17
<i>Hedera helix</i>	E2	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	4	17
<i>Rosa arvensis</i>	E2a	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	13
<i>Taxus baccata</i>	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Taxus baccata</i>	E2b	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	3	13
<i>Corylus avellana</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	2	9
<i>Cephalanthera longifolia</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
<i>Platanthera bifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
<i>Pyrus pyraster</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Cruciata glabra</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Festuca heterophylla</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Spiraea chamaedryfolia</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Clematis vitalba</i>	E2	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Staphylea pinnata</i>	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<b>EP</b>																											
<i>Ertico-Pinetea</i>																											
<i>Buphthalmum salicifolium</i>	E1	+	1	.	+	+	+	.	.	+	1	+	+	.	1	1	+	1	1	1	1	+	+	+	19	83	
<i>Calamagrostis varia</i>	E1	1	.	+	1	+	+	+	1	2	1	.	1	.	1	1	+	1	3	1	.	2	1	.	19	83	
<i>Polygala chamaebuxus</i>	E1	1	+	1	+	+	+	.	.	1	.	.	1	+	1	.	.	1	+	+	+	1	.	.	16	70	
<i>Erica carnea</i>	E1	3	3	3	.	.	.	.	1	1	+	.	.	.	r	.	.	2	+	1	+	1	.	.	13	57	
<i>Peucedanum austriacum</i> s. lat.	E1	.	+	.	.	+	.	.	.	.	.	+	+	+	1	.	.	.	+	+	+	1	1	+	8	35	
<i>Aster amellus</i>	E1	+	+	1	.	+	1	.	.	.	.	1	+	1	.	.	.	.	.	.	.	.	.	.	.	8	35
<i>Chamaecytisus hirsutus</i>	E1	2	1	+	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	8	35
<i>Cirsium erisithales</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	35
<i>Carex ornithopoda</i>	E1	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	26
<i>Amelanchier ovalis</i>	E2	.	.	.	+	+	+	.	.	.	.	.	.	+	r	.	.	.	.	.	.	.	.	.	.	5	22
<i>Carex alba</i>	E1	.	.	.	.	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	22



Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Pr.	Fr.	
	<i>Climopodium vulgare</i>	E1	.	.	+	+	.	+	.	+	+	r	.	.	.	.	+	.	.	.	+	+	.	.	9	39	
	<i>Achillea distans</i>	E1	.	.	+	.	.	+	+	+	2	.	+	.	.	.	.	.	.	.	.	+	.	.	.	8	35
	<i>Laserpitium siler</i>	E1	2	1	+	.	.	.	.	.	.	.	1	.	.	.	+	.	.	.	.	.	.	.	.	6	26
	<i>Thesium bavarum</i>	E1	+	.	1	+	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	6	26
	<i>Lilium carniolicum</i>	E1	.	.	+	+	.	.	+	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	6	26
	<i>Origanum vulgare</i>	E1	.	.	+	+	.	.	+	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	6	26
	<i>Laserpitium latifolium</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	4	17
	<i>Inula conyza</i>	E1	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	<i>Thalictrum minus</i>	E1	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	<i>Verbascum lanatum</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Peucedanum cervaria</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Libanotis montana</i> s. lat.	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Verbascum lychnitis</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Calamintha eisenseana</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Hypericum perforatum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Iris graminea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	1	4
	<i>Trifolium rubens</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	4
	<i>Lathyrus sylvestris</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	4
FB	<b>Festuco-Brometea</b>																										
	<i>Dianthus hyssopifolius</i> ( <i>D. monspessulanus</i> )	E1	+	+	+	+	+	2	+	+	+	.	+	.	+	+	+	.	.	.	.	.	.	.	+	18	78
	<i>Carex humilis</i>	E1	1	+	1	2	+	.	+	2	1	2	1	1	+	1	2	+	.	.	.	.	.	.	.	16	70
	<i>Teucrium chamaedrys</i>	E1	.	+	1	1	1	1	1	1	1	+	.	.	.	.	+	.	.	.	.	.	.	.	.	11	48
	<i>Euphorbia cyparissias</i>	E1	.	+	+	+	1	+	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	10	43
	<i>Bromus erectus</i> agg.	E1	+	.	.	1	+	+	+	+	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	9	39
	<i>Genista tinctoria</i>	E1	+	.	.	.	.	+	+	+	+	+	1	.	.	.	.	.	.	.	.	.	.	.	.	9	39
	<i>Allium carinatum</i> subsp. <i>pulchellum</i>	E1	+	.	.	+	.	1	+	1	.	.	1	.	.	+	.	.	.	.	.	.	.	.	.	8	35
	<i>Peucedanum oreoselinum</i>	E1	+	1	1	1	1	1	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	35
	<i>Galium lucidum</i>	E1	+	.	.	+	1	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7	30
	<i>Satureja montana</i> subsp. <i>variegata</i>	E1	+	+	+	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	7	30
	<i>Brachypodium rupestre</i>	E1	.	.	.	.	.	.	+	1	.	+	+	+	.	.	+	.	.	.	.	.	.	.	.	7	30
	<i>Centaurea bracteata</i>	E1	.	+	.	.	.	.	+	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	5	22
	<i>Ajuga genevensis</i>	E1	.	.	.	+	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	5	22
	<i>Helianthemum ovatum</i>	E1	+	+	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	17
	<i>Pimpinella saxifraga</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	17
	<i>Stachys recta</i>	E1	.	+	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	17
	<i>Thymus praecox</i> s. lat.	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	17
	<i>Prunella grandiflora</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	<i>Centaurea triumfetti</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	9



		Number of relevé (Zaporedna številka popisa)																							Fr.				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Pr.	Fr.			
	<i>Taraxacum officinale</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	4		
PaT	<i>Ranunculus nemorosus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
TR	<b><i>Thaspisetea rotundifolii</i></b>																												
	<i>Gypsophila repens</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	2	9	
	<i>Achnatherum calamagrostis</i>	E1	.	.	.	.	.	.	.	.	r	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	2	9	
	<i>Hieracium bifidum</i>	E1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Erigeron angulosus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Viola pyrenaica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	1	4	
AT	<b><i>Asplenietea trichomanis</i></b>																												
	<i>Asplenium ruta-muraria</i>	E1	+	+	+	1	+	+	1	1	+	+	+	+	+	1	+	1	+	1	+	+	+	+	+	+	23	100	
	<i>Asplenium trichomanes</i>	E1	+	1	+	1	+	1	1	+	+	+	+	+	+	1	+	+	+	+	1	+	1	+	1	+	22	96	
	<i>Moehringia muscosa</i>	E1	.	.	.	+	1	1	+	+	.	.	.	.	+	+	+	+	+	+	+	+	+	+	+	.	15	65	
	<i>Sedum album</i>	E1	+	+	+	+	+	+	+	+	+	+	+	+	r	.	.	.	.	.	.	.	.	.	.	.	12	52	
	<i>Polypodium vulgare</i>	E1	.	+	.	+	.	+	.	+	.	.	.	.	+	1	.	.	.	.	+	+	+	+	+	.	12	52	
	<i>Festuca stenantha</i>	E1	.	+	.	+	.	.	+	.	.	.	.	.	+	1	+	.	.	.	r	.	.	.	.	.	8	35	
	<i>Athamanta turbita</i>	E1	+	+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	26	
	<i>Silene hayekiana</i>	E1	+	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	4	17	
	<i>Iris pallida</i> subsp. <i>cengialti</i>	E1	.	.	.	.	3	.	.	+	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	4	17	
	<i>Asplenium viride</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	17	
	<i>Sedum maximum</i>	E1	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	13	
	<i>Sempervivum tectorum</i>	E1	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	3	13	
	<i>Micromeria thymifolia</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	3	13	
	<i>Potentilla caulescens</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	3	13	
	<i>Hieracium glaucum</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	3	13	
	<i>Seseli gouanii</i>	E1	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9	
	<i>Campanula spicata</i>	E1	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9	
	<i>Erysimum sylvestri</i>	E1	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9	
	<i>Ceterach javorkeanum</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9	
	<i>Cystopteris fragilis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9	
	<i>Kernera saxatilis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Rhannus pumilus</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Saxifraga petraea</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Paederota lutea</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Phyteuma scheuchzeri</i> subsp. <i>columnae</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Moehringia villosa</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Valeriana saxatilis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
O	<b>Other species (Druga vrste)</b>																												
	<i>Juniperus communis</i>	E2	+	.	.	.	.	.	.	+	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	7	30





**Table 3 (Tabela 3):** *Fraxino orni-Ostryetum phyteumatetosum columnae* subass. nova.

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10
Database number of relevé (Delovna številka popisa)		218069	234554	234593	241499	241528	241529	246920	246922	246986	246987
Elevation in m (Nadmorska višina v m)		690	780	1070	810	850	765	650	760	770	850
Aspect (Lega)		SE	E	E	SE	SE	E	NE	E	NE	NE
Slope in degrees (Nagib v stopinjah)		40	50	45	50	40	45	45	45	40	45
Parent material (Matična podlaga)		DR	D	D	D	D	D	D	D	D	D
Soil (Tla)		Re	Re	Re	Re	Re	Re	Re	Re	Re	Re
Stoniness in % (Kamnitost v %)		10	50	30	20	30	20	40	20	30	50
Cover in % (Zastiranje v %):											
Upper tree layer (Zgornja drevesna plast)	E3b	80	60	60	70	90	80	60	60	60	60
Lower tree layer (Spodnja drevesna plast)	E3a	.	.	.	.	.	.	.	.	.	.
Shrub layer (Grmovna plast)	E2	20	30	40	20	10	10	40	40	30	30
Herb layer (Zeliščna plast)	E1	80	50	70	80	80	90	60	80	60	60
Moss layer (Mahovna plast)	E0	5	5	5	5	5	5	10	5	5	5
Maximum diameter of trees (Največji prsni premer dreves)	cm	20	30	20	20	20	20	20	20	25	15
Maximum height of tress (Največja drevesna višina)	m	10	10	6	8	9	10	8	7	10	14
Number of species (Število vrst)		40	50	39	63	60	58	86	66	74	70
Relevé area (Velikost popisne ploskve)	m <sup>2</sup>	200	200	100	200	200	200	200	200	200	200
Date of taking relevé (Datum popisa)		5/20/2005	8/26/2003	8/20/2003	4/12/2011	8/11/2011	8/11/2011	9/1/1999	9/1/1999	5/27/1999	5/27/1999
Locality (Nahajališče)		Grahovo-Rinkova glava	Stanov rob	Poldanovec	Skopica	Skopica	Skopica	Kozjek - Gradov rob	Kozjek - Gradov rob	Kendov vrh	Kendove robe
Quadrant (Kvadrant)		9849/1	9948/4	9949/3	9948/2	9948/2	9948/2	9948/2	9948/2	9950/3	9950/3
Coordinate GK Y (D-48)	m	412396	408930	409962	408352	408356	408492	409030	408949	423836	423787
Coordinate GK X (D-48)	m	5113737	5098992	5097149	5106327	5106334	5106022	5104730	5104470	5100619	5100636
<b>Diagnostic species of the association (Diagnostične vrste asociacije)</b>											
ES	<i>Betonica alopecuroides</i>	E1	1	+	+	+	1	1	1	.	1
AT	<i>Paederota lutea</i>	E1	.	+	+	+	+	.	+	+	1
AT	<i>Potentilla caulescens</i>	E1	.	+	+	+	+	+	+	.	.
EP	<i>Allium ericetorum</i>	E1	.	+	+	+	+	+	1	1	.
EP	<i>Asperula aristata</i>	E1	.	+	+	+	+	+	+	.	.
ES	<i>Phyteuma orbiculare</i>	E1	.	.	.	.	+	+	+	.	.
AT	<i>Primula auricula</i>	E1	.	.	1	+	+	.	.	.	+
VP	<i>Picea abies</i>	E3	.	.	.	.	.	.	.	.	r
VP	<i>Picea abies</i>	E2	.	.	.	.	.	.	r	+	r
TR	<i>Campanula cespitosa</i>	E1	.	.	1	.	.	+	+	.	r



Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10
EP	<i>Galium purpureum</i>	E1	+	+	.	.	.	.	+	.	.
BA	<i>Salix appendiculata</i>	E2	.	.	.	+	.	.	+	.	+
FS	<i>Laburnum alpinum</i>	E3	.	.	.	.	.	.	.	+	r
FS	<i>Laburnum alpinum</i>	E2	.	.	.	.	.	.	.	+	r
FS	<i>Laburnum alpinum</i>	E1	.	.	r	.	.	.	.	.	.
BA	<i>Salix glabra</i>	E2a	.	.	+	.	.	.	+	.	.
TR	<i>Hieracium porrifolium</i>	E1	.	.	.	.	.	r	+	.	.
AF	<i>Anemone trifolia</i>	E1	.	.	.	.	.	.	r	+	.
AT	<i>Campanula carnica</i>	E1	.	.	.	.	.	.	.	.	.
AF	<i>Rhamnus fallax</i>	E2	.	+	.	.	.	.	.	.	.
<b>Differential species of the subassociation (Razlikovalne vrste subasociacije)</b>											
AT	<i>Phyteuma scheuchzeri</i> subsp. <i>columnae</i>	E1	.	+	+	+	+	+	+	+	1
CO	<i>Mercurialis ovata</i>	E1	2	1	+	+	+	+	+	1	+
EP	<i>Rhododendron hirsutum</i>	E2a	.	.	+	.	.	+	+	.	1
QP	<i>Cotinus coggygria</i>	E2	.	.	.	.	.	.	1	.	.
AF	<i>Omphalodes verna</i>	E1	.	.	.	.	.	.	.	.	+
TG	<i>Salvia pratensis</i> subsp. <i>saccardiana</i>	E1	.	.	.	r	.	+	+	.	.
ES	<i>Laserpitium peucedanoides</i>	E1	.	.	+	.	.	.	+	.	.
AT	<i>Primula carniolica</i>	E1	.	.	.	.	.	r	r	r	.
AF	<i>Potentilla carniolica</i>	E1	.	.	.	.	.	.	.	.	1
FB	<i>Scabiosa hladnikiana</i>	E1	.	.	.	.	.	.	.	.	+
EP	<i>Rhodothamnus chamaecistus</i>	E1	.	.	+	.	.	.	+	+	.
AT	<i>Daphne alpina</i>	E2a	.	+	.	+	+	.	+	.	+
EP	<i>Genista januensis</i>	E1	.	.	.	.	.	.	+	.	+
FO	<b><i>Fraxino orni-Ostryion</i></b>										
	<i>Ostrya carpinifolia</i>	E3	2	4	3	3	4	4	3	3	3
	<i>Ostrya carpinifolia</i>	E2b	+	+	1	+	+	.	1	1	1
	<i>Ostrya carpinifolia</i>	E2a	.	+	.	.	+	.	+	.	.
	<i>Ostrya carpinifolia</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Fraxinus ornus</i>	E3	2	1	+	2	2	2	1	1	2
	<i>Fraxinus ornus</i>	E2b	1	1	.	2	1	1	1	1	1
	<i>Fraxinus ornus</i>	E2a	1	.	.	.	1	1	1	1	.
	<i>Fraxinus ornus</i>	E1	1	1	.	.	1	.	.	.	1
	<i>Euonymus verrucosa</i>	E2	.	+	.	.	.	.	.	.	+
	<i>Primula veris</i> subsp. <i>columnae</i>	E1	.	.	.	.	.	.	.	.	.
CO	<b><i>Carpinion orientalis</i></b>										
	<i>Asparagus tenuifolius</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Mercurialis x paxii</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Aristolochia lutea</i>	E1	.	.	.	.	.	.	.	.	.
QP	<b><i>Quercetalia pubescenti-petraeae</i></b>										
	<i>Sorbus aria</i>	E3	2	+	1	1	1	+	.	1	+
	<i>Sorbus aria</i>	E2b	+	+	1	1	1	1	1	+	1
	<i>Sorbus aria</i>	E2a	.	+	.	.	+	+	1	+	+
	<i>Sorbus aria</i>	E1	.	.	.	.	+	.	.	.	.
	<i>Melittis melissophyllum</i>	E1	+	.	.	.	+	+	+	.	+
	<i>Convallaria majalis</i>	E1	1	+	.	.	.	.	+	+	+
	<i>Carex flacca</i>	E1	.	.	.	1	1	1	+	.	.
	<i>Cornus mas</i>	E2	.	.	.	.	.	.	.	.	.
	<i>Quercus pubescens</i>	E3b	2	.	.	.	.	.	.	.	.
	<i>Quercus pubescens</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Clematis recta</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Epipactis muelleri</i>	E1	.	.	.	.	.	.	.	.	.

