Hacquetia 25/1 • 2026, 75–117 DOI: 10.3986/hacq-2025-0027

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

Igor Dakskobler[1]

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 sylvaticae* (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.

Izvleček

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 sylvaticae* (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

1 Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Biology, Regional unit Tolmin, Tolmin, Slovenia

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).

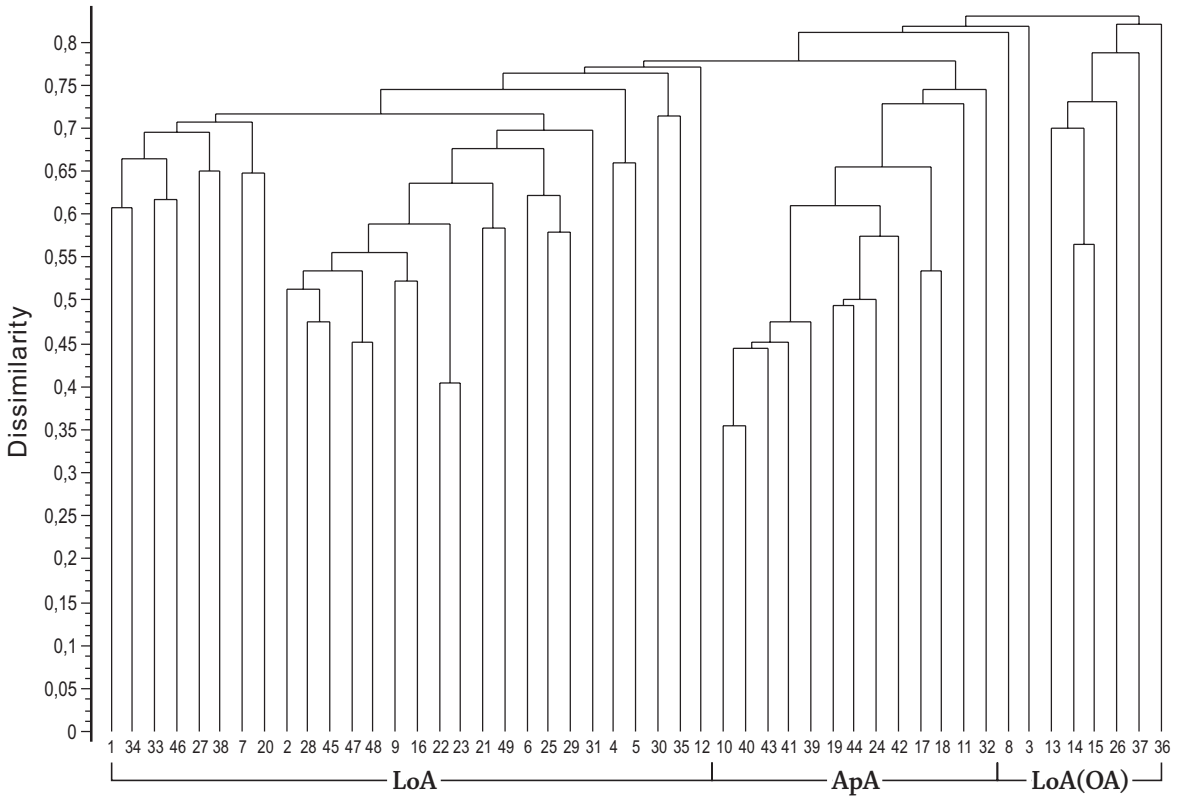
Lamio orvalae-Aceretum pseudoplatani fraxinetosum excelsioris

Hierarchical classification of montane and subalpine maple stands from northern, nortwestern 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, nortwestern 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, Prnus 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-Acereteum pseudoplatani*, ApA *Aconito paniculati-Aceretum pseudoplatani*, OA *Omphalodo-Aceretum pseudoplatani.*

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 frigoriphilic 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 pseudoplatani fraxinetosum excelsioris*, under Vratca above the Belca valley (Landscape park Zgornja Idrijca), relevé 15 in Table 1. Photo: I. Dakskobler.
Slika 3: Sestoj subasociacije *Lamio orvalae-Aceretum pseudoplatani fraxinetosum excelsioris*, pod Vratci nad dolino Belce (Krajinski park Zgornja Idrijca), 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 psudoplatani,* 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 occcur 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 pseudoplatani* (Košir, 2005b).

Aconito paniculati-Aceretum pseudoplatani 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 pseudoplatani* 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 asscociation *Aconito paniculati-Aceretum pseudoplatani*, Bohinj, Bukovske Planine, near the montane pasture Osredki, Silj, relevé 10 in Table 2. Photo: I. Dakskobler.

