

New community of sycamore maple in northwestern Slovenia (*Aconito paniculati-Aceretum pseudoplatanii* ass. nov.)

Igor Dakskobler¹

Key words: phytosociology, synsystematics, *Tilio-Acerion*, secondary succession, Triglav National Park, Natura 2000

Ključne besede: fitocenologija, sinsistematika, *Tilio-Acerion*, drugotna sukcesija, Triglavski narodni park, Natura 2000

Abstract

We compared and analyzed a large number of relevés of montane-subalpine maple forests in northwestern and western Slovenia, and classified most of them into the association *Lamio orvalae-Aceretum pseudoplatani*. Several relevés from the Julian Alps, which we made on debris slopes (talus) and rockfall at elevations between 940 m and 1540 m, stood out and we classified them into the new association *Aconito paniculati-Aceretum pseudoplatani* (suballiance *Lamio orvalae-Acerenion pseudoplatani*, alliance *Tilio-Acerion*). In terms of species composition (but not in terms of its sites), its stands highly resemble the stands of the upper montane-subalpine beech-maple association *Aconito paniculati-Fagetum sylvatica* (suballiance *Saxifrago rotundifolii-Fagenion sylvaticae*, alliance *Aremonio-Fagion*). The stands of both plant communities may be syndynamically connected. The article also discusses pioneer sycamore maple stands on former fields, pastures or hay meadows in the foothills of the southern Julian Alps and the Trnovo Forest Plateau, which are classified into the (for the time being) provisionally described new association *Senecio fuchsii-Aceretum pseudoplatani* nom. prov.

Izvilleček

Primerjali in analizirali smo večje število popisov gorsko-podvisokogorskih javorovih gozdov v severozahodni in zahodni Sloveniji in jih večino uvrstili v asociacije *Lamio orvalae-Aceretum pseudoplatani*. Izstopali so nekateri popisi iz Julijskih Alp, ki smo jih naredili na pobočnem grušču in podornem skalovju na nadmorski višini med 940 m in 1540 m in jih uvrščamo v novo asociacijo *Aconito paniculati-Aceretum pseudoplatani* (podzveza *Lamio orvalae-Acerenion pseudoplatani*, zveza *Tilio-Acerion*). Po vrstni sestavi, ne pa po rastiščih, so njeni sestoji najbolj podobni sestojem zgornje gorsko-podvisokogorske bukovo-javorove asociacije *Aconito paniculati-Fagetum sylvatica* (podzveza *Saxifrago rotundifolii-Fagenion sylvaticae*, zveza *Aremonio-Fagion*). Sestoji obeh združb so lahko sindinamsko povezani. V članku obravnavamo tudi pionirske sestoje gorskega javorja na nekdanjih njivah, pašnikih ali senožetih v prigorju južnih Julijskih Alp ter v Trnovskem gozdu, ki jih uvrščamo v za zdaj provizorično opisano novo asociacijo *Senecio fuchsii-Aceretum pseudoplatani* nom. prov.

Corresponding author:
Igor Dakskobler
E-mail: igor.dakskobler@zrc-sazu.si

Received: 8. 3. 2025
Accepted: 17. 10. 2025



Introduction

In Slovenia, sycamore maple (*Acer pseudoplatanus*) communities usually occur as potential natural vegetation in small areas, most often in stony or rocky gullies, in sinkholes, ravines and gorges, and on torrential fans (Zupančič, 1996, Zupančič & Žagar, 1999, Košir, 2005a,b, Košir et al., 2008, Dakskobler, 2007, Dakskobler et al., 2013a, Dakskobler & Poldini, 2022). The soil is usually colluvial-deluvial and very biologically active, rich in nitrogen. Litter decomposition is relatively fast. Stands of maple communities occur intrazonally, mainly in the beech and fir-beech zone, from the (colline) montane to the subalpine belt. Their floristic composition is very similar to the neighbouring communities, but includes more hygrophilous and nitrophilic species. Sycamore maple communities are predominantly classified into the alliance *Tilio-Acerion* (Willner, 2007; Košir et al., 2008) and they belong to the European priority habitat type 9180 **Tilio-Acerion* forests of slopes, screes and ravines, which requires special nature conservation concern (Dakskobler et al., 2013a). They are often in close spatial or syndynamic contact with beech communities from the alliance *Aremonio-Fagion*. It is not always possible to draw a clear line between forest communities; there are many transitions, and sites with moist and nitrogen-rich soils are not necessarily also the sites of communities from the alliance *Tilio-Acerion* s. lat. Certain montane and altimontane beech communities also have a higher proportion of *Acer pseudoplatanus*, *Ulmus glabra* and (or) *Fraxinus excelsior* in the upper layer (*Isopyro-Fagetum*, *Stellario montanae-Fagetum*, *Aconito paniculati-Fagetum*) – Zupančič (2012) and Dakskobler (2014). We also have to take into the account secondary successions after radical clearing, where the original forest was probably still dominated by beech, whereas the secondary forest may be equally dominated by beech and sycamore maple.

The article focuses on a large number of relevés of montane-subalpine communities of sycamore maple on calcareous bedrock from the Julian Alps and their foothills, the Karavanke Mts. and the Trnovo Forest Plateau, which have been made since 2007 and their classification.

Methods

The relevés (altogether 65) were made using the Central-European method (Braun-Blanquet, 1964) and entered into the FloVegSi database (Seliškar et al., 2003). They were arranged in tables based on hierarchical classification, unweighted average linkage clustering (UPGMA), and Wishart's similarity ratio, using the programme package SYN-TAX (Podani, 2001). Combined cover-

abundance values were converted into the ordinal scale 1 to 9 (van der Maarel, 1979). Obtained groups of relevés were compared to previously described noble hardwood communities that occur in the Illyrian beech forest zone (*Aremonio-Fagion*) and to the beech-maple community of the montane-subalpine zone (*Aconito paniculati-Fagetum*) from the Julian Alps.

The nomenclatural sources for the names of syntaxa are Šilc & Čarni (2012), Dakskobler et al. (2013a), Mucina et al. (2016) and Bončina et al. (2021). The nomenclatural sources for the names of vascular plants are Mala flora Slovenije (Martinčič et al., 2007) and the FloVegSi database. We used name *Aconitum lycotonum* subsp. *ranunculifolium* (Martinčič et al., 2007), but in other sources are mentioned another names: *A. lycoctonum* subsp. *neapolitanum* (Aeschimann et al., 2004: 130) or *A. lupicida* (Martini et al., 2023: 140–141). Martinčič (2024a, b) is nomenclatural source for the names of mosses. The moss layer (including certain lichen species) was not fully inventoried and the determination of certain less frequent species is less reliable.

The geographical coordinates of relevés are determined based on the Slovenian geographical coordinate system D 48 (zone 5) on the Bessel ellipsoid and with Gauss-Krüger projection.

Results and discussion

Using numerical classification of 65 relevés, we identified three large clusters of maple forest communities, which we consider as separate syntaxa (Figure 2).

Lamio orvalae-Aceretum pseudoplatani fraxinetosum excelsioris

Hierarchical classification of montane and subalpine maple stands from northern, northwestern and western Slovenia (Figure 1) showed two distinct clusters, with several relevés standing out from the rest (Figure 2).

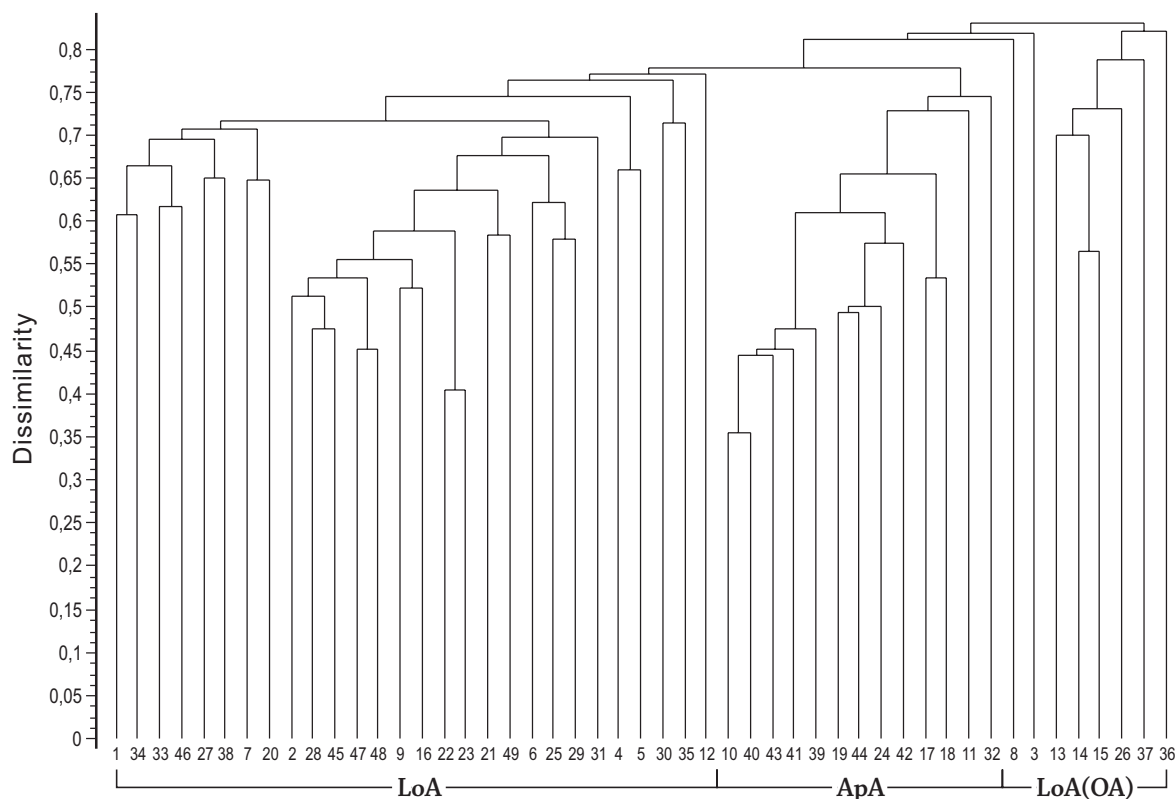
The relevés in the large cluster on the left side of the dendrogram in Figure 2 are presented in Table 1. Based on the comparison with three phytosociological tables of similar maple communities (Košir, 2005a; Dakskobler, 2007; Dakskobler & Martinčič, 2021) they are classified into the association *Lamio orvalae-Aceretum pseudoplatani* and its subassociation *fraxinetosum excelsioris* (Figure 3). The diagnostic species of the association and subassociation are present, but less frequent than in the original phytosociological table of this syntaxon (Košir, 2005a). In addition to *Fraxinus excelsior*, we propose *Aconitum degenii* subsp. *paniculatum* and *Scopolia carniolica* as the differential species of the subassociation. As our relevés



Figure 1: Approximate localities of the recorded montane and subalpine sycamore maple stands from northern, northwestern and western Slovenia.
Slika 1: Približna nahajališča popisanih sestojev gorskega javorja v gorskem in podvisokogorskem pasu severne, severozahodne in zahodne Slovenije.

provide no basis for the classification into any other association or subassociation, we find this classification the most appropriate. Košir (2005a) differentiates between two geographic variants: Alpine–northern-Dinaric (var. geogr. *Dentaria pentaphyllos*) and Dinaric (var. geogr. *Calamintha grandiflora*). The relevés from the Upper Soča Valley and the fringes of the Trnovo Forest Plateau were classified into the geographic variant *Anemone trifolia* (Dakskobler, 2007). Since Table 1 comprises differential species of two geographic variants, *Cardamine pentaphyllos* (syn. *Dentaria pentaphyllos*) and *Anemone trifolia*,

we classify these relevés into the geographic variant with *Dentaria pentaphyllos* and its subvariant with *Anemone trifolia*. We differentiate two ecological variants within the subassociation *fraxinetosum excelsioris*. The differential species of the variant with *Corylus avellana* (relevés 1–11 in Table 1) include *Ostrya carpinifolia*, *Laburnum alpinum*, *Acer platanoides*, *Brachypodium sylvaticum*, *Prenanthes purpurea*, *Prunus avium* and *Viola reichenbachiana*, and characterise a slightly more thermophilous type of this maple community. We also differentiate the subvariant with *Alnus incana* (relevés 10 and 11 in Table 1). Its



Legend (Legenda): LoA *Lamio orvalae-Aceretum pseudoplatanii*, ApA *Aconito paniculati-Aceretum pseudoplatanii*, OA *Omphalodo-Aceretum pseudoplatanii*.

Figure 2: Dendrogram of recorded forest stands with dominant *Acer pseudoplatanus* in northern, northwestern and western Slovenia (UPGMA, 1-similarity ratio).

Slika 2: Dendrogram popisanih sestojev gorskega javorja v severni, severozahodni in zahodni Sloveniji (UPGMA, 1-similarity ratio).

stands indicate the contact of colluvium and alluvium as well as a certain similarity with the stands of the association *Lamio orvalae-Alnetum incanae*. Relevés 12–25 in Table 1 are classified into a slightly more frigophilic type variant of the same subassociation, which also has several relevés with *Leucojum vernum* and *Anthriscus nitida*.

Figure 3: Stand of the subassociation *Lamio orvalae-Aceretum pseudoplatanii fraxinetosum excelsioris*, under Vratca above the Belca valley (Landscape park Zgornja Idrija), relevé 15 in Table 1. Photo: I. Dakskobler.

Slika 3: Sestoj subasociacije *Lamio orvalae-Aceretum pseudoplatanii fraxinetosum excelsioris*, pod Vratci nad dolino Belke (Krajinski park Zgornja Idrija), popis 15 v preglednici 1. Foto: I. Dakskobler.



Relevés on the right side of the dendrogram (Figure 2, Table 4) are very diverse in terms of species composition and we provisionally classified most of them (relevés 1–10) still into the association *Lamio orvalae-Aceretum pseudoplatanii*, even though we made some of them in the lower montane belt at elevations between 600 m and 750 m. Relevés 1–9 are classified into the subassociation *fraxinetosum excelsioris*, and relevés 1–6 into its variant with *Geranium robertianum*, which is characterised by a higher proportion of *Fraxinus excelsior* in the tree layer. Four relevés (1–4, subvar. *Carpinus betulus*), in which *Carpinus betulus* and *Ostrya carpinifolia* also occur in the tree layer, show certain similarity with stands of the association *Veratro nigri-Fraxinetum excelsioris* (Dakskobler, 2007). Relevé 10 is treated only at the rank of association, and relevé 11 is provisionally classified into the association *Omphalodo-Aceretum pseudoplatanii* (P. Košir, 2005b).

Aconito paniculati-Aceretum pseudoplatanii ass. nov.

Table 2 comprises 13 relevés from the large cluster to the right of the middle of the dendrogram in Figure 2. We added another relevé, namely the syntaxon *Alno viridis-Aceretum pseudoplatanii* nom. prov. from the cirque of Komar under the Dolič pass above the Zadnjica valley in Trenta (Dakskobler et al., 2013b). According to its species composition, this relevé belongs into this table, which mainly comprises relevés from the upper montane and subalpine belt in Bohinj: mountain pastures of Fužinske and Bukovske Planine (Figure 4), the Triglav Lakes Valley, under Mt. Vogel (Žagarjev graben / Žagar Gorge) and above Uskovnica mountain pasture (near

Trstje mountain pasture). Some of the relevés (6, 7, 8 and 12) were made already in the subalpine spruce and larch forest zone, near the upper beech line. The tree layer in all of these relevés is dominated by sycamore maple, frequently with individual spruce, only occasionally beech trees. The shrub layer in some of the relevés features character species of subalpine shrub communities from the class *Betulo-Alnetea viridis* (*Alnus viridis*, *Ribes alpinum*, *Sorbus chamaemespilus*, *Salix appendiculata*). We did not find *Lamium orvala* in the herb layer, which is dominated by character species of tall herbs from the class *Mulgedio-Aconitetea*. Taking into account only the species presence and absence, we can see substantial similarity with the stands of the association *Aconito paniculati-Fagetum sylvaticae* (Zupančič, 2012; phytosociological table 1, relevés 17–24), also from the Julian Alps, mainly from Spodnja Komna. According to Zupančič (2012), the character species of the association are *Rumex arifolius*, *Crepis paludosa*, *Aconitum degenii* subsp. *paniculatum*, *Salix appendiculata*, *Geranium sylvaticum*, *Aconitum lycoctonum* subsp. *ranunculiifolium* and *Senecio cacaliaster*, and its differential species are *Myrrhis odorata* and *Geum rivale*. All of the listed species are more or less frequent also in our relevés.

The cover value of sycamore maple in relevés of the association *Aconito-Fagetum* is between 2 and 5 in the tree layer, and + to 2 in the shrub layer; cover value of beech in the tree layer is + to 4, and + to 3 in the shrub layer (Zupančič, 2012). In our relevés, sycamore maple cover in the tree layer is 4 or 5, and beech cover between + and 2, but only in six out of fourteen relevés. Beech is almost completely absent from the shrub layer, but sporadically occurs at a value of + in the herb layer.

The most important difference between the stands of both similar communities are their sites. Maple stands were mainly recorded in gravelly hollows under rock walls and on rockfall (except for relevé 14, which was made on an avalanche-prone promontory between two gorges, so the stand has a low, bushy, and sabre-like growth habitus). Stoniness or rockiness is substantial across the relevés (20–70%), the soil is colluvial-deluvial, except



Figure 4: Stand of the association *Aconito paniculati-Aceretum pseudoplatanii*, Bohinj, Bukovske Planine, near the montane pasture Osredki, Silj, relevé 10 in Table 2. Photo: I. Dakskobler.

Slika 4: Sestoj asociacije *Aconito paniculati-Aceretum pseudoplatanii*, Bohinj, Bukovske planine, pri pl. Osredki, Silj, popis 10 v preglednici 2. Foto: I. Dakskobler.

for the Komar site on rendzina (relevé 14). The altitude of the localities ranges from 1210 m to 1540 m a.s.l. Relevés of *Aconito-Fagetum* were made on limestone, dolomite or dolomite limestone; the table indicates no rockiness and brown soils on limestone, rarely rendzina. The altitude of the localities ranges from 1260 m to 1500 m a.s.l. (Zupančič, 2012: 97–98 and 106–113). Our relevés therefore cannot be classified into the beech community and the two relevés from Zupančič's table (Nr. 23 and 24 in Table 1) could possibly be classified as maple stands.

Our decision to classify these relevés into a new maple community is supported also by Table 3 in present study, which comprises seven relevés of pioneer sycamore maple forests on debris slopes in the narrow gorge of Tesna under mountain pasture Bukovec and in the gorges of Bukovska Korita above it, under the rock walls of the ridges of Pihavci, Veliki Jelenk and Skutnik above the Bavšica valley, where snow avalanches are very frequent. In these stands the predominant species of the highest stand layer is sycamore maple, only occasionally with individual beech trees. These pioneer stands, whose dynamics is largely influenced by snow avalanches, partly also by torrential waters, cannot be classified into the beech community.

Since natural forest stands are classified into forest communities at the rank of association based on the dominant species in the upper stand layer, and since the studied maple and beech stands are classified into two different alliances (*Tilio-Acreion* and *Aremonio-Fagion*), or according to the criteria in Mucina et al. (2016) even into two different orders (*Aceretalia pseudoplatani* and *Fagetalia sylvaticae*), we classify the studied sycamore maple stands into the new association *Aconito paniculati-Aceretum pseudoplatani* ass. nov., hoc loco. Its nomenclatural type, *holotypus*, is relevé 9 in Table 2. Diagnostic species of the new association are *Acer pseudoplatanus*, *Aconitum lycotonum* subsp. *ranunculifolium*, *A. degenii* subsp. *paniculatum*, *Picea abies*, *Senecio cacaliaster*, *Rumex arifolius*, *Viola biflora*, *Dryopteris dilatata* and *Cystopteris montana*.

Relevé 14 in Table 2 is classified into the variant with *Lycopodium annotinum*,

where green alder (*Alnus viridis*, syn. *A. alnobetula*) has a high cover in the shrub layer.

Stands in Table 3 are classified into the variant with *Heracleum pollinianum* (syn. *H. sphondylium* subsp. *pyrenaicum*, *H. pyrenaicum* subsp. *pollinianum*) – Figure 5. Its differential species include *Angelica sylvestris*, *Festuca calva*, *Geranium macrorrhizum*, *Cirsium erisithales* and *Tephrosia crista*. We distinguish between two subvariants: subvar. *Lunaria rediviva* (pioneer stands in the bottom part of the torrential gorge Tesna – Figure 6) and subvar.



Figure 5: Stand of the variant *Aconito paniculati-Aceretum pseudoplatani* var. *Heracleum pollinianum*, the Bovec region, Bavšica valley, Bukovska Korita gorge, relevé 5 in Table 3. Photo: I. Dakskobler.

Slika 5: Sestoj variante *Aconito paniculati-Aceretum pseudoplatani* var. *Heracleum pollinianum*, Bovško, dolina Bavšice, Bukovska korita, popis 5 v preglednici 3. Foto: I. Dakskobler.