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Pr.	Fr.
.	.	+	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	+	+	.	9	28
.	+	.	r	.	.	.	.	.	.	.	+	.	1	.	.	.	.	+	.	.	.	9	28
.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	4	13
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+	+	+	+	+	+	1	+	+	+	+	+	.	1	+	+	1	.	.	.	.	.	26	81
.	.	r	.	.	r	.	+	1	+	1	+	.	+	1	+	1	.	+	.	+	.	23	72
3	3	r	1	+	.	+	.	.	.	2	+	+	.	.	.	.	.	+	1	.	.	16	50
.	.	.	r	2	2	2	+	+	3	+	+	3	.	+	2	.	.	.	.	.	.	14	44
r	r	+	+	.	+	.	.	.	+	1	+	.	+	.	.	.	.	.	.	.	.	11	34
.	.	.	.	.	.	.	.	+	.	.	+	+	.	+	+	.	.	.	.	.	.	8	25
+	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	1	.	.	6	19
.	.	.	.	.	.	.	.	.	r	.	+	+	+	.	.	.	.	.	.	.	.	8	25
+	.	.	.	.	+	.	.	.	+	1	+	.	.	.	.	.	.	.	.	.	.	6	19
.	.	.	.	.	.	.	.	r	1	+	+	.	.	+	.	.	.	.	.	.	.	6	19
+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	5	16
.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	19
.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	5	16
3	3	4	3	4	3	3	4	4	3	3	4	3	4	4	3	4	4	4	3	3	3	32	100
+	1	.	.	.	.	+	+	.	1	1	1	1	1	.	+	.	.	.	1	.	+	21	66
.	.	+	+	+	+	.	.	.	.	.	.	.	+	+	.	.	.	+	1	1	+	13	41
+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	6
2	2	1	1	1	2	1	1	1	+	1	+	2	.	1	1	r	2	.	1	1	2	30	94
1	1	1	1	1	1	2	.	1	1	1	1	.	.	1	1	2	+	1	2	.	1	27	84
.	.	.	+	+	1	.	.	1	1	+	+	.	.	1	1	.	1	1	1	1	1	19	59
+	+	+	.	.	.	+	+	.	1	.	+	.	1	+	.	.	.	+	.	+	1	16	50
+	.	.	.	.	.	.	+	.	.	r	.	.	.	.	.	+	.	.	.	.	.	6	19
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	3
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1	+	.	1	1	+	+	.	+	.	.	r	.	+	+	1	+	.	.	.	.	.	21	66
+	.	1	1	.	.	+	+	+	+	1	1	+	+	.	1	.	+	1	1	+	+	26	81
+	.	.	.	.	.	.	.	.	+	+	+	.	+	.	+	+	.	+	+	+	+	18	56
.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	6
.	.	.	.	.	+	.	+	+	.	+	r	.	.	1	.	+	.	+	.	+	.	15	47
.	+	1	+	.	.	.	+	.	.	1	.	.	.	.	.	.	.	1	2	+	.	14	44
.	+	.	.	.	+	+	.	.	+	.	+	.	.	.	+	.	.	.	.	.	.	10	31
.	.	.	.	.	.	1	+	.	r	.	.	.	.	+	.	+	.	.	.	.	.	5	16
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	r	.	.	.	.	.	3	9
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.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	2	6



Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	
	<i>Orchis signifera</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Sorbus austriaca</i> s. lat.	E2b	.	.	.	.	.	.	.	.	.	
	<i>Viola alba</i> subsp. <i>scotophylla</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Buglossoides purpureocaerulea</i>	E1	.	.	.	.	.	.	.	.	.	
QR	<b><i>Quercetalia roboris</i></b>											
	<i>Pteridium aquilinum</i>	E1	.	.	.	.	r	l	.	l	.	
	<i>Frangula alnus</i>	E2	.	.	.	.	.	r	.	r	r	
	<i>Serratula tinctoria</i>	E1	+	.	.	.	.	.	+	.	.	
	<i>Quercus petraea</i>	E1	.	.	.	.	.	.	.	+	.	
	<i>Potentilla erecta</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Quercus robur</i>	E3	.	.	.	.	.	.	.	.	.	
	<i>Quercus robur</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Populus tremula</i>	E3	.	.	.	.	.	.	+	.	.	
	<i>Populus tremula</i>	E2	.	.	.	.	.	.	+	+	.	
	<i>Betonica officinalis</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Lembotropis nigricans</i>	E2a	.	.	.	.	.	.	.	.	.	
TA	<b><i>Tilio-Acerion</i></b>											
	<i>Acer pseudoplatanus</i>	E3	.	.	.	r	.	.	.	.	.	
	<i>Acer pseudoplatanus</i>	E2a	.	.	.	.	.	.	.	+	.	
	<i>Acer pseudoplatanus</i>	E1	.	+	.	+	+	r	.	+	.	
	<i>Tilia platyphyllos</i>	E2b	.	.	.	.	.	.	.	.	.	
	<i>Aruncus dioicus</i>	E1	.	.	.	.	.	.	.	+	.	
	<i>Thalictrum aquilegiifolium</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Polystichum aculeatum</i>	E1	.	.	.	.	.	.	.	.	.	
AF	<b><i>Aremonio-Fagion</i></b>											
	<i>Cyclamen purpurascens</i>	E1	.	+	l	+	l	l	.	+	+	+
	<i>Helleborus niger</i>	E1	.	.	.	+	+	l	+	+	.	
	<i>Knautia drymeia</i>	E1	.	.	.	.	.	.	+	.	.	
	<i>Euphorbia carniolica</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Cardamine enneaphyllos</i>	E1	.	.	.	.	.	.	.	l	.	
EC	<b><i>Erythronio-Carpinion</i></b>											
	<i>Primula vulgaris</i>	E1	.	+	.	.	.	.	+	.	.	
FS	<b><i>Fagetalia sylvaticae</i></b>											
	<i>Fagus sylvatica</i>	E3	.	.	.	.	.	.	.	.	r	
	<i>Fagus sylvatica</i>	E2b	.	.	.	r	.	r	.	.	.	
	<i>Fagus sylvatica</i>	E2a	.	.	.	+	.	r	r	r	+	r
	<i>Fagus sylvatica</i>	E1	.	.	.	+	.	.	.	.	.	
	<i>Epipactis helleborine</i>	E1	.	.	.	.	.	r	+	.	.	
	<i>Melica nutans</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Salvia glutinosa</i>	E1	.	.	.	+	+	.	.	.	.	
	<i>Lonicera alpigena</i>	E2	.	.	+	.	.	.	.	+	+	
	<i>Mercurialis perennis</i>	E1	.	.	l	.	+	.	.	.	+	
	<i>Viola reichenbachiana</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Neottia nidus-avis</i>	E1	.	.	.	.	.	r	.	.	.	
	<i>Daphne mezereum</i>	E2a	.	.	.	.	.	.	.	+	.	
	<i>Galium laevigatum</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Lathyrus vernus</i> subsp. <i>vernus</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Lilium martagon</i>	E1	.	.	.	r	.	.	.	.	.	
	<i>Mycelis muralis</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Asarum europaeum</i> subsp. <i>caucasicum</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Prenanthes purpurea</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Campanula trachelium</i>	E1	.	.	.	.	.	.	.	.	.	
	<i>Prunus avium</i>	E2a	.	.	.	.	.	.	.	.	.	

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Pr.	Fr.	
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Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10
QF	<b>Quercu-Fagetea</b>										
	<i>Carex digitata</i>	E1	.	.	.	+	.	.	.	.	+
	<i>Hepatica nobilis</i>	E1	.	.	1	.	.	.	.	.	+
	<i>Corylus avellana</i>	E2	.	.	.	.	.	.	+	.	.
	<i>Cephalanthera longifolia</i>	E1	+	.	.	.	.	.	.	.	.
	<i>Veratrum nigrum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Viscum album</i> subsp. <i>album</i>	E3a	.	+	.	.	.	+	.	.	.
	<i>Platanthera bifolia</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Viola riviniana</i>	E1	.	.	.	.	r	.	.	.	.
	<i>Lonicera xylosteum</i>	E2	.	.	.	.	.	.	.	.	.
	<i>Pyrus pyraster</i>	E3a	.	.	.	.	.	.	.	.	.
	<i>Listera ovata</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Clematis vitalba</i>	E2	.	.	.	.	.	.	.	.	.
	<i>Rosa arvensis</i>	E2a	.	.	.	.	.	.	.	.	.
	<i>Vinca minor</i>	E1	.	.	.	.	.	.	.	.	.
EP	<b>Erico-Pinetea</b>										
	<i>Erica carnea</i>	E1	3	3	4	4	4	3	3	4	3
	<i>Amelanchier ovalis</i>	E2	+	2	3	1	+	1	1	1	1
	<i>Polygala chamaebuxus</i>	E1	1	1	.	+	1	+	1	+	+
	<i>Calamagrostis varia</i>	E1	1	.	1	+	2	3	1	1	2
	<i>Buphthalmum salicifolium</i>	E1	.	.	+	.	.	+	+	+	1
	<i>Chamaecytisus hirsutus</i>	E1	.	+	.	+	+	.	1	1	+
	<i>Molinia caerulea</i> subsp. <i>arundinacea</i>	E1	+	.	.	1	+	+	1	.	.
	<i>Leontodon incanus</i>	E1	+	.	.	.	.	.	+	.	+
	<i>Cirsium erisithales</i>	E1	+	.	.	.	.	1	.	.	1
	<i>Rubus saxatilis</i>	E1	.	.	.	.	r	r	+	1	1
	<i>Cotoneaster tomentosus</i>	E2	.	+	.	+	.	.	.	+	+
	<i>Carex ornithopoda</i>	E1	.	+	.	.	.	.	.	+	.
	<i>Rhamnus saxatilis</i>	E2a	.	.	.	.	.	.	.	.	.
	<i>Chamaecytisus purpureus</i>	E1	.	.	.	.	.	.	1	.	.
	<i>Carex alba</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Aster amellus</i>	E1	+	+	.	.	.	.	+	.	.
	<i>Genista radiata</i>	E2a	.	+	.	.	+	.	.	.	.
	<i>Pinus sylvestris</i>	E3b	.	.	.	.	.	.	.	.	.
	<i>Pinus sylvestris</i>	E2b	.	.	.	.	.	.	.	.	r
	<i>Epipactis atrorubens</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Pinus nigra</i>	E3b	.	+	+	.	.	.	.	.	.
	<i>Pinus nigra</i>	E2	.	+	+	.	.	.	.	.	.
	<i>Aquilegia nigricans</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Euphrasia cuspidata</i>	E1	.	.	.	.	.	.	+	.	.
	<i>Crepis slovenica</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Peucedanum austriacum</i> s. lat.	E1	.	.	.	.	.	.	.	.	.
VP	<b>Vaccinio-Piceetea</b>										
	<i>Hieracium murorum</i>	E1	.	.	.	.	.	.	.	.	1
	<i>Rosa pendulina</i>	E2a	.	.	.	.	.	.	+	.	+
	<i>Valeriana tripteris</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Solidago virgaurea</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Lonicera nigra</i>	E1	.	.	.	.	.	.	.	.	.
RP	<b>Rhamno-Prunetea, Sambuco-Salicion capreae</b>										
	<i>Rhamnus catharticus</i>	E2	+	+	.	+	+	.	+	+	+
	<i>Viburnum lantana</i>	E2	.	.	.	+	.	.	.	+	+
	<i>Crataegus monogyna</i>	E3	.	.	.	.	.	.	.	.	.
	<i>Crataegus monogyna</i>	E2	.	.	.	.	.	.	.	.	.

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Pr.	Fr.
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1	+	1	+	.	+	+	+	+	1	+	+	1	+	+	+	+	+	+	2	+	1	31	97
1	1	1	1	+	.	.	+	1	1	1	1	+	1	1	1	1	+	.	+	+	1	28	88
1	1	2	1	.	+	.	.	.	.	+	1	1	1	.	+	+	1	.	2	+	1	24	75
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Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10
	<i>Berberis vulgaris</i>	E2a	+	.	.	.	.	.	.	.	.
SSC	<i>Sorbus aucuparia</i>	E3a	.	.	.	.	.	.	.	.	.
SSC	<i>Sorbus aucuparia</i>	E2a	.	.	.	.	.	.	.	.	.
	<i>Cornus sanguinea</i>	E2	.	.	.	.	.	.	.	.	.
	<i>Ligustrum vulgare</i>	E2a	.	.	.	.	.	.	.	.	.
	<i>Rosa canina</i>	E2a	.	.	.	.	.	.	.	.	.
	<i>Berberis vulgaris</i>	E2b	.	.	.	.	.	.	.	.	.
	<i>Rubus fruticosus</i> agg.	E2a	.	.	.	.	.	.	.	.	.
TG	<b>Trifolio-Geranietea</b>										
	<i>Vincetoxicum hirsutinaria</i>	E1	1	+	.	r	1	1	1	+	1
	<i>Anthericum ramosum</i>	E1	+	+	.	+	.	.	+	+	+
	<i>Viola hirta</i>	E1	1	+	.	+	.	+	+	+	+
	<i>Polygonatum odoratum</i>	E1	+	.	.	+	+	+	+	+	+
	<i>Laserpitium siler</i>	E1	.	.	.	+	.	.	+	1	1
	<i>Lilium carnioolicum</i>	E1	+	.	.	+	+	+	r	.	r
	<i>Origanum vulgare</i>	E1	.	.	.	+	+	.	+	+	+
	<i>Thalictrum minus</i>	E1	+	.	.	r	.	+	+	1	.
	<i>Thesium bavarum</i>	E1	+	.	.	+	.	.	+	+	.
	<i>Iris graminea</i>	E1	+	.	.	1	1	+	.	.	.
	<i>Geranium sanguineum</i>	E1	+	.	.	.	+	.	.	.	.
	<i>Digitalis grandiflora</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Laserpitium latifolium</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Achillea distans</i>	E1	.	+	.	+	+	.	.	.	.
	<i>Coronilla coronata</i>	E1	.	.	.	.	.	+	.	.	.
	<i>Valeriana collina</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Clinopodium vulgare</i>	E1	.	.	.	+	.	.	.	.	+
	<i>Grafia golaka</i>	E1	.	.	.	.	.	1	.	+	.
	<i>Silene nutans</i>	E1	.	.	.	.	.	.	.	+	.
	<i>Hypericum perforatum</i>	E1	.	.	.	.	.	+	.	.	.
	<i>Campanula rapunculoides</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Peucedanum cervaria</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Libanotis montana</i> s. lat.	E1	.	.	.	.	.	.	.	.	.
	<i>Verbascum lanatum</i>	E1	.	.	.	.	.	.	.	.	.
FB	<b>Festuco-Brometea</b>										
	<i>Carex humilis</i>	E1	3	3	2	2	2	1	1	1	2
	<i>Galium lucidum</i>	E1	.	+	+	+	+	+	+	+	+
	<i>Teucrium chamaedrys</i>	E1	+	.	.	.	+	.	+	.	r
	<i>Dianthus hyssopifolius</i> ( <i>D. monspessulanus</i> )	E1	+	+	.	+	1	+	+	+	.
	<i>Peucedanum oreoselinum</i>	E1	.	+	+	.	.	.	+	+	.
	<i>Teucrium montanum</i>	E1	.	+	+	+	+	+	+	.	r
	<i>Brachypodium rupestre</i>	E1	+	.	.	+	2	1	+	.	.
	<i>Euphorbia cyparissias</i>	E1	.	.	.	+	+	+	.	.	.
	<i>Stachys recta</i>	E1	.	.	.	+	+	.	.	.	.
	<i>Thymus praecox</i> s. lat.	E1	.	.	1	.	.	.	.	.	+
	<i>Inula hirta</i>	E1	.	.	.	.	.	.	+	+	.
	<i>Centaurea bracteata</i>	E1	.	.	.	+	.	.	1	+	.
	<i>Carlina acaulis</i>	E1	.	.	.	.	.	.	+	.	.
	<i>Bromus erectus</i> agg.	E1	+	.	.	.	.	.	.	.	.
	<i>Ajuga genevensis</i>	E1	.	.	.	+	.	.	.	.	.
	<i>Satureja montana</i> subsp. <i>variegata</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Euphorbia verrucosa</i>	E1	.	.	.	.	.	.	+	.	.
	<i>Campanula glomerata</i>	E1	.	.	.	.	.	.	.	+	.
	<i>Linum catharticum</i>	E1	.	.	.	.	.	.	.	.	.



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Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10
	<i>Allium carinatum</i> subsp. <i>pulchellum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Thlaspi praecox</i>	E1	.	.	.	+	.	.	.	.	.
	<i>Festuca rupicola</i>	E1	.	.	.	.	+	.	.	.	.
	<i>Anthyllis vulneraria</i>	E1	.	.	.	.	.	.	.	.	r
	<i>Hippocrepis comosa</i>	E1	.	.	.	.	.	.	.	.	r
	<i>Allium carinatum</i> subsp. <i>carinatum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Thesium linophyllum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Asperula cynanchica</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Cirsium x linkianum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Prunella grandiflora</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Helianthemum ovatum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Linum viscosum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Gentianella ciliata</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Genista tinctoria</i>	E1	.	.	.	.	.	.	.	.	.
ES	<b><i>Elyno-Seslerietea</i></b>										
	<i>Sesleria caerulea</i> subsp. <i>calcaria</i>	E1	2	2	3	1	2	3	2	2	1 2
	<i>Carex mucronata</i>	E1	.	+	.	+	+	.	+	.	+
	<i>Carduus crassifolius</i>	E1	.	+	1	+	+	+	+	.	.
	<i>Globularia cordifolia</i>	E1	.	.	.	+	r	.	+	.	1
	<i>Aster bellidiastrum</i>	E1	.	.	.	.	.	+	.	.	+
	<i>Hieracium villosum</i>	E1	.	.	.	.	.	.	+	.	+
SCF	<i>Tofieldia calyculata</i>	E1	.	.	.	.	.	.	+	.	.
	<i>Leucanthemum maximum</i> agg.	E1	.	.	.	.	.	.	.	.	.
	<i>Pimpinella alpina</i>	E1	.	.	.	.	.	.	.	.	.
SCF	<i>Parnassia palustris</i>	E1	.	.	.	.	.	.	r	.	.
	<i>Hieracium pilosum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Festuca calva</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Carex firma</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Centaurea haynaldi</i> subsp. <i>julica</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Gentiana lutea</i> subsp. <i>symphyandra</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Thesium alpinum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Scabiosa lucida</i> subsp. <i>stricta</i>	E1	.	.	.	.	.	.	.	.	.
Ea	<b><i>Epilobietea angustifolii</i></b>										
	<i>Eupatorium cannabinum</i>	E1	.	.	.	.	.	.	.	.	.
MuA	<b><i>Mulgedio-Aconitetea</i></b>										
	<i>Centaurea montana</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Aconitum angustifolium</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Veratrum album</i> s. lat.	E1	.	.	.	.	.	.	.	.	.
MA	<b><i>Molinio-Arrhenatheretea</i></b>										
	<i>Lotus corniculatus</i> s. lat.	E1	.	.	1	.	.	.	.	+	.
	<i>Festuca rubra</i> agg.	E1	.	.	.	.	+	+	.	.	.
	<i>Taraxacum officinale</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Veronica chamaedrys</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Leucanthemum ircutianum</i>	E1	.	.	.	.	.	.	.	.	.
TR	<b><i>Thlaspietea rotundifolii</i></b>										
	<i>Hieracium bifidum</i>	E1	.	.	+	.	.	.	+	+	.
	<i>Gymnocarpium robertianum</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Biscutella laevigata</i>	E1	.	.	.	.	.	+	+	.	.
	<i>Adenostyles glabra</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Astrantia carniolica</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Petasites paradoxus</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Aquilegia einseleana</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Campanula cochlearifolia</i>	E1	.	.	.	.	.	.	.	.	.



Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10
	<i>Gypsophila repens</i>	E1	.	.	.	.	.	.	.	.	.
AT	<b><i>Asplenietea trichomanis</i></b>										
	<i>Asplenium ruta-muraria</i>	E1	+	+	.	+	+	+	+	+	+
	<i>Asplenium trichomanes</i>	E1	.	+	.	.	+	+	.	+	.
	<i>Athamanta turbith</i>	E1	.	1	+	+	+	r	+	+	.
	<i>Valeriana saxatilis</i>	E1	.	.	.	.	.	r	+	.	+
	<i>Kerneria saxatilis</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Hieracium glaucum</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Micromeria thymifolia</i>	E1	.	.	.	.	+	.	.	.	+
	<i>Erysimum sylvestre</i>	E1	+	.	.	.	.	.	.	.	.
	<i>Seseli gouanii</i>	E1	.	.	.	.	r	.	.	.	.
	<i>Primula x venusta</i>	E1	.	.	.	.	.	.	.	.	r
	<i>Dianthus sylvestris</i>	E1	.	.	.	.	.	.	+	.	.
	<i>Rhamnus pumilus</i>	E1	.	.	.	.	.	.	.	.	+
	<i>Moehringia muscosa</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Cardaminopsis arenosa</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Polypodium vulgare</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Saxifraga crustata</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Sedum album</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Carex brachystachys</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Paederota bonarota</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Campanula spicata</i>	E1	.	.	.	.	.	.	.	.	.
	<i>Iris pallida</i> subsp. <i>cengialti</i>	E1	.	.	.	.	.	.	.	.	.
O	<b>Other species (Druge vrste)</b>										
	<i>Juniperus communis</i>	E2	.	.	.	.	.	.	.	.	.
	<i>Juglans regia</i>	E2	.	.	.	.	.	.	.	.	.
	<i>Viola</i> sp.	E1	.	.	.	.	.	.	+	.	.
ML	<b>Mosses and lichens (Mahovi in lišaji)</b>										
	<i>Neckera crispa</i>	E0	.	+	+	+	1	+	+	+	1
	<i>Ctenidium molluscum</i>	E0	.	+	+	+	+	+	+	+	1
	<i>Tortella tortuosa</i>	E0	+	+	.	+	+	+	+	+	+
	<i>Schistidium apocarpum</i>	E0	+	+	+	.	+	.	+	.	+
	<i>Fissidens dubius</i>	E0	.	.	.	.	.	.	+	+	+
	<i>Homalothecium sericeum</i>	E0	.	+	.	.	.	.	+	+	.
	<i>Hypnum cupressiforme</i>	E0	.	.	.	.	.	.	.	+	.
	<i>Scleropodium purum</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Homalothecium lutescens</i>	E0	.	.	.	+	.	.	.	.	.
	<i>Homalothecium philippeanum</i>	E0	.	.	.	.	.	.	.	.	1
	<i>Porella platyphylla</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Rhytidium rugosum</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Conocephalum conicum</i>	E0	.	.	.	.	.	.	.	+	.
	<i>Orthothecium rufescens</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Grimmia pulvinata</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Encalypta streptocarpa</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Rhytidiadelphus triquetrus</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Isothecium alopecuroides</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Atrichum undulatum</i>	E0	.	.	.	.	.	.	.	.	.
	<i>Dicranum scoparium</i>	E0	.	.	.	.	.	.	.	.	.

Legend – Legenda

A Limestone – apneenc  
D Dolomite – dolomit  
R Chert – roženec

Re Rendzina – rendzina  
Li Lythosols – kamnišče



**Table 4 (Tabela 4):** *Rhododendro hirsuti-Ostryetum carpinifoliae* Franz ex Dakskobler ass. nov. hoc loco.

Number of relevé (Zaporedna številka popisa)	1	2	3	4	5	6	7	8	9	10	11	12	13
Database number of relevé (Delovna štev. popisa)	222896	246886	246887	246888	238006	240940	246900	237998	247022	246300	213761	222813	247173
Elevation in m (Nadmorska višina v m)	1060	490	440	550	285	670	640	260	290	410	1020	620	550
Aspect (Lega)	S	N	NE	NE	NW	NE	E	E	NE	N	NNW	NE	NE
Slope in degrees (Nagib v stopinjah)	35	40	35	45	45	40	30	45	45	40	35	45	50
Parent material (Matična podlaga)	D	D	D	D	D	D	Gr	D	D	D	DA	D	DR
Soil (Tla)	Re	Re	Re	Re	Re	Re	Re	Re	Re	Re	Re	Re	Re
Stoniness in % (Kamnitost v %)	20	5	10	10	10	50	70	0	5	5	40	40	70
Cover in % (Zastiranje v %):													
Upper tree layer (Zgornja drevesna plast)	E3b	70	70	70	80	80	90	60	40	70	40	70	70
Lower tree layer (Spodnja drevesna plast)	E3a	.	.	.	10	5	5	.	30	.	50	.	.
Shrub layer (Grmovna plast)	E2	20	40	60	60	20	40	50	70	50	30	30	50
Herb layer (Zeliščna plast)	E1	80	60	80	60	60	40	50	60	90	80	60	30
Moss layer (Mahovna plast)	E0	.	10	10	15	10	10	10	10	20	5	20	10
Maximum diameter of trees (Naj. prsni pr. drev.)	cm	15	20	20	25	30	20	30	20	25	20	30	25
Maximum height of tress (Največ. drev. višina)	m	8	8	7	10	17	16	17	15	14	10	16	12
Number of species (Število vrst)		57	42	42	50	50	60	38	78	45	50	51	65
Relevé area (Velikost popisne ploskve)	m <sup>2</sup>	200	100	100	200	200	200	200	100	100	200	200	200
Date of taking relevé (Datum popisa)		9/27/2000	7/14/1997	9/5/1996	9/19/1996	6/28/2010	4/12/2011	5/27/2004	7/27/2010	5/1/1993	6/17/2011	6/14/2004	6/6/1996
Locality (Nahajališče)		Dol po Meji - Muzci	Srpenica - Treska	Srpenica - Treska	Srpenica - Treska	Reka - Sv. Ivan	Skopica	Hotenja - Jelenk	Krtovše - Podkobilarski most	Gorenja Trebuša - Krtovše	Šebrelje - Kanačnk	Trenta - Maklenova peč nad Limarico	Učja - Žila
Quadrant (Kvadrant)		9645/4	9747/1	9747/1	9747/1	9849/4	9948/2	9949/1	9948/2	9948/2	9849/3	9548/3	9646/4
Coordinate GK Y (D-48)	m	370202	386227	386103	386332	416368	408524	412005	409606	409468	416004	402793	381715
Coordinate GK X (D-48)	m	5131466	5127359	5127420	5127317	5108411	5106395	5103880	5101506	5101558	5108120	5141782	5130823
<b>Diagnostic species of the asociation (Diagnostične vrset asociacije)</b>													
EP <i>Rhododendron hirsutum</i>	E2a	+	2	3	4	2	3	3	3	+	2	3	3
VP <i>Rosa pendulina</i>	E2a	+	1	1	+	.	1	.	+	1	.	+	+
BA <i>Salix appendiculata</i>	E3	.	.	.	.	.	.	.	+	.	.	.	.
BA <i>Salix appendiculata</i>	E2	+	.	.	+	.	.	.	+	+	1	+	+
FS <i>Fagus sylvatica</i>	E3	.	r	.	r	r	.	+	1	1	r	.	1
FS <i>Fagus sylvatica</i>	E2	.	r	.	+	+	+	+	+	+	.	.	+
FS <i>Fagus sylvatica</i>	E1	.	.	.	.	.	+	.	.	.	.	r	.
TR <i>Gymnocarpium robertianum</i>	E1	.	+	1	+	.	1	1	1	.	1	1	.
AT <i>Valeriana saxatilis</i>	E1	.	.	.	.	.	.	.	+	.	.	.	+





Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	
TR	<i>Adenostyles glabra</i>	E1	.	.	.	+	.	.	.	+	.	1	+	.	+
TA	<i>Acer pseudoplatanus</i>	E3	.	.	.	r	.	+	.	.	+	.	.	.	.
TA	<i>Acer pseudoplatanus</i>	E2b	.	.	.	.	+	.	.	+	+	.	.	.	.
TA	<i>Acer pseudoplatanus</i>	E1	.	.	.	.	.	+	+	.	.	1	.	.	.
ES	<i>Carex ferruginea</i>	E1	.	.	.	.	.	.	.	+	.	+	.	.	.
<b>Differential species of lower units (Razlikovalne vrste nižjih enot)</b>															
EP	<i>Molinia caerulea</i> subsp. <i>arundinacea</i>	E1	3	1	2	1	.	+	.	1	.	3	.	.	.
AF	<i>Hemerocallis lilioasphodelus</i>	E1	1	.	.	.	+	.	.	1	2	3	.	.	.
FS	<i>Mercurialis perennis</i>	E1	.	.	.	.	.	.	.	.	r	.	3	1	1
FS	<i>Laburnum alpinum</i>	E3	.	.	.	.	.	+	+	.	.	.	+	+	r
FS	<i>Laburnum alpinum</i>	E2	.	.	.	.	.	.	.	.	.	.	.	1	.
FS	<i>Laburnum alpinum</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.
VP	<i>Hieracium murorum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	+
SSC	<i>Sorbus aucuparia</i>	E3a	.	.	.	.	.	.	.	.	.	.	+	.	.
SSC	<i>Sorbus aucuparia</i>	E2a	.	.	.	.	.	.	.	.	.	.	+	.	.
SSC	<i>Sorbus aucuparia</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.
FS	<i>Lathyrus vernus</i> subsp. <i>vernus</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.
FS	<i>Lathyrus vernus</i> subsp. <i>flaccidus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
FS	<i>Salvia glutinosa</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	1
VP	<i>Homogyne sylvestris</i>	E1	.	.	.	.	.	.	.	+	+	.	1	1	.
FO	<b><i>Fraxino orni-Ostryion</i></b>														
	<i>Ostrya carpinifolia</i>	E3b	3	3	3	4	4	4	4	2	3	3	3	2	3
	<i>Ostrya carpinifolia</i>	E3a	.	.	.	1	.	.	.	.	.	.	.	.	.
	<i>Ostrya carpinifolia</i>	E2b	1	+	1	1	.	+	.	1	1	+	+	.	+
	<i>Ostrya carpinifolia</i>	E2a	.	.	.	.	.	.	.	.	.	+	+	.	.
	<i>Fraxinus ornus</i>	E3	2	2	2	1	1	2	.	1	1	.	.	2	2
	<i>Fraxinus ornus</i>	E2b	1	1	1	1	1	+	+	.	.	.	+	1	1
	<i>Fraxinus ornus</i>	E2a	1	.	.	1	.	.	.	1	.	.	+	1	1
	<i>Fraxinus ornus</i>	E1	.	.	.	.	.	.	+	.	.	.	+	.	.
	<i>Euonymus verrucosa</i>	E2	.	.	.	.	+	.	.	+	+	.	.	.	+
	<i>Primula veris</i> subsp. <i>columnae</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.
CO	<b><i>Carpinion orientalis</i></b>														
	<i>Mercurialis ovata</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.
	<i>Asparagus tenuifolius</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.
	<i>Sesleria autumnalis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
QP	<b><i>Quercetalia pubescenti-petraeae</i></b>														
	<i>Sorbus aria</i>	E3	.	+	1	1	.	+	r	+	+	1	.	1	.
	<i>Sorbus aria</i>	E2b	+	.	+	1	.	.	.	.	+	+	+	+	+
	<i>Sorbus aria</i>	E2a	+	.	.	+	.	.	.	.	.	.	1	+	.
	<i>Sorbus aria</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Convallaria majalis</i>	E1	1	1	1	+	.	.	.	.	.	.	.	.	.
	<i>Melittis melissophyllum</i>	E1	+	.	1	+	.	.	.	+	.	.	.	1	+
	<i>Carex flacca</i>	E1	+	.	.	.	.	+	.	.	.	+	.	.	.
	<i>Cornus mas</i>	E2	.	.	.	.	+	.	.	+	+	.	.	.	.
	<i>Hypericum montanum</i>	E1	+	.	.	.	.	+	.	.	.	.	.	.	.
	<i>Sorbus austriaca</i> s. lat.	E3	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Sorbus austriaca</i> s. lat.	E2	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Epipactis muelleri</i>	E1	.	.	.	r	.	.	.	.	.	.	.	.	.
	<i>Cotinus coggygria</i>	E2	.	.	.	.	3	.	.	.	.	.	.	.	.
	<i>Arabis turrata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
QR	<b><i>Quercetalia roboris</i></b>														
	<i>Pteridium aquilinum</i>	E1	.	.	.	.	.	.	+	+	.	.	.	+	.
	<i>Potentilla erecta</i>	E1	+	+	.	.	.	.	.	+	.	+	.	.	.
	<i>Serratula tinctoria</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Frangula alnus</i>	E2	.	1	1	.	.	.	.	+	.	.	.	.	.