Slika 4: Sestoj asociacije *Aconito paniculati-Aceretum pseudoplatani*, 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 *Tephroseris crispa*. 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: Tesne 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 pseudoplatani* var. *Heracleum pollinianum* subvar. *Saxifraga rotundifola*. Photo: I. Dakskobler.
Slika 7: Bukovska korita s sestoji subvariante *Aconito paniculati-Aceretum pseudoplatani* var. *Heracleum pollinianum* subvar. *Saxifraga rotundifola*. Foto: I. Dakskobler.

Senecio fuchsii-Aceretum pseudoplatani 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-Fraxinetum excelsioris*; Dakskobler, 2006), and pioneer stands of broad- and small-leaved lime in the Čepovan valley (*Lamio orvalae-Tilietum platyphylli*; Dakskobler & Poldini, 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

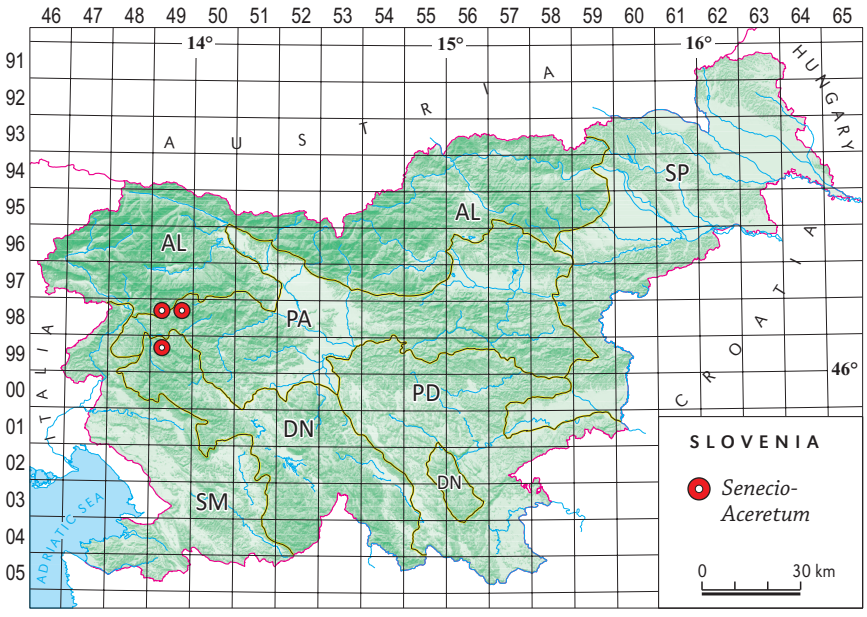


Figure 8: Approximate localities of the stands of the association *Senecio fuchsii-Aceretum pseudoplatani* nom. prov. on the map of Slovenia.
Slika 8: Približna nahajališča sestojev asociacije *Senecio fuchsii-Aceretum pseudoplatani* nom. prov. na zemljevidu Slovenije.

Figure 9: Stand of the asscociation *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 robeh, 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 pseuoplatani* 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

Querco-Fagetea Br.-Bl. & Vlieg. 1937 (*Carpino-Fagetea* Passarge et Hofmann 1968)
Fagetalia sylvaticae Walas 1933
Tilio-Acerion Klika 1955
Lamio orvalae-Acerenion pseudoplatani P. Košir, Čarni & Di Pietro 2008
Omphalodo vernae-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 pseudoplatni*). Our description of for 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 pseudoplatani*, 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 pseudoplatni*) in o pionirskih gozdovih plemenitih listavcev na opuščenih kmetijskih površinah, z opisom za zdaj le provizorične ascociacije *Senecio fuchsii-Aceretum pseudoplatani*. 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

Aeschimann, 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 rastiščni tipi Slovenije: vegetacijske, sestojne in upravljavske 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 (*Ostryo-Tilienion platyphylli*) 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 semenk. 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*, Suplement 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.