Figure 6: Tesna gorge, with stands of the subvariant *Aconito paniculati-Aceretum pseudoplatani* var. *Heracleum pollinianum* subvar. *Lunaria rediviva*. Photo: I. Dakskobler.

Slika 6: Korita Tesne, s sestoji subvariante *Aconito paniculati-Aceretum pseudoplatani* var. *Heracleum pollinianum* subvar. *Lunaria rediviva*. Foto: I. Dakskobler.

Saxifraga rotundifolia (forest stands and shrub communities on relief-based upper timberline on debris / talus in the upper spring area of the gorge Bukovska Korita (Figure 7). The complete list of differential species of both subvariants is available in Table 3.

Figure 7: Bukovska Korita gorge with stands of the subvariant *Aconito paniculati-Aceretum pseudoplatanii* var. *Heracleum pollinianum* subvar. *Saxifraga rotundifolia*. Photo: I. Dakskobler.

Slika 7: Bukovska korita s sestoji subvariante *Aconito paniculati-Aceretum pseudoplatanii* var. *Heracleum pollinianum* subvar. *Saxifraga rotundifolia*. Foto: I. Dakskobler.



Senecio fuchsii-Aceretum pseudoplatanii nom. prov.

Noble deciduous trees, in particular sycamore maple, European ash, broad-leaved lime and small-leaved lime often occur as pioneers on abandoned farmland. So far, we have studied the phytosociology of pioneer forests of European ash on flysch and marl (*Ornithogalo pyrenaici-Fraxinetum excelsioris*; Čušin & Dakskobler, 2006; Dakskobler, 2007), pioneer European ash stands on former military camps in the Karst (*Veronico sublobatae-Fraxi-*

netum excelsioris; Dakskobler, 2006), and pioneer stands of broad- and small-leaved lime in the Čepovan valley (*Lamio orvalae-Tilietum platyphylli*; Dakskobler & Poladini, 2021).

Table 5 comprises eight relevés of maple stands on former fields, pastures or hay meadows in the montane belt on marl or marl and limestone with eutric brown soil, very rarely also on limestone and colluvial-deluvial soil in western Slovenia (Figure 8). Recently, we published four relevés of a similar pioneer maple community on flysch in the submontane belt in the Brkini Hills, and classified

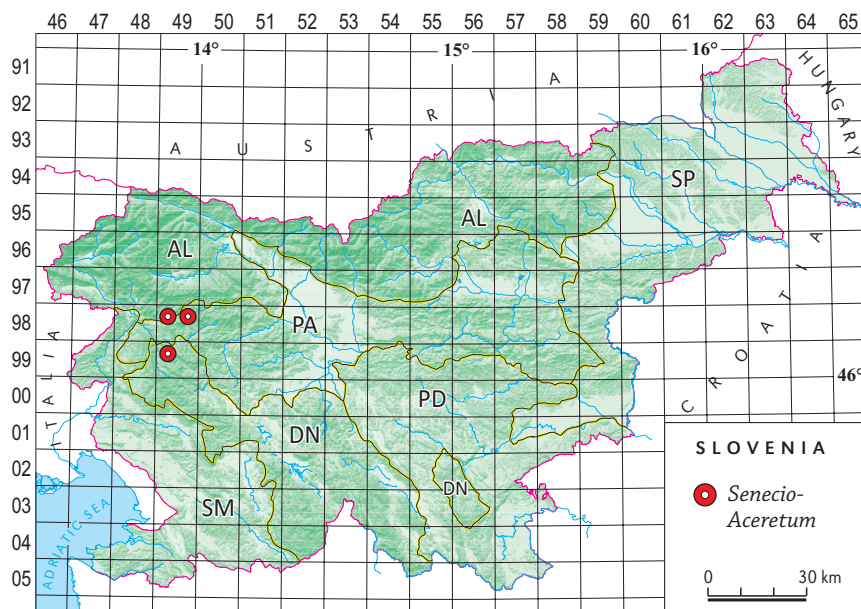


Figure 8: Approximate localities of the stands of the association *Senecio fuchsii-Aceretum pseudoplatanii* nom. prov. on the map of Slovenia.

Slika 8: Približna nahajališča sestojev asociacije *Senecio fuchsii-Aceretum pseudoplatanii* nom. prov. na zemljevidu Slovenije.



Figure 9: Stand of the association *Senecio fuchsii-Aceretum pseudoplatani* nom. prov. The Hotenja valley, V Robeh, relevé 7 in Table 5.

Photo: I. Dakskobler.

Slika 9: Sestoj asociacije *Senecio fuchsii-Aceretum pseudoplatani* nom. prov. Dolina Hotenje, V robah, popis 7 v preglednici 5. Foto: I. Dakskobler.

them into the provisional association *Ornithogalo pyrenaici-Aceretum pseudoplatani* (Dakskobler, 2024, Table 6, relevés 8–11). For comparison we publish these relevés in this paper as well (Table 6). The comparison between these two pioneer maple communities demonstrates that they cannot be classified into the same association. The potential natural vegetation in Brkini is most likely beech forest from the association *Ornithogalo pyrenaici-Fagetum sylvaticae* (in part possibly also beech forest from the association *Castaneo-Fagetum sylvaticae*), and potential vegetation on former farmland above the right bank of the Zakojca Gorge near solitary homesteads of Cemerija (Hudajužna) and Obid (Zakojca) (relevés 1–4 in Table 5) and above the mountain pasture of Koriška Planina under Kotel (relevés 5 and 6) is probably beech forest from associations *Polysticho braunii-Fagetum sylvaticae* s. lat. (partly also beech forest from associations *Lamio orvalae-Fagetum sylvaticae*, in places possibly also *Luzulo-Fagetum sylvaticae* s. lat.); above the valley of the Hotenja (by the

former homestead V Robeh, Figure 9) the potential natural vegetation is likely beech forest from the association *Arunco-Fagetum*, and on Čaven (under Mali Modrasovec) probably beech forest from the association *Ranunculo platanifolii-Fagetum*. The compared pioneer communities nevertheless share several species, but with very different cover. For the time being, we classify relevés in Table 5 into the provisional association *Senecio fuchsii-Aceretum pseudoplatani* nom. prov. To typify the new association, we would need more relevés from several different localities. For now, we selected *Acer pseudoplatanus*, *Fraxinus excelsior*, *Senecio fuchsii* (syn. *S. ovatus*), *Urtica dioica*, *Salvia glutinosa*, *Aegopodium podagraria*, *Circaea lutetiana* and *Stellaria montana* as the diagnostic species that well indicate the site conditions of these pioneer forests and in part also their origin or previous landuse.

The relevés above the Zakojca Gorge are classified into the variant with *Silene dioica*, relevés above the Koriška Planina pasture into the variant with *Alnus glutinosa* (a

more hygrophilous and acidophilic form, its differential species include *Impatiens noli-tangere*, *Matteuccia struthiopteris*, *Phegopteris connectilis* and others).

The stand above the Hotenja valley is classified into the variant with *Rhamnus fallax*. Its differential species include several other character species of the alliance *Aremonio-Fagion* and order *Fagetalia sylvaticae*, as well as *Veratrum album* subsp. *lobelinaum*, *Colchicum autumnale* and *Ophioglossum vulgatum* (pioneer sycamore maple stands with dominant *Veratrum lobelinaum* in herb layer on former hay meadows were recently observed also under the Kolovrat ridge above the Soča Valley between Kobarid and Tolmin).

The stand on Čaven is classified into the variant with *Angelica sylvestris*, the differential species include *Deschampsia cespitosa*, *Laserpitium latifolium*, *Lilium bulbiferum*, *Arabis turrita*, *Aconitum degenii* subsp. *paniculatum* and *Peucedanum schottii*.

Based on the dominant species in the upper stand layer we provisionally classify the provisionally described new association into the alliance *Tilio-Acerion*, even though its floristic composition is not typical for the communities from this alliance, and the potential natural vegetation on these sites are mostly different (sub)montane beech communities from the alliance *Aremonio-Fagion*.

Classification of studied communities into the syntaxonomical system

Quercus-Fagetea Br.-Bl. & Vlieg. 1937 (*Carpino-Fagetea* Passarge et Hofmann 1968)

Fagetalia sylvaticae Walas 1933

Tilio-Acerion Klika 1955

Lamio orvalae-Acerion pseudoplatani P. Košir, Čarni & Di Pietro 2008

Omphalodo vernaie-Aceretum pseudoplatani P. Košir et Marinček 1999

Lamio orvalae-Aceretum pseudoplatani P. Košir et Marinček 1999

fraxinetosum excelsioris P. Košir 2005

Aconito paniculati-Aceretum pseudoplatani ass. nov. (incl. *Alno viridis-Aceretum pseudoplatani* Dakskobler, Rozman & Seliškar 2013 nom. prov.)

Senecio fuchsii-Aceretum pseudoplatani nom. prov.

Ornithogalo pyrenaici-Aceretum pseudoplatani Dakskobler 2024 nom. prov.

According to Mucina et al. (2016), the studied communities belong to the order *Aceretalia pseudoplatani* Moor 1976 and the alliance *Tilio-Acerion* Klika 1955.

Conclusions

In the upper montane and subalpine zones of the Julian Alps, in Bohinj and the Bovec region (the valleys of Bavšica and Trenta) we inventoried the stands of sycamore maple on talus or rockfall, in hollows and narrow torrential gorges, and classified them into the new association *Aconito paniculati-Aceretum pseudoplatani*. Even though these stands are limited to small areas and for now their development is influenced only by natural factors, they deserve attention because they belong to the European priority habitat type 9180 **Tilio-Acerion* forests of slopes, screes and ravines, which requires special nature conservation concern. A forest community with similar species composition (*Aconito paniculati-Fagetum sylvaticae*) has already been described at the same altitudinal belt at Spodnja Komna in the Triglav National Park; in this community beech and sycamore maple have near equal cover; its sites are less stony or rocky, and the soil is chromic cambisol or rendzina. These two, syntaxonomically similar forest communities belong to two different alliances (*Tilio-Acerion* and *Aremonio-Fagion*), and in terms of forest site typology (Kutnar et al., 2012; Bončina et al., 2021) to two forest site types (Montane–upper montane sycamore maple forests with wych elm, and Beech forests with *Isopyrum thalictroides* and sycamore maple-beech forest). We propose a correction to the first forest site type name: Montane-subalpine sycamore maple forests with wych elm.

We supplemented the knowledge of montane-upper montane maple forests (*Lamio orvalae-Aceretum pseudoplatani*). Our description of the being only provisional association *Senecio fuchsii-Aceretum pseudoplatani* supplements the knowledge of pioneer noble hardwood forests on abandoned farmland. Its stands were found in the Bača valley, on former fields above the Zakojca Gorge (between Hudajužna and Zakojca) and between the mountain pasture of Koriška Planina and Kotel (where the geological bedrock is marlstone or marlstone and limestone, and the soil is eutric), above the Hotenja valley (the geological bedrock is dolomite and marlstone, the soil is chromic cambisol) and on the Trnovo Forest Plateau (Čaven, Mali Modrasovec), where the geological bedrock is limestone, and the soil is colluvial-deluvial. In terms of syntaxonomy, this secondary maple community is provisionally classified into the alliance *Tilio-Acerion*, and in terms of forest site typology into the forest site type Montane-subalpine sycamore maple forests with wych elm, since their potential natural vegetation belongs to different beech communities and different forest site types.

Povzetek

V zgornjem gorskem in podvisokogorskem pasu v Julijskih Alpah, v Bohinju in na Bovškem (dolini Bavšice in Trente) smo popisali sestoje gorskega javorja na pobočnem grušču ali podornem skalovju, v kotanjah in ozkih hudourniških grapah in jih uvrstili v novo asociacijo *Aconito paniculati-Aceretum pseudoplatanii*, ki je novost v rastju Triglavskega narodnega parka. Čeprav so ti sestoji omejeni na majhne površine in za zdaj na njihov razvoj vplivajo le naravni dejavniki, so vredni naše pozornosti, saj sodijo v evropski prednostni habitatni tip 9180 *Javorjevi gozdovi v grapah in na pobočnih gruščih (*Tilio-Acerion*), za katerega je predvidena posebna naravovarstvena skrb. V Triglavskem narodnem parku, na Spodnji Komni, je bila v istem višinskem pasu že opisana po vrstni sestavi podobna gozdna združba (*Aconito paniculati-Fagetum sylvaticae*), v kateri pa sta v drevesni plasti bukev in gorski javor precej enakovredna in njena rastišča so nekoliko drugačna (geološka podlaga je dolomitni apnenec, tla so rjava pokarbonatna ali rendzina). V sintaksonomskem smislu dve sicer podobni gozdni združbi pripadata dvema različnima zvezama (*Tilio-Acerion* in *Aremonio-Fagion*), v smislu tipologije gozdnih rastišč (Kutnar et al., 2012, Bončina et al., 2021) pa v dva gozdna rastiščna tipa (Gorsko-zgornjegorsko javorovje z brestom in Bukovje s polžarko in javorovo bukovje). Za prvi gozdni rastiščni tip predlagamo popravek imena: Gorsko-podvisokogorsko javorovje z brestom.

Dopolnili smo vedenje o gorsko-zgornjegorskem javorovju (*Lamio orvalae-Aceretum pseudoplatanii*) in o pionirskih gozdovih plemenitih listavcev na opuščeni kmetijskih površinah, z opisom za zdaj le provizorične asociacije *Senecio fuchsii-Aceretum pseudoplatanii*. Njene sestoje smo našli v Baški dolini, na nekdanjih njivah nad Zakojško grapo (med Hudajužno in Zakojco) ter med Koriško planino in Kotlom (kjer je geološka podlaga laporovec ali laporovec in apnenec, tla pa evtrična), nad dolino Hotenje (geološka podlaga dolomit in laporovec, tla rjava pokarbonatna) in v Trnovskem gozdu (Čaven, Mali Modrasovec), kjer je geološka podlaga apnenec, tla pa koluvialno-deluvialna. V sintaksonomskem smislu to drugotno javorovo združbo za zdaj uvrščamo v zvezo *Tilio-Acerion*, v smislu tipologije gozdnih rastišč pa v gozdni rastiščni tip Gorsko-podvisokogorsko javorovje z brestom, saj njihova potencialno-naravna vegetacija pripada različnim bukovim združbam in gozdnim rastiščnim tipom.

Acknowledgements

The co-authors of some of the relevés published herein are Doc. Dr. Andrej Rozman, Branko Zupan and Ivan Veber. Prof. Dr. Jean-Paul Theurillat, Mag. Andrej Podobnik and Prof. Dr. Sead Vojniković kindly helped me with their advice and opinion in the description of the new sycamore maple community. Iztok Sajko prepared Figures 1, 2 and 8 for print. Doc. Dr. Lado Kutnar, anonymous reviewer and Assoc. Prof. Dr. Urban Šilc valuable improved and corrected the text. The paper received the financial support of the Slovenian Research and Innovation Agency (programme P1-0236) and the LIFE-IP NATURA.SI project (LIFE17 IPE/SI/000011), co-financed by the European Union from the LIFE programme funds, the Ministry of Natural Resources and Spatial Planning, and project partners. English translation by Andreja Šalamon Verbič.

Research data availability

The data analysed during this study are available from the corresponding author upon reasonable request.

References

- Aeschmann, D., Lauber, K., Moser, D. M., & Theurillat, J.-P. (2004). *Flora alpina*. Bd. 1, Haupt Verlag.
- Bončina, A., Rozman, A., Dakskobler, I., Klopčič, M., Babij, V., & Poljanec, A. (2021). Gozdni rastišni tipi Slovenije: vegetacijske, sestojne in upravljaljske značilnosti. Oddelek za gozdarstvo in obnovljive gozdne vire Biotehniške fakultete: Zavod za gozdove Slovenije, Ljubljana.
- Braun-Blanquet, J. (1964). *Pflanzensoziologie. Grundzüge der Vegetationskunde*. 3. Auflage. Springer Verlag.
- Čušin, B., & Dakskobler, I. (2006). Phytosociological analysis of pioneer woods on abandoned meadows in the Breginjski kot (western Slovenia). *Hacquetia*, 5(2), 177–191.
- Dakskobler, I., & Martinčič, A. (2021). Botanične posebnosti Prodarjeve grape v zgornji Baški dolini (zahodna Slovenija). *Folia biologica et geologica*, 62(1), 161–200.
- Dakskobler, I., & Poldini, L. (2021). Phytosociological analysis of noble hardwood forests (*Ostrya-Tiliænia platyphylla*) in the Karst and its neighbouring regions (SW Slovenia). *Hacquetia*, 20(2), 327–372. <https://doi.org/10.2478/hacq-2021-0015>
- Dakskobler, I. (2006). Prispevek k poznavanju gozdne vegetacije Krasa (jugozahodna Slovenija). *Annales, Ser. hist. nat.*, 16(1), 57–76.
- Dakskobler, I. (2007). Gozdovi plemenitih listavcev v Posočju. Forest of valuable broad-leaved tree species in the Soča Valley (western Slovenia). *Scopolia*, 60, 1–287.
- Dakskobler, I. (2014). Phytosociological description of altimontane beech forest on the southeastern edge of the Trnovski gozd and Nanos plateaus (southwestern Slovenia). *Folia biologica et geologica*, 55(2), 5–59.
- Dakskobler, I. (2024). Nekatere značilnosti rastja in rastlinstva v dolini Suhorice v Brkinih (jugozahodna Slovenija). *Folia biologica et geologica*, 65(2), 95–165.
- Dakskobler, I., Košir, P., & Kutnar, L. (2013a). Gozdovi plemenitih listavcev v Sloveniji. Združbe gorskega javorja, gorskega bresta, velikega jesena, ostrolistnega javorja, lipe in lipovca. *Silva Slovenica in Zveza gozdarskih društev*, Ljubljana.
- Dakskobler, I., Rozman, A., & Seliškar, A. (2013b). Forest and scrub communities with green alder (*Alnus viridis*) in Slovenia. *Hacquetia*, 12(2), 95–185.
- Košir, P. (2005a). Noble hardwood forests of the altimontane belt (*Lamio orvalae-Aceretum pseudoplatani* P. Košir et Marinček 1999) in Slovenia (western part of the Illyrian floral province). *Natura Croatica*, 14(2), 59–86.
- Košir, P. (2005b). Maple forests of the montane belt in the western part of the Illyrian floral province. *Hacquetia*, 4(2), 37–82.
- Košir, P., Čarni, A., & Di Pietro, R. (2008). Classification and phytogeographical differentiation of broad-leaved ravine forests in southeastern Europe. *Journal of Vegetation Science*, 19(3), 331–342. <https://doi.org/10.3170/2008-8-18372>
- Kutnar, L., Veselič, Ž., Dakskobler, I., & Robič, D. (2012). Tipologija gozdnih rastišč Slovenije na podlagi ekoloških in vegetacijskih razmer za potrebe usmerjanja razvoja gozdov. *Gozdarski vestnik*, 70(4), 195–214.
- Maarel van der, E. (1979). Transformation of cover-abundance values in phytosociology and its effects on community similarity. *Vegetatio*, 39(2), 97–114. <https://doi.org/10.1007/BF00052021>
- Martinčič, A. (2024a). New checklist and the Red list of the mosses (Bryophyta) of Slovenia. *Hacquetia*, 23(1), 69–118. <https://doi.org/10.2478/hacq-2023-0006>.
- Martinčič, A. (2024b). New checklist and the Red list of the hornworts (Anthocerotophyta) and liverworts (Marchantiophyta) of Slovenia. *Hacquetia*, 23(2), 175–197. <https://doi.org/10.2478/hacq-2023-0013>
- Martinčič, A., Wraber, T., Jogan, N., Podobnik, A., Turk, B., Vreš, B., Ravnik, V., Frajman, B., Strgulc Krajšek, S., Trčak, B., Bačič, T., Fischer, M. A., Eler, K., & Surina, B. (2007). Mala flora Slovenije. Ključ za določanje praprotnic in semen. Četrta, dopolnjena in spremenjena izdaja. Tehniška založba Slovenije, Ljubljana.
- Martini, F., Bertani, G., Boscutti, F., Bruna, A., Danelutto, A., Pavan R., & Peruzovich, C. (2023). Flora del Friuli Venezia Giulia. Repertorio critico diacronico e atlante corologico. Forum, Udine.
- Mucina, L., Bültmann, H., Dierßen, K., Theurillat, J.-P., Raus, T., Čarni, A., Šumberová, K., Willner, W., Dengler, J., Gavilán García, R., Chytrý, M., Hájek, M., Di Pietro, R., Iakushenko, D., Pallas, J., Daniëls, F. J. A., Bergmeier, E., Santos Guerra, A., Ermakov, N., Valachovič, M., Schaminée, J. H. J., Lysenko, T., Didukh, Y. P., Pignatti, S., Rodwell, J. S., Capelo, J., Weber, H. E., Solomeshch, A., Dimopoulos, P., Aguiar, C., Hennekens, S. M., & Tichý, L. (2016). Vegetation of Europe: hierarchical floristic classification system of vascular plant, bryophyte, lichen, and algal communities. *Applied Vegetation Science*, 19, Supplement 1, 3–264. <https://doi.org/10.1111/avsc.12257>
- Podani, J. (2001). SYN-TAX 2000. Computer Programs for Data Analysis in Ecology and Systematics. User's Manual, Budapest.
- Seliškar, T., Vreš, B., & Seliškar, A. (2003). FloVegSi 2.0. Fauna, Flora, Vegetation and Paleovegetation of Slovenia. Computer programme for arranging and analysis of biological data. Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Biology.
- Šilc, U., & Čarni, A. (2012). Conspectus of vegetation syntaxa in Slovenia. *Hacquetia*, 11(1), 113–164.
- Willner, W. (2007). *Tilio-Acerion* Klika 1955. In: Willner, W., & Grabherr, G. (eds.): Die Wälder und Gebüsche Österreichs. Ein Bestimmungswerk mit Tabellen. 1. Textband (pp. 127–136). Spektrum Akademischer Verlag in Elsevier, Heidelberg.
- Zupančič, M., & Žagar, V. (1999). Asociacija *Arunco-Aceretum* Moor 1952 v severovzhodni Sloveniji. *Razprave 4. razreda SAZU*, 40(9), 315–361.
- Zupančič, M. (1996). European maple association in Slovenia (*Corydalo cavae-Aceretum pseudoplatani* Moor 1938). *Razprave 4. razreda SAZU*, 37(8), 189–205.
- Zupančič, M. (2012). Syntaxonomic problems of altimontane beech forests of the alliance *Aremonio-Fagion* in Slovenia. *Folia biologica et geologica*, 53(1–2), 83–127.