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	Pr.	Fr.	
+	.	1	1	2	.	.	.	+	.	.	+	.	1	.	.	.	.	+	+	1	3	16	46	
.	.	1	1	+	1	1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	+	9	26
.	.	.	1	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	10	32
+	.	.	+	.	+	+	.	+	+	.	.	.	.	.	.	.	+	r	.	+	+	13	37	
.	.	+	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7	20
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1	1	1	1	2	+	+	1	.	+	.	.	.	+	+	+	+	+	+	.	1	1	21	60	
+	+	+	+	+	+	+	2	1	+	.	+	.	+	.	.	.	r	.	.	.	r	19	54	
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.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	r	+	1	.	.	+	.	7	20	
+	+	.	+	.	+	+	.	+	+	.	.	r	.	+	+	.	+	+	1	+	.	16	46	
.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	r	.	.	3	9	
+	.	+	.	.	+	+	+	.	+	r	.	.	+	.	.	.	.	.	+	.	.	10	29	
.	.	+	.	+	.	.	.	.	.	.	.	r	.	r	.	.	.	.	+	+	+	8	23	
+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	+	1	8	23
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1	+	1	1	1	1	1	.	.	.	.	.	.	.	.	r	.	.	.	1	.	.	13	37	
3	3	3	3	3	4	4	2	4	3	4	4	3	3	4	5	3	4	3	3	4	4	35	100	
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+	1	1	+	+	+	+	+	.	1	1	.	2	+	.	+	.	+	+	+	+	+	28	80	
.	+	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	+	.	.	.	6	17	
1	1	1	+	2	.	+	.	.	1	1	+	1	+	+	+	+	+	.	.	1	.	26	74	
1	1	+	+	1	1	1	.	+	.	+	r	1	.	.	.	+	.	.	.	.	+	23	66	
+	.	.	+	.	+	.	.	1	+	+	.	.	.	+	.	1	.	.	.	.	+	15	43	
.	+	.	.	.	.	+	.	+	+	.	.	.	.	+	r	.	.	+	+	+	.	11	31	
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Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	
	<i>Quercus petraea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	
	<i>Betula pendula</i>	E3	.	.	.	.	.	.	.	.	.	.	.	.	
	<i>Rubus hirtus</i>	E2a	.	.	.	.	.	.	.	+	.	.	.	.	
	<i>Populus tremula</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	+	
	<i>Populus tremula</i>	E3b	.	.	.	.	.	.	.	.	.	.	.	r	
	<i>Populus tremula</i>	E2b	.	.	.	.	.	.	.	.	.	.	.	.	
	<i>Quercus robur</i>	E2b	.	.	.	.	+	.	.	.	.	.	.	.	
	<i>Betonica officinalis</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	
TA	<b>Tilio-Acerion</b>														
	<i>Polystichum aculeatum</i>	E1	.	.	.	.	.	+	+	.	.	.	+	.	
	<i>Aruncus dioicus</i>	E1	.	.	.	.	.	.	.	+	.	r	.	+	
	<i>Euonymus latifolia</i>	E2	.	.	.	.	.	.	+	.	.	.	.	.	
	<i>Acer platanoides</i>	E1	.	.	.	.	.	r	.	.	.	.	.	.	
	<i>Ulmus glabra</i>	E3a	.	.	.	.	.	.	+	.	.	.	.	.	
	<i>Ulmus glabra</i>	E2b	.	.	.	.	.	.	+	.	.	.	.	.	
	<i>Polystichum setiferum</i>	E1	.	.	.	.	.	.	.	.	r	.	.	.	
	<i>Thalictrum aquilegifolium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	
AF	<b>Aremonio-Fagion</b>														
	<i>Cyclamen purpurascens</i>	E1	1	1	+	1	1	1	+	+	1	+	1	1	+
	<i>Anemone trifolia</i>	E1	+	1	+	1	1	.	1	.	1	.	1	1	+
	<i>Omphalodes verna</i>	E1	.	.	.	.	1	.	.	1	1	1	.	.	+
	<i>Cardamine enneaphyllos</i>	E1	.	.	.	.	.	+	2	1	.	.	.	+	+
	<i>Euphorbia carniolica</i>	E1	.	.	.	.	.	.	+	+	+	+	.	+	+
	<i>Knautia drymeia</i>	E1	+	.	.	.	.	+	.	.	.	.	.	.	.
	<i>Helleborus niger</i>	E1	.	1	1	.	.	.	.	+	.	.	.	.	.
	<i>Rhamnus fallax</i>	E2	.	.	.	.	.	.	+	+	.	+	.	.	.
	<i>Primula vulgaris</i>	E1	+	.	.	.	.	.	+	.	.	.	.	1	+
	<i>Cardamine trifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Potentilla carniolica</i>	E1	.	.	.	.	.	1	.	.	.	.	+	.	.
	<i>Daphne blagayana</i>	E1	.	.	.	.	.	1	.	1	.	.	.	.	.
	<i>Scopolia carniolica</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.
FS	<b>Fagetalia sylvaticae</b>														
	<i>Galium laevigatum</i>	E1	.	1	+	1	+	+	+	1	.	+	.	+	+
	<i>Daphne mezereum</i>	E2a	.	.	.	.	.	+	+	+	+	+	+	.	+
	<i>Melica nutans</i>	E1	+	+	+	+	+	+	.	.	.	+	1	.	+
	<i>Lonicera alpigena</i>	E2	.	.	.	.	.	.	+	+	.	.	.	.	.
	<i>Epipactis helleborine</i>	E1	+	+	+	+	.	.	.	.	.	.	.	.	.
	<i>Mycelis muralis</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.
	<i>Galeobdolon flavidum</i>	E1	.	.	.	.	1	.	1	.	.	.	.	.	.
	<i>Prenanthes purpurea</i>	E1	.	.	.	.	.	.	+	.	.	+	.	.	.
	<i>Viola reichenbachiana</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	+
	<i>Neottia nidus-avis</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.
	<i>Symphytum tuberosum</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.
	<i>Euphorbia amygdaloides</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.
	<i>Asarum europaeum</i> subsp. <i>caucasicum</i>	E1	.	.	.	.	.	.	.	1	.	.	.	.	.
	<i>Phyteuma spicatum</i> subsp. <i>coeruleum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Brachypodium sylvaticum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Lilium martagon</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Luzula nivea</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.
	<i>Pulmonaria officinalis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	r
	<i>Paris quadrifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Polygonatum multiflorum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Heracleum sphondylium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Tilia cordata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Actaea spicata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	Pr.	Fr.	
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Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13
	<i>Dryopteris filix-mas</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
QF	<b>Quercu-Fagetea</b>													
	<i>Carex digitata</i>	E1	+	.	.	+	.	+	1	+	+	+	+	+
	<i>Hepatica nobilis</i>	E1	+	.	.	.	.	+	+	.	.	.	+	1
	<i>Corylus avellana</i>	E2	+	.	+	.	+	.	+	.	.	.	+	+
	<i>Spiraea chamaedryfolia</i>	E2a	.	.	.	.	1	+	+	3	1	.	.	.
	<i>Veratrum nigrum</i>	E1	.	.	.	.	1	+	.	+	.	1	.	.
	<i>Lonicera xylosteum</i>	E2	.	.	.	.	+	.	.	.	.	.	r	.
	<i>Viscum album</i> subsp. <i>album</i>	E3a	.	.	.	.	.	.	.	.	.	.	.	+
	<i>Cephalanthera longifolia</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Vinca minor</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.
	<i>Rosa arvensis</i>	E2a	.	.	.	.	.	.	.	+	.	.	.	.
	<i>Ilex aquifolium</i>	E2b	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Platanthera bifolia</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.
	<i>Viola mirabilis</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.
	<i>Carex umbrosa</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.
	<i>Aegopodium podagraria</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+
	<i>Clematis vitalba</i>	E2	.	.	.	.	.	.	.	.	.	.	.	+
	<i>Hedera helix</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Festuca heterophylla</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
EP	<b>Erico-Pinetea</b>													
	<i>Calamagrostis varia</i>	E1	+	2	.	1	.	1	.	1	+	1	+	1
	<i>Erica carnea</i>	E1	+	2	1	2	+	+	.	3	3	1	2	+
	<i>Cirsium erisithales</i>	E1	1	+	+	1	.	1	.	+	+	1	+	+
	<i>Carex alba</i>	E1	+	.	1	.	2	1	2	.	+	+	2	1
	<i>Polygala chamaebuxus</i>	E1	1	1	1	+	+	.	.	1	.	.	.	+
	<i>Rubus saxatilis</i>	E1	+	1	1	+	+	+	.	1	+	.	1	+
	<i>Bupthalmum salicifolium</i>	E1	+	.	+	+	+	.	.	+	.	+	+	1
	<i>Amelanchier ovalis</i>	E2	+	1	1	+	.	.	.	.	.	.	1	.
	<i>Carex ornithopoda</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Peucedanum austriacum</i> s. lat.	E1	+	.	.	.	.	.	.	1	+	.	.	+
	<i>Aquilegia nigricans</i>	E1	.	.	.	.	+	1	.	+	.	.	.	.
	<i>Rhodothamnus chamaecistus</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.
	<i>Asperula aristata</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.
	<i>Chamaecytisus hirsutus</i>	E1	.	.	.	.	+	.	.	+	.	.	.	.
	<i>Pinus sylvestris</i>	E3b	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Pinus sylvestris</i>	E2b	.	.	.	.	.	.	.	+	.	.	.	.
	<i>Cotoneaster tomentosus</i>	E2	.	+	.	.	.	.	.	.	.	.	+	.
	<i>Pinus nigra</i>	E3b	.	+	r	r	.	.	.	.	.	.	.	.
	<i>Pinus nigra</i>	E2b	+	.	+	+	.	.	.	.	.	.	.	.
	<i>Epipactis atrorubens</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+
	<i>Genista radiata</i>	E2a	+	.	.	.	.	.	.	+	.	.	.	.
	<i>Rhamnus saxatilis</i>	E2a	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Chamaecytisus purpureus</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.
	<i>Galium purpureum</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.
	<i>Aster amellus</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.
	<i>Pinus mugo</i>	E2b	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Gymnadenia odoratissima</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
VP	<b>Vaccinio-Piceetea</b>													
	<i>Valeriana tripteris</i>	E1	.	.	.	+	.	.	.	1	1	.	.	1
	<i>Solidago virgaurea</i>	E1	+	.	.	+	.	+	.	.	.	.	.	1
	<i>Picea abies</i>	E3	.	r	.	r	.	.	.	+	1	r	2	.
	<i>Picea abies</i>	E2b	.	.	.	.	.	.	.	.	.	.	+	r
	<i>Picea abies</i>	E2a	.	.	.	.	.	.	.	.	.	+	+	.
	<i>Picea abies</i>	E1	.	+	.	.	.	.	.	.	.	.	+	+



Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13
	<i>Gentiana asclepiadea</i>	E1	.	.	.	.	.	.	.	.	1	.	+	.
	<i>Veronica urticifolia</i>	E1	.	.	.	.	.	.	+	.	.	.	+	+
	<i>Larix decidua</i>	E3	.	.	.	.	.	.	.	.	.	2	.	.
	<i>Larix decidua</i>	E2b	.	.	.	.	.	.	.	.	.	+	.	.
	<i>Clematis alpina</i>	E2a	.	.	.	.	.	.	.	.	.	+	.	.
	<i>Laserpitium krapfii</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Aposeris foetida</i>	E1	+	.	.	.	.	+	.	.	+	.	.	.
	<i>Abies alba</i>	E3	.	.	.	.	.	.	.	r	.	.	.	.
	<i>Abies alba</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Maianthemum bifolium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Oxalis acetosella</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Polystichum x illyricum</i>	E1	.	.	.	.	r	.	.	.	.	.	.	.
	<i>Polystichum lonchitis</i>	E1	.	.	.	.	.	.	.	.	r	.	.	.
	<i>Gymnocarpium dryopteris</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.
	<i>Vaccinium myrtillus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Calamagrostis arundinacea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Dryopteris dilatata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Lonicera nigra</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
RP	<b>Rhamno-Prunetea</b>													
	<i>Berberis vulgaris</i>	E2b	.	+	.	.	.	.	+	.	+	.	.	.
	<i>Berberis vulgaris</i>	E2a	.	.	1	.	+	.	.	.	.	.	.	.
	<i>Berberis vulgaris</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.
	<i>Rhamnus catharticus</i>	E3a	.	.	.	.	+	.	+	.	.	.	.	.
	<i>Rhamnus catharticus</i>	E2b	.	.	.	.	.	.	+	.	.	.	.	.
	<i>Viburnum lantana</i>	E2	.	.	.	.	.	.	+	+	.	.	.	.
	<i>Rosa canina</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Viburnum opulus</i>	E2a	.	.	.	.	.	.	+	.	.	.	.	.
	<i>Euonymus europaea</i>	E2a	.	.	.	.	.	.	+	.	.	.	.	.
	<i>Crataegus monogyna</i>	E3a	.	.	.	.	.	.	.	+	.	.	.	.
TG	<b>Trifolio-Geranietea</b>													
	<i>Vincetoxicum hirundinaria</i>	E1	+	+	+	.	1	+	.	+	.	.	.	1
	<i>Anthericum ramosum</i>	E1	.	+	+	+	.	+	.	+	.	.	.	.
	<i>Laserpitium latifolium</i>	E1	+	.	.	.	.	.	.	.	+	.	+	+
	<i>Laserpitium siler</i>	E1	1	.	.	.	.	.	.	.	.	.	.	.
	<i>Campanula rapunculoides</i>	E1	.	.	.	.	.	+	.	.	.	.	.	+
	<i>Grafia golaka</i>	E1	+	.	.	.	.	+	.	.	.	.	.	.
	<i>Achillea distans</i>	E1	+	.	.	.	.	r	.	.	.	.	.	.
	<i>Clinopodium vulgare</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Origanum vulgare</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Polygonatum odoratum</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Verbascum lanatum</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Lilium carniolicum</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.
	<i>Salvia pratensis</i> subsp. <i>saccardiana</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.
	<i>Thesium bavarum</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.
	<i>Digitalis grandiflora</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+
	<i>Viola hirta</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
FB	<b>Festuco-Brometea</b>													
	<i>Carex humilis</i>	E1	1	.	.	.	+	+	.	.	.	+	+	+
	<i>Peucedanum oreoselinum</i>	E1	+	+	+	.	.	.	.	.	.	.	.	.
	<i>Galium lucidum</i>	E1	+	.	.	.	+	.	.	.	.	.	.	.
	<i>Brachypodium rupestre</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Bromus erectus</i> agg.	E1	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Teucrium chamaedrys</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Linum catharticum</i>	E1	.	r	.	.	.	.	.	.	.	.	.	.
	<i>Stachys recta</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.





Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13
	<i>Carlina acaulis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Centaurea bracteata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Thymus praecox</i> s. lat.	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Dianthus hyssopifolius</i> ( <i>D. monspessulanus</i> )	E1	.	.	.	.	.	.	.	.	.	.	.	.
ES	<b>Elyno-Seslerietea</b>													
	<i>Sesleria caerulea</i> subsp. <i>calcaria</i>	E1	+	2	1	1	1	.	.	+	.	+	1	1
	<i>Betonica alopecurus</i>	E1	+	.	.	.	+	1	.	+	.	.	1	.
	<i>Phyteuma orbiculare</i>	E1	+	+	+	+	+	1	.	.	.	+	+	+
	<i>Laserpitium peucedanoides</i>	E1	+	.	.	.	.	.	.	+	.	r	+	.
	<i>Aster bellidiastrum</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.
	<i>Carex mucronata</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.
	<i>Pimpinella alpina</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Campanula thyrsoides</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.
	<i>Carduus crassifolius</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.
SCF	<i>Pinguicula alpina</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.
SCF	<i>Tofieldia calyculata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Globularia cordifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
EA	<b>Epilobietea angustifolii</b>													
	<i>Eupatorium cannabinum</i>	E1	.	.	.	.	.	.	.	+	.	1	.	.
	<i>Rubus idaeus</i>	E2a	.	.	.	r	.	+	.	.	.	.	.	.
BA	<b>Betulo-Alnetea viridis</b>													
	<i>Salix glabra</i>	E2a	.	1	+	.	.	.	.	.	.	.	+	.
MuA	<b>Mulgedio-Aconitetea</b>													
	<i>Senecio ovatus</i>	E1	.	.	.	.	+	+	.	+	.	+	.	.
	<i>Aconitum angustifolium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Centaurea montana</i>	E1	.	.	.	.	+	+	.	.	1	.	.	.
	<i>Veratrum album</i> s. lat.	E1	.	.	.	.	.	.	.	.	.	+	.	.
	<i>Athyrium filix-femina</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.
	<i>Aconitum degenii</i> subsp. <i>paniculatum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
MA	<b>Molinio-Arrhenatheretea</b>													
	<i>Galium mollugo</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.
	<i>Lotus corniculatus</i> s. lat.	E1	.	.	.	.	.	.	.	.	.	.	.	.
TR	<b>Thlaspietea rotundifolii</b>													
	<i>Campanula cespitosa</i>	E1	.	.	+	+	.	.	.	.	.	.	.	+
	<i>Astrantia carniolica</i>	E1	.	.	.	.	.	.	.	+	.	+	.	.
	<i>Hieracium bifidum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Aquilegia einseleana</i>	E1	.	+	+	.	.	.	.	.	.	.	.	.
	<i>Petasites paradoxus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Hieracium porrifolium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
AT	<b>Asplenetea trichomanis</b>													
	<i>Asplenium ruta-muraria</i>	E1	.	.	+	+	+	.	.	.	.	.	.	+
	<i>Asplenium viride</i>	E1	.	.	.	.	.	.	.	+	.	+	.	+
	<i>Phyteuma scheuchzeri</i> subsp. <i>columnae</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.
	<i>Saxifraga crustata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Asplenium trichomanes</i>	E1	.	.	.	+	.	+	.	.	.	.	+	+
	<i>Paederota lutea</i>	E1	.	.	.	.	.	+	.	+	.	.	.	.
	<i>Campanula carnica</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.
	<i>Carex brachystachys</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+
	<i>Athamanta turbith</i>	E1	.	.	.	.	.	.	r	.	.	.	.	.
	<i>Primula auricula</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Kernera saxatilis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Moehringia muscosa</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Primula carniolica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Rhamnus pumilus</i>	E1	.	r	.	.	.	.	.	.	.	.	.	.
	<i>Hieracium pospichalii</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.



Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Polypodium vulgare</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.
<i>Micromeria thymifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Daphne alpina</i>	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Silene hayekiana</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>O Other species (Druge vrste)</b>														
<i>Juniperus communis</i>	E2	.	+	.	.	.	.	.	+	.	.	.	.	r
<i>Juglans regia</i>	E2	.	.	.	.	+	.	.	.	.	.	.	.	.
<i>Tussilago farfara</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	r
<i>Selaginella helvetica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>ML Mosses and lichens (Mahovi in lišaji)</b>														
<i>Ctenidium molluscum</i>	E0	.	.	.	.	+	+	2	+	.	+	2	+	1
<i>Neckera crispa</i>	E0	.	+	.	1	+	.	1	+	+	.	1	2	1
<i>Fissidens dubius</i>	E0	.	.	.	+	.	+	+	.	.	+	1	+	+
<i>Tortella tortuosa</i>	E0	.	.	.	.	.	+	.	.	+	.	+	.	+
<i>Rhytiadelphus triquetrus</i>	E0	.	+	+	.	+	.	.	.	1	.	.	.	.
<i>Hylocomium splendens</i>	E0	.	.	+	+	.	.	.	+	+	.	+	.	.
<i>Polytrichum formosum</i>	E0	.	.	.	+	.	+	.	.	.	.	.	.	.
<i>Scleropodium purum</i>	E0	.	1	+	+	.	.	.	.	.	+	.	.	.
<i>Eurhynchium striatum</i>	E0	.	.	.	.	+	.	.	+	.	.	.	.	.
<i>Plagiochila porelloides</i>	E0	.	.	.	.	.	.	.	.	+	.	.	.	.
<i>Thuidium tamariscinum</i>	E0	.	.	+	1	.	.	.	.	2	.	.	.	.
<i>Homalothecium philippeanum</i>	E0	.	.	.	.	.	.	.	.	.	.	+	.	.
<i>Hypnum cupressiforme</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Schistidium apocarpum</i>	E0	.	.	.	.	.	+	.	.	.	.	1	.	.
<i>Metzgeria furcata</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Plagiomnium undulatum</i>	E0	.	.	.	.	.	.	.	+	.	+	.	.	.
<i>Conocephalum conicum</i>	E0	.	.	.	.	.	.	.	.	.	+	.	.	+
<i>Orthothecium rufescens</i>	E0	.	.	.	+	.	.	.	.	.	.	.	.	+
<i>Cladonia</i> sp.	E0	.	.	.	.	.	.	.	.	.	.	+	.	.
<i>Rhytiadelphus loreus</i>	E0	.	.	+	+	.	.	.	.	.	.	.	.	.
<i>Encalypta streptocarpa</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	+
<i>Homalothecium lutescens</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Solorina saccata</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Plagiothecium denticulatum</i>	E0	.	.	.	+	.	.	.	.	.	.	.	.	.
<i>Marchantia polymorpha</i>	E0	.	.	.	.	.	+	.	.	.	.	.	.	.
<i>Cladonia pyxidata</i>	E0	.	.	.	.	.	.	+	.	.	.	.	.	.
<i>Thuidium delicatulum</i>	E0	.	.	.	.	.	.	.	+	.	.	.	.	.
<i>Thuidium abietinum</i>	E0	.	.	.	.	.	.	.	.	+	.	.	.	.
<i>Bryum capillare</i>	E0	.	.	.	.	.	.	.	.	.	.	+	.	.
<i>Peltigera leucophlebia</i>	E0	.	.	.	.	.	.	.	.	.	.	.	+	.
<i>Atrichum undulatum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Bartramia halleriana</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Mnium thomsonii</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Mnium marginatum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Isothecium alopecuroides</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Plagiopus oederi</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Peltigera canina</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Dicranum scoparium</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	.