Hacquetia 25/1 • 2026, 75–117

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

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.
Database number of relevé (Številka popisa v podatkovni bazi)		221162	221259	263804	217998	269566	269084	292943	259522	281521	230529	254840	218005	261684	291913	296350	296351	242084	251169	254948	254971	254841	296398	221472	257789	262109		
Altitude in m (Nadmorska višina v m)		890	1050	615	850	745	840	736	1175	480	795	950	920	950	1090	965	940	903	1060	1190	1250	1045	1185	740	770	1200		
Aspect (Lega)		NNW	SW	SWW	SE	SEE	S	N	S	SEE	N	SW	SE	N	NE	NE	NE	N	N	SW	NE	SW	SW	NE	NNW	NW		
Slope in degrees (Nagib v stopinjah)		40	20	25	10	10	10	15	30	25	25	5	10	25	30	30	10	30	20	25	15	15	0-20	25	10	15		
Parent material (Matična podlaga)		LMC	A	LMC	De	Ta	Ts	Rs	De	De	De	Gr	D	D	D	De	Rs	De	L	L	L	De	L	De	De	De		
Soil type (Talni tip)		Co	Re	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Re	Re	Re	Co	Co	Co	Co	Co		
Stoniness in % (Kamnitost v %)		30	20	10	30	20	60	80	90	40	40	5	30	40	20	30	40	20	70	60	20	80	90	30	70	20		
Cover in % (Zastiranje v %)																												
Upper tree layer (Zgornja drevesna plast)	E3b	80	80	80	80	80	80	60	70	50	70	80	80	80	80	80	70	80	80	90	80	80	70	80	80	80		
Lower tree layer (Spodnja drevesna plast)	E3a	10	10	20	·	·	10	·	10	·	10	5	5	10	·	·	·	·	·	·	·	·	·	20	·	10		
Shrub layer (Grmovna plast)	E2	5	1	5	10	20	5	20	10	20	20	30	5	10	10	5	10	10	5	1	1	10	10	20	1	5		
Herb layer (Zeliščna plast)	E1	70	60	95	60	80	60	40	60	60	60	90	70	90	90	80	80	80	80	50	90	70	60	70	50	90		
Moss layer (Mahovna plast)	E0	10	20	10	10	10	10	30	10	20	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	40	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	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)	m^2	400	200	400	200	400	400	400	200	200	200	200	200	400	400	400	400	100	200	400	200	200	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	5/2/2011	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	Mrzlica-Slapišče	Črna draga-Belca	Voje	Kačenpoh	Batava	Javorca-Rdeči rob	Kozjek	Slatenik	Draga-Medvodje	Črna draga-Belca	Špik	Varica-Črna draga	Varica-Belca	Varica-Belca	Špičnikova grapa	Bikovnik	Sorte	Potegle	Draga-Medvodje	Slejkov vrh	Matajur-Bart	Polovnik-Slatenik	Osredki-Vrtače		
Quadrant (Srednjeevropski kvadrant)		9846/3	9647/2	9748/3	0049/2	9649/3	9749/4	9749/4	9748/3	9948/2	9647/4	9551/3	0049/1	0050/3	0049/1	0049/1	0049/1	9849/2	0050/3	0049/4	0049/2	9551/3	0048/4	9747/3	9647/4	9749/4		
Coordinates (Koordinate) GK Y (D-48)	m	5124719	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)	m	5111695	5139693	5120692	5093496	5132299	5120990	5118346	5123149	5105414	5130127	5140219	5093780	5087524	5093121	5093302	5093354	5117120	5086850	5089721	5090120	5140540	5089380	5120462	5130098	5122771		