Table 1 (Tabela 1): *Lamio orvalae-Aceretum pseudoplatanii fraxinetosum excelsioris*

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Fr.
Number of relevé (Zaporedna številka popisa)																										
Database number of relevé (Številka popisa v podatkovni bazi)																										
Altitude in m (Nadmorska višina v m)																										
Aspect (Lega)																										
Slope in degrees (Nagib v stopinjah)																										
Parent material (Matična podlaga)																										
Soil type (Talni tip)																										
Stoniness in % (Kamnitost v %)																										
Cover in % (Zastiranje v %)																										
Upper tree layer (Zgornja drevesna plast)	E3b	80	80	80	80	80	80	70	50	70	80	80	80	80	80	70	80	80	90	80	70	80	80	80	80	80
Lower tree layer (Spodnja drevesna plast)	E3a	10	10	20	10	10	10	10	10	10	5	5	10	10	10	5	10	5	1	1	10	20	20	1	10	10
Shrub layer (Grmovna plast)	E2	5	1	5	10	20	5	20	10	20	30	5	10	5	10	5	10	10	10	90	60	70	60	70	50	90
Herb layer (Zeliščna plast)	E1	70	60	95	80	60	40	60	60	60	90	70	90	90	90	80	80	80	50	90	70	60	70	50	90	
Moss layer (Mahovna plast)	E0	10	20	10	10	10	10	10	10	20	5	10	20	5	10	20	10	20	10	10	40	60	10	10	5	
Maximum tree diameter (Maksimalni premer dreves)	cm	40	35	40	40	30	40	25	40	25	60	35	40	45	50	45	30	60	17	30	40	40	45	35	60	
Maximum tree height (Maksimalna višina dreves)	m	25	24	26	26	27	25	19	18	25	22	24	30	22	26	25	18	20	40	17	24	25	24	22	24	
Number of species (Število vrst)	41	30	36	63	63	49	60	54	56	55	70	49	56	42	55	35	49	41	39	33	59	39	37	36	49	
Relevé area (Velikost popisne ploskve)	m²	400	200	400	200	400	400	200	200	200	200	200	400	400	400	400	100	200	400	200	400	400	400	200	400	
Date of taking relevé (Datum popisa)	5/22/2008	5/8/2008	4/21/2016	5/8/2007	6/14/2017	5/17/2017	5/13/2022	5/13/2015	6/3/2020	5/21/2009	5/23/2014	5/8/2007	5/27/2016	9/12/2022	6/29/2023	6/29/2023	6/29/2023	7/8/2013	6/18/2014	6/18/2014	5/23/2014	5/18/2023	4/24/2008	8/10/2015	7/12/2016	
Locality (Nahajališče)	Črvov vrh	Izgora	Mzlica-Slapišče	Črna draga-Belca	Vojč	Kacempoh	Batava	Javorca-Rdeči rob	Kozjek	Slatenik	Draga-Medvodlje	Črna draga-Belca	Špič	Varca-Črna draga	Varca-Belca	Varca-Belca	Špičnokova grapa	Brkovnik	Sortež	Potežle	Draga-Medvodlje	Slejkov vrh	Matajur-Bant	Polovnik-Slatenik	Ostrečki-Vrtače	
Quadrant (Srednjeevropski kvadrant)																										
Coordinates (Koordinate) GK Y (D-48)	5111695	5136963	5120692	5093496	5132299	5120990	5118346	5123149	5105414	5130127	5140219	5093780	5087524	5093121	5093302	5093354	5117120	5086850	5089721	5090120	5140540	5089380	5120462	5130098	5122771	
Coordinates (Koordinate) GK X (D-48)	412471	392607	397868	416153	413710	420121	421500	400655	408459	391918	441579	415976	424939	415786	415960	416010	421052	423737	416770	417039	441897	408433	390118	391170	417010	

Number of relevé (Zaporedna številka popisa)																												
12345678910111213141516171819202122232425Pr.Fr.																												
Diagnostic species of the association (Diagnostične vrste asociacije)																												
TA	<i>Acer pseudoplatanus</i>	E3b	1	4	4	2	4	4	3	3	2	4	5	3	3	4	3	4	4	4	5	4	3	3	+	3	25	100
TA	<i>Acer pseudoplatanus</i>	E3a	1	+	1	+	1	+	1	+	1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	13	52
TA	<i>Acer pseudoplatanus</i>	E2	.	.	+	+	.	.	+	2	+	.	.	1	1	.	.	.	.	.	+	.	.	.	.	.	8	32
TA	<i>Acer pseudoplatanus</i>	E1	+	1	.	.	+	.	1	+	+	+	+	+	1	1	+	1	+	1	+	1	.	.	1	16	64	
AF	<i>Lamium orula</i>	E1	.	.	1	2	2	+	2	3	2	2	+	+	3	2	1	1	+	1	1	1	1	1	1	18	72	
MuA	<i>Polygonatum verticillatum</i>	E1	.	.	.	+	1	.	.	.	.	.	+	.	+	+	.	+	+	.	.	.	.	+	2	9	36	
MuA	<i>Saxifraga rotundifolia</i>	E1	.	.	.	+	.	.	.	1	.	.	.	.	+	+	.	+	1	1	+	+	+	+	+	9	36	
MuA	<i>Stellaria nemorum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	3	12		
MuA	<i>Ranunculus platanifolius</i>	E1	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	4	16		
TR	<i>Adenostyles glabra</i>	E1	.	.	.	.	.	.	+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	4	16	
TR	<i>Arabis alpina</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	4	
Differential species of the geographical variant (Razlikovalne vrste geografske variante)																												
FS	<i>Cardamine pentaphyllos</i>	E1	2	.	.	.	.	.	+	1	2	+	.	.	3	.	.	.	1	1	1	4	.	3	3	.	12	48
AF	<i>Anemone trifolia</i>	E1	.	1	.	.	+	.	.	+	1	1	.	.	.	.	.	.	.	.	.	.	1	+	+	9	36	
Differential species of the subassociation (Razlikovalne vrste subasociacije)																												
FS	<i>Fraxinus excelsior</i>	E3b	3	1	+	3	2	.	1	1	.	.	.	1	1	.	2	.	.	1	.	.	3	3	3	14	56	
FS	<i>Fraxinus excelsior</i>	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	+	2	8	
FS	<i>Fraxinus excelsior</i>	E2	.	.	+	+	.	.	.	+	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	5	20	
FS	<i>Fraxinus excelsior</i>	E1	+	1	+	.	1	+	+	+	.	.	.	+	1	1	1	.	.	.	.	.	1	1	13	52		
MuA	<i>Aconitum degennii</i> subsp. <i>paniculatum</i>	E1	+	.	.	1	+	.	+	2	1	.	.	+	1	1	+	.	+	.	+	.	.	.	.	12	48	
AF	<i>Scopolia carniolica</i>	E1	.	.	.	2	3	.	+	.	.	.	.	2	2	.	2	3	3	4	.	.	.	.	.	9	36	
Differential species of the ecological variant (Razlikovalne vrste ekološke variante)																												
QF	<i>Corylus avellana</i>	E3a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
QF	<i>Corylus avellana</i>	E2b	+	r	+	2	.	1	+	2	+	2	.	.	.	.	.	.	.	.	.	.	.	.	.	10	40	
QF	<i>Corylus avellana</i>	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8	
QP	<i>Ostrya carpinifolia</i>	E3b	+	.	.	.	.	1	1	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	5	20	
FS	<i>Brachypodium sylvaticum</i>	E1	.	.	+	.	1	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	20	
TA	<i>Acer platanoides</i>	E3	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4		
TA	<i>Acer platanoides</i>	E1	+	.	.	.	+	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	16		
FS	<i>Prenanthes purpurea</i>	E1	.	.	.	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	16		
FS	<i>Laburnum alpinum</i>	E3	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12		
FS	<i>Laburnum alpinum</i>	E2	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8		
FS	<i>Sanicula europaea</i>	E1	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12		
FS	<i>Prunus avium</i>	E3b	.	.	r	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8		
FS	<i>Viola reichenbachiana</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8		
TA	<i>Asperula taurina</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4		

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	24	25	Pr.	Fr.
AI	<i>Alnus incana</i>	E3	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
AI	<i>Alnus incana</i>	E2a	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AI	<i>Alnus incana</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AI	<i>Lysimachia nemorum</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
LoA	<i>Lamio orvalae-Acerenion psudoplatani</i>																											
	<i>Lunaria rediviva</i>	E1	.	.	4	2	3	2	.	2	3	+	+	3	4	4	2	3	2	4	3	5	3	4	3	3	22	88
	<i>Stellaria montana</i>	E1	.	1	1	+	.	+	+	.	+	1	1	2	1	2	1	1	1	+	1	3	.	.	.	.	17	68
	<i>Polystichum braunii</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	+	.	.	.	1	+	5	20
	<i>Leucogojum vernum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	4	1	.	.	.	.	5	20
	<i>Doronicum austriacum</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	3	12
	<i>Anthriscus nitida</i>	E1	.	.	.	.	.	.	.	.	.	.	1	1	1	.	.	.	.	.	.	.	.	.	.	.	3	12
TA	<i>Tilio-Acerion</i>																											
	<i>Polystichum aculeatum</i>	E1	1	.	+	+	+	.	.	1	+	+	+	1	2	1	.	+	+	.	.	+	1	.	.	+	18	72
	<i>Geranium robertianum</i>	E1	+	.	+	1	.	.	1	1	1	.	+	+	2	+	+	1	1	1	1	.	2	.	+	.	17	68
	<i>Adoxa moschatellina</i>	E1	1	1	1	.	.	.	+	.	.	+	+	+	+	+	+	+	+	1	1	1	1	1	1	1	16	64
	<i>Sambucus nigra</i>	E2b	.	.	1	+	.	+	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	6	24
	<i>Sambucus nigra</i>	E2a	.	.	.	+	+	.	.	+	+	+	+	+	+	+	+	+	+	+	.	.	+	+	+	.	14	56
	<i>Phyllitis scolopendrium</i>	E1	1	.	1	.	1	.	.	.	1	.	+	1	.	.	.	+	1	+	+	+	.	.	.	.	11	44
	<i>Arum maculatum</i>	E1	.	.	1	.	.	.	1	.	.	.	+	1	.	.	.	1	1	1	1	+	.	.	1	.	9	36
	<i>Chrysosplenium alternifolium</i>	E1	.	.	.	.	.	.	.	.	+	.	+	1	1	+	+	.	.	.	.	.	+	1	.	+	9	36
	<i>Ulmus glabra</i>	E3	.	.	2	.	.	.	.	.	.	.	2	1	1	1	1	.	.	.	.	.	.	.	.	.	5	20
	<i>Ulmus glabra</i>	E2	.	.	.	+	1	.	+	.	.	+	+	.	.	+	+	.	.	.	.	+	.	.	.	.	7	28
	<i>Ulmus glabra</i>	E1	.	.	.	+	.	+	.	.	.	+	+	+	.	+	+	.	.	.	.	+	.	.	.	.	7	28
	<i>Aruncus dioicus</i>	E1	.	.	.	+	.	.	.	.	.	.	.	1	+	.	.	+	.	.	.	.	.	.	.	.	5	20
	<i>Dryopteris affinis</i>	E1	.	.	.	+	.	.	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	24
	<i>Tilia platyphyllos</i>	E3	r	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4	16
	<i>Tilia platyphyllos</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	<i>Thalictrum aquilegifolium</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	1	.	.	+	.	.	.	.	.	.	.	.	4	16
	<i>Polystichum x luerssenii</i>	E1	.	.	.	.	.	.	.	.	+	.	+	.	.	+	.	.	1	.	.	.	.	.	.	.	4	16
	<i>Campanula latifolia</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	3	12
	<i>Corydalis solida</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	+	.	.	.	.	3	12
	<i>Euonymus latifolius</i>	E2	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Dryopteris x tavetii</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Isopyrum thalictroides</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Tilia condata</i>	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	4
	<i>Scrophularia vernalis</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Tilia x vulgaris</i>	E3	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4

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	24	25	Pr.	Fr.	
AI	<i>Tilia x vulgaris</i>	E2b	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Alnion incanae</i>																											
	<i>Cardamine impatiens</i>	E1	.	+	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	7	28
	<i>Impatiens noli-tangere</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	2	+	.	.	.	.	.	.	.	.	.	.	4	16
	<i>Dryopteris carthusiana</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	3	12
EC	<i>Erythronio-Carpinion</i>																											
	<i>Primula vulgaris</i>	E1	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	4	16
	<i>Helleborus odorus</i>	E1	+	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	4	16
	<i>Crocus vernus</i> subsp. <i>vernus</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	8
	<i>Galanthus nivalis</i>	E1	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
AF	<i>Ornithogalum pyrenaicum</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Aremonio-Fagion</i>																											
	<i>Cradamine enneaphyllos</i>	E1	2	2	2	1	+	1	+	1	+	+	.	.	2	1	1	1	2	1	.	2	2	+	+	23	92	
	<i>Cardamine trifolia</i>	E1	.	.	.	1	.	+	.	1	+	+	.	.	+	.	+	.	.	.	.	1	.	+	.	.	10	40
	<i>Cyclamen purpurascens</i>	E1	+	.	.	.	+	+	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	7	28
FS	<i>Rhamnus fallax</i>	E2	.	.	.	+	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	4	16
	<i>Rhamnus fallax</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Omphalodes verna</i>	E1	.	.	.	+	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	<i>Hacquetia epipactis</i>	E1	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	<i>Euphorbia carniolica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Vicia oroboides</i>	E1	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Helleborus niger</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Geranium nodosum</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Fagetalia sylvaticae</i>																											
	<i>Dryopteris filix-mas</i>	E1	1	+	1	1	1	+	+	1	+	1	2	2	2	1	1	1	3	1	2	+	+	+	1	3	25	100
	<i>Fagus sylvatica</i>	E3b	2	1	.	.	+	+	.	+	.	r	+	2	1	1	3	1	2	+	1	r	+	+	.	1	20	80
	<i>Fagus sylvatica</i>	E3a	+	1	+	+	.	.	.	.	+	.	+	.	+	.	.	+	.	+	.	.	.	.	+	+	11	44
	<i>Fagus sylvatica</i>	E2b	.	+	.	+	+	.	.	.	.	.	.	+	+	+	.	.	+	.	.	.	.	.	.	.	7	28
	<i>Fagus sylvatica</i>	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	2	8
	<i>Fagus sylvatica</i>	E1	+	.	.	.	.	.	1	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	+	.	6	24
<i>Galeobdolon flavidum</i>	E1	.	.	.	+	1	1	1	1	1	.	1	+	1	1	.	+	+	+	+	1	.	+	1	19	76		
<i>Cardamine bulbifera</i>	E1	1	2	2	+	2	1	1	+	.	1	1	+	.	1	1	+	1	1	+	1	.	.	+	19	76		
<i>Mercurialis perennis</i>	E1	+	+	+	.	1	1	1	1	.	1	1	.	1	.	.	+	1	.	.	+	+	+	+	1	17	68	
<i>Mycelis muralis</i>	E1	.	.	.	+	+	+	+	.	+	.	.	+	1	1	+	1	.	+	.	+	+	+	+	1	16	64	
<i>Paris quadrifolia</i>	E1	+	+	.	+	1	.	.	.	.	+	1	.	.	+	+	.	.	+	+	+	+	+	+	+	16	64	
<i>Actaea spicata</i>	E1	+	+	.	.	.	.	+	.	+	.	+	+	+	1	+	+	+	+	+	+	+	+	.	+	15	60	
<i>Symphytum tuberosum</i>	E1	.	.	.	+	+	1	1	1	.	.	+	1	+	1	.	+	.	.	.	.	.	.	.	.	12	48	

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	24	25	Pr.	Fr.
<i>Salvia glutinosa</i>		E1	.	.	+	+	1	1	+	+	+	+	+	.	.	+	.	+	.	.	.	.	.	.	+	.	12	48
<i>Polygonatum multiflorum</i>		E1	+	.	+	+	.	+	.	.	.	.	+	+	.	.	.	+	.	.	.	+	.	+	.	.	11	44
<i>Daphne mezereum</i>		E2a	.	.	+	.	+	+	+	.	.	.	.	.	.	.	+	.	.	.	.	+	.	+	.	.	10	40
<i>Corydalis cava</i>		E1	.	.	.	.	.	.	.	.	.	.	2	+	1	.	.	1	+	3	1	1	.	1	.	.	10	40
<i>Petasites albus</i>		E1	.	.	+	3	.	+	.	.	2	1	+	+	1	.	.	.	.	.	.	+	.	.	.	.	9	36
<i>Galium laevigatum</i>		E1	.	.	.	+	.	+	+	1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	8	32
<i>Scrophularia nodosa</i>		E1	.	.	.	.	.	.	.	.	.	.	.	+	+	1	1	.	.	.	+	.	+	.	.	.	8	32
<i>Asarum europaeum</i> subsp. <i>caucasicum</i>		E1	.	.	+	.	.	+	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	8	32
<i>Epilobium montanum</i>		E1	.	.	.	.	.	.	.	.	.	.	.	1	+	+	+	.	.	.	+	.	.	.	.	.	7	28
<i>Myosotis sylvatica</i> agg.		E1	.	.	.	.	.	.	+	.	.	+	+	.	.	.	.	.	1	.	.	+	.	.	.	.	6	24
<i>Ranunculus lanuginosus</i>		E1	.	.	.	.	.	.	.	.	.	.	+	+	2	.	.	.	.	.	.	.	.	.	.	.	6	24
<i>Campanula trachelium</i>		E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	4	16
<i>Galium odoratum</i>		E1	.	.	.	.	+	1	.	.	.	.	.	.	.	+	.	.	.	.	1	.	.	.	.	.	4	16
<i>Lilium martagon</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	4	16
<i>Euphorbia dulcis</i>		E1	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	4	16
<i>Lathyrus vernus</i>		E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	3	12
<i>Pulmonaria officinalis</i>		E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
<i>Poa nemoralis</i>		E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	3	12
<i>Allium ursinum</i>		E1	.	.	.	.	.	.	.	.	4	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	3	12
<i>Luzula nivea</i>		E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	2	8
<i>Circaea lutetiana</i>		E1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	2	8
<i>Melica nutans</i>		E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
<i>Heracleum sphondylium</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
<i>Phyteuma spicatum</i> subsp. <i>coeruleum</i>		E1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
<i>Lonicera alpigena</i>		E2a	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	2	8
<i>Carex sylvatica</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	2	8
<i>Euphorbia amygdaloides</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Neottia nidus-avis</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	4
<i>Festuca altissima</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	4
Quercetalia pubescenti-petraeae																												
<i>Convallaria majalis</i>		E1	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Anabis turrita</i>		E1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	8
<i>Fraxinus ornus</i>		E3a	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Sorbus aria</i> (<i>Aria edulis</i>)		E3b	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
<i>Fraxinus ornus</i>		E2b	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
Quercetalia roboris																												
<i>Rubus hirtus</i>		E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4