Legend – Legenda  
 A Limestone – apneenc  
 D Dolomite – dolomit  
 R Chert – roženc

G Claystone – glinavec  
 Re Rendzina – rendzina  
 Li Lythosols – kamnišče  
 Co Colluvial soil – koluvijska tla



**Table 5:** Synoptic table of the associations *Fraxino orni-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Erico-Ostryetum* and *Quercu-Ostryetum*.

**Tabela 5:** Sintezna tabela asociacij *Fraxino orni-Ostryetum*, *Cytisantho-Ostryetum*, *Rhododendro hirsuti-Ostryetum*, *Erico-Ostryetum* in *Quercu-Ostryetum*.

Successive number (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Number of relevés (Število popisov)	12	136	50	39	35	19	23	32	15	11	3	9	11	26	
Sign for syntaxa (Oznaka sintaksonov)	EOpC	EOly	EOsg	EOrh	RO	OFO1	OFO2	OFO3	OFO-It	CyO-SI	CyO-Hr	EO-HR	QO-HR	QO-SI	
<b>Differential species of the association <i>Fraxino orni-Ostryetum</i> s. lat.</b>															
TR <i>Campanula cespitosa</i>	E1	67	27	80	54	23	11	17	31	27	27	.	.	.	.
AT <i>Primula auricula</i>	E1	67	5	4	5	9	16	35	34	.	18	.	.	.	.
TR <i>Hieracium porrifolium</i>	E1	42	8	58	10	3	11	26	13	7	9	.	.	.	.
EP <i>Asperula aristata</i>	E1	33	8	42	15	14	21	13	38	33	54	.	.	.	15
EP <i>Allium ericetorum</i>	E1	25	1	12	3	.	5	4	44	13	.	33	.	.	.
AT <i>Paederota lutea</i>	E1	25	1	34	33	17	.	4	50	.	.	.	.	.	.
ES <i>Betonica alopecuroides</i>	E1	17	13	28	23	34	47	43	88	20	91	.	.	.	.
AF <i>Rhamnus fallax</i>	E2	8	4	26	51	17	26	22	3	.	18	.	.	.	.
VP <i>Picea abies</i>	E3	.	11	.	18	40	.	9	9	33	.	.	.	.	.
VP <i>Picea abies</i>	E2	8	24	46	56	63	21	30	31	20	.	.	10	.	.
AF <i>Anemone trifolia</i>	E1	.	15	8	21	49	26	39	13	60	45	.	.	.	12
VP <i>Valeriana tripteris</i>	E1	.	4	24	51	51	.	35	13	13	.	.	.	.	.
BA <i>Salix glabra</i>	E2a	.	2	48	28	29	.	.	13	33	4	.	.	.	.
VP <i>Rosa pendulina</i>	E2a	.	.	.	.	83	11	22	19	.	.	.	.	.	.
BA <i>Salix appendiculata</i>	E2	.	.	.	.	74	.	13	28	20	.	.	.	.	.
FS <i>Laburnum alpinum</i>	E3	.	.	.	.	54	26	26	13	.	.	.	.	.	.
FS <i>Laburnum alpinum</i>	E2	.	.	.	.	29	16	43	19	.	4	.	.	.	.
FS <i>Laburnum alpinum</i>	E1	.	.	.	.	20	5	22	16	.	.	.	.	.	.
ES <i>Phyteuma orbiculare</i>	E1	.	.	.	.	31	21	39	34	7	4	.	.	.	.
AT <i>Campanula carnica</i>	E1	.	.	.	.	11	47	74	6	.	.	.	.	.	.
EP <i>Galium purpureum</i>	E1	.	.	.	.	3	32	22	27	60	91	.	.	.	.
<b>Differential species of the association <i>Quercu-Ostryetum</i> s. lat.</b>															
EP <i>Genista januensis</i>	E1	.	.	.	.	.	.	.	16	.	.	100	50	54	65
FB <i>Asperula cynanchica</i>	E1	.	.	.	.	.	.	.	3	.	.	100	50	27	35
TG <i>Veronica jacquinii</i>	E1	.	.	.	.	.	.	.	.	.	.	100	30	54	.
EC <i>Helleborus atrorubens</i>	E1	.	.	.	.	.	.	.	.	.	.	33	.	18	.
FB <i>Dianthus giganteus</i> subsp. <i>croaticus</i>	E1	.	.	.	.	.	.	.	.	.	.	33	.	18	.
EP <i>Daphne cneorum</i>	E1	.	.	.	.	.	.	.	.	.	.	33	10	.	15
QP <i>Acer obtusatum</i>	E3	.	.	.	.	.	.	.	.	.	.	.	70	19	.
QP <i>Acer obtusatum</i>	E2	.	.	.	.	.	.	.	.	.	.	.	50	36	.
EC <i>Erythronium dens-canis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	30	.	.
QP <i>Quercus cerris</i>	E3	.	.	.	.	.	.	.	.	.	.	.	10	45	46
QP <i>Quercus cerris</i>	E2	.	.	.	.	.	.	.	.	.	.	.	10	45	46
QP <i>Sorbus torminalis</i>	E3	.	.	.	.	.	.	.	.	.	.	.	.	27	4
QP <i>Sorbus torminalis</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	91	38
TG <i>Silene nemoralis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	64	.
EC <i>Lonicera caprifolium</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	54	35
TG <i>Melampyrum nemorosum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	54	35
FO <b><i>Fraxino orni-Ostryion</i></b>															
<i>Ostrya carpinifolia</i>	E3	100	98	96	100	100	100	100	100	100	100	67	100	64	62
<i>Ostrya carpinifolia</i>	E2	33	8	48	26	83	63	56	88	47	45	67	50	73	96
<i>Fraxinus ornus</i>	E3	8	67	42	54	74	79	96	91	73	100	100	100	45	46

Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Fraxinus ornus</i>	E2	50	58	66	67	86	100	100	94	73	45	100	50	100	100
<i>Euonymus verrucosa</i>	E2	.	.	.	.	17	32	78	19	.	18	.	.	9	15
<i>Primula veris</i> subsp. <i>columnnae</i>	E1	.	.	.	.	3	26	39	3	.	.	.	.	.	.
<i>Primula x ternovania</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Peucedanum schottii</i>	E1	.	.	.	.	.	26	22	.	.	36	.	.	.	.
<b>CO</b> <i>Carpinion orientalis</i>															
<i>Mercurialis ovata</i>	E1	.	.	.	.	9	5	4	72	20	.	100	30	45	96
<i>Asparagus tenuifolius</i>	E1	.	.	.	.	3	16	4	16	.	.	.	.	.	15
<i>Sesleria autumnalis</i>	E1	.	.	.	.	3	16	4	.	.	.	.	.	.	.
<i>Ruscus aculeatus</i>	E2a	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Knautia drymeia</i> subsp. <i>tergestina</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Frangula rupestris</i>	E2	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Coronilla emeroides</i>	E2a	.	.	.	.	.	.	4	.	40	.	.	.	.	.
<i>Mercurialis x paxii</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Aristolochia lutea</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	27	4
<i>Helleborus multifidus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	30	.	.
<i>Acer monspessulanum</i>	E2	.	.	.	.	.	.	.	.	.	.	.	10	.	.
<b>QP</b> <i>Quercetalia pubescenti-petraeae</i>															
<i>Sorbus aria</i>	E3b	17	32	14	67	74	63	78	66	40	64	.	50	9	35
<i>Sorbus aria</i>	E2b	.	34	16	49	74	84	87	88	47	45	33	30	64	92
<i>Melittis melissophyllum</i>	E1	.	17	2	.	20	68	74	47	13	82	33	90	100	100
<i>Convallaria majalis</i>	E1	.	10	8	21	23	32	30	44	.	19	.	.	54	31
<i>Campanula persicifolia</i>	E1	.	7	.	.	.	26	4	.	7	.	.	30	64	42
<i>Clematis recta</i>	E1	.	7	.	.	.	5	13	9	47	27	67	50	45	46
<i>Quercus pubescens</i>	E3b	.	5	.	.	.	11	4	9	53	.	67	30	73	73
<i>Quercus pubescens</i>	E2a	.	4	.	.	.	5	.	3	40	.	.	30	91	96
<i>Lathyrus niger</i>	E1	.	2	.	.	.	.	.	.	.	.	.	.	64	38
<i>Laburnum anagyroides</i>	E2	.	1	.	.	.	.	.	.	.	.	.	.	.	.
<i>Carex flacca</i>	E1	.	.	.	.	9	21	.	31	20	9	33	.	73	77
<i>Cornus mas</i>	E2	.	.	.	.	9	47	35	16	20	.	67	70	82	62
<i>Hypericum montanum</i>	E1	.	.	.	.	9	47	30	.	7	9	.	.	27	35
<i>Sorbus austriaca</i> s. lat.	E3b	.	.	.	.	6	.	.	.	.	.	.	.	.	.
<i>Sorbus austriaca</i> s. lat.	E2b	.	.	.	.	6	.	.	3	.	.	.	.	.	.
<i>Arabis turrata</i>	E1	.	.	.	.	3	42	43	.	7	18	.	.	.	.
<i>Cotinus coggygria</i>	E2	.	.	.	.	3	.	.	44	.	100	.	30	.	38
<i>Epipactis muelleri</i>	E1	.	.	.	.	3	.	.	6	.	.	.	.	.	.
<i>Tamus communis</i>	E1	.	.	.	.	.	26	9	.	.	.	.	.	73	15
<i>Calamintha sylvatica</i>	E1	.	.	.	.	.	11	4	.	.	.	.	.	.	.
<i>Buglossoides purpureo-caerulea</i>	E1	.	.	.	.	.	5	.	3	.	.	.	.	64	38
<i>Coronilla emerus</i> subsp. <i>emerus</i>	E2	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Orchis mascula</i> subsp. <i>speciosa</i>	E1	.	.	.	.	.	5	.	3	.	.	18	.	.	.
<i>Tanacetum corymbosum</i>	E1	.	.	.	.	.	5	9	.	.	.	33	30	91	58
<i>Viola alba</i> subsp. <i>scotophylla</i>	E1	.	.	.	.	.	.	4	3	.	.	.	.	.	.
<i>Prunus mahaleb</i>	E2	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Cephalanthera rubra</i>	E1	.	.	.	.	.	.	.	.	.	9	33	.	9	15
<i>Hierochloë australis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	36	.
<i>Orchis purpurea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	35	.
<i>Sorbus domestica</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	18	.
<i>Carex michelii</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	9	.
<i>Quercus x streinii</i>	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	4
<i>Quercus x streinii</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	9	8



Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
QR	<b><i>Quercetalia roboris</i></b>															
	<i>Melampyrum pratense</i>	E1	15	2	10		5	4		47						
	<i>Chamaecytisus supinus</i>	E1	10	2											31	
	<i>Quercus robur</i>	E3	1						3							
	<i>Quercus robur</i>	E1	7			3	5		9							
	<i>Quercus petraea</i>	E3	4				26	9			9	33	10	36	31	
	<i>Quercus petraea</i>	E1	3			9	26	22	16	7			30	36	42	
	<i>Genista sagittalis</i>	E1	3													
	<i>Pteridium aquilinum</i>	E1				14	11	4	31			33	90	27	12	
	<i>Potentilla erecta</i>	E1				11			13	33						
	<i>Betula pendula</i>	E3				9										
	<i>Frangula alnus</i>	E2				9	16		28	33						
	<i>Serratula tinctoria</i>	E1				9	5		19	20		33		100	31	
	<i>Populus tremula</i>	E3b				6			3		9					
	<i>Populus tremula</i>	E2a				6		4	6							
	<i>Rubus hirtus</i>	E2a				6		4								
	<i>Betonica officinalis</i>	E1				3	11	4	3					9	42	
	<i>Populus tremula</i>	E2b				3			6							
	<i>Phyteuma zahlbruckneri</i>	E1					11	9			9					
	<i>Lembotropis nigricans</i>	E2a					11	13	3	20		33		45	38	
	<i>Castanea sativa</i>	E1						4		7						
	<i>Genista germanica</i>	E1								27				18	8	
TA	<b><i>Tilio-Acerion</i></b>															
	<i>Acer pseudoplatanus</i>	E3				26	5	4	6							
	<i>Acer pseudoplatanus</i>	E2				29		9	16						11	
	<i>Acer pseudoplatanus</i>	E1				37	5	13	31							
	<i>Polystichum aculeatum</i>	E1				29	5	4	3							
	<i>Aruncus dioicus</i>	E1				23			3							
	<i>Euonymus latifolia</i>	E2				9		17		13						
	<i>Acer platanoides</i>	E3a					5	4								
	<i>Acer platanoides</i>	E1				3	5	4							23	
	<i>Polystichum setiferum</i>	E1				3										
	<i>Thalictrum aquilegifolium</i>	E1				3			3		4				12	
	<i>Ulmus glabra</i>	E3a				3	5									
	<i>Ulmus glabra</i>	E2				3	5									
	<i>Tilia platyphyllos</i>	E3					16	13								
	<i>Tilia platyphyllos</i>	E2						22	6							
	<i>Geranium robertianum</i>	E1					5	9								
	<i>Phyllitis scolopendrium</i>	E1					5									
	<i>Tephrosieris pseudocrispa</i>	E1						4								
AF	<b><i>Aremonio-Fagion</i></b>															
	<i>Cyclamen purpurascens</i>	E1	25	52	46	67	94	84	91	88	93	91	33	70	45	81
	<i>Helleborus niger</i>	E1	8	7	10	10	17	5		44		100		70	27	23
	<i>Rhamnus fallax</i>	E2	8	4	26	51	17	26	22	3		18				
	<i>Omphalodes verna</i>	E1				37	11		34							
	<i>Cardamine enneaphyllos</i>	E1				34	5	4	9							
	<i>Euphorbia carniolica</i>	E1				23			13							
	<i>Knautia drymeia</i>	E1				20	16	4	16			33		45	35	
	<i>Hemerocallis lilioasphodelus</i>	E1				17										
	<i>Cardamine trifolia</i>	E1				11										
	<i>Potentilla carniolica</i>	E1				9			19							

Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Daphne blagayana</i>	E1	.	.	.	.	6	.	.	.	.	.	.	10	9	.
<i>Scopolia carniolica</i>	E1	.	.	.	.	3	5	.	.	.	.	.	.	.	.
<i>Lamium orvala</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Epimedium alpinum</i>	E1	.	.	.	.	.	5	4	.	.	.	.	.	.	4
<i>Daphne laureola</i>	E2a	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Hacquetia epipactis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	4
EC <b><i>Erythronio-Carpinion</i></b>															
<i>Primula vulgaris</i>	E1	.	.	.	.	14	42	35	22	.	54	.	30	82	65
<i>Helleborus odoratus</i>	E1	.	.	.	.	.	16	9	.	.	.	.	.	.	.
<i>Galanthus nivalis</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
FS <b><i>Fagetalia sylvaticae</i></b>															
<i>Fagus sylvatica</i>	E3	.	18	4	8	60	26	22	22	20	4	67	50	27	23
<i>Fagus sylvatica</i>	E2	8	13	8	13	51	16	17	38	13	.	67	.	36	27
<i>Mercurialis perennis</i>	E1	8	10	2	26	60	21	39	9	.	18	33	.	.	.
<i>Salvia glutinosa</i>	E1	.	26	22	8	37	37	57	19	.	27	.	.	.	38
<i>Melica nutans</i>	E1	.	11	8	8	43	16	13	18	7	9	.	.	.	4
<i>Campanula trachelium</i>	E1	.	9	.	3	.	42	4	3	.	4	.	.	36	38
<i>Mycelis muralis</i>	E1	.	6	2	.	11	16	22	3	.	.	.	.	.	8
<i>Poa nemoralis</i>	E1	.	2	.	.	.	11	.	.	.	.	.	.	.	.
<i>Carpinus betulus</i>	E3	.	1	.	.	.	21	.	.	.	18	.	.	.	.
<i>Carpinus betulus</i>	E2a	.	.	.	.	.	11	.	.	.	9	.	.	27	8
<i>Tilia cordata</i>	E1	.	1	.	.	3	5	4	.	.	.	.	.	.	8
<i>Galium laevigatum</i>	E1	.	.	.	.	74	58	74	6	33	4	.	.	.	23
<i>Daphne mezereum</i>	E2a	.	.	.	.	69	16	35	6	.	4	.	.	.	8
<i>Lonicera alpigena</i>	E2	.	.	.	.	31	11	17	13	.	.	.	.	.	.
<i>Lathyrus vernus</i> subsp. <i>vernus</i>	E1	.	.	.	.	23	16	22	6	.	.	.	.	36	12
<i>Epipactis helleborine</i>	E1	.	.	.	.	20	21	9	19	.	18	.	.	.	15
<i>Lathyrus vernus</i> subsp. <i>flaccidus</i>	E1	.	.	.	.	14	5	.	.	.	.	.	.	.	.
<i>Galeobdolon flavidum</i>	E1	.	.	.	.	9	21	.	.	7	.	.	.	.	.
<i>Neottia nidus-avis</i>	E1	.	.	.	.	9	21	13	6	.	.	.	.	.	15
<i>Prenanthes purpurea</i>	E1	.	.	.	.	9	5	4	3	.	.	.	.	.	.
<i>Symphytum tuberosum</i>	E1	.	.	.	.	9	21	.	.	.	.	.	30	73	.
<i>Viola reichenbachiana</i>	E1	.	.	.	.	9	16	30	9	13	36	.	10	.	.
<i>Asarum europaeum</i> subsp. <i>caucasicum</i>	E1	.	.	.	.	6	26	30	3	.	.	.	.	.	12
<i>Brachypodium sylvaticum</i>	E1	.	.	.	.	6	21	.	.	.	9	.	.	.	.
<i>Euphorbia amygdaloides</i>	E1	.	.	.	.	6	26	9	.	.	.	.	.	18	8
<i>Lilium martagon</i>	E1	.	.	.	.	6	16	9	3	.	.	.	30	.	.
<i>Phyteuma spicatum</i> subsp. <i>coeruleum</i>	E1	.	.	.	.	6	.	.	.	.	.	.	.	.	.
<i>Actaea spicata</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Dryopteris filix-mas</i>	E1	.	.	.	.	3	21	9	.	7	.	.	.	.	.
<i>Heracleum sphondylium</i>	E1	.	.	.	.	3	5	.	.	.	4	.	.	.	.
<i>Luzula nivea</i>	E1	.	.	.	.	3	26	30	.	7	.	.	.	.	.
<i>Paris quadrifolia</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Polygonatum multiflorum</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Pulmonaria officinalis</i>	E1	.	.	.	.	3	11	.	.	.	.	.	.	.	.
<i>Myosotis sylvatica</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Scrophularia nodosa</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Cardamine bulbifera</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	9	.
<i>Cephalanthera damasonium</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	9	15
<i>Epilobium montanum</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Fraxinus excelsior</i>	E3	.	.	.	.	.	5	.	.	.	.	.	.	.	.