	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.
	Diagnostic species of the association (Diagnostične vrste asociacije)																											Pr.	Fr.
TA	*Acer pseudoplatanus*	E3b	1	4	4	2	4	4	3	3	2	4	5	3	3	4	3	3	3	4	4	4	5	4	3	+	3	25	100
TA	*Acer pseudoplatanus*	E3a	1	+	1	+	1	+	.	1	.	+	+	+	+	.	.	.	+	.	.	.	.	+	.	.	.	13	52
TA	*Acer pseudoplatanus*	E2	.	.	+	+	.	.	.	+	2	+	.	.	1	.	1	.	.	.	.	.	+	.	.	.	.	8	32
TA	*Acer pseudoplatanus*	E1	+	1	.	.	+	.	.	1	+	+	+	+	+	.	1	1	+	.	1	+	1	.	.	.	1	16	64
AF	*Lamium orvala*	E1	.	.	.	1	2	2	+	2	3	2	2	+	+	.	3	2	1	1	+	.	1	.	1	.	r	18	72
MuA	*Polygonatum verticillatum*	E1	.	.	.	+	1	.	.	.	.	.	+	.	.	+	+	.	.	+	+	.	.	.	.	+	2	9	36
MuA	*Saxifraga rotundifolia*	E1	.	.	.	+	.	.	.	.	1	.	.	.	.	+	+	.	+	+	.	.	1	+	.	+	.	9	36
MuA	*Stellaria nemorum*	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	3	12
MuA	*Ranunculus platanifolius*	E1	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	4	16
TR	*Adenostyles glabra*	E1	.	.	.	.	.	.	+	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	16
TR	*Arabis alpina*	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Differential species of the geographical variant (Razlikovalne vrste geografske variante)																												
FS	*Cardamine pentaphyllos*	E1	2	.	.	.	.	.	+	1	2	+	.	.	3	.	.	.	.	1	1	1	4	.	3	3	.	12	48
AF	*Anemone trifolia*	E1	.	1	.	.	+	.	.	+	1	1	1	.	.	.	.	.	.	.	.	.	+	.	1	.	+	9	36
	Differential species of the subassociation (Razlikovalne vrste subasociacije)																												
FS	*Fraxinus excelsior*	E3b	3	1	+	3	2	.	1	1	.	.	.	1	1	.	2	.	.	.	1	.	.	.	3	3	3	14	56
FS	*Fraxinus excelsior*	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	+	2	8
FS	*Fraxinus excelsior*	E2	.	.	+	+	.	.	.	+	.	+	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	5	20
FS	*Fraxinus excelsior*	E1	+	1	+	.	1	+	+	+	.	.	.	+	.	1	1	1	.	.	.	.	.	.	.	1	1	13	52
MuA	*Aconitum degenii* subsp. *paniculatum*	E1	+	.	.	1	+	.	+	2	1	.	.	+	1	1	+	.	.	+	.	.	+	.	.	.	.	12	48
AF	*Scopolia carniolica*	E1	.	.	.	2	3	.	+	.	.	.	.	2	2	.	2	3	3	4	.	.	.	.	.	.	.	9	36
	Differential species of the ecological variant (Razlikovalne vrste ekološke variante)																												
QF	*Corylus avellana*	E3a	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
QF	*Corylus avellana*	E2b	+	r	+	+	2	.	1	+	2	+	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10	40
QF	*Corylus avellana*	E2a	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
QP	*Ostrya carpinifolia*	E3b	+	.	.	.	.	1	1	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	20
FS	*Brachypodium sylvaticum*	E1	.	.	+	.	1	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	20
TA	*Acer platanoides*	E3	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
TA	*Acer platanoides*	E1	+	.	.	.	+	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	16
FS	*Prenanthes purpurea*	E1	.	.	.	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	16
FS	*Laburnum alpinum*	E3	.	.	.	.	.	.	.	+	+	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
FS	*Laburnum alpinum*	E2	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
FS	*Sanicula europaea*	E1	.	.	.	+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
FS	*Prunus avium*	E3b	.	.	r	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
FS	*Viola reichenbachiana*	E1	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
TA	*Asperula taurina*	E1	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	*Alnus incana*	E3	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
AI	*Alnus incana*	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AI	*Alnus incana*	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AI	*Lysimachia nemorum*	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
LoA	***Lamio orvalae-Acerenion psudoplatani***																												
	Lunaria rediviva	E1	.	.	4	2	3	2	.	2	3	+	+	3	4	4	2	3	2	4	3	5	3	4	3	3	3	22	88
	Stellaria montana	E1	.	1	1	+	.	+	+	+	.	+	1	1	2	1	2	1	1	+	1	3	.	.	.	.	.	17	68
	Polystichum braunii	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	+	.	.	.	1	+	5	20
	Leucojum vernum	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	1	4	1	.	.	.	.	.	5	20
	Doronicum austriacum	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	1	3	12
	Anthriscus nitida	E1	.	.	.	.	.	.	.	.	.	.	.	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	3	12
TA	***Tilio-Acerion***																												
	Polystichum aculeatum	E1	1	.	+	+	+	+	.	.	1	+	+	+	1	2	1	.	+	+	.	+	1	.	.	+	+	18	72
	Geranium robertianum	E1	+	.	.	+	1	.	.	1	1	1	.	+	+	2	+	+	+	1	1	.	1	2	.	+	.	17	68
	Adoxa moschatellina	E1	1	1	1	.	.	.	.	+	.	.	+	+	+	+	+	.	+	.	+	1	1	.	1	+	1	16	64
	Sambucus nigra	E2b	.	.	1	+	.	+	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	6	24
	Sambucus nigra	E2a	.	.	.	.	+	+	.	.	+	+	+	+	+	.	+	+	+	+	.	.	+	.	+	+	.	14	56
	Phyllitis scolopendrium	E1	1	.	1	.	.	1	.	.	.	1	.	+	1	.	.	.	+	1	+	+	.	+	.	.	.	11	44
	Arum maculatum	E1	.	.	1	.	.	.	.	1	.	.	.	+	1	.	.	.	1	1	1	+	.	.	1	.	.	9	36
	Chrysosplenium alternifolium	E1	.	.	.	.	.	.	.	.	.	+	.	+	1	1	+	+	.	.	.	.	+	1	.	.	+	9	36
	Ulmus glabra	E3	.	.	2	.	.	.	.	.	.	.	.	2	1	.	1	1	.	.	.	.	.	.	.	.	.	5	20
	Ulmus glabra	E2	.	.	.	+	1	.	+	.	.	.	+	+	.	.	+	.	.	.	.	.	+	.	.	.	.	7	28
	Ulmus glabra	E1	.	.	.	+	.	.	+	.	.	.	+	+	.	.	+	+	.	.	.	.	+	.	.	.	.	7	28
	Aruncus dioicus	E1	.	.	.	+	.	+	.	.	.	.	.	.	1	+	.	.	+	.	.	.	.	.	.	.	.	5	20
	Dryopteris affinis	E1	.	.	+	.	+	.	.	.	.	+	1	.	.	+	.	.	.	.	.	.	+	.	.	.	.	6	24
	Tilia platyphyllos	E3	r	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	.	4	16
	Tilia platyphyllos	E1	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	3	12
	Thalictrum aquilegiifolium	E1	.	.	.	.	.	.	.	.	+	.	+	.	1	.	.	.	+	.	.	.	.	.	.	.	.	4	16
	Polystichum x luerssenii	E1	.	.	.	.	.	.	.	.	.	+	.	+	.	.	+	.	.	1	.	.	.	.	.	.	.	4	16
	Campanula latifolia	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	3	12
	Corydalis solida	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	+	.	.	.	.	3	12
	Euonymus latifolius	E2	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Dryopteris x tavelii	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Isopyrum thalictroides	E1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Tilia cordata	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	4
	Scrophularia vernalis	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Tilia x vulgaris	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.
	Tilia x vulgaris	E2b	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AI	***Alnion incanae***																												
	Cardamine impatiens	E1	.	+	.	.	.	.	.	+	.	+	+	.	.	.	.	.	.	.	+	+	+	.	.	.	.	7	28
	Impatiens noli-tangere	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	2	+	.	.	.	.	.	.	.	.	.	4	16
	Dryopteris carthusiana	E1	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	1	.	3	12
EC	***Erythronio-Carpinion***																												
	Primula vulgaris	E1	.	.	.	+	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	4	16
	Helleborus odorus	E1	+	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	4	16