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	24	25	Pr.	Fr.	
QF	<i>Veronica montana</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	2	8
	Quercus-Fageteta																											
	<i>Anemone nemorosa</i>	E1	1	.	.	+	1	+	.	.	1	+	.	.	1	.	+	1	.	+	.	+	+	.	.	13	52	
	<i>Lonitica xylosteum</i>	E2	.	.	.	+	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	5	20	
	<i>Carex digitata</i>	E1	.	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	5	20	
	<i>Aegopodium podagraria</i>	E1	.	.	2	1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	4	16	
	<i>Moebringia trinervia</i>	E1	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	3	12	
	<i>Hepatica nobilis</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	3	12	
	<i>Anemone ranunculoides</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	1	.	.	.	.	.	.	3	12	
	<i>Dactylorhiza fuchsii</i>	E1	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8	
	<i>Clematis vitalba</i>	E2	.	.	.	.	.	1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Gagea lutea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	2	8	
	<i>Vinca minor</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Listera ovata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Dactylis polygama</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Veratrum nigrum</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Lathraea squamaria</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
	<i>Platanthera bifolia</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	
VP	Vaccinio-Piceeteta																											
	<i>Oxalis acetosella</i>	E1	.	.	.	1	+	+	.	+	.	1	1	1	+	+	1	.	+	1	.	+	.	.	1	16	64	
	<i>Dryopteris expansa</i>	E1	.	.	.	.	+	.	.	1	.	.	+	.	+	+	.	.	.	.	+	.	.	.	6	24		
	<i>Aposervis foetida</i>	E1	.	.	.	+	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	5	20		
	<i>Picea abies</i>	E3b	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	4	16	
	<i>Picea abies</i>	E3a	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8		
	<i>Picea abies</i>	E2	.	+	.	.	+	+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	+	.	6	24		
	<i>Picea abies</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	3	12		
	<i>Dryopteris dilatata</i>	E1	+	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	+	.	.	.	4	16		
	<i>Solidago virgaurea</i>	E1	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12		
	<i>Gentiana asclepiadea</i>	E1	.	.	.	+	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	3	12		
	<i>Abies alba</i>	E3a	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4		
	<i>Abies alba</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12		
	<i>Luzula luzuloides</i>	E1	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	8		
	<i>Clematis alpina</i>	E2a	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8		
	<i>Gymnocarpium dryopteris</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	8		
	<i>Lonitica nigra</i>	E2	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4		
	<i>Calamagrostis arundinacea</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	4		
<i>Maianthemum bifolium</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	4			

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	24	25	Pr.	Fr.	
EP	Erico-Pinetea																											
	E1	.	.	.	+	.	.	.	.	+	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	3	12
	E1	.	.	.	.	.	.	+			.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	3	12
	E1	.	.	.	.	.	.	.			.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	E2a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
BA	Betulo-Alnetea																											
	E2a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
MuA	Mulgedio-Aconitetea																											
	E1	+	.	.	1	+	.	1	1	+	1	+	1	1	2	1	.	1	1	+	+	+	.	.	+	.	20	80
	E1	+	+	.	.	.	.	.	.	+	+	+	1	1	1	2	+	1	+	+	+	1	.	+	.	1	17	68
	E1	.	.	.	+	.	.	.	.	.	1	r	.	.	+	.	.	2	+	+	+	.	+	.	+	.	11	44
	E1	.	+	.	+	+	.	+	.	.	+	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	8	32
	E1	.	1	+	.	2	+	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7	28
	E1	.	.	.	1	.	.	.	.	.	1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	4	16
	E1	.	.	.	.	+	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
SSC	Sambuco-Salicion capreae																											
	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	4
	E3	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	E2	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
TG	Trifolio-Geranietea																											
	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
EA	Epilobietea angustifolii																											
	E2a	+	.	.	+	.	.	.	.	1	1	.	.	1	1	+	.	+	.	.	.	+	.	.	.	+	10	40
	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	4	16	
	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	3	12	
	E1	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12	
	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12	
	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8	

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	24	25	Pr.	Fr.
GU	<i>Atropa bella-donna</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	2	8
	<i>Stachys alpina</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Arctium nemorosum</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Gallo-Urticetea</i>																											
Mo	<i>Urtica dioica</i>	E1	+	.	2	.	.	.	1	.	+	+	+	1	1	1	3	1	.	+	2	.	2	1	+	1	17	68
	<i>Lanium maculatum</i>	E1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	2	.	.	.	.	2	4	16
	<i>Geum urbanum</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Alliaria petiolata</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
MA	<i>Molinio</i>																											
	<i>Angelica sylvestris</i>	E1	.	.	.	+	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	6	24
	<i>Caltha palustris</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	8
	<i>Colchicum autumnale</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
ES	<i>Cirsium palustre</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Molinio-Arrhenatheretea</i>																											
	<i>Astrantia major</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Taraxacum</i> sect. <i>Taraxacum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	1	4
TR	<i>Elyno-Seslerietea</i>																											
	<i>Carex ferruginea</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	<i>Tiblaspietea rotundifolii</i>																											
	<i>Gymnocarpium robertianum</i>	E1	.	.	.	+	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	16
AP	<i>Cortusa matthioli</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	1	4
	<i>Cystopteris montana</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Astrantio camiolicae-Paederotion luteae</i>																											
	<i>Cystopteris fragilis</i>	E1	+	+	.	.	.	+	.	.	.	.	.	2	1	1	.	1	.	+	.	.	+	.	.	.	12	48
PcSp	<i>Veronica urticifolia</i>	E1	.	.	.	+	.	+	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	4	16
	<i>Valeriana tripteris</i>	E1	.	.	.	.	+	+	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	4	16
	<i>Paederota lutea</i>	E1	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	<i>Sedum hispanicum</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	3	12
AT	<i>Astrantia carniolica</i>	E1	.	.	.	r	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	<i>Carex brachystachys</i>	E1	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Viola biflora</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	8
	<i>Valeriana saxatilis</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AT	<i>Aster bellidiastrium</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Physoplexido comose-Saxifragion petraeae</i>																											
	<i>Phyteuma scheuchzeri</i> subsp. <i>columnae</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	<i>Asplenietea trichomanis</i>																											
AT	<i>Asplenium trichomanes</i>	E1	+	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	+	.	.	.	7	28
	<i>Polypodium vulgare</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	+	.	+	6	24

Number of relevé (Zaporedna številka popisa)																													
ML	Mosses and lichens (Mahovi in lišaji)																												
	<i>Ctenidium molluscum</i>	E0	+	+	·	1	1	+	1	1	+	1	+	1	·	1	·	1	·	·	·	2	1	·	1	+	17	68	
	<i>Isoetichium alopecuroides</i>	E0	+	·	+	1	1	·	·	·	·	+	+	·	·	1	·	1	·	+	·	2	2	1	1	1	13	52	
	<i>Homalothecium lutescens</i>	E0	+	1	+	1	+	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2	2	·	·	·	9	36	
	<i>Plagiomnium undulatum</i>	E0	·	·	·	·	·	+	·	·	1	·	·	·	+	+	·	·	+	·	·	·	·	·	·	·	7	28	
	<i>Brachythecium rutabulum</i>	E0	+	·	·	·	·	·	·	·	·	·	·	·	·	+	1	+	·	·	·	·	·	1	·	·	6	24	
	<i>Conocephalum conicum</i>	E0	·	·	·	·	·	+	·	·	+	·	·	+	+	·	·	·	·	·	·	·	·	·	·	·	5	20	
	<i>Fissidens dubius</i>	E0	·	·	·	·	1	·	·	·	·	·	·	·	·	·	·	·	+	·	·	·	1	·	·	·	5	20	
	<i>Anomodon viticulosus</i>	E0	·	+	·	·	·	·	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	5	20	
	<i>Schistidium apocarpum</i>	E0	·	1	·	·	·	·	1	·	·	·	·	·	·	·	·	·	+	·	·	·	+	·	·	·	5	20	
	<i>Plagiomnium cuspidatum</i>	E0	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	+	·	5	20	
	<i>Exerthea crispa (Neckera crispa)</i>	E0	+	·	·	·	·	·	1	·	·	·	·	·	·	·	·	·	·	+	·	·	·	·	·	·	4	16	
	<i>Peltigera canina</i>	E0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	4	16	
	<i>Plagiobhila porelloides</i>	E0	·	·	·	·	·	·	·	·	+	·	·	·	·	·	·	·	·	+	·	·	·	1	·	·	+	4	16
	<i>Pseudanomodon attenuatus (Anomodon attenuatus)</i>	E0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	·	·	3	12	
	<i>Hypnum cupressiforme</i>	E0	+	·	·	·	·	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	1	·	+	3	12	
	<i>Homalothecium philippaeanum</i>	E0	·	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	·	·	2	8	
	<i>Hylacomium splendens</i>	E0	·	·	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2	8	
	<i>Tortella tortuosa</i>	E0	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	·	·	·	·	+	·	·	·	·	2	8	
	<i>Eurhynchium striatum</i>	E0	·	·	·	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2	8	
	<i>Thamnobryum alopecurum</i>	E0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2	+	·	·	2	8	
	<i>Porella platyphylla</i>	E0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	4	
	<i>Eurhynchium angustirete</i>	E0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	4	
	<i>Plagiothecium undulatum</i>	E0	·	·	·	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	4	
	<i>Marchantia polymorpha</i>	E0	·	·	·	·	·	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	·	·	·	1	4	
	<i>Pseudoskeella catenulata</i>	E0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	·	·	·	·	·	1	4	

Legend – Legend

L	Limestone – Apnenec	Rs	Rockfall – Podorno skalovje
D	Dolomite – Dolomit	Gr	Gravel – Prod
M	Marlstone – Laporovec	Co	Colluvial-deluvial soil – Koluvalno-deluvilna tla
C	Chert – Roženec	Re	Rendzina – Rendzina
De	Debris – Grušč	Pr.	Presence (Prezenca) – Number of relevés in which the species is presented (Število popisov, v katerih se pojavlja vrsta)
Ta	Talus – Vršaj	Fr.	Frequency in % – Frekvenca v %

Table 2 (Tabela 2): *Aconito paniculati-Aceretum pseudoplatanii* ass. nov.

Number of relevé (Zaporedna številka popisa)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pr.	Fr.
Database number of relevé (Številka popisa v podatkovni bazi)	244322	284130	284134	284131	284129	254444	284135	257316	284133	251434	251435	245684	267633	220753		
Altitude in m (Nadmorska višina v m)	1360	1310	1360	1310	1300	1420	1460	1400	1530	1300	1385	1540	1210	1430		
Aspect (Lega)	E	N	E	NE	E	SW	NE	SSW	E	NWN	NW	SW	NE	W		
Slope in degrees (Nagib v stopinjah)	25	30	25	30	35	30	35	30	25	20	25	35	5	30		
Parent material (Matična podlaga)	De	De	Rs	Rs	De	De	De	De	Rs	De	De	De	Rs	DL		
Soil type (Talni tip)	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Re		
Stoniness in % (Kamnitost v %)	30	20	70	60	10	20	30	50	70	20	20	40	30	20		
Cover in % (Zastiranje v %)																
Upper tree layer (Zgornja drevesna plast)	E3b	80	80	80	90	80	80	80	60	80	80	80	80	60		
Lower tree layer (Spodnja drevesna plast)	E3a	5	.	5	10	.	.	5	.	.	5	.	.	.		
Shrub layer (Grmovna plast)	E2	10	10	5	2	10	5	10	10	20	10	5	20	60		
Herb layer (Zeliščna plast)	E1	80	70	80	70	90	80	70	90	80	90	60	90	90		
Moss layer (Mahovna plast)	E0	20	10	30	40	15	5	20	20	10	10	10	10	5		
Maximum tree diameter (Maksimalni premer dreves)	cm	30	35	35	50	30	30	25	20	25	40	30	15	25		
Maximum tree height (Maksimalna višina dreves)	m	19	20	20	24	16	20	15	12	12	17	18	14	10		
Number of species (Število vrst)		49	47	49	42	53	56	57	58	34	37	68	31	61		
Relevé area (Velikost popisne ploskve)	m ²	400	400	400	400	400	400	400	400	200	200	200	100	400		
Date of taking relevé (Datum popisa)	8/8/2012	7/7/2020	7/7/2020	7/7/2020	7/7/2020	9/25/2014	7/7/2020	7/15/2015	7/7/2020	6/21/2013	6/21/2013	6/21/2012	7/6/2017	9/10/2008		
Locality (Nahajališče)	Pl. Pri jezeru	Pl. Pri jezeru-Pungart	Pl. Pri jezeru-Pungart	Pl. Pri jezeru-Pungart	Pl. Pri jezeru-Pungart	Lopučnica	Planina Pri jezeru-Griva	Lopučnica	Planina Pri j.-pl. Viševnik	Pl. Osredki-Sil	Pl. Osredki-Sil	Pl. Tisje-Čiprije	Žagarjev graben	Zadnjica-Komar		
Quadrant (Srednjeevropski kvadrant)	9649/3	9649/3	9649/3	9649/3	9649/3	9648/4	9648/4	9748/2	9648/4	9749/4	9749/4	9649/3	9748/2	Komar		
Coordinates (Koordinate) GK Y (D-48)	m	410739	410820	410762	410882	410820	406498	409896	409813	417231	417203	414594	408861	408799		
Coordinates (Koordinate) GK X (D-48)	m	5130275	5130252	5130296	5130205	5130268	5129748	5130212	5128472	5122323	5122074	5133299	5124109	5137226		
Diagnostic species of the association (Diagnostične vrste asociacije)															Pr.	Fr.
TA <i>Acer pseudoplatanus</i>	E3b	5	4	4	4	5	4	5	4	5	4	4	4	4	14	100
TA <i>Acer pseudoplatanus</i>	E3a	.	.	.	+	.	+	1	.	.	1	+	.	.	5	36
TA <i>Acer pseudoplatanus</i>	E2b	.	+	.	.	1	1	2	2	1	+	.	.	+	9	64
TA <i>Acer pseudoplatanus</i>	E2a	+	.	.	.	1	.	1	+	1	.	.	.	+	6	43
TA <i>Acer pseudoplatanus</i>	E1	.	+	.	+	1	.	.	.	.	.	1	.	1	5	36
MuA <i>Aconitum lycoctonum</i> subsp. <i>ranunculifolium</i> (<i>A. lupicida</i>)	E1	+	1	+	.	+	2	2	3	3	1	1	+	1	12	86
MuA <i>Aconitum degenii</i> subsp. <i>paniculatum</i>	E1	+	1	+	+	1	1	1	2	1	1	.	1	r	12	86
VP <i>Picea abies</i>	E3	+	.	+	+	.	+	.	.	.	.	+	.	+	6	43
VP <i>Picea abies</i>	E2	+	+	+	+	+	+	+	+	.	.	+	+	+	10	71
VP <i>Picea abies</i>	E1	+	.	.	.	.	.	.	.	.	.	+	.	.	2	14
MuA <i>Senecio cacaliaster</i>	E1	1	.	.	.	.	+	.	2	+	+	.	.	1	7	50

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pr.	Fr.
VP	<i>Dryopteris dilatata</i>	E1	+	.	1	+	+	.	+	+	.	.	.	.	+	7	50
AP	<i>Viola biflora</i>	E1	+	+	.	.	.	.	1	+	.	.	.	+	+	6	43
MuA	<i>Rumex arifolius</i>	E1	.	.	.	.	.	+	+	+	1	.	1	.	+	6	43
TR	<i>Cystopteris montana</i>	E1	+	+	+	+	.	.	.	.	.	.	.	.	.	4	29
TA	<i>Tilio-Acerion</i>																
	<i>Chrysosplenium alternifolium</i>	E1	2	1	2	1	1	1	.	+	1	.	1	.	.	9	64
	<i>Geranium robertianum</i>	E1	1	+	1	1	2	+	.	1	.	.	.	1	.	8	57
	<i>Adoxa moschatellina</i>	E1	.	+	.	+	+	+	.	+	.	.	+	.	.	6	43
	<i>Polystichum aculeatum</i>	E1	+	1	1	1	+	1	.	.	.	.	.	.	.	6	43
	<i>Thalictrum aquilegifolium</i>	E1	.	.	.	.	+	1	+	.	+	.	.	.	+	5	36
	<i>Lunaria rediviva</i>	E1	.	.	.	.	+	.	.	2	.	+	.	.	.	3	21
	<i>Aruncus dioicus</i>	E1	.	.	.	.	.	.	.	+	.	.	.	+	+	3	21
	<i>Polystichum x luerksenii</i>	E1	.	+	+	.	.	.	.	.	.	.	.	.	.	2	14
	<i>Polystichum braunii</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	1	7
	<i>Campanula latifolia</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	<i>Fraxinus excelsior</i>	E3b	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	<i>Cardamine impatiens</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Phyllitis scolopendrium</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
AF	<i>Aremonio-Fagion</i>																
	<i>Cardamine enneaphyllos</i>	E1	1	1	1	1	+	+	1	1	1	2	+	1	.	12	86
	<i>Cardamine trifolia</i>	E1	+	+	1	1	.	.	.	.	.	.	.	.	.	4	29
	<i>Cyclamen purpurascens</i>	E1	+	.	.	.	.	+	.	.	.	.	.	+	.	1	4
	<i>Anemone trifolia</i>	E1	.	.	.	.	.	.	.	r	.	.	.	1	.	3	21
	<i>Rhamnus fallax</i>	E2	.	.	.	.	.	.	.	r	.	1	+	r	.	4	29
	<i>Scopolia carniolica</i>	E1	.	+	.	.	4	.	.	.	.	.	.	.	.	2	14
	<i>Knautia drymeia</i>	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	1	7
	<i>Helleborus niger</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
FS	<i>Fagetalia sylvaticae</i>																
	<i>Dryopteris filix-mas</i>	E1	2	3	3	3	3	2	1	1	2	3	3	+	+	14	100
	<i>Galeobdolon flavidum</i>	E1	1	1	3	1	1	2	2	1	1	.	.	1	1	12	86
	<i>Epilobium montanum</i>	E1	+	+	.	+	+	+	.	+	.	.	+	+	.	8	57
	<i>Paris quadrifolia</i>	E1	+	+	.	.	.	+	1	1	1	+	+	.	.	9	64
	<i>Mercurialis perennis</i>	E1	.	+	.	.	1	.	1	1	.	1	.	2	+	8	57
	<i>Actaea spicata</i>	E1	+	1	+	1	+	+	+	.	.	.	.	.	.	8	57
	<i>Myosotis sylvatica</i> agg.	E1	.	.	.	.	1	1	1	+	1	.	+	+	.	7	50
	<i>Fagus sylvatica</i>	E3b	.	+	+	2	1	.	.	.	.	.	.	+	1	6	43
	<i>Fagus sylvatica</i>	E2a	.	+	.	.	.	.	.	.	.	.	.	.	.	1	7
	<i>Mycelis muralis</i>	E1	+	+	+	1	.	+	.	+	.	.	.	+	.	7	50
	<i>Ranunculus lanuginosus</i>	E1	+	.	+	.	.	1	1	+	1	.	1	.	.	7	50
	<i>Galium laevigatum</i>	E1	.	+	.	.	+	1	+	+	.	.	.	1	.	7	50
	<i>Corydalis cava</i>	E1	1	1	.	.	2	.	.	.	.	3	2	.	.	5	36
	<i>Melica nutans</i>	E1	.	.	.	.	+	.	+	.	1	.	.	+	.	5	36
	<i>Lilium martagon</i>	E1	.	.	.	.	+	+	.	.	+	.	.	+	.	4	29
	<i>Daphne mezereum</i>	E2a	+	.	.	.	.	.	.	.	.	+	.	.	.	3	21
	<i>Poa nemoralis</i>	E1	.	.	.	.	.	+	+	.	.	.	.	+	.	3	21
	<i>Laburnum alpinum</i>	E3b	.	.	.	.	.	.	.	.	.	+	.	.	3	3	21
	<i>Laburnum alpinum</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	1	7
	<i>Prenanthes purpurea</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	2	14
	<i>Lonicera alpigena</i>	E2a	.	.	.	.	.	.	.	+	.	.	.	.	.	2	14