Successive number (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<i>Prunus avium</i>	E2a	.	.	.	.	5	.	3	.	.	.	.	45	8	
<i>Euphorbia dulcis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	18	12	
<i>Sanicula europaea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	9	.	
<b>QF <i>Quercus-Fagetea</i></b>															
<i>Carex digitata</i>	E1	.	10	22	15	71	47	78	44	13	54	.	30	.	4
<i>Corylus avellana</i>	E2	.	8	2	3	46	53	9	13	60	64	.	70	45	4
<i>Cruciata glabra</i>	E1	.	7	.	.	5	4	.	40	18	.	.	.	.	8
<i>Hepatica nobilis</i>	E1	.	7	.	15	51	26	87	22	40	36	.	70	27	23
<i>Cephalanthera longifolia</i>	E1	.	5	.	.	6	32	9	9	7	.	.	.	.	12
<i>Lonicera xylosteum</i>	E2	.	5	.	5	11	26	39	3	7	4	.	10	.	15
<i>Festuca heterophylla</i>	E1	.	2	.	.	3	21	4	.	.	.	.	.	54	31
<i>Spiraea chamaedryfolia</i>	E2a	.	.	.	.	20	.	4	.	.	.	.	.	.	.
<i>Veratrum nigrum</i>	E1	.	.	.	.	17	21	26	9	.	.	.	.	.	.
<i>Viscum album s. lat.</i>	E3a	.	.	.	.	9	.	.	6	.	.	.	.	.	.
<i>Ilex aquifolium</i>	E2b	.	.	.	.	6	.	.	.	.	.	.	.	9	.
<i>Rosa arvensis</i>	E2a	.	.	.	.	6	16	13	3	.	.	.	.	.	31
<i>Vinca minor</i>	E1	.	.	.	.	6	37	17	3	20	.	.	.	.	.
<i>Aegopodium podagraria</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Carex umbrosa</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Clematis vitalba</i>	E2	.	.	.	.	3	21	4	3	27	18	.	50	27	12
<i>Hedera helix</i>	E3a	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Hedera helix</i>	E2	.	.	.	.	3	11	17	.	13	.	33	.	18	.
<i>Platanthera bifolia</i>	E1	.	.	.	.	3	.	9	6	7	.	.	.	.	.
<i>Viola mirabilis</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Viola riviniana</i>	E1	.	.	.	.	.	16	22	3	.	.	.	.	.	.
<i>Acer campestre</i>	E3a	.	.	.	.	.	11	.	.	.	.	.	.	9	.
<i>Acer campestre</i>	E2b	.	.	.	.	.	5	.	.	.	.	.	.	54	19
<i>Listera ovata</i>	E1	.	.	.	.	.	11	.	3	.	.	.	.	9	.
<i>Pyrus pyraster</i>	E3a	.	.	.	.	.	5	.	3	.	.	.	30	.	.
<i>Pyrus pyraster</i>	E2a	.	.	.	.	.	11	4	.	.	.	33	30	73	.
<i>Carex montana</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	18	.
<i>Taxus baccata</i>	E3	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Taxus baccata</i>	E2	.	.	.	.	.	5	13	.	7	.	.	.	.	.
<i>Staphylea pinnata</i>	E2b	.	.	.	.	.	.	4	.	.	.	.	.	36	.
<i>Malus sylvestris</i>	E2	.	.	.	.	.	.	.	7	.	67	.	.	18	.
<i>Anemone nemorosa</i>	E1	.	.	.	.	.	.	.	.	.	.	30	.	.	.
<i>Melica uniflora</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	9	.
<i>Stellaria holostea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	9	.
<b>EP <i>Erico-Pinetea</i></b>															
<i>Calamagrostis varia</i>	E1	50	56	66	72	91	53	83	75	73	91	.	30	.	19
<i>Erica carnea</i>	E1	33	58	64	87	91	26	57	97	93	64	.	100	27	54
<i>Polygala chamaebuxus</i>	E1	33	65	36	51	60	37	70	88	67	64	.	50	.	58
<i>Amelanchier ovalis</i>	E2	25	34	20	39	37	32	22	97	100	100	100	30	36	54
<i>Buphthalmum salicifolium</i>	E1	25	59	50	46	54	84	83	63	47	91	.	90	91	96
<i>Epipactis atrorubens</i>	E1	8	24	20	13	9	26	13	9	73	.	.	10	18	23
<i>Pinus nigra</i>	E3	.	10	6	5	9	.	.	6	27	.	33	.	.	.
<i>Pinus nigra</i>	E2	8	4	2	5	9	.	.	6	20	.	.	.	.	.
<i>Pinus sylvestris</i>	E3	.	34	28	23	11	.	4	6	40	.	.	.	.	.
<i>Pinus sylvestris</i>	E2	8	11	36	18	6	.	.	9	.	.	.	.	.	4
<i>Cotoneaster tomentosus</i>	E2	.	22	4	15	9	11	13	27	47	82	.	10	9	27
<i>Cirsium erisithales</i>	E1	.	14	44	51	74	37	35	31	7	4	.	.	.	12

Successive number (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
<i>Rubus saxatilis</i>	E1	.	12	12	44	60	11	17	31	13	9	.	9	.		
<i>Chamaecytisus hirsutus</i>	E1	.	7	2	.	11	26	35	63	27	9	100	50	100	65	
<i>Euphrasia cuspidata</i>	E1	.	4	50	15	.	.	.	6	7	9	.	.	.	.	
<i>Pinus mugo</i>	E2b	.	2	12	23	3	.	.	.	.	.	.	.	.	.	
<i>Rhododendron hirsutum</i>	E2a	.	.	16	64	100	.	9	50	.	.	.	.	.	.	
<i>Carex alba</i>	E1	.	.	.	.	63	26	22	22	67	4	.	70	9	46	
<i>Molinia caerulea</i> subsp. <i>arundinacea</i>	E1	.	.	.	.	31	16	4	47	53	18	33	10	.	.	
<i>Carex ornithopoda</i>	E1	.	.	.	.	23	16	26	24	.	.	.	.	.	.	
<i>Peucedanum austriacum</i> s. lat.	E1	.	.	.	.	23	21	57	3	.	27	.	.	27	8	
<i>Aquilegia nigricans</i>	E1	.	.	.	.	17	5	13	6	.	4	.	30	.	.	
<i>Rhodothamnus chamaecistus</i>	E1	.	.	.	.	17	.	4	16	.	.	.	.	.	.	
<i>Genista radiata</i>	E2a	.	.	.	.	6	5	17	16	20	100	100	.	.	8	
<i>Aster amellus</i>	E1	.	.	.	.	3	26	35	19	7	36	33	.	64	62	
<i>Chamaecytisus purpureus</i>	E1	.	.	.	.	3	.	4	22	.	18	.	67	.	15	
<i>Gymnadenia odoratissima</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	
<i>Rhamnus saxatilis</i>	E2a	.	.	.	.	3	11	.	24	67	100	.	.	.	46	
<i>Leontodon incanus</i>	E1	.	.	.	.	.	11	9	38	13	27	.	70	27	19	
<i>Crepis slovenica</i>	E1	.	.	.	.	.	5	.	3	7	.	.	.	.	.	
<i>Knautia ressmanii</i>	E1	.	.	.	.	.	.	.	.	20	.	.	.	.	.	
<i>Arctostaphylos uva-ursi</i>	E2a	.	.	.	.	.	.	.	.	7	.	.	.	.	.	
<i>Aquilegia atrata</i>	E1	.	.	.	.	.	.	.	.	7	.	.	.	.	.	
<i>Coronilla vaginalis</i>	E1	.	.	.	.	.	.	.	.	7	18	.	.	.	.	
<i>Polygala nicaeensis</i> subsp. <i>forojulensis</i>	E1	.	.	.	.	.	.	.	.	7	.	.	.	.	.	
VP <b>Vaccinio-Piceetea</b>																
<i>Hieracium murorum</i>	E1	.	13	14	13	46	32	48	25	13	.	.	.	.	4	
<i>Solidago virgaurea</i>	E1	.	.	.	.	49	21	39	9	7	9	33	50	27	46	
<i>Homogyne sylvestris</i>	E1	.	.	.	.	37	.	17	.	.	.	.	.	.	.	
<i>Gentiana asclepiadea</i>	E1	.	.	.	.	23	.	.	.	.	.	.	.	.	.	
<i>Veronica urticifolia</i>	E1	.	.	.	.	20	11	30	.	.	.	.	.	.	.	
<i>Larix decidua</i>	E3	.	.	.	.	17	.	4	.	7	.	.	.	.	.	
<i>Clematis alpina</i>	E2a	.	.	.	.	14	11	13	.	.	36	.	.	.	.	
<i>Laserpitium krapfii</i>	E1	.	.	.	.	14	.	.	.	.	.	10	.	.	.	
<i>Aposeris foetida</i>	E1	.	.	.	.	11	.	.	.	.	.	.	9	.	.	
<i>Abies alba</i>	E3b	.	.	.	.	9	.	.	.	.	.	.	.	.	.	
<i>Abies alba</i>	E2	.	.	.	.	6	5	.	.	.	.	.	.	.	.	
<i>Maianthemum bifolium</i>	E1	.	.	.	.	6	.	.	.	.	.	.	.	.	.	
<i>Oxalis acetosella</i>	E1	.	.	.	.	6	.	.	.	.	.	.	.	.	.	
<i>Calamagrostis arundinacea</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	
<i>Dryopteris dilatata</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	
<i>Gymnocarpium dryopteris</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	
<i>Lonicera nigra</i>	E1	.	.	.	.	3	.	.	3	.	.	.	.	.	.	
<i>Polystichum lonchitis</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	
<i>Polystichum x illyricum</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	
<i>Vaccinium myrtillus</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.	
<i>Saxifraga cuneifolia</i>	E1	.	.	.	.	.	5	22	.	.	.	.	.	.	.	
<i>Huperzia selago</i>	E1	.	.	.	.	.	.	4	.	.	.	.	.	.	.	
SSC <b>Sambuco-Salicion capreae</b>																
<i>Sorbus aucuparia</i>	E3a	.	.	.	.	9	.	.	3	.	.	.	.	.	.	
<i>Sorbus aucuparia</i>	E2a	.	.	.	.	43	.	22	6	13	.	.	20	.	.	
RP <b>Rhamno-Prunetea</b>																
<i>Berberis vulgaris</i>	E2a	.	15	4	5	14	5	4	18	53	64	33	70	54	23	

Successive number (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<i>Viburnum lantana</i>	E2	.	13	.	5	6	11	22	19	53	9	100	90	82	96
<i>Rhamnus catharticus</i>	E2b	.	9	2	.	9	37	35	56	13	45	67	90	91	77
<i>Crataegus monogyna</i>	E2a	.	8	.	.	3	42	13	19	20	9	.	70	82	62
<i>Ligustrum vulgare</i>	E2a	.	6	2	.	.	16	9	6	7	18	.	70	64	23
<i>Cornus sanguinea</i>	E2	.	2	.	.	.	16	13	6	33	.	.	90	82	46
<i>Cotoneaster integerrimus</i>	E2a	.	2	.	.	.	.	4	.	.	.	.	.	.	.
<i>Rosa canina</i>	E2a	.	.	.	.	6	21	13	6	20	9	.	90	91	15
<i>Viburnum opulus</i>	E2a	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Euonymus europaea</i>	E2a	.	.	.	.	3	.	9	.	.	.	.	.	.	.
<i>Rosa glauca</i>	E2	.	.	.	.	.	11	22	.	.	.	.	.	.	.
<i>Rubus fruticosus</i> agg. (incl. <i>R. coryfolius</i> )	E2a	.	.	.	.	.	11	4	3	13	.	.	.	.	.
<i>Prunus spinosa</i>	E2a	.	.	.	.	.	5	.	.	.	.	.	.	54	4
<b>TG Trifolio-Geranietea</b>															
<i>Vincetoxicum hirundinaria</i>	E1	42	69	24	3	46	84	78	81	53	91	67	30	54	92
<i>Anthericum ramosum</i>	E1	17	29	10	.	14	37	57	66	33	73	.	30	73	88
<i>Polygonatum odoratum</i>	E1	8	20	.	.	3	58	43	50	7	73	33	50	100	65
<i>Silene nutans</i>	E1	8	8	.	.	.	47	39	6	27	91	33	.	.	.
<i>Viola collina</i>	E1	8	35	24	18	.	.	.	.	.	.	.	.	.	.
<i>Origanum vulgare</i>	E1	.	21	10	5	3	42	26	34	20	45	67	.	9	58
<i>Thesium bavarum</i>	E1	.	12	6	.	3	32	26	34	.	4	67	.	.	12
<i>Geranium sanguineum</i>	E1	.	7	.	.	.	16	.	22	7	45	.	50	100	81
<i>Clinopodium vulgare</i>	E1	.	4	4	.	6	63	39	6	7	36	.	.	.	31
<i>Trifolium merdium</i>	E1	.	3	.	.	.	.	.	.	.	9	.	.	.	.
<i>Veronica teucrium</i>	E1	.	3	.	.	.	.	.	.	.	18	.	.	.	12
<i>Achillea distans</i> (incl. <i>A. millefolium</i> agg.)	E1	.	2	.	.	6	58	35	9	7	.	.	.	18	.
<i>Trifolium alpestre</i>	E1	.	2	.	.	.	.	.	.	.	.	.	.	9	.
<i>Lilium bulbiferum</i>	E1	.	1	.	.	.	.	.	.	7	.	.	.	.	4
<i>Laserpitium latifolium</i>	E1	.	.	.	.	11	16	17	16	7	9	.	.	18	.
<i>Campanula rapunculoides</i>	E1	.	.	.	.	9	53	57	3	.	.	.	.	.	.
<i>Laserpitium siler</i>	E1	.	.	.	.	9	11	26	47	13	45	33	.	18	23
<i>Grafia golaka</i>	E1	.	.	.	.	6	.	.	6	.	.	.	.	.	.
<i>Digitalis grandiflora</i>	E1	.	.	.	.	3	63	48	16	.	.	.	.	27	50
<i>Lilium carnolicum</i>	E1	.	.	.	.	3	32	26	34	.	36	.	.	.	.
<i>Salvia pratensis</i> subsp. <i>saccardiana</i>	E1	.	.	.	.	3	5	.	25	.	.	.	.	.	.
<i>Verbascum lanatum</i>	E1	.	.	.	.	3	26	4	3	.	.	.	.	.	.
<i>Viola hirta</i>	E1	.	.	.	.	3	32	43	61	40	91	33	.	64	69
<i>Valeriana collina</i>	E1	.	.	.	.	.	47	43	9	.	73	33	50	27	54
<i>Libanotis montana</i> s. lat.	E1	.	.	.	.	.	37	4	3	.	.	.	.	.	.
<i>Thalictrum minus</i>	E1	.	.	.	.	.	26	9	34	13	100	33	.	9	31
<i>Inula conyza</i>	E1	.	.	.	.	.	21	9	.	.	9	.	.	.	23
<i>Iris graminea</i>	E1	.	.	.	.	.	16	4	31	.	.	.	.	.	38
<i>Hypericum perforatum</i>	E1	.	.	.	.	.	11	4	3	.	9	.	.	.	.
<i>Trifolium rubens</i>	E1	.	.	.	.	.	11	4	.	.	.	33	.	82	23
<i>Valeriana nemorensis</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Astragalus glycyphyllos</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	9	.
<i>Calamintha einseleana</i>	E1	.	.	.	.	.	5	4	.	.	9	.	.	.	.
<i>Peucedanum cervaria</i>	E1	.	.	.	.	.	5	4	3	13	.	.	.	82	50
<i>Trifolium aureum</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Verbascum lychnitis</i>	E1	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Vicia sylvatica</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Lathyrus sylvestris</i>	E1	.	.	.	.	.	.	4	.	.	.	.	.	.	.

Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Coronilla coronata</i>	E1	.	.	.	.	.	.	.	9	.	.	.	.	.	19
<i>Verbascum austriacum</i>	E1	.	.	.	.	.	.	.	.	27	.	.	.	.	.
<i>Centaure stenolepis</i>	E1	.	.	.	.	.	.	.	.	.	.	33	.	18	.
<i>Coronilla varia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	9	12
<i>Erysimum carniolicum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	18	.
<i>Dictamnus albus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	69
<i>Fragaria moschata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	19
<b>FB Festuco-Brometea</b>															
<i>Carex humilis</i>	E1	42	63	30	13	40	58	70	94	33	100	67	30	36	54
<i>Euphorbia cyparissias</i>	E1	33	46	12	8	.	47	43	28	13	64	100	30	73	69
<i>Teucrium montanum</i>	E1	33	13	26	10	.	16	4	41	27	82	33	.	.	27
<i>Centaurea triumfettii</i>	E1	25	2	6	.	.	11	9	.	7	27	67	.	36	15
<i>Euphorbia verrucosa</i>	E1	8	4	.	4	.	.	.	6	.	.	33	.	.	46
<i>Galium lucidum</i>	E1	8	56	32	23	9	47	30	66	33	45	.	70	100	54
<i>Teucrium chamaedrys</i>	E1	8	44	14	.	3	53	48	50	73	100	67	70	82	85
<i>Peucedanum oreoselinum</i>	E1	.	29	.	.	9	11	35	44	60	91	67	30	73	96
<i>Brachypodium rupestre</i>	E1	.	27	6	3	9	47	30	38	67	64	.	.	9	73
<i>Arabis hirsuta</i>	E1	.	9	2	.	.	16	.	.	.	27	.	.	.	.
<i>Festuca rupicola</i>	E1	.	4	.	.	.	5	4	3	.	.	.	.	.	.
<i>Dianthus hyssopifolius (D. monspessulanus)</i>	E1	.	2	.	.	3	68	78	44	.	82	.	.	.	38
<i>Bromus erectus</i> agg.	E1	.	.	.	.	3	42	39	13	13	73	67	.	.	.
<i>Carlina acaulis</i>	E1	.	.	.	.	3	11	4	16	.	18	.	.	.	.
<i>Centaurea bracteata</i>	E1	.	.	.	.	3	21	22	16	20	9	33	10	.	38
<i>Linum catharticum</i>	E1	.	.	.	.	3	.	.	6	.	.	.	.	.	.
<i>Stachys recta</i> s. lat. (incl. <i>S. labiosa</i> )	E1	.	.	.	.	3	21	17	25	47	100	.	.	45	23
<i>Thymus praecox</i> s. lat.	E1	.	.	.	.	3	32	17	19	.	27	.	30	.	38
<i>Genista tinctoria</i>	E1	.	.	.	.	.	42	39	3	20	.	.	10	27	15
<i>Ajuga genevensis</i>	E1	.	.	.	.	.	37	22	9	.	45	.	.	.	12
<i>Helianthemum ovatum</i>	E1	.	.	.	.	.	32	17	3	13	64	67	30	36	23
<i>Allium carinatum</i> subsp. <i>pulchellum</i>	E1	.	.	.	.	.	21	35	6	.	91	.	.	.	46
<i>Inula hirta</i>	E1	.	.	.	.	.	21	4	19	.	18	33	.	45	54
<i>Carlina vulgaris</i>	E1	.	.	.	.	.	16	4	.	.	.	.	.	9	.
<i>Cirsium pannonicum</i>	E1	.	.	.	.	.	16	.	.	.	.	.	.	45	19
<i>Hippocrepis comosa</i>	E1	.	.	.	.	.	16	4	3	.	.	.	.	9	.
<i>Koeleria pyramidata</i>	E1	.	.	.	.	.	16	9	.	.	9	.	.	.	.
<i>Pimpinella saxifraga</i>	E1	.	.	.	.	.	16	17	.	13	9	.	.	9	4
<i>Allium carinatum</i> subsp. <i>carinatum</i>	E1	.	.	.	.	.	11	4	3	.	.	.	.	.	.
<i>Linum viscosum</i>	E1	.	.	.	.	.	11	.	3	20	27	.	.	.	.
<i>Satureja montana</i> subsp. <i>variegata</i>	E1	.	.	.	.	.	11	30	9	.	64	.	.	82	12
<i>Scabiosa triandra</i>	E1	.	.	.	.	.	11	4	.	7	45	.	.	.	38
<i>Asphodelus albus</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Centaurea scabiosa</i> subsp. <i>fritschii</i>	E1	.	.	.	.	.	5	.	.	13	.	33	.	.	23
<i>Cuscuta epithymum</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Galium verum</i>	E1	.	.	.	.	.	5	4	.	7	27	.	.	36	26
<i>Globularia punctata</i>	E1	.	.	.	.	.	5	.	.	.	27	33	.	.	8
<i>Hypochoeris maculata</i>	E1	.	.	.	.	.	5	.	.	.	.	33	.	73	.
<i>Linum tenuifolium</i>	E1	.	.	.	.	.	5	.	.	.	45	.	.	.	19
<i>Medicago lupulina</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Plantago media</i>	E1	.	.	.	.	.	5	4	.	.	.	.	.	18	.
<i>Polygala vulgaris</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Potentilla pusilla</i>	E1	.	.	.	.	.	5	4	.	.	9	.	.	.	.

Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Prunella grandiflora</i>	E1	.	.	.	.	.	5	9	3	.	73	100	10	.	35
<i>Veronica barrelieri</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Sanguisorba minor</i>	E1	.	.	.	.	.	5	.	.	.	18	.	.	.	19
<i>Scabiosa columbaria</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	8
<i>Anthyllis vulneraria</i>	E1	.	.	.	.	.	.	9	3	7	18	.	.	9	12
<i>Allium senescens</i>	E1	.	.	.	.	.	.	4	.	.	9	.	.	9	19
<i>Betonica serotina</i>	E1	.	.	.	.	.	.	4	.	7	.	.	.	.	8
<i>Scabiosa hladnikiana</i>	E1	.	.	.	.	.	.	.	19	.	.	.	.	.	15
<i>Campanula glomerata</i>	E1	.	.	.	.	.	.	.	6	13	.	.	.	18	.
<i>Asperula cynanchica</i>	E1	.	.	.	.	.	.	.	3	.	.	100	50	27	35
<i>Cirsium x linkianum</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Gentianella ciliata</i>	E1	.	.	.	.	.	.	.	3	.	.	33	.	.	.
<i>Thesium linophyllum</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Thlaspi praecox</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Gymnadenia conopsea</i>	E1	.	.	.	.	.	.	.	.	13	.	.	.	.	.
<i>Thymus longicaulis</i>	E1	.	.	.	.	.	.	.	.	13	.	.	.	.	.
<i>Carex caryophyllea</i>	E1	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Dorycnium germanicum</i> (incl. <i>D. herbaceum</i> )	E1	.	.	.	.	.	.	.	.	7	73	.	50	64	77
<i>Scabiosa graminifolia</i>	E1	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Thymus pulegioides</i>	E1	.	.	.	.	.	.	.	.	7	.	67	.	.	.
<i>Melica ciliata</i>	E1	.	.	.	.	.	.	.	.	.	27	.	.	.	.
<i>Orobanche gracilis</i>	E1	.	.	.	.	.	.	.	.	.	9	.	.	.	.
<i>Silene vulgaris</i> subsp. <i>vulgaris</i>	E1	.	.	.	.	.	.	.	.	.	.	33	.	9	.
<i>Polygala comosa</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	54	.
<i>Hieracium bauginii</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	45	.
<i>Carex halleriana</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	36	.
<i>Lactuca perennis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	36	.
<i>Orchis militaris</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	18	.
<i>Trifolium montanum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	9	.
<i>Aster lynosiris</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	12
ES <b><i>Elyno-Seslerietea</i></b>															
<i>Sesleria caerulea</i> subsp. <i>calcaria</i>	E1	83	54	36	28	91	53	96	100	93	64	.	.	.	62
<i>Carex mucronata</i>	E1	58	1	2	.	9	.	.	31	.	.	.	.	.	.
<i>Globularia cordifolia</i>	E1	42	7	26	3	3	11	4	22	7	45	.	10	.	27
<i>Carex ferruginea</i>	E1	.	.	.	.	20	.	.	.	.	.	.	.	.	.
<i>Laserpitium peucedanoides</i>	E1	.	.	.	.	20	.	.	19	7	.	.	.	.	8
<i>Aster bellidiastrum</i>	E1	.	.	.	.	17	.	4	13	.	4	.	.	.	.
<i>Pimpinella alpina</i>	E1	.	.	.	.	6	.	.	6	.	.	.	.	.	.
<i>Campanula thyrsoidea</i>	E1	.	.	.	.	3	.	.	.	.	64	33	.	.	.
<i>Carduus crassifolius</i> (incl. <i>C. defloratus</i> )	E1	.	.	.	.	3	26	17	31	2.	64	.	.	.	.
SCF <i>Pinguicula alpina</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
SCF <i>Tofieldia calyculata</i>	E1	.	.	.	.	3	.	.	9	.	.	.	.	.	.
<i>Festuca calva</i>	E1	.	.	.	.	.	32	17	3	.	.	.	.	.	.
<i>Phleum hirsutum</i>	E1	.	.	.	.	.	26	4	.	.	.	.	.	.	.
<i>Acinos alpinus</i>	E1	.	.	.	.	.	21	9	.	7	.	.	.	.	.
<i>Cerastium strictum</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Alchemilla vulgaris</i> agg.	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Campanula witasekiana</i>	E1	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Erigeron glabratus</i>	E1	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Gentiana lutea</i> subsp. <i>symphyandra</i>	E1	.	.	.	.	.	5	.	3	.	.	.	.	.	.



Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Helianthemum nummularium</i> subsp. <i>grandiflorum</i>	E1	.	.	.	.	.	5	.	.	7	18	.	.	.	4
<i>Leucanthemum maximum</i> agg.	E1	.	.	.	.	.	5	4	6	13	.	.	.	.	.
<i>Scabiosa lucida</i> subsp. <i>stricta</i>	E1	.	.	.	.	.	5	.	3	.	36	.	.	.	.
<i>Hieracium villosum</i>	E1	.	.	.	.	.	.	.	9	.	.	.	.	.	.
<i>Carex firma</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Centaurea haynaldii</i> subsp. <i>julica</i>	E1	.	.	.	.	.	.	.	3	.	45	.	.	.	.
<i>Hieracium pilosum</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Thesium alpinum</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
SCF <i>Parnassia palustris</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Bupleurum ranunculoides</i>	E1	.	.	.	.	.	.	.	.	13	.	.	.	.	.
<i>Rhinanthus glacialis</i>	E1	.	.	.	.	.	.	.	.	7	18	.	.	.	.
<i>Sesleria juncifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1.	.	.
EA <b><i>Epilobietea angustifolii</i></b>															
<i>Fragaria vesca</i>	E1	.	7	.	3	.	63	70	.	20	27	33	3.	36	19
<i>Hypericum hirsutum</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Rubus idaeus</i>	E2a	.	.	.	.	6	11	4	.	.	.	.	.	.	.
<i>Carex muricata</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Galeopsis speciosa</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Eupatorium cannabinum</i>	E1	.	.	.	.	14	.	.	3	7	9	.	.	.	.
<i>Stachys sylvatica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	15
GU <b><i>Galio-Urticetea</i></b>															
<i>Geum urbanum</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Torilis japonica</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Rubus caesius</i>	E2a	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Solanum dulcamara</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Turritis glabra</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Viola odorata</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
MA <b><i>Molinio-Arrhenatheretea</i></b>															
<i>Lathyrus pratensis</i>	E1	.	7	2	3	.	26	4	.	7	.	.	.	.	.
<i>Galium mollugo</i>	E1	.	.	.	.	3	.	.	.	.	27	.	.	.	23
<i>Lotus corniculatus</i> s. lat.	E1	.	.	.	.	3	37	13	21	13	73	.	.	34	35
<i>Dactylis glomerata</i>	E1	.	.	.	.	.	26	.	.	.	.	.	.	73	35
<i>Veronica chamaedrys</i>	E1	.	.	.	.	.	26	4	3	.	.	.	.	82	.
<i>Festuca rubra</i> agg.	E1	.	.	.	.	.	11	.	9	.	.	.	.	.	.
<i>Angelica sylvestris</i>	E1	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Colchicum autumnale</i>	E1	.	.	.	.	.	5	.	.	.	9	.	.	.	.
<i>Leucanthemum ircutianum</i>	E1	.	.	.	.	.	5	.	3	.	.	.	.	.	.
<i>Poa angustifolia</i>	E1	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Taraxacum officinale</i>	E1	.	.	.	.	.	.	4	3	.	.	.	.	.	.
<i>Ranunculus nemorosus</i>	E1	.	.	.	.	.	.	4	.	7	.	.	.	.	.
<i>Centaurea carniolica</i>	E1	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Ajuga reptans</i>	E1	.	.	.	.	.	.	.	.	.	9	.	.	9	.
<i>Selinum carvifolia</i>	E1	.	.	.	.	.	.	.	.	.	9	.	.	.	.
<i>Inula salicina</i>	E1	.	.	.	.	.	.	.	.	.	.	67	.	9	50
MuA <b><i>Mulgedio-Aconitetea</i></b>															
<i>Senecio ovatus</i>	E1	.	.	.	.	29	.	9	.	.	.	.	.	.	.
<i>Aconitum angustifolium</i>	E1	.	.	.	.	11	26	22	6	.	4	.	.	.	.
<i>Centaurea montana</i>	E1	.	.	.	.	9	.	.	6	.	.	.	.	.	.
<i>Aconitum degenii</i> subsp. <i>paniculatum</i>	E1	.	.	.	.	3	.	9	.	.	4	.	.	.	.
<i>Athyrium filix-femina</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.

Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Veratrum album</i> s. lat.	E1	.	.	.	.	3	.	.	3	.	.	.	.	.	.
<i>Hypricum maculatum</i>	E1	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Phyteuma ovatum</i>	E1	.	.	.	.	.	.	.	.	.	4	.	.	.	15
<i>Silene dioica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	31
<i>Silene vulgaris</i> subsp. <i>antelopum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	26
TR <b><i>Thlaspietea rotundifolii</i></b>															
<i>Petasites paradoxus</i>	E1	.	7	58	44	3	5	.	3	7	4	.	.	.	.
<i>Biscutella laevigata</i>	E1	.	4	58	8	.	5	.	9	13	9	.	.	.	.
<i>Gymnocarpium robertianum</i>	E1	.	4	20	36	66	.	.	13	7	.	.	.	.	.
<i>Achnatherum calamagrostis</i>	E1	.	2	24	.	.	.	9	.	27	.	.	.	.	.
<i>Adenostyles glabra</i>	E1	.	1	10	21	46	.	.	6	.	.	.	.	.	.
<i>Silene vulgaris</i> subsp. <i>glareosa</i>	E1	.	1	42	3	.	.	.	.	.	9	.	.	.	.
<i>Rumex scutatus</i>	E1	.	.	48	5	.	.	.	.	.	.	.	.	.	.
<i>Festuca laxa</i>	E1	.	.	32	5	.	.	.	.	.	.	.	.	.	.
<i>Astrantia carniolica</i>	E1	.	.	.	.	11	.	.	3	.	.	.	.	.	.
<i>Hieracium bifidum</i>	E1	.	.	.	.	11	16	4	34	7	.	.	.	.	.
<i>Aquilegia einseleana</i>	E1	.	.	.	.	6	.	.	3	7	.	.	.	.	.
<i>Geranium macrorrhizum</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Ligusticum seguieri</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Viola pyrenaica</i>	E1	.	.	.	.	.	11	4	.	.	.	.	.	.	.
<i>Cerastium subtriflorum</i>	E1	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Gypsophila repens</i>	E1	.	.	.	.	.	5	9	3	.	4	.	.	.	.
<i>Veronica fruticulosa</i>	E1	.	.	.	.	.	5	.	.	.	36	.	.	.	.
<i>Erigeron angulosus</i>	E1	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Campanula cochleariifolia</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Euphorbia triflora</i> subsp. <i>kernerii</i>	E1	.	.	.	.	.	.	.	.	40	.	.	.	.	.
<i>Thesium rostratum</i>	E1	.	.	.	.	.	.	.	.	27	.	.	.	.	.
<i>Asplenium fissum</i>	E1	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Centaurea dichroantha</i>	E1	.	.	.	.	.	.	.	.	.	9	.	.	.	.
<i>Peucedanum verticillare</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	9	.
<i>Alysum transsilvanicum</i> ( <i>A. montanum</i> )	E1	.	.	.	.	.	.	.	.	.	.	.	.	9	.
AT <b><i>Asplenieta trichomanis</i></b>															
<i>Potentilla caulescens</i>	E1	67	2	.	3	.	11	13	50	.	9	.	.	.	.
<i>Kernera saxatilis</i>	E1	58	9	10	10	9	16	4	16	.	.	.	.	.	.
<i>Asplenium ruta-muraria</i>	E1	33	18	4	.	43	79	100	88	.	82	.	.	.	.
<i>Silene hayekiana</i>	E1	25	2	6	.	3	21	17	.	.	.	.	.	.	.
<i>Asplenium trichomanes</i>	E1	17	7	.	3	20	58	96	34	7	45	.	.	.	4
<i>Valeriana saxatilis</i>	E1	.	4	30	28	51	.	4	22	.	.	.	.	.	.
<i>Asplenium viride</i>	E1	.	.	.	.	26	.	17	.	.	.	.	.	.	.
<i>Phyteuma scheuchzeri</i> subsp. <i>columnae</i>	E1	.	.	.	.	23	5	4	81	.	.	.	.	.	.
<i>Saxifraga crustata</i>	E1	.	.	.	.	20	16	48	3	.	.	.	.	.	.
<i>Carex brachystachys</i>	E1	.	.	.	.	11	5	.	3	.	.	.	.	.	.
<i>Athamanta turbith</i>	E1	.	.	.	.	9	21	26	22	.	4	.	.	.	.
<i>Moehringia muscosa</i>	E1	.	.	.	.	9	32	65	3	.	.	.	.	.	.
<i>Primula carniolica</i>	E1	.	.	.	.	6	.	.	25	.	.	.	.	.	.
<i>Daphne alpina</i>	E2a	.	.	.	.	3	.	.	19	.	.	.	.	.	.
<i>Hieracium pospichalii</i>	E1	.	.	.	.	3	5	.	.	.	.	.	.	.	.
<i>Micromeria thymifolia</i>	E1	.	.	.	.	3	5	13	9	.	.	.	.	.	.
<i>Polypodium vulgare</i>	E1	.	.	.	.	3	37	52	3	.	.	.	.	.	.
<i>Rhamnus pumilus</i>	E1	.	.	.	.	3	.	4	3	.	.	.	.	.	.
<i>Sedum album</i>	E1	.	.	.	.	.	53	52	3	.	27	.	.	.	.

Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Festuca stenantha</i>	E1	.	.	.	.	.	42	35	.	.	9	.	.	.	.
<i>Saxifraga petraea</i>	E1	.	.	.	.	.	26	4	.	.	.	.	.	.	.
<i>Saxifraga hostii</i>	E1	.	.	.	.	.	21	26	.	.	.	.	.	.	.
<i>Sedum maximum</i>	E1	.	.	.	.	.	21	13	.	.	9	.	.	45	23
<i>Sempervivum tectorum</i>	E1	.	.	.	.	.	21	13	.	.	45	.	.	.	.
<i>Ceterach javorkeanum</i>	E1	.	.	.	.	.	16	9	.	.	.	.	.	.	.
<i>Hieracium glaucum</i>	E1	.	.	.	.	.	16	13	13	.	.	.	.	.	.
<i>Sedum hispanicum</i>	E1	.	.	.	.	.	11	.	.	.	.	.	.	.	.
<i>Seseli gouanii</i>	E1	.	.	.	.	.	11	9	6	7	.	.	.	.	.
<i>Campanula spicata</i>	E1	.	.	.	.	.	5	9	3	7	.	.	.	.	.
<i>Dianthus sylvestris</i>	E1	.	.	.	.	.	5	.	3	.	45	.	.	.	.
<i>Erysimum sylvestre</i>	E1	.	.	.	.	.	5	9	6	.	9	.	.	.	.
<i>Iris pallida</i> subsp. <i>cengialti</i>	E1	.	.	.	.	.	5	17	3	.	18	.	.	.	.
<i>Moehringia villosa</i>	E1	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Cystopteris fragilis</i>	E1	.	.	.	.	.	.	9	.	.	.	.	.	.	.
<i>Primula x venusta</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Cardaminopsis arenosa</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	54	.
<i>Paederota bonarota</i>	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<i>Jovibarba hirta</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	12
<b>O Other species (Druge vrste)</b>															
<i>Juniperus communis</i>	E2	.	.	.	.	14	26	30	22	20	45	67	70	73	19
<i>Juglans regia</i>	E2	.	.	.	.	6	5	4	6	.	.	.	.	.	.
<i>Selaginella helvetica</i>	E1	.	.	.	.	3	.	4	.	.	.	.	.	.	.
<i>Tussilago farfara</i>	E1	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Festuca</i> sp.	E1	.	.	.	.	.	5	.	.	.	.	33	.	.	.
<i>Hieracium</i> sp.	E1	.	.	.	.	.	.	9	.	.	.	.	.	18	.
<i>Minuartia</i> sp.	E1	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Viola</i> sp.	E1	.	.	.	.	.	.	.	3	.	.	.	.	.	.
<b>ML Mosses and lichens (Mahovi in lišaji)</b>															
<i>Ctenidium molluscum</i>	E0	.	.	.	.	83	21	70	78	.	9	.	.	.	.
<i>Neckera crispa</i>	E0	.	.	.	.	80	32	91	78	.	9	.	.	.	4
<i>Fissidens dubius</i>	E0	.	.	.	.	77	5	13	31	.	36	.	.	.	.
<i>Tortella tortuosa</i>	E0	.	.	.	.	54	58	91	75	.	82	.	.	.	8
<i>Rhytidiadelphus triquetrus</i>	E0	.	.	.	.	40	5	22	3,0	.	.	.	.	.	.
<i>Hylocomium splendens</i>	E0	.	.	.	.	37	.	30	.	.	.	.	.	.	.
<i>Polytrichum formosum</i>	E0	.	.	.	.	34	5	4	.	.	.	.	.	.	.
<i>Scleropodium purum</i>	E0	.	.	.	.	29	16	4	19	.	.	.	.	.	.
<i>Eurhynchium striatum</i>	E0	.	.	.	.	26	5	.	.	.	27	.	.	.	.
<i>Plagiochila porelloides</i>	E0	.	.	.	.	26	5	4	.	.	.	.	.	.	.
<i>Thuidium tamariscinum</i>	E0	.	.	.	.	23	.	.	.	.	.	.	.	.	.
<i>Homalothecium philippeanum</i>	E0	.	.	.	.	17	.	9	9	.	.	.	.	.	.
<i>Hypnum cupressiforme</i>	E0	.	.	.	.	17	26	30	22	.	27	.	.	.	8
<i>Schistidium apocarpum</i>	E0	.	.	.	.	17	74	74	47	.	36	.	.	.	.
<i>Metzgeria furcata</i>	E0	.	.	.	.	14	5	4	.	.	9	.	.	.	.
<i>Plagiomnium undulatum</i>	E0	.	.	.	.	11	.	4	.	.	.	.	.	.	.
<i>Cladonia</i> sp.	E0	.	.	.	.	9	.	.	.	.	.	.	.	.	.
<i>Conocephalum conicum</i>	E0	.	.	.	.	9	.	.	3	.	.	.	.	.	.
<i>Orthothecium rufescens</i>	E0	.	.	.	.	9	.	.	3	.	.	.	.	.	.
<i>Encalypta streptocarpa</i>	E0	.	.	.	.	6	.	9	3	.	9	.	.	.	.
<i>Homalothecium lutescens</i>	E0	.	.	.	.	6	42	48	13	.	73	.	.	.	.
<i>Rhytidiadelphus loreus</i>	E0	.	.	.	.	6	.	.	.	.	.	.	.	.	.

Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Solorina saccata</i>	E0	.	.	.	.	6	.	.	.	.	.	.	.	.	.
<i>Atrichum undulatum</i>	E0	.	.	.	.	3	.	.	3	.	.	.	.	.	.
<i>Bartramia halleriana</i>	E0	.	.	.	.	3	5	.	.	.	.	.	.	.	.
<i>Bryum capillare</i>	E0	.	.	.	.	3	.	4	.	.	9	.	.	.	.
<i>Cladonia pyxidata</i>	E0	.	.	.	.	3	11	4	.	.	9	.	.	.	.
<i>Dicranum scoparium</i>	E0	.	.	.	.	3	5	22	3	.	.	.	.	.	.
<i>Isothecium alopecuroides</i>	E0	.	.	.	.	3	32	22	3	.	.	.	.	.	.
<i>Marchantia polymorpha</i>	E0	.	.	.	.	3	.	4	.	.	.	.	.	.	.
<i>Mnium marginatum</i>	E0	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Mnium thomsonii</i>	E0	.	.	.	.	3	.	.	.	.	36	.	.	.	.
<i>Peltigera canina</i>	E0	.	.	.	.	3	26,3	4	.	.	9	.	.	.	.
<i>Peltigera leucophlebia</i>	E0	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Plagiopus oederi</i>	E0	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Plagiothecium denticulatum</i>	E0	.	.	.	.	3	.	.	.	.	.	.	.	.	.
<i>Thuidium abietinum</i>	E0	.	.	.	.	3	5	.	.	.	.	.	.	.	.
<i>Thuidium delicatulum</i>	E0	.	.	.	.	3	21	4	.	.	9	.	.	.	.
<i>Anomodon viticulosus</i>	E0	.	.	.	.	.	53	9	.	.	18	.	.	.	.
<i>Homalothecium sericeum</i>	E0	.	.	.	.	.	47	65	22	.	.	.	.	.	.
<i>Anomodon attenuatus</i>	E0	.	.	.	.	.	16	.	.	.	.	.	.	.	.
<i>Dermatocarpon miniatum</i>	E0	.	.	.	.	.	10,5	.	.	.	.	.	.	.	.
<i>Porella platyphylla</i>	E0	.	.	.	.	.	11	30	6	.	.	.	.	.	.
<i>Rhytidium rugosum</i>	E0	.	.	.	.	.	11	.	6	.	.	.	.	.	.
<i>Collema crispum</i>	E0	.	.	.	.	.	5	4	.	.	.	.	.	.	.
<i>Neckera complanata</i>	E0	.	.	.	.	.	5	.	.	.	.	.	.	.	.
<i>Grimmia pulvinata</i>	E0	.	.	.	.	.	.	4	3	.	.	.	.	.	.
<i>Radula complanata</i>	E0	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Pedinophyllum interruptum</i>	E0	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Scleropodium touretii</i>	E0	.	.	.	.	.	.	.	.	7	.	.	.	.	.
<i>Brachythecium geheebii</i>	E0	.	.	.	.	.	.	.	.	.	36	.	.	.	.
<i>Scapania nemorosa</i>	E0	.	.	.	.	.	.	.	.	.	27	.	.	.	.

- 1 – EOpc: *Erico-Ostryetum* Horvat 1959 *potentilletosum caulescentis* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 5)  
 2 – EOty: *Erico-Ostryetum* Horvat 1959 *typicum* Franz & Willner 2007 (Austria, Franz & Willner 2007b, Table 13, column 2)  
 3 – EOsg: *Erico-Ostryetum* Horvat 1959 *silnetosum glareosae* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 2)  
 4 – EOrh: *Erico-Ostryetum* Horvat 1959 *rhododendretosum hirsuti* (Franz) Franz & Willner 2007 (Austria, northern Slovenia, Franz & Willner 2007b, Table 13, column 3)  
 5 – RO: *Rhododendro hirsuti-Ostryetum* Franz ex Dakskobler ass. nov. (north)western Slovenia  
 6, 7, 8 – OFO1, OFO2, OFO3: *Fraxino orni-Ostryetum* Aichinger 1933, (north)western Slovenia  
 9 – OFO-It: *Ostryo carpinifoliae-Fraxinetum orni* Aichinger 1933 (northeastern Italy, Poldini & Vidali 1999, Table 1)  
 10 – CyO-SI: *Cytisantho-Ostryetum* M. Wraber 1961 (Bohinj, M. Wraber 1961, phytosociological table, relevés 1 to 11)  
 11 – CyO-HR: *Cytisantho-Ostryetum* M. Wraber 1961 (western Croatia, Samobor Hills, Šugar 1978, Table 1)  
 12 – EO-HR: *Erico-Ostryetum* Horvat 1959 (western Croatia, Horvat 1959, Table 2, column 12)  
 13 – QO-HR: *Quercu-Ostryetum carpinifoliae* Horvat 1938 (Croatia, Horvat 1938, Table 1, relevés 1 to 11)  
 14 – QO-SI: *Quercu-Ostryetum carpinifoliae* Horvat 1938 (central and southeastern Slovenia, Zupančič et al. 2009, Table 1, relevés 1 to 26)

**Table 6:** Groups of diagnostic species in the syntaxa *Fraxino orni-Ostryetum* s. lat. and *Quercu-Ostryetum* s. lat.**Tabela 6:** Skupine diagnostičnih vrst v sintaksonih *Fraxino orni-Ostryetum* s. lat. in *Quercu-Ostryetum* s. lat.

Successive number (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Number of relevés (Število popisov)	12	136	50	39	35	19	23	32	15	11	3	9	11	26
Sign for syntaxa (Oznaka sintaksonov)	EOpc	EOty	EOsg	EOrh	RO	OFO1	OFO2	OFOpc	OFO-It	CyO-SI	CyO-Hr	EO-HR	QO-HR	QO-SI
<i>Carpinion orientalis</i>	0	0	0	0	0,3	0,8	0,4	1,7	1,5	0	2,5	1,8	1,1	1,9
<i>Quercetalia pubescenti-petraeae</i>	<b>15,3</b>	<b>18,9</b>	<b>15,1</b>	<b>21,0</b>	<b>12,6</b>	<b>14,6</b>	<b>15,2</b>	<b>14,4</b>	<b>14,6</b>	<b>11,6</b>	<b>17,8</b>	<b>22,9</b>	<b>24,6</b>	<b>22,2</b>
<i>Quercetalia roboris</i>	0	2,3	0,2	0,5	1,8	2,0	1,3	2,6	4,7	0,4	3,3	3,4	4,0	3,8
<i>Tilio-Acerion</i>	0	0	0	0	<b>3,5</b>	0,1	1,7	1,3	0,3	0,1	0	0	0	0,8
<i>Aremonio-Fagion</i>	3,0	4,2	4,6	<b>8,2</b>	<b>7,1</b>	3,0	2,8	4,4	3,7	4,1	1,6	3,9	1,9	2,6
<i>Erythronio-Carpinion</i>	0	0	0	0	0,3	0,1	0,7	0,4	0	0,9	0,8	1,6	2,3	1,6
<i>Fagetalia sylvaticae</i>	1,2	5,2	2,4	3,6	<b>14,6</b>	<b>10,5</b>	<b>9,4</b>	4,4	2,6	2,7	4,1	3,1	5,1	4,6
<i>Quercu-Fagetea</i>	0	2,4	1,2	2,1	<b>5,7</b>	<b>6,2</b>	6,1	2,4	6,0	3,1	3,3	8,3	6,2	2,6
<i>Erico-Pinetea</i>	<b>18,2</b>	<b>22,9</b>	<b>27,0</b>	<b>32,2</b>	<b>17,7</b>	<b>8,3</b>	<b>11,0</b>	<b>19,4</b>	<b>25,0</b>	<b>16,4</b>	<b>14,0</b>	<b>17,6</b>	<b>7,0</b>	<b>11,6</b>
<i>Vaccinio-Piceetea</i>	0,6	2,8	4,3	7,6	<b>10,8</b>	1,8	4,5	2,1	2,3	0,7	0,8	1,8	0,5	0,8
<i>Rhamno-Prunetea</i>	0	3,0	0,4	0,5	2,0	2,7	2,8	2,6	5,5	2,5	4,9	<b>15,3</b>	9,0	5,7
<i>Trifolio-Geranietea</i>	6,1	<b>11,7</b>	4,0	1,4	2,7	<b>13,7</b>	<b>10,9</b>	<b>11,3</b>	6,8	<b>13,9</b>	<b>14,0</b>	6,2	<b>13,7</b>	<b>15,7</b>
<i>Festuco-Brometea</i>	<b>11,5</b>	<b>16,1</b>	6,6	3,3	1,9	<b>13,3</b>	<b>11,2</b>	<b>11,3</b>	<b>13,8</b>	<b>25,9</b>	<b>27,2</b>	<b>10,9</b>	<b>17,9</b>	<b>19,5</b>
<i>Elyno-Seslerietea</i>	<b>14,7</b>	4,0	4,8	3,0	<b>5,1</b>	4,4	4,1	<b>7,4</b>	4,9	<b>7,3</b>	0,8	0,5	0	1,7
<i>Epilobietea angustifolii</i>	0	0,4	0	0,2	0,4	1,5	1,2	0,1	0,7	0,6	0,8	0,8	0,5	0,6
<i>Galio-Urticetea</i>	0	0	0	0	0	0,7	0,1	0	0	0	0	0	0	0
<i>Molinio-Arrhenatheretea</i>	0	0,4	0,1	0,2	0,1	2,2	0,6	0,7	0,8	2,0	1,7	0	3	2,3
<i>Betulo-Alnetea</i>	0	0,1	2,5	1,5	2,2	0	0,2	0,7	1,3	0,1	0	0	0	0
<i>Mulgedio-Aconitetea</i>	0	0	0	0	1,2	0,4	0,6	0,3	0,2	0,2	0	0	0	1,2
<i>Thlaspietea rotundifolii</i>	<b>8,0</b>	2,9	<b>22,2</b>	<b>10,2</b>	3,5	1,4	1,2	2,2	4,3	1,7	0	0	0,3	0
<i>Asplenietea trichomanis</i>	<b>21,4</b>	2,6	4,5	4,5	<b>5,9</b>	<b>9,9</b>	<b>13,2</b>	<b>9,9</b>	0,5	5,1	0	0	1,5	0,6
Other species (Druge vrste)	0	0	0	0	0,5	0,6	0,9	0,6	0,5	0,7	2,5	1,8	1,4	0,3
Total (Skupaj)	100	100	100	100	100	100	100	100	100	100	100	100	100	100