	Crocus vernus subsp. *vernus*	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	8
	Galanthus nivalis	E1	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Ornithogalum pyrenaicum	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AF	***Aremonio-Fagion***																												
	Cradamine enneaphyllos	E1	2	2	2	1	+	1	+	+	1	1	+	+	.	+	2	1	1	1	2	1	.	2	2	+	+	23	92
	Cardamine trifolia	E1	.	.	.	1	.	+	+	.	.	1	+	+	.	.	+	.	+	.	.	.	.	1	.	+	.	10	40
	Cyclamen purpurascens	E1	+	.	.	.	+	+	+	+	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	7	28
	Rhamnus fallax	E2	.	.	.	+	.	.	.	+	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	4	16
	Rhamnus fallax	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Omphalodes verna	E1	.	.	.	+	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	Hacquetia epipactis	E1	.	.	.	.	+	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	Euphorbia carniolica	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Vicia oroboides	E1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Helleborus niger	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	4
	Geranium nodosum	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
FS	***Fagetalia sylvaticae***																												
	Dryopteris filix-mas	E1	1	+	1	1	1	+	+	1	+	1	+	1	2	2	2	1	1	3	1	2	+	+	+	1	3	25	100
	Fagus sylvatica	E3b	2	1	.	.	+	+	.	+	.	+	r	+	2	1	1	3	1	2	+	1	r	+	+	.	1	20	80
	Fagus sylvatica	E3a	+	1	+	+	.	.	.	.	.	+	.	+	.	+	.	.	+	.	+	.	.	.	.	+	+	11	44
	Fagus sylvatica	E2b	.	+	.	+	+	.	.	.	.	.	.	.	.	+	+	+	.	.	.	+	.	.	.	.	.	.	7	28
	Fagus sylvatica	E2a	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	2	8
	Fagus sylvatica	E1	+	.	.	.	.	.	.	1	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	+	+	6	24
	Galeobdolon flavidum	E1	.	.	.	+	1	1	1	1	1	1	.	1	+	1	1	.	+	+	+	+	+	1	.	+	1	19	76
	Cardamine bulbifera	E1	1	2	2	+	2	1	1	+	.	.	1	1	+	.	1	1	+	.	1	1	+	1	.	.	+	19	76
	Mercurialis perennis	E1	+	+	+	.	1	1	1	1	.	1	1	.	.	1	.	.	+	1	.	.	+	+	+	+	1	17	68
	Mycelis muralis	E1	.	.	.	+	+	+	+	.	+	+	.	.	+	1	1	+	1	.	+	.	+	+	.	+	1	16	64
	Paris quadrifolia	E1	+	+	.	+	1	.	.	.	.	.	+	+	1	.	+	+	.	.	+	+	+	+	+	+	+	16	64
	Actaea spicata	E1	+	+	.	.	.	.	+	.	.	+	.	+	+	+	1	+	+	+	+	.	+	+	.	.	+	15	60
	Symphytum tuberosum	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.
	Salvia glutinosa	E1	.	.	.	+	1	1	1	+	+	+	+	+	.	.	+	.	+	.	.	.	.	.	.	+	.	12	48
	Polygonatum multiflorum	E1	+	+	.	+	+	.	+	.	.	.	.	+	+	.	.	.	+	.	.	.	+	.	+	.	+	11	44
	Daphne mezereum	E2a	.	+	.	+	.	+	+	+	.	.	+	.	.	.	.	+	.	.	.	.	+	.	+	+	.	10	40
	Corydalis cava	E1	.	.	.	.	.	.	.	+	.	.	.	2	+	1	.	.	1	+	3	1	1	.	1	.	.	10	40
	Petasites albus	E1	.	.	+	3	.	+	.	.	.	2	1	+	+	1	.	.	.	.	.	.	+	.	.	.	.	9	36
	Galium laevigatum	E1	.	.	.	+	+	.	+	+	+	1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	8	32
	Scrophularia nodosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	+	1	1	.	.	+	+	.	+	.	.	+	8	32
	Asarum europaeum subsp. *caucasicum*	E1	.	.	+	.	.	+	+	.	+	1	+	.	.	.	.	.	.	.	.	.	.	.	1	+	.	8	32
	Epilobium montanum	E1	.	.	.	.	.	.	.	.	.	.	.	.	1	+	+	+	.	.	.	+	.	+	.	.	+	7	28
	Myosotis sylvatica agg.	E1	.	.	.	.	+	.	.	+	.	.	+	+	.	.	.	.	.	.	1	.	+	.	.	.	.	6	24
	Ranunculus lanuginosus	E1	.	.	.	.	+	.	.	.	.	.	+	+	+	2	.	.	.	.	.	.	.	.	.	.	+	6	24
	Campanula trachelium	E1	.	.	.	.	+	.	+	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	4	16
	Galium odoratum	E1	.	.	.	.	+	1	.	.	.	.	.	.	.	+	.	.	.	.	.	1	.	.	.	.	.	4	16
	Lilium martagon	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	+	+	.	.	.	4	16
	Euphorbia dulcis	E1	.	.	.	.	.	+	+	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	4	16
	Lathyrus vernus	E1	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	3	12
	Pulmonaria officinalis	E1	.	.	.	+	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	Poa nemoralis	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	3	12
	Allium ursinum	E1	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	1	1	.	.	.	.	3	12
	Luzula nivea	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	2	8
	Circaea lutetiana	E1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	2	8
	Melica nutans	E1	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Heracleum sphondylium	E1	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Phyteuma spicatum subsp. *coeruleum*	E1	.	.	.	.	.	.	.	.	1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Lonicera alpigena	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	8
	Carex sylvatica	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	2	8
	Euphorbia amygdaloides	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Neottia nidus-avis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	4
	Festuca altissima	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	4
QP	***Quercetalia pubescenti-petraeae***																												
	Convallaria majalis	E1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Arabis turrita	E1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	8
	Fraxinus ornus	E3a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Sorbus aria (*Aria edulis*)	E3b	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Fraxinus ornus	E2b	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
QR	***Quercetalia roboris***																												
	Rubus hirtus	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.
	Veronica montana	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	2	8
QF	***Querco-Fagetea***																												
	Anemone nemorosa	E1	1	.	.	+	.	1	+	.	.	.	1	+	.	.	1	.	.	+	1	.	+	+	+	.	+	13	52
	Lonicera xylosteum	E2	.	.	.	.	+	+	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	5	20
	Carex digitata	E1	.	.	.	.	+	.	+	.	.	.	.	.	.	.	+	.	+	.	.	.	+	.	.	.	.	5	20
	Aegopodium podagraria	E1	.	.	2	.	1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	4	16
	Moehringia trinervia	E1	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	3	12
	Hepatica nobilis	E1	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	3	12
	Anemone ranunculoides	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	1	.	.	.	.	.	.	3	12
	Dactylorhiza fuchsii	E1	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Clematis vitalba	E2	.	.	.	.	.	.	1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Gagea lutea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	2	8
	Vinca minor	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Listera ovata	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Dactylis polygama	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Veratrum nigrum	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Lathraea squamaria	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Platanthera bifolia	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
VP	***Vaccinio-Piceetea***																												
	Oxalis acetosella	E1	.	.	.	.	1	+	+	.	+	.	+	1	1	1	+	+	1	.	+	+	1	.	.	+	1	16	64
	Dryopteris expansa	E1	.	.	.	.	.	+	.	.	.	1	.	.	+	.	+	+	.	.	.	.	+	.	.	.	.	6	24
	Aposeris foetida	E1	.	.	.	+	+	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	5	20