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pr.	Fr.		
QP	<i>Sambucus nigra</i>	E2a	.	.	.	+	.	.	.	.	.	.	.	.	.	1	7		
	<i>Petasites albus</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	1	7		
	<i>Sanicula europaea</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7		
	<i>Scrophularia nodosa</i>	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7		
	<i>Campanula trachelium</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7		
	<i>Symphytum tuberosum</i>	E1	.	.	.	.	.	.	.	.	.	.	1	.	.	1	7		
	<i>Euphorbia amygdaloides</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7		
	<i>Pulmonaria officinalis</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7		
	<i>Phyteuma spicatum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	1	1	7		
QP	<i>Quercetalia pubescenti-petraeae</i>																		
	<i>Convallaria majalis</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7		
	<i>Sorbus aria</i> (<i>Aira edulis</i>)	E3b	.	.	.	.	.	.	.	.	.	.	.	.	r	1	7		
QF	<i>Quercio-Fagetea</i>																		
	<i>Anemone nemorosa</i>	E1	.	.	1	.	+	1	.	.	.	1	.	.	.	4	29		
	<i>Hepatica nobilis</i>	E1	.	.	.	.	+	+	.	.	.	.	.	.	.	2	14		
	<i>Lonicera xylosteum</i>	E2	.	.	.	.	.	+	.	.	.	+	.	.	.	2	14		
VP	<i>Dactylorhiza fuchsii</i>	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	1	7		
	<i>Vaccinio-Piceetea</i>																		
	<i>Gentiana asclepiadea</i>	E1	+	+	.	.	.	+	+	.	+	.	.	1	+	.	7	50	
	<i>Oxalis acetosella</i>	E1	1	1	1	2	1	.	.	+	.	.	.	.	.	.	6	43	
	<i>Gymnocarpium dryopteris</i>	E1	+	1	1	2	+	.	.	.	.	.	.	.	.	+	6	43	
	<i>Calamagrostis arundinacea</i>	E1	+	+	+	.	+	.	.	.	.	.	.	1	.	.	5	36	
	<i>Phegopteris connectilis</i>	E1	.	+	+	1	+	.	.	+	.	.	.	.	.	.	5	36	
	<i>Polystichum lonchitis</i>	E1	r	.	+	.	.	.	1	.	.	.	.	+	.	1	5	36	
	<i>Aposeris foetida</i>	E1	.	.	.	.	.	+	.	.	.	.	.	1	.	1	3	21	
	<i>Rosa pendulina</i>	E2a	.	.	.	.	.	+	1	.	.	.	.	.	.	1	3	21	
	<i>Larix decidua</i>	E2	.	.	.	.	.	.	+	.	.	.	.	.	.	+	2	14	
	<i>Lonicera nigra</i>	E2a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	7	
	<i>Dryopteris expansa</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	7	
	<i>Maianthemum bifolium</i>	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	7	
	<i>Luzula luzulina</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7	
	<i>Solidago virgaurea</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	7	
	<i>Hieracium murorum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7	
	<i>Luzula sylvatica</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7	
	<i>Lycopodium annotinum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	7	
	<i>Clematis alpina</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7	
	<i>Vaccinium myrtillus</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7	
	<i>Huperzia selago</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7	
	<i>Abes alba</i>	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	r	1	7	
	EP	<i>Erico-Pinetea</i>																	
		<i>Cirsium erisithales</i>	E1	.	.	.	.	.	+	+	+	+	.	.	+	.	.	5	36
		<i>Calamagrostis varia</i>	E1	+	.	.	.	.	+	+	.	.	.	.	.	.	3	4	29
		<i>Rubus saxatilis</i>	E1	.	.	.	.	.	.	+	.	+	.	.	.	.	1	3	21
<i>Pinus mugo</i>		E2b	1	.	.	.	.	.	.	.	.	.	.	.	.	1	2	14	
<i>Aquilegia nigricans</i>		E1	.	.	.	.	.	.	.	.	.	.	.	+	.	1	2	14	
<i>Erica carnea</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	7	
<i>Bupththalmum salicifolium</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	r	1	7	
<i>Carex ornithopoda</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7	
<i>Peucedanum austriacum</i> subsp. <i>rablense</i>		E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7	

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pr.	Fr.	
BA	<i>Betulo-Alnetea</i>																	
	<i>Ribes alpinum</i>	E2b	+	.	+	.	.	.	+	.	.	.	.	.	.	3	21	
	<i>Sorbus chamaemespilus</i>	E2	.	.	.	.	.	.	+	.	+	.	.	.	.	2	14	
	<i>Alnus viridis</i>	E2b	.	.	.	.	.	.	.	+	+	.	.	.	3	3	21	
	<i>Salix appendiculata</i>	E2	.	.	.	.	.	.	.	+	+	.	.	.	1	3	21	
MuA	<i>Mulgedio-Aconitetea</i>																	
	<i>Athyrium filix-femina</i>	E1	3	2	1	2	2	+	1	+	2	1	1	1	2	+	14	100
	<i>Veratrum album</i> s. lat. (<i>V. lobelianum</i>)	E1	+	1	+	+	+	.	1	+	3	2	1	+	.	.	11	79
	<i>Saxifraga rotundifolia</i>	E1	2	1	.	2	1	1	2	1	1	+	1	+	.	.	11	79
	<i>Polygonatum verticillatum</i>	E1	+	.	+	+	+	1	1	+	.	1	.	+	1	1	11	79
	<i>Senecio ovatus</i>	E1	+	1	1	1	1	1	+	2	.	.	.	1	1	.	10	71
	<i>Stellaria nemorum</i>	E1	3	1	1	.	1	1	+	1	1	.	1	.	+	.	10	71
	<i>Adenostyles alliariae</i>	E1	+	1	+	2	+	.	2	1	1	.	3	.	3	.	10	71
	<i>Chaerophyllum hirsutum</i>	E1	+	2	.	2	1	1	2	1	3	.	+	.	.	.	9	64
	<i>Doronicum austriacum</i>	E1	+	+	+	.	.	.	.	2	.	1	+	+	1	.	8	57
	<i>Milium effusum</i>	E1	.	+	+	+	1	.	.	+	.	1	1	.	.	.	7	50
	<i>Ranunculus platanifolius</i>	E1	+	+	+	.	.	.	.	.	.	.	.	+	1	.	5	36
	<i>Silene dioica</i>	E1	.	.	.	.	+	+	1	+	+	.	.	.	.	.	5	36
	<i>Scrophularia scopolii</i>	E1	.	.	.	.	+	.	+	+	1	.	.	.	.	.	4	29
	<i>Phyteuma ovatum</i>	E1	.	.	.	.	+	.	.	.	.	+	.	+	.	.	3	21
	<i>Geum rivale</i>	E1	.	.	.	.	.	+	+	.	1	.	.	.	.	.	3	21
	<i>Myrrhis odorata</i>	E1	.	.	.	.	.	+	.	.	.	.	.	+	3	.	3	21
	<i>Epilobium alpestre</i>	E1	.	.	.	.	.	.	+	.	1	.	+	.	.	.	3	21
	<i>Pleurospermum austriacum</i>	E1	.	.	.	.	.	.	.	.	.	+	.	+	+	.	3	21
	<i>Cicerbita alpina</i>	E1	.	.	+	.	.	.	.	+	.	.	.	.	.	.	2	14
	<i>Heracleum sphondylium</i> subsp. <i>elegans</i>	E1	.	.	.	.	.	1	.	.	.	.	.	+	.	.	2	14
	<i>Geranium sylvaticum</i>	E1	.	.	.	.	.	.	.	.	1	.	.	.	1	.	2	14
	<i>Hypericum maculatum</i>	E1	.	.	.	.	.	.	.	.	1	.	.	.	+	.	2	14
	<i>Carduus personata</i>	E1	.	.	.	.	.	.	.	.	.	+	+	.	.	.	2	14
	<i>Streptopus amplexifolius</i>	E1	.	.	.	.	.	.	.	.	.	+	.	.	1	.	2	14
	<i>Aconitum angustifolium</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7
	<i>Primula elatior</i>	E1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	7
	<i>Silene vulgaris</i> subsp. <i>antelopum</i>	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7
	<i>Orobancha lycoctoni</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	7
	<i>Senecio nemorensis</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	<i>Alchemilla xanthochlora</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	<i>Anthriscus nitida</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	<i>Cirsium carniolicum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Carduus carduelis</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	7
	<i>Pedicularis hacquetii</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
<i>Chaerophyllum villarsii</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7	
SSC	<i>Sambuco-Salicion capreae</i>																	
	<i>Sorbus aucuparia</i>	E3	.	.	.	.	.	.	.	.	+	+	.	.	1	.	3	21
	<i>Sorbus aucuparia</i>	E2	.	.	.	.	.	.	.	.	+	.	.	.	.	+	2	14
	<i>Sorbus aucuparia</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	+	2	14
	<i>Sambucus racemosa</i>	E2a	.	.	.	.	.	.	.	.	.	.	+	+	.	.	2	14
TG	<i>Trifolio-Geraniea</i>																	
	<i>Digitalis grandiflora</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Lilium carniolicum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pr.	Fr.
EA	<i>Epilobietea angustifolii</i>																
	<i>Galeopsis speciosa</i>	E1	+	+	.	.	.	.	+	+	.	+	.	.	.	5	36
	<i>Rubus idaeus</i>	E2a	.	.	.	1	.	.	.	1	1	1	.	.	.	4	29
	<i>Verbascum lanatum</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
GU	<i>Galio-Urticetea</i>																
	<i>Urtica dioica</i>	E1	2	1	1	1	1	+	.	+	+	1	2	.	.	10	71
	<i>Lamium maculatum</i>	E1	.	.	.	.	1	.	+	.	+	2	.	.	.	4	29
	<i>Rumex alpinus</i>	E1	.	.	.	.	.	.	.	.	.	1	.	.	.	1	7
PaT	<i>Poo alpinae-Trisetetelia</i>																
	<i>Trollius europaeus</i>	E1	.	.	.	.	.	.	.	+	+	.	.	.	.	2	14
	<i>Cardaminopsis ovirensis</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7
	<i>Poa alpina</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
Mo	<i>Molinion</i>																
	<i>Crepis paludosa</i>	E1	.	.	.	+	.	+	1	+	.	.	.	1	.	5	36
	<i>Angelica sylvestris</i>	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
MA	<i>Molinio-Arrhenatheretea</i>																
	<i>Dactylis glomerata</i>	E1	.	.	.	.	.	+	.	1	.	.	.	.	.	2	14
ES	<i>Elyno-Seslerietea</i>																
	<i>Betonica alopecuroides</i>	E1	.	.	.	.	.	+	.	1	.	.	.	.	+	3	21
	<i>Laserpitium peucedanoides</i>	E1	.	.	.	.	.	+	.	.	.	.	+	.	.	2	14
	<i>Campanula scheuchzeri</i>	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7
	<i>Festuca calva</i>	E1	.	.	.	.	.	.	r	.	.	.	.	.	.	1	7
	<i>Achillea clavinae</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	<i>Thymus praecox</i> subsp. <i>polytrichus</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	<i>Phyteuma orbiculare</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Scabiosa lucida</i> subsp. <i>stricta</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	<i>Arabis ciliata</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
TR	<i>Thlaspietea rotundifolii</i>																
	<i>Adenostyles glabra</i>	E1	.	.	.	.	.	+	1	+	.	.	.	2	.	4	29
	<i>Gymnocarpium robertianum</i>	E1	.	.	.	.	.	.	+	.	.	.	+	.	+	3	21
	<i>Arabis alpina</i>	E1	.	.	.	.	.	.	.	1	.	.	.	.	.	1	7
	<i>Hieracium bifidum</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	<i>Heracleum pollinianum</i>	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	1	7
	<i>Valeriana montana</i>	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
AP	<i>Astrantio carniolicae-Paederotian luteae</i>																
	<i>Cystopteris fragilis</i>	E1	.	+	1	1	+	+	1	+	+	.	+	+	.	10	71
	<i>Asplenium viride</i>	E1	+	.	.	.	.	+	1	+	+	.	.	.	+	6	43
	<i>Valeriana tripteris</i>	E1	.	.	+	.	.	.	.	.	.	.	.	.	+	2	14
	<i>Cystopteris regia</i>	E1	.	.	.	.	.	+	.	1	.	.	.	.	.	2	14
	<i>Sedum hispanicum</i>	E1	.	.	.	.	.	.	.	1	.	+	.	.	.	2	14
	<i>Paederota lutea</i>	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	<i>Veronica urticifolia</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Astrantia carniolica</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Carex brachystachys</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Valeriana saxatilis</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
PcSp	<i>Physoplexido comose-Saxifragion petraeae</i>																
	<i>Campanula carnica</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
PaT	<i>Potentilletalia caulescentis</i>																
	<i>Primula auricula</i>	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Kernera saxatilis</i>	E1	.	.	.	.	.	.	.	.	.	.	r	.	.	1	7

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pr.	Fr.
AT	<i>Asplenietea trichomanis</i>																
	<i>Moehringia muscosa</i>	E1	.	.	.	.	.	+	+	+	.	.	+	.	+	5	36
	<i>Asplenium ruta-muraria</i>	E1	.	.	.	.	.	.	r	+	.	.	.	.	.	2	14
	<i>Asplenium trichomanes</i>	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	1	7
ML	Mosses and lichens (Mahovi in lišaji)																
	<i>Ctenidium molluscum</i>	E0	+	1	1	2	1	.	1	1	1	.	.	2	.	10	71
	<i>Plagiomnium undulatum</i>	E0	+	1	2	1	1	.	1	.	.	.	.	.	.	6	43
	<i>Conocephalum conicum</i>	E0	.	.	1	2	1	1	+	+	.	.	.	.	.	6	43
	<i>Brachythecium rutabulum</i>	E0	.	.	1	.	+	.	.	+	+	.	.	.	.	4	29
	<i>Fissidens dubius</i>	E0	.	1	.	1	1	.	+	.	.	.	.	.	.	4	29
	<i>Plagiomnium cuspidatum</i>	E0	.	.	1	1	+	.	.	+	.	.	.	.	.	4	29
	<i>Pseudoleskeella catenulata</i>	E0	.	.	+	.	.	.	.	+	1	.	.	1	.	4	29
	<i>Isoetecium alopecuroides</i>	E0	1	.	.	2	.	.	.	.	1	.	.	.	.	3	21
	<i>Peltigera canina</i>	E0	+	.	.	.	.	.	.	+	.	.	.	.	.	2	14
	<i>Eurhynchium angustirete</i>	E0	.	.	+	1	.	.	.	.	.	.	.	.	.	2	14
	<i>Polytrichum formosum</i>	E0	.	.	.	.	.	.	.	+	.	.	.	.	1	2	14
	<i>Plagiochila porelloides</i>	E0	.	1	.	.	.	.	.	.	.	.	.	.	.	1	7
	<i>Rhizomnium punctatum</i>	E0	.	.	1	.	.	.	.	.	.	.	.	.	.	1	7
	<i>Plagiochila asplenoides</i>	E0	.	.	+	.	.	.	.	.	.	.	.	.	.	1	7
	<i>Dicranum scoparium</i>	E0	.	.	.	.	.	.	+	.	.	.	.	.	.	1	7
	<i>Homalothecium philippeanum</i>	E0	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	<i>Homalothecium lutescens</i>	E0	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
	<i>Schistidium apocarpum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
	<i>Rhytidiadelphus triquetrus</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	<i>Tortella tortuosa</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	<i>Rhodobryum roseum</i>	E0	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7

Legend – Legenda

L	Limestone – Apnenec
D	Dolomite – Dolomit
De	Debris – Grušč
Rs	Rockfall – Podorno skalovje
Co	Colluvial-deluvial soil – Koluvalno-deluvilna tla
Re	Rendzina - Rendzina
Pr.	Presence (Prezenca) – Number of relevés in which the species is presented (Število popisov, v katerih se pojavlja vrsta)
Fr.	Frequency in % – Frekvenca v %
Relevé 9	nomenclatural type (<i>holotypus</i>) – Popis 9 nomenklaturni tip (holotip)

Table 3 (Tabela 3): *Aconito paniculati-Aceretum pseudoplatanii* var. *Heracleum pollinianum*

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	Pr.	Fr.
Database number of relevé (Številka popisa v podatkovni bazi)		298152	298153	233357	298151	298180	298168	298172		
Altitude in m (Nadmorska višina v m)		1141	1150	1150	940	1470	1490	1480		
Aspect (Lega)		SW	SEE	S	SE	NW	SWW	NW		
Slope in degrees (Nagib v stopinjah)		15	30	15	30	40	30	40		
Parent material (Matična podlaga)		De	De	De	De	De	De	De		
Soil type (Talni tip)		Re	Re	Co	Re	Li	Re	Li		
Stoniness in % (Kamnitost v %)		70	60	30	20	60	90	80		
Cover in % (Zastiranje v %)										
Upper tree layer (Zgornja drevesna plast)	E3b	70	70	90	.	70	.	.		
Lower tree layer (Spodnja drevesna plast)	E3a	10	.	.	.	.	.	.		
Shrub layer (Grmovna plast)	E2	20	10	5	70	30	70	80		
Herb layer (Zeliščna plast)	E1	80	80	80	60	80	80	80		
Moss layer (Mahovna plast)	E0	10	10	5	.	20	.	30		
Maximum tree diameter (Maksimalni premer dreves)	cm	30	30	30	.	15	.	.		
Maximum tree height (Maksimalna višina dreves)	m	15	15	18	.	10	.	.		
Number of species (Število vrst)		39	44	40	43	52	44	47		
Relevé area (Velikost popisne ploskve)	m ²	400	400	200	200	100	100	100		
Date of taking relevé (Datum popisa)		7/2/2024	7/2/2024	8/25/2009	7/2/2024	7/2/2024	7/2/2024	7/2/2024		
Locality (Nahajališče)		Bavšica Tesne	Bavšica Tesne	Bavšica Tesne	Bavšica Tesne	Bukovska korita	Bukovska korita	Bukovska korita		
Quadrant (Srednjeevropski kvadrant)		396666	9647/2	9647/2	9647/2	9647/2	9647/2	9647/2		
Coordinates (Koordinate) GK Y (D-48)		m	396666	396641	396656	396195	397078	397106		
Coordinates (Koordinate) GK X (D-48)		m	5137362	5137381	5137419	5136993	5137892	5137930		
Diagnostic species of the association (Dijagnostične vrste asociacije)										Pr. Fr.
TA	<i>Acer pseudoplatanus</i>	E3b	4	4	5	.	4	.	.	4 57
TA	<i>Acer pseudoplatanus</i>	E3a	1	.	+	.	.	.	.	2 29
TA	<i>Acer pseudoplatanus</i>	E2	2	.	+	3	.	4	3	5 71
TA	<i>Acer pseudoplatanus</i>	E1	.	1	+	.	1	.	.	3 43
MuA	<i>Aconitum lycoctonum</i> subsp. <i>ranunculifolium</i> (<i>A. lupicida</i>)	E1	3	2	2	2	2	1	1	7 100
MuA	<i>Aconitum degenii</i> subsp. <i>paniculatum</i>	E1	1	1	+	+	+	1	1	7 100
MuA	<i>Senecio cacaliaster</i>	E1	.	.	.	.	1	1	1	3 43
MuA	<i>Rumex arifolius</i>	E1	.	+	.	.	.	1	.	2 29
AP	<i>Viola biflora</i>	E1	.	.	.	.	.	.	+	1 14
Differential species of variant and subvariants (Razlikovalne vrste variante in subvariant)										
TR	<i>Heracleum sphondylium</i> subsp. <i>pollinianum</i>	E1	+	+	+	1	1	1	1	7 100
MA	<i>Angelica sylvestris</i>	E1	1	+	1	.	1	1	1	6 86
EP	<i>Cirsium erisithales</i>	E1	+	1	.	1	.	+	1	4 57
ES	<i>Festuca calva</i>	E1	.	+	.	.	+	1	1	4 57

Number of relevé (Zaporedna številka popisa)			1	2	3	4	5	6	7	Pr.	Fr.
TR	<i>Geranium macrorrhizum</i>	E1	.	.	+	.	+	3	1	4	57
MuA	<i>Tephrosia crispa</i>	E1	.	.	.	+	.	1	+	3	43
TA	<i>Lunaria rediviva</i>	E1	3	3	4	1	.	.	.	4	57
FS	<i>Brachypodium sylvaticum</i>	E1	2	+	+	1	.	.	.	4	57
GU	<i>Lamium maculatum</i>	E1	1	1	1	1	.	.	.	4	57
GU	<i>Cuscuta europaea</i>	E1	+	+	1	1	.	.	.	4	57
FS	<i>Campanula trachelium</i>	E1	+	1	.	1	.	.	.	3	43
AF	<i>Rhamnus fallax</i>	E2	+	+	.	+	.	.	.	3	43
FS	<i>Mercurialis perennis</i>	E1	1	1	+	.	.	.	.	3	43
MuA	<i>Senecio ovatus</i> (<i>S. fuchsii</i>)	E1	+	1	1	.	.	.	.	3	43
MuA	<i>Saxifraga rotundifolia</i>	E1	.	.	.	.	2	1	1	3	43
TA	<i>Thalictrum aquilegifolium</i>	E1	.	.	.	.	1	1	2	3	43
VP	<i>Rosa pendulina</i>	E2a	.	.	.	.	+	1	+	3	43
TR	<i>Molopospermum peloponnesiacum</i> subsp. <i>baubinii</i>	E1	.	.	.	.	+	+	1	3	43
MuA	<i>Geum rivale</i>	E1	.	.	.	.	+	+	.	2	29
MuA	<i>Doronicum austriacum</i>	E1	.	.	.	.	2	.	+	2	29
VP	<i>Polystichum lonchitis</i>	E1	.	.	.	.	+	.	+	2	29
BA	<i>Ribes alpinum</i>	E2a	.	.	.	.	.	+	+	2	29
Mua	<i>Adenostyles alliariae</i>	E1	.	.	.	.	.	+	1	2	29
MuA	<i>Epilobium alpestre</i>	E1	.	.	.	.	.	+	+	2	29
MuA	<i>Geranium sylvaticum</i>	E1	.	.	.	.	.	+	+	2	29
MuA	<i>Scrophularia scopoli</i>	E1	.	.	.	.	.	+	+	2	29
TA	Tilio-Acerion										
	<i>Geranium robertianum</i>	E1	1	2	.	+	1	.	.	4	57
	<i>Aruncus dioicus</i>	E1	.	+	.	1	3	.	.	3	43
	<i>Chrysosplenium alternifolium</i>	E1	1	.	1	.	1	.	.	3	43
	<i>Hesperis candida</i>	E1	.	.	+	+	.	.	1	3	43
	<i>Fraxinus excelsior</i>	E2b	.	.	.	1	.	.	.	1	14
	<i>Fraxinus excelsior</i>	E1	+	.	.	.	.	.	.	1	14
	<i>Cardamine impatiens</i>	E1	.	.	+	.	.	.	.	1	14
	<i>Sambucus nigra</i>	E2b	.	.	.	+	.	.	.	1	14
	<i>Tephrosia pseudocrispa</i>	E1	.	.	.	+	.	.	.	1	14
	<i>Polystichum aculeatum</i>	E1	.	.	.	.	1	.	.	1	14
	<i>Polystichum x luerssenii</i>	E1	.	.	.	.	+	.	.	1	14
AF	Aremonio-Fagion										
	<i>Anemone trifolia</i>	E1	.	+	.	.	.	.	.	1	14
	<i>Cardamine enneaphyllos</i>	E1	.	.	.	.	+	.	.	1	14
FS	Fagetalia sylvaticae										
	<i>Galeobdolon flavidum</i>	E1	2	2	+	1	1	.	.	5	71
	<i>Luzula nivea</i>	E1	+	1	.	.	.	+	+	5	71
	<i>Dryopteris filix-mas</i>	E1	.	+	1	.	1	1	1	5	71
	<i>Fagus sylvatica</i>	E3	+	+	+	.	+	.	.	4	57
	<i>Galium laevigatum</i>	E1	.	+	.	.	1	2	1	4	57
	<i>Lilium martagon</i>	E1	.	.	.	+	+	+	+	4	57
	<i>Laburnum alpinum</i>	E2b	.	.	.	2	1	.	2	3	43
	<i>Mycelis muralis</i>	E1	.	1	+	.	+	.	.	3	43
	<i>Poa nemoralis</i>	E1	1	1	.	.	+	.	.	3	43
	<i>Salvia glutinosa</i>	E1	1	+	.	.	1	.	.	3	43
	<i>Myosotis sylvatica</i>	E1	+	.	+	.	.	.	.	2	29
	<i>Daphne mezereum</i>	E2a	+	.	.	.	.	.	.	1	14
	<i>Melica nutans</i>	E1	.	+	.	.	.	.	.	1	14

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	Pr.	Fr.
	<i>Laburnum alpinum</i>	E3b	.	.	.	2	.	.	1	14
	<i>Festuca altissima</i>	E1	.	.	.	1	.	.	1	14
	<i>Epilobium montanum</i>	E1	.	.	.	+	.	.	1	14
	<i>Lonicera alpigena</i>	E2a	.	.	.	+	.	.	1	14
	<i>Paris quadrifolia</i>	E1	.	.	.	+	.	.	1	14
QP	<i>Quercetalia pubescenti-petraeae</i>									
	<i>Arabis turrita</i>	E1	.	+	.	.	.	.	1	14
	<i>Clematis recta</i>	E1	.	.	.	+	.	.	1	14
	<i>Sorbus graeca</i>	E2b	.	.	.	+	.	.	1	14
	<i>Sorbus aria</i> (<i>Aria edulis</i>)	E3b	.	.	.	+	.	.	1	14
QF	<i>Quercus-Fagetea</i>									
	<i>Moehringia trinervia</i>	E1	+	.	.	.	.	.	1	14
	<i>Hepatica nobilis</i>	E1	.	+	.	.	.	.	1	14
	<i>Corylus avellana</i>	E2b	.	.	.	+	.	.	1	14
EP	<i>Erico-Pinetea</i>									
	<i>Calamagrostis varia</i>	E1	.	1	.	.	.	.	1	14
	<i>Bupthalmum salicifolium</i>	E1	.	.	.	+	.	.	1	14
VP	<i>Vaccinio-Piceetea</i>									
	<i>Oxalis acetosella</i>	E1	1	.	.	+	.	.	2	29
BA	<i>Betulo-Alnetea</i>									
	<i>Salix appendiculata</i>	E2b	.	.	.	+	1	3	3	57
MuA	<i>Mulgedio-Aconitetea</i>									
	<i>Chaerophyllum hirsutum</i>	E1	1	.	+	1	1	1	6	86
	<i>Veratrum lobelianum</i>	E1	1	.	+	+	1	1	6	86
	<i>Silene dioica</i>	E1	1	.	+	1	+	.	5	71
	<i>Polygonatum verticillatum</i>	E1	+	.	+	.	.	1	3	43
	<i>Orobancha lycoctoni</i>	E1	+	.	.	+	.	.	2	29
	<i>Primula elatior</i>	E1	.	+	.	+	.	.	2	29
	<i>Stellaria nemorum</i>	E1	.	.	1	.	1	.	2	29
	<i>Carduus personata</i>	E1	.	.	.	+	.	+	2	29
	<i>Ranunculus platanifolius</i>	E1	.	.	.	+	2	.	2	29
	<i>Athyrium filix-femina</i>	E1	.	.	+	.	.	+	2	29
	<i>Agropyron caninum</i>	E1	.	+	.	.	.	.	1	14
	<i>Orobancha reticulata</i>	E1	.	.	.	+	.	.	1	14
	<i>Poa hybrida</i>	E1	.	.	.	.	.	+	1	14
	<i>Peucedanum ostruthium</i>	E1	.	.	.	.	.	1	1	14
	<i>Pleurospermum austriacum</i>	E1	.	.	.	.	.	+	1	14
RP	<i>Rhamno-Prunetea</i>									
	<i>Rosa canina</i>	E2b	.	.	.	+	.	.	1	14
	<i>Rosa glauca</i>	E2b	.	.	.	+	.	.	1	14
TG	<i>Trifolio-Geranietea</i>									
	<i>Vincetoxicum hirundinaria</i>	E1	.	+	.	1	.	.	2	29
	<i>Vicia sylvatica</i>	E1	+	.	.	.	.	.	1	14
	<i>Valeriana wallrothii</i> (<i>V. collina</i>)	E1	.	1	.	.	.	.	1	14
	<i>Silene nutans</i>	E1	.	+	.	.	.	.	1	14
	<i>Lilium carniolicum</i>	E1	.	.	.	+	.	.	1	14
	<i>Verbascum lanatum</i>	E1	.	.	.	+	.	.	1	14
	<i>Veronica filiformis</i>	E1	.	.	.	.	.	.	1	14
EA	<i>Epilobietea angustifolii</i>									
	<i>Rubus idaeus</i>	E2a	.	+	.	+	+	.	3	43
	<i>Carex muricata</i>	E1	+	+	.	.	.	.	2	29
	<i>Galeopsis speciosa</i>	E1	.	.	+	.	+	.	2	29

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	Pr.	Fr.
GU	<i>Galio-Urticetea</i>									
	<i>Urtica dioica</i>	E1	1	1	1	2	+	2	7	100
	<i>Geum urbanum</i>	E1	.	+	+	.	.	.	2	29
	<i>Lapsana communis</i>	E1	.	.	.	+	.	.	1	14
ES	<i>Elyno-Seslerietea, Festuco-Brometea</i>									
	<i>Myosotis alpestris</i>	E1	.	.	.	.	+	+	2	29
	<i>Sesleria caerulea</i>	E1	.	.	.	+	.	.	1	14
	<i>Carex sempervirens</i>	E1	.	.	.	.	+	.	1	14
	<i>Thymus praecox</i> subsp. <i>polytrichus</i>	E1	.	.	.	.	+	.	1	14
	<i>Scabiosa lucida</i>	E1	.	.	.	.	.	+	1	14
	<i>Centaurea triumfettii</i>	E1	.	.	.	.	.	+	1	14
MA	<i>Molinio-Arrhenatheretea</i>									
	<i>Dactylis glomerata</i>	E1	.	.	.	1	.	1	3	43
	<i>Deschampsia cespitosa</i>	E1	1	.	+	.	.	.	2	29
	<i>Veronica chamaedrys</i>	E1	1	.	.	.	.	.	1	14
	<i>Vicia cracca</i>	E1	.	.	.	+	.	.	1	14
TR	<i>Thlaspietea rotundifolii</i>									
	<i>Adenostyles glabra</i>	E1	.	.	.	.	+	+	2	29
	<i>Viola pyrenaica</i>	E1	.	+	.	.	.	.	1	14
	<i>Arabis alpina</i>	E1	.	.	+	.	.	.	1	14
	<i>Ligusticum seguieri</i>	E1	.	.	.	.	1	.	1	14
	<i>Peucedanum verticillare</i>	E1	.	.	.	.	+	.	1	14
AP	<i>Astrantio-Paederotion luteae</i>									
	<i>Cystopteris fragilis</i>	E1	.	.	+	.	+	+	3	43
	<i>Sedum hispanicum</i>	E1	+	.	.	.	+	.	2	29
	<i>Valeriana tripteris</i>	E1	.	.	.	+	.	1	2	29
	<i>Veronica urticifolia</i>	E1	.	.	.	+	.	.	1	14
AT	<i>Asplenietea trichomanis</i>									
	<i>Sedum maximum</i>	E1	.	+	+	.	.	.	2	29
	<i>Saxifraga hostii</i>	E1	.	.	.	.	+	.	1	14
ML	Mosses and lichens (Mahovi in lišaji)									
	<i>Pseudoleskeella catenulata</i>	E0	.	1	+	.	2	1	4	57
	<i>Plagiomnium undulatum</i>	E0	1	.	.	2	+	.	3	43
	<i>Homalothecium lutescens</i>	E0	+	.	1	.	.	.	2	29
	<i>Brachythecium rutabulum</i>	E0	.	.	+	.	1	.	2	29
	<i>Mnium thomsonii</i>	E0	.	.	.	.	+	1	2	29
	<i>Ctenidium molluscum</i>	E0	.	1	.	.	.	.	1	14
	<i>Isothecium alopecuroides</i>	E0	.	.	1	.	.	.	1	14
	<i>Plagiomnium cuspidatum</i>	E0	.	.	+	.	.	.	1	14
	<i>Schistidium apocarpum</i>	E0	.	.	+	.	.	.	1	14
	<i>Thuidium delicatulum</i>	E0	.	.	+	.	.	.	1	14
	<i>Fissidens dubius</i>	E0	.	.	.	1	.	.	1	14
	<i>Climacium dendroides</i>	E0	.	.	.	.	.	+	1	14

Legend – Legenda

De Debris – Grušč

Co Colluvial-deluvial soil – Koluvijsko-deluvijalna tla

Re Rendzina – Rendzina

Li Lithosol – Kamnišče

Pr. Presence (Prezenca) – Number of relevés in which the species is presented (Število popisov, v katerih se pojavlja vrsta)

Fr. Frequency in % – Frekvenca v %

Table 4 (Tabela 4): *Lamio orvalae-Aceretum pseudoplatani*, *Omphalodo-Aceretum pseudoplatani*

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	Pr.	
Database number of relevé (Številka popisa v podatkovni bazi)		297372	247204	247217	247218	257842	271684	246222	262201	269704	269701	218034		
Altitude in m (Nadmorska višina v m)		585	840	950	750	940	1005	1020	615	640	740	560		
Aspect (Lega)		NW	SW	SE	SE	SE	SW	NE	SE	E	NE	SW		
Slope in degrees (Nagib v stopinjah)		35	35	40	30	30	1	15	45	30	35	25		
Parent material (Matična podlaga)		De	LCIC	LMC	De	De	LC	D	LMC	Rs	De	D		
Soil type (Talni tip)		Co	Co	Co	Co	Co	Eu	Br	Co	Co	Co	Co		
Stoniness in % (Kamnitost v %)		50	20	40	40	30	0	1	30	80	20	30		
Cover in % (Zastiranje v %)														
Upper tree layer (Zgornja drevesna plast)		E3b	70	80	80	80	90	100	70	20	80	70		
Lower tree layer (Spodnja drevesna plast)		E3a	5	10	10	10	1	.	.	70	.	10		
Shrub layer (Grmovna plast)		E2	30	10	20	30	5	1	1	5	10	5	10	
Herb layer (Zeliščna plast)		E1	70	70	50	70	80	90	80	60	70	60	50	
Moss layer (Mahovna plast)		E0	10	10	10	5	5	5	5	20	40	5	20	
Maximum tree diameter (Maksimalni premer dreves)		cm	50	40	30	35	30	25	30	40	25	40		
Maximum tree height (Maksimalna višina dreves)		m	30	25	22	20	25	40	17	18	15	28		
Number of species (Število vrst)			52	48	52	49	29	38	49	14	61	23	37	
Relevé area (Velikost popisne ploskve)		m²	400	200	200	200	400	400	200	200	400	200	200	
Date of taking relevé (Datum popisa)			4/26/2024	5/18/2006	6/2/2006	6/2/2006	8/13/2015	7/3/2018	4/2/2012	7/20/2016	4/3/2017	4/3/2017	4/20/2007	
Locality (Nahajališče)			Bukovo-Spodnje Bukovo	Stržišče-Rajtler	Znojile	Znojile	Cemerija	Lokve	Špičasti vrh	Kacenpoh-Ranskobl	Bukovski vrh-Kazarska grapa	Bukovski vrh	Gorenja Trebuša-Čuk	
Quadrant (Srednjeevropski kvadrant)			9849/1	9749/3	9849/2	9849/2	9849/2	9948/4	0050/3	9749/4	9849/3	9849/3	9949/3	
Coordinates (Koordinate) GK Y (D-48)		m	415441	415982	416914	417123	419118	407687	422613	420242	414462	414342	412301	
Coordinates (Koordinate) GK X (D-48)		m	5113154	5119478	5117556	5117380	5115188	5096289	5087778	5120182	5111714	5111644	5096829	
Diagnostic species of the association (Diagnostične vrste asociacije)													Pr	
TA	<i>Acer pseudoplatanus</i>	E3	3	4	1	1	3	+	5	2	3	4	2	11
TA	<i>Acer pseudoplatanus</i>	E2	.	+	+	.	.	.	1	.	+	.	.	4
TA	<i>Acer pseudoplatanus</i>	E1	3	+	1	+	.	+	.	.	+	.	.	6
AF	<i>Lamium orvala</i>	E1	3	3	+	2	1	1	.	1	2	.	2	8
TR	<i>Adenostyles glabra</i>	E1	1	.	.	.	.	.	.	.	.	.	.	1
MuA	<i>Polygonatum verticillatum</i>	E1	.	.	.	.	.	+	.	.	.	.	.	1
MuA	<i>Ranunculus platanifolius</i>	E1	.	.	.	.	.	.	+	.	.	.	.	1
MuA	<i>Saxifraga rotundifolia</i>	E1	.	.	.	.	.	.	.	.	1	.	.	1
TR	<i>Arabis alpina</i>	E1	.	.	.	.	.	.	.	.	+	.	.	1

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	Pr.
Geographical differential species (Geografske razlikovalne vrste)													
FS	<i>Cardamine pentaphyllos</i>	E1	.	.	.	.	.	.	1	3	1	.	3
AF	<i>Anemone trifolia</i>	E1	1	.	.	.	.	.	.	.	.	1	2
Differential species of the subassociation (Razlikovalna vrste subasociacije)													
FS	<i>Fraxinus excelsior</i>	E3	+	.	4	4	2	3	.	1	3	.	7
FS	<i>Fraxinus excelsior</i>	E2	1	.	.	.	.	+	.	.	.	.	2
FS	<i>Fraxinus excelsior</i>	E1	+	.	1	.	.	+	+	.	.	.	4
AF	<i>Scopolia carniolica</i>	E1	.	.	.	.	2	.	.	1	.	.	3
MuA	<i>Aconitum deganii</i> subsp. <i>paniculatum</i>	E1	.	.	.	.	.	.	.	.	+	.	1
Differential species of variants (Razlikovalne vrste variant)													
TA	<i>Geranium robertianum</i>	E1	.	1	+	+	1	1	.	.	+	.	6
FS	<i>Galium odoratum</i>	E1	1	1	.	2	2	+	+	.	.	.	6
TG	<i>Campanula rapunculoides</i>	E1	.	+	+	1	.	.	.	.	.	.	3
FS	<i>Carpinus betulus</i>	E3	+	1	r	+	.	.	.	.	.	.	4
FS	<i>Carpinus betulus</i>	E2	.	+	.	+	.	.	.	.	.	.	2
FS	<i>Carpinus betulus</i>	E1	.	+	.	.	.	.	.	.	.	.	1
TA	Tilio-Acerion	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Adoxa moschatellina</i>	E1	.	1	+	.	.	1	+	.	1	+	6
	<i>Arum maculatum</i>	E1	.	1	.	.	+	1	.	2	+	.	5
	<i>Lunaria rediviva</i>	E1	.	+	+	.	.	1	3	.	.	.	4
	<i>Polystichum aculeatum</i>	E1	+	+	.	.	.	.	.	2	1	1	5
	<i>Phyllitis scolopendrium</i>	E1	+	.	.	.	.	.	2	2	1	.	4
	<i>Sambucus nigra</i>	E3a	.	.	.	.	.	.	.	2	.	.	1
	<i>Sambucus nigra</i>	E2	2	2	.	.	.	+	+	.	.	.	4
	<i>Ulmus glabra</i>	E3b	.	.	+	.	1	1	.	.	.	.	3
	<i>Ulmus glabra</i>	E3a	.	.	.	.	1	.	.	.	.	.	1
	<i>Ulmus glabra</i>	E2a	.	.	.	.	.	+	.	.	.	1	2
	<i>Ulmus glabra</i>	E1	.	.	.	.	.	.	.	.	.	1	1
	<i>Hesperis candida</i>	E1	.	.	1	1	.	.	.	.	.	.	2
	<i>Tilia platyphyllos</i>	E3b	.	.	+	.	.	.	.	.	.	.	1
	<i>Tilia platyphyllos</i>	E2a	.	.	.	+	.	.	.	.	.	.	1
	<i>Tilia platyphyllos</i>	E1	.	.	+	+	.	.	.	.	.	.	2
	<i>Chrysosplenium alternifolium</i>	E1	.	.	.	.	1	.	.	1	.	.	2
	<i>Tilia cordata</i>	E3b	+	.	.	.	.	.	.	.	.	.	1
	<i>Tilia cordata</i>	E2b	+	.	.	.	.	.	.	.	.	.	1
	<i>Corydalis solida</i>	E1	.	.	.	.	.	1	.	.	.	.	1
	<i>Thalictrum aquilegifolium</i>	E1	.	.	.	.	.	+	.	.	.	.	1
	<i>Stellaria montana</i>	E1	.	.	.	.	.	.	.	1	.	.	1
	<i>Polystichum x luerssenii</i>	E1	.	.	.	.	.	.	.	+	.	.	1
	<i>Acer platanoides</i>	E3b	.	.	.	.	.	.	.	.	.	+	1
	<i>Acer platanoides</i>	E1	.	.	.	.	.	.	.	.	.	+	1
AI	Alnion incanae	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Cardamine impatiens</i>	E1	.	+	+	.	.	+	+	.	.	.	4
	<i>Impatiens noli-tangere</i>	E1	.	.	.	.	.	5	2	.	.	.	2
	<i>Viburnum opulus</i>	E2a	+	.	.	.	.	.	.	+	.	.	2
	<i>Carex remota</i>	E1	1	.	.	.	.	.	.	.	.	.	1
	<i>Equisetum telmateia</i>	E1	1	.	.	.	.	.	.	.	.	.	1
EC	Erythronio-Carpinion	.	.	.	.	.	.	.	.	.	.	.	.
	<i>Primula vulgaris</i>	E1	.	+	+	+	.	.	.	.	.	.	3
	<i>Ornithogalum pyrenaicum</i>	E1	.	.	1	+	.	.	.	.	.	.	2
	<i>Helleborus odoratus</i>	E1	+	.	.	.	.	.	.	.	.	.	1