	Picea abies	E3b	r	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	4	16
	Picea abies	E3a	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Picea abies	E2	.	+	.	.	.	+	+	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	6	24
	Picea abies	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	+	.	3	12
	Dryopteris dilatata	E1	+	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	4	16
	Solidago virgaurea	E1	.	.	.	+	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	Gentiana asclepiadea	E1	.	.	.	+	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	Abies alba	E3a	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Abies alba	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	+	3	12
	Luzula luzuloides	E1	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Clematis alpina	E2a	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Gymnocarpium dryopteris	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	2	8
	Lonicera nigra	E2	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Calamagrostis arundinacea	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Maianthemum bifolium	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***																												
	Calamagrostis varia	E1	.	.	.	+	.	.	.	.	+	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	3	12
	Carex alba	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	3	12
	Cirsium erisithales	E1	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	3	12
	Rubus saxatilis	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Aquilegia nigricans	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Rhododendron hirsutum	E2a	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Carex ornithopoda	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
BA	***Betulo-Alnetea***																												
	Salix appendiculata	E2a	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
MuA	***Mulgedio-Aconitetea***																												
	Senecio ovatus (*S. fuchsii*)	E1	+	.	.	1	+	.	1	1	1	+	1	+	1	1	2	1	.	1	1	+	+	+	.	+	+	20	80
	Athyrium filix-femina	E1	+	+	.	.	.	.	.	.	.	+	+	+	1	1	1	2	+	1	+	+	+	1	.	+	1	17	68
	Veratrum album s. lat. (*V. lobelianum*)	E1	.	.	.	+	.	.	+	.	.	.	1	r	.	.	+	.	.	2	+	+	+	.	+	.	+	11	44
	Milium effusum	E1	.	+	.	+	+	.	.	+	.	.	+	.	+	.	.	.	.	.	+	.	.	+	.	.	.	8	32
	Aconitum lycoctonum s. lat.	E1	.	1	+	.	2	+	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	7	28
	Chaerophyllum hirsutum	E1	.	.	.	1	.	.	.	.	.	.	1	.	.	+	.	.	.	.	.	.	.	.	.	.	+	4	16
	Phyteuma ovatum	E1	.	.	.	.	+	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Lathyrus occidentalis var. *montanus*	E1	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Carduus personata	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	2	8
	Myrrhis odorata	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Geum rivale	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Senecio cacaliaster	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
SSC	***Sambuco-Salicion capreae***																												
	Sambucus racemosa	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	4
	Sorbus aucuparia	E3	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Sorbus aucuparia	E2	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Sorbus aucuparia	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Salix caprea	E3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	4
TG	***Trifolio-Geranietea***																												
	Vincetoxicum hirundinaria	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
EA	***Epilobietea angustifolii***																												
	Rubus idaeus	E2a	+	.	.	+	.	.	.	.	.	1	1	.	.	1	1	+	.	+	.	.	.	+	.	.	+	10	40
	Rubus idaeus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Galeopsis speciosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	+	+	4	16
	Eupatorium cannabinum	E1	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	3	12
	Hypericum hirsutum	E1	.	.	.	.	+	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	Solanum dulcamara	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.
	Atropa bella-donna	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	2	8
	Stachys alpina	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Arctium nemorosum	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
GU	***Galio-Urticetea***																												
	Urtica dioica	E1	+	.	2	.	.	.	.	1	.	+	+	+	1	1	1	3	1	.	+	2	.	2	1	+	1	17	68
	Lamium maculatum	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	+	2	.	.	.	.	2	4	16
	Geum urbanum	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Alliaria petiolata	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
Mo	***Molinion***																												
	Angelica sylvestris	E1	.	.	.	+	+	.	.	+	+	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	6	24
	Caltha palustris	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	8
	Colchicum autumnale	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Cirsium palustre	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	1	4
MA	***Molinio-Arrhenatheretea***																												
	Astrantia major	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Taraxacum sect. *Taraxacum*	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	1	4
ES	***Elyno-Seslerietea***																												
	Carex ferruginea	E1	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
TR	***Thlaspietea rotundifolii***																												
	Gymnocarpium robertianum	E1	.	.	.	+	.	.	.	.	+	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	16
	Cortusa matthioli	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	1	4
	Cystopteris montana	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
AP	***Astrantio carniolicae-Paederotion luteae***																												
	Cystopteris fragilis	E1	+	+	.	+	.	.	+	+	.	.	.	.	2	1	1	.	1	+	.	.	+	+	.	.	.	12	48
	Veronica urticifolia	E1	.	.	.	+	.	.	+	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	4	16
	Valeriana tripteris	E1	.	.	.	.	.	.	+	.	+	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	4	16
	Paederota lutea	E1	.	.	.	+	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	3	12
	Sedum hispanicum	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	3	12
	Astrantia carniolica	E1	.	.	.	r	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Carex brachystachys	E1	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Viola biflora	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	8
	Valeriana saxatilis	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Aster bellidiastrum	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
PcSp	***Physoplexido comose-Saxifragion petraeae***																												
	Phyteuma scheuchzeri subsp. *columnae*	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AT	***Asplenietea trichomanis***																												
	Asplenium trichomanes	E1	+	.	.	.	.	+	+	.	.	.	.	.	.	.	.	+	.	+	.	.	+	+	.	.	.	7	28
	Polypodium vulgare	E1	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	+	.	.	1	+	.	+	.	6	24

	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.
ML	**Mosses and lichens (Mahovi in lišaji)**																												
	Ctenidium molluscum	E0	+	+	.	1	1	+	1	.	1	1	+	1	+	1	.	1	.	.	.	.	2	1	.	1	+	17	68
	Isothecium alopecuroides	E0	+	.	+	.	1	1	.	.	.	.	.	+	+	.	.	1	.	.	+	.	2	2	1	1	1	13	52
	Homalothecium lutescens	E0	+	1	+	+	1	+	.	1	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	9	36
	Plagiomnium undulatum	E0	.	.	.	.	.	.	+	.	.	1	.	.	+	.	+	+	.	+	.	.	.	.	.	.	1	7	28
	Brachythecium rutabulum	E0	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	+	.	.	.	+	.	1	.	.	6	24
	Conocephalum conicum	E0	.	.	.	.	.	.	+	.	+	.	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	5	20
	Fissidens dubius	E0	.	.	.	1	.	.	1	.	.	.	.	.	.	+	.	.	+	.	.	.	.	1	.	.	.	5	20
	Anomodon viticulosus	E0	.	+	.	.	.	.	.	1	.	.	.	.	.	.	.	.	+	.	.	.	+	+	.	.	.	5	20
	Schistidium apocarpum	E0	.	1	.	.	.	+	.	1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	5	20
	Plagiomnium cuspidatum	E0	.	.	+	.	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	4	16
	Exertotheca crispa (*Neckera crispa*)	E0	+	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	4	16
	Peltigera canina	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	1	.	.	.	+	4	16
	Plagiochila porelloides	E0	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	1	.	.	3	12
	Pseudanomodon attenuatus (*Anomodon attenuatus*)	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	.	+	3	12
	Hypnum cupressiforme	E0	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Homalothecium philippeanum	E0	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	2	8
	Hylocomium splendens	E0	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Tortella tortuosa	E0	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	2	8
	Eurhynchium striatum	E0	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	8
	Thamnobryum alopecurum	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	+	.	.	2	8
	Porella platyphylla	E0	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Eurhynchium angustirete	E0	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Plagiothecium undulatum	E0	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Marchantia polymorpha	E0	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Pseudoleskeella catenulata	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	4