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	Pr.
AF	<i>Aremonio-Fagion</i>												
	<i>Cardamine enneaphyllos</i>	E1	.	+	1	.	+	.	.	.	1	.	4
	<i>Cyclamen purpurascens</i>	E1	1	.	+	+	.	.	.	.	+	.	4
	<i>Cardamine trifolia</i>	E1	1	+	.	.	+	.	.	.	.	.	3
	<i>Omphalodes verna</i>	E1	.	.	.	+	.	.	.	.	1	.	2
	<i>Helleborus niger</i>	E1	1	.	.	.	.	.	.	.	.	.	1
	<i>Hacquetia epipactis</i>	E1	.	.	.	.	.	.	.	.	+	.	1
FS	<i>Fagetalia sylvaticae</i>												
	<i>Symphytum tuberosum</i>	E1	.	1	+	+	+	+	.	+	+	1	9
	<i>Salvia glutinosa</i>	E1	+	2	2	1	1	.	+	.	+	1	8
	<i>Dryopteris filix-mas</i>	E1	.	1	.	+	+	1	1	.	2	+	7
	<i>Mercurialis perennis</i>	E1	3	1	1	1	1	.	.	.	+	1	8
	<i>Fagus sylvatica</i>	E3	2	.	r	.	+	.	+	1	2	+	8
	<i>Fagus sylvatica</i>	E2	1	.	.	+	.	.	+	.	+	+	5
	<i>Fagus sylvatica</i>	E1	+	.	.	.	.	+	.	+	.	+	4
	<i>Galeobdolon flavidum</i>	E1	.	.	+	1	.	+	.	1	+	1	6
	<i>Cardamine bulbifera</i>	E1	.	2	2	1	.	1	1	.	+	.	6
	<i>Scrophularia nodosa</i>	E1	.	+	+	+	1	.	+	.	+	.	6
	<i>Mycelis muralis</i>	E1	.	.	+	+	+	.	+	.	+	.	5
	<i>Paris quadrifolia</i>	E1	1	+	.	.	.	+	+	.	+	+	6
	<i>Asarum europaeum</i> subsp. <i>caucasicum</i>	E1	1	.	1	+	.	.	.	+	+	.	6
	<i>Daphne mezereum</i>	E2a	.	1	.	.	.	.	.	+	.	+	4
	<i>Campanula trachelium</i>	E1	.	+	.	+	+	.	.	.	+	.	4
	<i>Festuca altissima</i>	E1	.	.	.	.	.	+	.	+	1	1	4
	<i>Myosotis sylvatica</i> agg.	E1	.	1	.	.	1	1	.	.	.	.	3
	<i>Heracleum sphondylium</i>	E1	.	+	+	.	.	.	1	.	.	.	3
	<i>Circaea lutetiana</i>	E1	.	.	.	.	1	.	1	.	1	.	3
	<i>Pulmonaria officinalis</i>	E1	1	+	.	.	+	.	.	.	.	.	3
	<i>Melica nutans</i>	E1	1	.	.	+	.	.	.	.	+	.	3
	<i>Sanicula europaea</i>	E1	1	.	.	.	.	.	+	.	.	+	3
	<i>Actaea spicata</i>	E1	.	.	.	.	.	.	+	.	+	.	2
	<i>Prunus avium</i>	E3b	+	+	.	+	.	.	.	.	.	.	3
	<i>Prunus avium</i>	E2a	.	.	.	.	.	.	.	.	.	+	1
	<i>Lathyrus vernus</i>	E1	+	.	.	+	.	.	.	.	.	.	2
	<i>Petasites albus</i>	E1	+	.	.	.	.	.	.	.	+	.	2
	<i>Brachypodium sylvaticum</i>	E1	.	.	.	+	.	.	.	.	+	.	2
	<i>Euphorbia amygdaloides</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Poa nemoralis</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Laburnum alpinum</i>	E2a	.	.	.	+	.	.	.	.	.	.	1
	<i>Laburnum alpinum</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Neottia nidus-avis</i>	E1	+	.	.	.	.	.	.	.	.	.	1
	<i>Allium ursinum</i>	E1	+	.	.	.	.	.	.	.	.	.	1
	<i>Euphorbia dulcis</i>	E1	.	.	.	+	.	.	.	.	.	.	1
	<i>Epilobium montanum</i>	E1	.	.	.	.	+	.	.	.	.	.	1
	<i>Ranunculus lanuginosus</i>	E1	.	.	.	.	.	1	.	.	.	.	1
	<i>Epipactis leptochila</i>	E1	.	.	.	.	.	+	.	.	.	.	1
	<i>Carex sylvatica</i>	E1	.	.	.	.	.	.	+	.	.	.	1
	<i>Phyteuma spicatum</i> subsp. <i>coeruleum</i>	E1	.	.	.	.	.	.	+	.	.	.	1
	<i>Galium laevigatum</i>	E1	.	.	.	.	.	.	.	.	+	.	1
	<i>Lonicera alpigena</i>	E2a	.	.	.	.	.	.	.	.	+	.	1
	<i>Corydalis cava</i>	E1	.	.	.	.	.	.	.	.	.	+	1

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	Pr.
	<i>Viola reichenbachiana</i>	E1	.	.	.	.	.	.	.	.	.	+	1
QP	<i>Quercetalia pubescenti-petraeae</i>												
	<i>Ostrya carpinifolia</i>	E3b	+	+	+	.	.	.	.	+	.	+	5
	<i>Ostrya carpinifolia</i>	E3a	+	.	+	.	.	.	.	+	.	.	3
	<i>Arabis turrita</i>	E1	.	.	1	1	.	.	.	.	.	.	2
	<i>Fraxinus ornus</i>	E3a	.	+	+	.	.	.	.	.	.	.	2
	<i>Fraxinus ornus</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Sesleria autumnalis</i>	E1	.	+	+	+	.	.	.	.	.	.	3
	<i>Melittis melissophyllum</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Cornus mas</i>	E2b	.	.	.	.	.	.	.	.	.	+	1
QR	<i>Quercetalia roboris</i>												
	<i>Rubus hirtus</i>	E2a	.	1	.	.	.	.	.	+	.	.	1
	<i>Populus tremula</i>	E2a	.	.	.	.	+	.	.	.	.	.	1
QF	<i>Querceto-Fagetea</i>												
	<i>Aegopodium podagraria</i>	E1	1	1	.	1	+	+	1	.	+	.	7
	<i>Corylus avellana</i>	E3a	.	.	+	+	.	.	.	2	.	+	4
	<i>Corylus avellana</i>	E2b	2	1	1	2	1	.	.	1	.	.	6
	<i>Acer campestre</i>	E3	+	1	+	+	.	.	+	.	.	+	6
	<i>Acer campestre</i>	E2b	.	.	+	.	.	.	.	.	.	.	1
	<i>Acer campestre</i>	E1	.	+	.	2	.	.	.	.	.	.	2
	<i>Anemone nemorosa</i>	E1	1	.	.	+	.	1	1	.	.	.	4
	<i>Lonicera xylosteum</i>	E2	+	.	.	1	.	.	.	1	.	.	3
	<i>Hepatica nobilis</i>	E1	1	.	.	+	.	.	.	.	.	+	3
	<i>Hedera helix</i>	E3a	.	.	.	+	.	.	.	.	.	.	1
	<i>Hedera helix</i>	E1	1	.	.	.	.	.	.	.	.	+	2
	<i>Listera ovata (Neottia ovata)</i>	E1	+	.	.	.	.	.	.	.	.	+	2
	<i>Vinca minor</i>	E1	.	.	.	+	.	.	.	.	.	1	2
	<i>Gagea lutea</i>	E1	.	.	.	.	.	.	.	+	.	.	2
	<i>Veratrum nigrum</i>	E1	.	.	.	.	.	.	.	+	1	.	2
	<i>Clematis vitalba</i>	E3a	.	.	.	.	.	.	.	+	.	.	1
	<i>Clematis vitalba</i>	E2a	1	.	.	.	.	.	.	.	.	.	1
	<i>Moehringia trinervia</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Clematis vitalba</i>	E2a	.	.	.	1	.	.	.	.	.	.	1
	<i>Clematis vitalba</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Festuca heterophylla</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Carex digitata</i>	E1	.	.	.	+	.	.	.	.	.	.	1
	<i>Cruciata glabra</i>	E1	.	.	.	+	.	.	.	.	.	.	1
	<i>Dactylorhiza fuchsii</i>	E1	.	.	.	.	.	1	.	.	.	.	1
	<i>Anemone ranunculoides</i>	E1	.	.	.	.	.	.	1	.	.	.	1
	<i>Scilla bifolia</i>	E1	.	.	.	.	.	.	1	.	.	.	1
VP	<i>Vaccinio-Piceetea</i>												
	<i>Aposeris foetida</i>	E1	1	+	.	.	.	.	.	.	+	+	4
	<i>Oxalis acetosella</i>	E1	.	+	.	.	.	+	+	.	+	.	4
	<i>Picea abies</i>	E3b	+	.	.	.	.	.	.	.	.	+	2
	<i>Picea abies</i>	E2b	.	.	.	.	.	.	.	.	.	+	1
	<i>Picea abies</i>	E2a	.	.	.	.	.	.	.	.	.	+	1
	<i>Maianthemum bifolium</i>	E1	.	.	.	.	.	+	+	.	.	.	2
	<i>Abies alba</i>	E3b	.	.	.	.	.	+	.	.	.	.	1
	<i>Abies alba</i>	E2a	.	.	.	.	.	.	+	.	.	.	1
	<i>Abies alba</i>	E1	.	.	.	.	.	.	+	.	.	.	1
	<i>Gentiana asclepiadea</i>	E1	.	.	.	.	.	.	1	.	.	.	1

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	Pr.
EP	<i>Solidago virgaurea</i>	E1	.	.	.	.	.	.	.	+	.	.	1
	<i>Erico-Pinetea</i>												
	<i>Cirsium erisithales</i>	E1	+	.	.	.	.	.	.	.	.	.	1
MuA	<i>Carex alba</i>	E1	.	.	.	.	.	.	.	.	.	+	1
	<i>Mulgedio-Aconitetea</i>												
	<i>Senecio ovatus</i> (<i>S. fuchsii</i>)	E1	.	1	+	+	3	1	1	.	+	.	7
SSC	<i>Chaerophyllum hirsutum</i>	E1	.	.	.	.	1	+	.	2	+	.	4
	<i>Athyrium filix-femina</i>	E1	3	1	.	.	.	1	.	.	.	.	3
	<i>Milium effusum</i>	E1	.	.	.	.	1	.	.	+	.	.	2
	<i>Myrrhis odorata</i>	E1	.	+	.	.	.	.	.	.	.	.	1
	<i>Phyteuma ovatum</i>	E1	.	.	.	+	.	.	.	.	.	.	1
	<i>Anthriscus nitida</i>	E1	.	.	.	.	.	+	.	.	.	.	1
	<i>Veratrum album</i> s. lat. (<i>V. lobelianum</i>)	E1	.	.	.	.	.	5	.	.	.	.	1
	<i>Sambuco-Salicion capreae</i>												
	<i>Salix caprea</i>	E3a	.	r	.	.	.	.	.	+	.	.	2
RP	<i>Sorbus aucuparia</i>	E2a	.	.	.	.	.	+	.	.	.	.	1
	<i>Sorbus aucuparia</i>	E1	.	.	.	.	+	.	.	.	.	.	1
	<i>Sambucus racemosa</i>	E2a	.	.	.	.	.	+	.	.	.	.	1
	<i>Rhamno-Prunetea</i>												
TG	<i>Viburnum lantana</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Cornus sanguinea</i>	E2b	.	.	.	.	.	.	.	+	.	.	1
EA	<i>Trifolio-Geranietea</i>												
	<i>Hypericum perforatum</i>	E1	.	.	r	.	+	.	.	.	.	.	2
	<i>Laserpitium latifolium</i>	E1	.	+	.	.	.	.	.	.	.	.	1
	<i>Lilium carniolicum</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Vincetoxicum hirundinaria</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Thalictrum minus</i>	E1	.	.	r	.	.	.	.	.	.	.	1
	<i>Calamintha sylvatica</i>	E1	.	.	.	.	+	.	.	.	.	.	1
	<i>Digitalis grandiflora</i>	E1	.	.	.	.	.	.	+	.	.	.	1
GU	<i>Epilobietea angustifolii</i>												
	<i>Galeopsis speciosa</i>	E1	.	+	.	.	.	+	+	.	.	.	3
	<i>Verbascum lanatum</i>	E1	.	.	.	.	+	.	.	.	.	.	1
	<i>Arctium minus</i>	E1	.	.	.	.	+	.	.	.	.	.	1
	<i>Rubus idaeus</i>	E2a	.	.	.	.	.	.	+	.	.	.	1
	<i>Atropa bella-donna</i>	E1	.	.	.	.	.	.	+	.	.	.	1
	<i>Arctium nemorosum</i>	E1	.	.	.	.	.	.	+	.	.	.	1
	<i>Fragaria vesca</i>	E1	.	.	.	.	.	.	+	.	.	.	1
PaT	<i>Galio-Urticetea</i>												
	<i>Urtica dioica</i>	E1	.	1	+	.	3	1	1	.	1	1	7
	<i>Geum urbanum</i>	E1	.	.	+	.	.	.	.	.	.	.	1
	<i>Torilis japonica</i>	E1	.	.	+	.	.	.	.	.	.	.	1
Mo	<i>Poo alpinae-Trisetetelia</i>												
	<i>Crocus albiflorus</i>	E1	.	.	.	.	.	.	+	.	.	.	1
MA	<i>Molinion</i>												
	<i>Caltha palustris</i>	E1	1	.	.	.	.	.	.	.	.	.	1
	<i>Angelica sylvestris</i>	E1	.	.	.	.	.	.	.	+	.	.	1
	<i>Molinio-Arrhenatheretea</i>												
	<i>Veronica chamaedrys</i>	E1	.	+	+	+	.	.	.	.	.	.	3
PaT	<i>Dactylis glomerata</i>	E1	.	.	.	+	.	.	.	.	.	.	1
	<i>Deschampsia cespitosa</i>	E1	.	.	.	.	.	+	.	.	.	.	1
	<i>Taraxacum</i> sect. <i>Taraxacum</i>	E1	.	.	.	.	.	.	.	+	.	.	1

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	Pr.
ES	<i>Elyno-Seslerietea</i>												
	<i>Betonica alopecuroides</i>	E1	.	.	r	.	.	.	.	.	.	.	1
TR	<i>Thlaspietea rotundifolii</i>												
	<i>Gymnocarpium robertianum</i>	E1	+	.	.	.	.	.	.	.	.	.	1
AP	<i>Astrantio carniolicae-Paederotium luteae</i>												
	<i>Cystopteris fragilis</i>	E1	.	.	.	.	.	.	.	+	.	.	1
	<i>Veronica urticifolia</i>	E1	.	.	.	.	.	.	.	+	.	.	1
AT	<i>Asplenietea trichomanis</i>												
	<i>Asplenium trichomanes</i>	E1	1	.	.	.	.	.	.	.	.	.	1
ML	Mosses and lichens (Mahovi in lišaji)												
	<i>Isoetecium alopecuroides</i>	E0	.	1	.	+	.	.	.	2	.	2	4
	<i>Brachythecium rutabulum</i>	E0	1	.	.	.	.	.	.	2	.	+	3
	<i>Homalothecium lutescens</i>	E0	.	.	+	+	.	.	.	.	.	1	3
	<i>Plagiomnium undulatum</i>	E0	1	.	.	.	1	.	.	.	.	.	2
	<i>Ctenidium molluscum</i>	E0	+	.	.	.	.	.	.	.	.	2	2
	<i>Peltigera canina</i>	E0	.	.	.	.	.	.	.	+	.	+	2
	<i>Fissidens dubius</i>	E0	+	.	.	.	.	.	.	.	.	.	1
	<i>Hypnum cupressiforme</i>	E0	.	1	.	.	.	.	.	.	.	.	1
	<i>Anomodon attenuatus</i>	E0	.	+	.	.	.	.	.	.	.	.	1
	<i>Mnium</i> sp.	E0	.	+	.	.	.	.	.	.	.	.	1
	<i>Alleniella complanata</i> (<i>Neckera complanata</i>)	E0	.	.	+	.	.	.	.	.	.	.	1
	<i>Palustriella commutata</i>	E0	.	.	.	.	.	.	+	.	.	.	1
	<i>Thamnobryum alopecurum</i>	E0	.	.	.	.	.	.	.	3	.	.	1
	<i>Conocephalum conicum</i>	E0	.	.	.	.	.	.	.	+	.	.	1
	<i>Anomodon viticulosus</i>	E0	.	.	.	.	.	.	.	+	.	.	1
	<i>Plagiochila porelloides</i>	E0	.	.	.	.	.	.	.	.	.	+	1
	<i>Mnium thomsonii</i>	E0	.	.	.	.	.	.	.	.	.	+	1

Legend – Legenda

- 1–9 *Lamio orvalae-Aceretum pseudoplatani fraxinetosum excelsioris*
10 *Lamio orvalae-Aceretum pseudoplatani* s. lat.
11 *Omphalodo-Aceretum pseudoplatani* s. lat.
L Limestone – Apnenec
D Dolomite – Dolomit
Cl Claystone – Glinavec
M Marlstone – Laporovec
C Chert – Roženec
De Debris – Grušč
Rs Rockfall – Podorno skalovje
Co Colluvial-deluvial soil – Kolvialno-deluvilna tla
Eu Eutric brown soil – Evtrična rjava tla
Br Brown calcareous soil – Rjava pokarbonatna tla
Pr. Presence (Prezenca) – Number of relevés in which the species is presented
(Število popisov, v katerih se pojavlja vrsta)

Table 5 (Tabela 5): *Senecio fuchsii-Aceretum pseudoplatani* nom. prov.

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	Pr.	Fr.	
Database number of relevé (Številka popisa v podatkovni bazi)		257839	257844	257846	257847	273226	278115	297466	283290			
Altitude in m (Nadmorska višina v m)		890	955	960	970	950	920	870	1210			
Aspect (Lega)		SSE	SE	SE	SSE	NEE	N	NW	SE			
Slope in degrees (Nagib v stopinjah)		30	30	25	25	20	30	15	10			
Parent material (Matična podlaga)		M	M	M	M	M	LM	DM	L			
Soil type (Talni tip)		Eu	Eu	Eu	Eu	Eu	Eu	Br	Co			
Stoniness in % (Kamnitost v %)		0	0	0	0	0	5	10	10			
Cover in % (Zastiranje v %)												
Tree layer (Drevesna plast)	E3	90	90	90	90	80	80	80	90			
Shrub layer (Grmovna plast)	E2	1	5	.	.	10	5	10	20			
Herb layer (Zeliščna plast)	E1	90	100	90	90	95	70	60	80			
Moss layer (Mahovna plast)	E0	.	.	.	.	.	5	10	.			
Maximum tree diameter (Maksimalni premer dreves)	cm	25	30	30	30	35	40	30	20			
Maximum tree height (Maksimalna višina dreves)	m	20	20	20	20	20	24	20	15			
Number of species (Število vrst)		13	24	14	9	32	37	53	31			
Relevé area (Velikost popisne ploskve)	m²	400	400	400	400	400	400	400	400			
Date of taking relevé (Datum popisa)		8/13/2015	8/13/2015	8/13/2015	8/13/2015	9/18/2018	6/26/2019	4/30/2024	7/20/2020			
Locality (Nahajališče)		Cemerija	Obid	Obid	Obid	Koriška planina	Koriška planina	Horenja-V rob	Čaven-Mali Modrasovec			
Quadrant (Srednjeevropski kvadrant)		9849/2	9849/2	9849/2	9849/2	9849/1	9849/1	9949/1	0049/3			
Coordinates (Koordinate) GK Y (D-48)		418516	419461	419537	419691	412262	412363	412512	411005			
Coordinates (Koordinate) GK X (D-48)		5114933	5114838	5114908	5114948	5115895	5115873	5103324	5087754			
Diagnostic species of the association (Diagnostične vrste asociacije)											Pr.	Fr.
TA	<i>Acer pseudoplatanus</i>	E3b	5	3	4	5	3	3	4	5	8	100
TA	<i>Acer pseudoplatanus</i>	E3a	+	+	.	.	1	+	+	.	5	63
TA	<i>Acer pseudoplatanus</i>	E2b	.	.	.	.	+	.	+	.	2	25
TA	<i>Acer pseudoplatanus</i>	E1	.	.	.	.	+	+	+	.	3	38
MuA	<i>Senecio ovatus</i> (<i>S. fuchsii</i>)	E1	5	5	5	4	1	1	1	2	8	100
GU	<i>Urtica dioica</i>	E1	1	1	1	1	1	+	+	2	8	100
FS	<i>Salvia glutinosa</i>	E1	2	2	2	3	1	1	1	.	7	88
QF	<i>Aegopodium podagraria</i>	E1	2	1	1	2	+	+	.	.	6	75
TA	<i>Fraxinus excelsior</i>	E3b	.	3	.	.	.	+	.	.	2	25
TA	<i>Fraxinus excelsior</i>	E2	.	.	.	.	.	.	1	+	2	25
TA	<i>Fraxinus excelsior</i>	E1	1	1	1	.	+	+	.	.	5	63

Number of relevé (Zaporedna številka popisa)			1	2	3	4	5	6	7	8	Pr.	Fr.
FS	<i>Circaea lutetiana</i>	E1	.	1	1	.	+	1	.	.	4	50
TA	<i>Stellaria montana</i>	E1	.	.	1	.	1	1	.	.	3	38
Differential species of variants (Razlikovalne vrste variant)												
MuA	<i>Silene dioica</i>	E1	+	1	1	+	.	.	.	.	4	50
AG	<i>Alnus glutinosa</i>	E3b	.	.	.	.	3	3	.	.	2	25
AG	<i>Alnus glutinosa</i>	E2b	.	.	.	.	.	+	.	.	1	13
AI	<i>Impatiens noli-tangere</i>	E1	.	.	.	.	3	2	.	.	2	25
VP	<i>Phegopteris connectilis</i>	E1	.	.	.	.	1	1	.	.	2	25
RP	<i>Crataegus monogyna</i>	E2	.	.	.	.	+	+	.	.	2	25
AI	<i>Matteuccia struthiopteris</i>	E1	.	.	.	.	4	.	.	.	1	13
VP	<i>Dryopteris dilatata</i>	E1	.	.	.	.	+	.	.	.	1	13
VP	<i>Thelypteris limbosperma</i>	E1	.	.	.	.	.	1	.	.	1	13
QR	<i>Rubus hirtus</i>	E2a	.	.	.	.	.	+	.	.	1	13
Mo	<i>Juncus effusus</i>	E1	.	.	.	.	.	+	.	.	1	13
MuA	<i>Veratrum album</i> subsp. <i>lobelianum</i>	E1	.	.	.	.	.	.	2	.	1	13
AF	<i>Omphalodes verna</i>	E1	.	.	.	.	.	.	1	.	1	13
AF	<i>Rhamnus fallax</i>	E2	.	.	.	.	.	.	1	.	1	13
FS	<i>Asarum europaeum</i> subsp. <i>caucasicum</i>	E1	.	.	.	.	.	.	1	.	1	13
FS	<i>Mercurialis perennis</i>	E1	.	.	.	.	.	.	1	.	1	13
FS	<i>Paris quadrifolia</i>	E1	.	.	.	.	.	.	1	.	1	13
Mo	<i>Ophioglossum vulgatum</i>	E1	.	.	.	.	.	.	1	.	1	13
Mo	<i>Colchicum autumnale</i>	E1	.	.	.	.	.	.	1	.	1	13
AF	<i>Anemone trifolia</i>	E1	.	.	.	.	.	.	+	.	2	25
AF	<i>Helleborus niger</i>	E1	.	.	.	.	.	.	+	.	2	25
MA	<i>Angelica sylvestris</i>	E1	.	.	.	.	.	.	.	3	1	13
MA	<i>Deschampsia cespitosa</i>	E1	.	.	.	.	.	.	.	2	1	13
TG	<i>Laserpitium latifolium</i>	E1	.	.	.	.	.	.	.	+	1	13
TG	<i>Lilium bulbiferum</i>	E1	.	.	.	.	.	.	.	+	1	13
QP	<i>Arabis turrita</i>	E1	.	.	.	.	.	.	.	+	1	13
QP	<i>Peucedanum schottii</i> (<i>Dichoropetalum schottii</i>)	E1	.	.	.	.	.	.	.	+	1	13
MuA	<i>Aconitum degenii</i> subsp. <i>paniculatum</i>	E1	.	.	.	.	.	.	.	+	1	13
TA	<i>Tilio-Acerion</i>											
	<i>Sambucus nigra</i>	E2a	+	.	.	.	.	.	.	+	2	25
	<i>Sambucus nigra</i>	E2b	.	.	.	.	.	.	.	+	1	13
	<i>Ulmus glabra</i>	E3b	.	.	+	.	.	.	.	.	1	13
	<i>Ulmus glabra</i>	E2a	.	.	.	.	.	.	1	.	1	13
	<i>Juglans regia</i>	E3	.	.	.	.	.	.	1	.	1	13
	<i>Juglans regia</i>	E2	.	.	.	.	.	+	1	.	1	13
	<i>Polystichum braunii</i>	E1	.	.	.	.	.	1	.	.	1	13
	<i>Geranium robertianum</i>	E1	.	.	.	.	.	.	.	1	1	13
	<i>Adoxa moschatellina</i>	E1	.	.	.	.	.	.	1	.	1	13
	<i>Tilia platyphyllos</i>	E1	.	.	.	.	.	.	+	.	1	13
AI	<i>Alnion incanae</i>											
	<i>Festuca gigantea</i>	E1	.	+	.	.	+	.	.	.	2	25
AF	<i>Aremonio-Fagion</i>											
	<i>Lamium orvala</i>	E1	+	.	.	.	.	.	3	.	2	25
	<i>Cardamine trifolia</i>	E1	.	.	.	.	+	.	.	.	1	13
EC	<i>Erythronio-Carpinion</i>											
	<i>Primula vulgaris</i>	E1	.	+	.	.	.	+	+	.	3	38
	<i>Ornithogalum pyrenaicum</i>	E1	.	.	.	.	.	.	.	1	1	13

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	Pr.	Fr.
FS	Fagetalia sylvaticae										
	<i>Myosotis sylvatica</i>	E1	+	.	1	.	.	+	+	.	4 50
	<i>Dryopteris filix-mas</i>	E1	.	+	.	.	.	1	+	3	38
	<i>Fagus sylvatica</i>	E3a	.	.	.	.	r	.	.	1	13
	<i>Fagus sylvatica</i>	E2	.	.	.	.	+	+	+	3	38
	<i>Fagus sylvatica</i>	E1	.	.	.	.	.	+	.	1	13
	<i>Epilobium montanum</i>	E1	.	.	.	.	+	.	+	2	25
	<i>Daphne mezereum</i>	E2a	.	.	.	.	+	+	+	3	38
	<i>Mycelis muralis</i>	E1	.	.	.	.	+	+	+	3	38
	<i>Scrophularia nodosa</i>	E1	.	.	.	.	+	.	+	2	25
	<i>Prunus avium</i>	E3a	.	+	.	.	.	.	.	1	13
	<i>Prunus avium</i>	E1	.	.	.	.	.	+	.	1	13
	<i>Brachypodium sylvaticum</i>	E1	.	1	.	.	.	.	.	1	13
	<i>Poa nemoralis</i>	E1	.	.	.	.	1	.	.	1	13
	<i>Carex sylvatica</i>	E1	.	.	.	.	+	.	.	1	13
	<i>Cardamine bulbifera</i>	E1	.	.	.	.	+	+	.	2	25
	<i>Heracleum sphondylium</i>	E1	.	.	.	.	.	+	+	2	25
	<i>Polygonatum multiflorum</i>	E1	.	.	.	.	.	+	.	1	13
	<i>Pulmonaria officinalis</i>	E1	.	.	.	.	.	+	.	1	13
	<i>Actaea spicata</i>	E1	.	.	.	.	.	+	.	1	13
	<i>Galeobdolon flavidum</i>	E1	.	.	.	.	.	+	.	1	13
	<i>Melica nutans</i>	E1	.	.	.	.	.	+	.	1	13
	<i>Symphytum tuberosum</i>	E1	.	.	.	.	.	+	.	1	13
QP	Quercetalia pubescenti-petraeae										
	<i>Fraxinus ornus</i>	E1	.	.	.	.	.	+	.	1	13
QF	Querc-Fagetea										
	<i>Corylus avellana</i>	E2b	.	.	1	1	.	.	+	+	4 50
	<i>Corylus avellana</i>	E2a	.	.	.	.	.	.	+	1	13
	<i>Anemone nemorosa</i>	E1	.	.	.	.	+	+	+	4	50
	<i>Cruciata glabra</i>	E1	.	.	.	.	+	.	+	2	25
	<i>Carex montana</i>	E1	.	.	.	.	.	.	+	1	13
	<i>Clematis vitalba</i>	E1	.	1	.	.	.	.	.	1	13
	<i>Pyrus pyraeaster</i>	E3b	.	+	.	.	.	.	.	1	13
	<i>Viola riviniana</i>	E1	.	+	.	.	.	.	.	1	13
	<i>Festuca heterophylla</i>	E1	.	.	.	.	+	.	.	1	13
	<i>Dactylorhiza fuchsii</i>	E1	.	.	.	.	.	+	.	4	50
	<i>Moehringia trinervia</i>	E1	.	.	.	.	.	+	.	4	50
	<i>Listera ovata</i> (<i>Neottia ovata</i>)	E1	.	.	.	.	.	+	.	1	13
	<i>Pyrus communis</i>	E3b	.	.	.	.	.	+	.	4	50
VP	Vaccinio-Piceetea										
	<i>Picea abies</i>	E3	+	+	+	.	+	.	.	4	50
	<i>Picea abies</i>	E2b	.	.	.	.	+	.	+	2	25
	<i>Calamagrostis arundinacea</i>	E1	.	+	.	.	1	.	.	2	25
	<i>Oxalis acetosella</i>	E1	.	.	.	.	+	+	.	2	25
RP	Rhamno-Prunetea, Sambuco-Salicion capreae										
	<i>Rubus fruticosus</i> agg.	E2a	.	.	.	.	+	.	.	1	13
	<i>Salix caprea</i>	E3b	.	.	.	.	+	.	.	1	13
MuA	Mulgedio-Aconitetea										
	<i>Athyrium filix-femina</i>	E1	+	.	.	.	1	2	+	4	50
	<i>Carduus personata</i>	E1	.	.	+	.	.	.	.	1	13

Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	Pr.	Fr.
EA	<i>Epilobietea angustifolii</i>										
	<i>Galeopsis speciosa</i>	E1	+	+	.	.	1	.	2	4	50
	<i>Rubus idaeus</i>	E2a	.	+	.	+	+	.	2	4	50
	<i>Galeopsis pubescens</i>	E1	.	+	.	+	.	.	2	25	
	<i>Stachys sylvatica</i>	E1	.	.	.	.	+	+	2	25	
	<i>Fragaria vesca</i>	E1	.	.	.	.	+	+	2	25	
	<i>Bromopsis benekenii</i>	E1	.	.	.	.	.	1	1	13	
	<i>Arctium nemorosum</i>	E1	.	.	.	.	.	+	1	13	
TG	<i>Trifolio-Gernietea, Festuco-Brometea</i>										
	<i>Verbascum lanatum</i>	E1	.	+	.	.	.	.	2	25	
	<i>Brachypodium rupestre</i>	E1	.	+	.	.	.	.	1	13	
GU	<i>Galio-Urticetea, Stellarietea mediae</i>										
	<i>Geum urbanum</i>	E1	.	.	.	1	1	.	3	38	
	<i>Lamium maculatum</i>	E1	.	.	.	1	.	.	1	13	
	<i>Rumex obtusifolius</i>	E1	.	.	.	.	.	+	1	13	
MA	<i>Molinio-Arrhenatheretea</i>										
	<i>Dactylis glomerata</i>	E1	.	+	.	.	+	.	2	25	
	<i>Ajuga reptans</i>	E1	.	.	.	.	.	.	1	13	
	<i>Plantago major</i>	E1	.	.	.	.	.	.	1	13	
	<i>Veronica chamaedrys</i>	E1	.	.	.	.	.	.	1	13	
	<i>Taraxacum</i> sect. <i>Taraxacum</i>	E1	.	.	.	.	+	.	1	13	
NS	<i>Nardetalia stricate</i>										
	<i>Viola canina</i>	E1	.	.	.	.	.	+	2	25	
AT	<i>Asplenetia trichomanis</i>										
	<i>Asplenium trichomanes</i>	E1	.	.	.	.	.	+	1	13	
ML	Mosses (Mahovi)										
	<i>Atrichum undulatum</i>	E0	.	.	.	.	.	.	1	13	
	<i>Ctenidium molluscum</i>	E0	.	.	.	.	.	1	1	13	
	<i>Plagiomnium undulatum</i>	E0	.	.	.	.	.	1	1	13	
	<i>Homalothecium lutescens</i>	E0	.	.	.	.	.	+	1	13	

Legend – Legenda

Mo *Molinion*

L Limestone – Apnenec

D Dolomite – Dolomit

M Marlstone – Laporovec

Co Colluvial-deluvial soil – Koluvijsko-deluvijna tla

Eu Eutric brown soil – Evtrična rjava tla

Br Brown calcareous soil – Rjava pokarbonatna tla

Pr. Presence (Prezenca) – Number of relevés in which the species is presented (Število popisov, v katerih se pojavlja vrsta)

Fr. Frequency in % – Frekvenca v %

Table 6 (Tabela 6): *Ornithogalo pyrenaici-Aceretum pseudoplatani*, Brkini, Suhorica*

Number of relevé (Zaporedna številka popisa)		1	2	3	4	Pr.
Database number of relevé (Številka popisa v podatkovni bazi)		293431	293435	293440	294075	
Altitude in m (Nadmorska višina v m)		525	560	495	400	
Aspect (Lega)		N	NNW	NW	NEE	
Slope in degrees (Nagib v stopinjah)		25	25	15	25	
Parent material (Matična podlaga)		Fl	Fl	Fl	Fl	
Soil type (Talni tip)		Eu	Eu	Co	Eu	
Stoniness in % (Kamnitost v %)		1	1	20	0	
Cover in % (Zastiranje v %)						
Upper tree layer (Zgornja drevesna plast)		E3b	80	70	70	80
Lower tree layer (Spodnja drevesna plast)		E3a	5	10	5	.
Shrub layer (Grmovna plast)		E2	20	20	20	30
Herb layer (Zeliščna plast)		E1	80	80	70	30
Moss layer (Mahovna plast)		E0	5	5	10	5
Maximum tree diameter (Maksimalni premer dreves)		cm	40	45	30	40
Maximum tree height (Maksimalna višina dreves)		m	25	27	70	25
Number of species (Število vrst)			40	41	38	24
Relevé area (Velikost popisne ploskve)		m ²	400	400	400	400
Date of taking relevé (Datum popisa)		5/9/2022	5/9/2022	5/9/2022	3/28/2023	
Locality (Nahajališče)		Suhorica Rigel	Suhorica Rigel	Suhorica Nebrce	Suhorica	
Quadrant (Srednjeevropski kvadrant)		0350/4	0350/4	0350/4	0350/4	
Coordinates (Koordinate) GK Y (D-48)		m	430561	430650	430461	430091
Coordinates (Koordinate) GK X (D-48)		m	5053710	5053647	5053670	5054872
Diagnostic species of the association (Diagnostične vrste asociacije)						Pr.
TA	<i>Acer pseudoplatanus</i>	E3	5	3	1	4
TA	<i>Acer pseudoplatanus</i>	E2	.	.	1	.
TA	<i>Acer pseudoplatanus</i>	E1	.	+	.	.
AF	<i>Lamium orvala</i>	E1	2	4	4	2
TA	<i>Arum maculatum</i>	E1	+	+	+	1
FS	<i>Carpinus betulus</i>	E3	+	2	2	.
FS	<i>Carpinus betulus</i>	E2	+	.	+	+
FS	<i>Carpinus betulus</i>	E1	+	.	.	.
EC	<i>Ornithogalum pyrenaicum</i>	E1	.	+	.	1
TA	<i>Tilio-Acerion</i>					
	<i>Sambucus nigra</i>	E2	+	2	+	2
	<i>Juglans regia</i>	E3b	.	+	r	.
	<i>Dryopteris affinis</i>	E1	+	.	1	.
	<i>Tilia platyphyllos</i>	E3a	+	.	.	.
	<i>Stellaria montana</i>	E1	.	.	3	.
	<i>Polystichum x luerssenii</i>	E1	.	.	+	.
AI	<i>Alnion incanae</i>					
	<i>Alnus glutinosa</i>	E3b	+	2	2	2
	<i>Dryopteris carthusiana</i>	E1	+	+	+	.
AF	<i>Aremonio-Fagion</i>					
	<i>Geranium nodosum</i>	E1	+	+	+	.
	<i>Scopolia carniolica</i>	E1	+	.	.	.
EC	<i>Erythronio-Carpinion</i>					
	<i>Primula vulgaris</i>	E1	.	.	.	+
FS	<i>Fagetalia sylvaticae</i>					
	<i>Symphytum tuberosum</i>	E1	2	2	1	1

Number of relevé (Zaporedna številka popisa)		1	2	3	4	Pr.
	<i>Pulmonaria officinalis</i>	E1	1	1	+	4
	<i>Galeobdolon montanum</i>	E1	2	1	2	3
	<i>Dryopteris filix-mas</i>	E1	+	1	+	3
	<i>Circaea lutetiana</i>	E1	+	+	+	3
	<i>Salvia glutinosa</i>	E1	.	+	+	3
	<i>Asarum europaeum</i> subsp. <i>caucasicum</i>	E1	+	1	.	2
	<i>Petasites albus</i>	E1	+	.	1	2
	<i>Fagus sylvatica</i>	E2b	+	.	.	1
	<i>Fagus sylvatica</i>	E2a	+	.	.	1
	<i>Prunus avium</i>	E1	+	.	.	1
	<i>Euphorbia dulcis</i>	E1	.	+	.	1
	<i>Polygonatum multiflorum</i>	E1	.	+	.	1
	<i>Fraxinus excelsior</i>	E1	.	+	.	1
	<i>Paris quadrifolia</i>	E1	.	+	.	1
	<i>Actaea spicata</i>	E1	.	+	.	1
	<i>Sanicula europaea</i>	E1	.	+	.	1
	<i>Viola reichenbachiana</i>	E1	.	+	.	1
	<i>Galium odoratum</i>	E1	.	.	+	1
	<i>Carex sylvatica</i>	E1	.	.	+	1
	<i>Mycelis muralis</i>	E1	.	.	+	1
QP	<i>Quercetalia pubescenti-petraeae</i>					
	<i>Fraxinus ornus</i>	E3b	.	+	.	1
	<i>Fraxinus ornus</i>	E2a	.	.	+	1
QR	<i>Quercetalia roboris</i>					2
	<i>Rubus hirtus</i>	E2a	+	1	.	1
QF	<i>Quercus-Fagetea</i>					
	<i>Aegopodium podagraria</i>	E1	2	2	1	4
	<i>Anemone nemorosa</i>	E1	2	1	1	4
	<i>Hedera helix</i>	E3a	r	+	+	3
	<i>Hedera helix</i>	E1	+	+	+	4
	<i>Ranunculus ficaria</i>	E1	1	1	2	3
	<i>Corylus avellana</i>	E3a	.	+	.	1
	<i>Corylus avellana</i>	E2b	1	2	1	3
	<i>Corylus avellana</i>	E2a	1	+	+	3
	<i>Acer campestre</i>	E3a	+	.	+	2
	<i>Acer campestre</i>	E2b	.	.	1	2
	<i>Acer campestre</i>	E2a	.	.	1	1
	<i>Acer campestre</i>	E1	.	+	.	1
	<i>Cenastium sylvaticum</i>	E1	+	+	.	2
	<i>Clematis vitalba</i>	E3a	.	+	+	2
	<i>Moehringia trinervia</i>	E1	+	.	.	1
	<i>Melica uniflora</i>	E1	.	+	.	1
VP	<i>Vaccinio-Piceetea</i>					
	<i>Oxalis acetosella</i>	E1	1	1	+	4
	<i>Dryopteris dilatata</i>	E1	1	+	1	3
	<i>Maianthemum bifolium</i>	E1	+	.	.	1
	<i>Picea abies</i>	E2b	.	.	+	1
	<i>Aposeris foetida</i>	E1	.	+	.	1
RP	<i>Rhamno-Prunetea</i>					
	<i>Euonymus europaea</i>	E2a	+	.	.	2
	<i>Crataegus monogyna</i>	E2	+	.	1	2
	<i>Sorbus aucuparia</i>	E2a	.	.	+	1

Number of relevé (Zaporedna številka popisa)		1	2	3	4	Pr.	
MuA	Mulgedio-Aconitetea						
	<i>Athyrium filix-femina</i>	E1	2	2	+	+	4
	<i>Senecio ovatus</i> (<i>S. fuchsii</i>)	E1	+	.	.	.	1
	<i>Ribes uva-crispa</i>	E2a	.	.	.	2	1
EA	Epilobietea angustifolii, Galio-Urticetea						
	<i>Stachys sylvatica</i>	E1	.	+	.	.	1
	<i>Geum urbanum</i>	E1	.	.	.	+	1
MA	Molinio-Arrhenatheretea						
	<i>Deschampsia cespitosa</i>	E1	+	.	.	+	2
M	Mosses (Mahovi)						
	<i>Atrichum undulatum</i>	E0	+	+	.	.	2
	<i>Brachythecium velutinum</i>	E0	+	.	.	1	2
	<i>Ctenidium molluscum</i>	E0	.	.	+	+	2
	<i>Eurhynchium striatum</i>	E0	+	.	.	.	1
	<i>Plagiomnium undulatum</i>	E0	.	.	1	.	1
	<i>Fissidens taxifolius</i>	E0	.	.	+	.	1

Legend – Legenda

Fl Flysch – Fliš

Eu Eutric brown soil – Evtrična rjava tla

Co Colluvial-deluvial soil – Koluvijsko-deluvijalna tla

Pr. Presence (Prezenca) – Number of relevés in which the species is presented (Število popisov, v katerih se pojavlja vrsta)

* Dakskobler (2024, Table 6, relevés 8–11 – Preglednica 6, popisi 8–11)