Legend – Legenda

L Limestone – Apnenec
D Dolomite – Dolomit
M Marlstone – Laporovec
C Chert – Roženec
De Debris – Grušč
Ta Talus – Vršaj

Rs Rockfall – Podorno skalovje
Gr Gravel – Prod
Co Colluvial-deluvial soil – Koluvialno-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 %

Table 2 (Tabela 2): *Aconito paniculati-Aceretum pseudoplatani* 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	NW	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	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	5	10	20	10	5	20	60		
	Herb layer (Zeliščna plast)	E1	80	70	80	70	90	80	70	80	90	80	90	60	90	90		
	Moss layer (Mahovna plast)	E0	20	10	30	40	15	5	20	10	20	10	10	10	10	5		
	Maximum tree diameter (Maksimalni premer dreves)	cm	30	35	35	50	30	30	25	35	20	25	40	30	15	25		
	Maximum tree height (Maksimalna višina dreves)	m	19	20	20	24	16	20	15	20	12	12	17	18	14	10		
	Number of species (Število vrst)		49	47	49	42	53	56	57	59	58	34	37	68	31	61		
	Relevé area (Velikost popisne ploskve)	m^2	400	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. Tristje-Čiprje	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	406993	409813	417231	417203	414594	408861	408799		
	Coordinates (Koordinate) GK X (D-48)	m	5130275	5130252	5130296	5130205	5130268	5129748	5130212	5128472	5130085	5122323	5122074	5133299	5124109	5137226		
	Diagnostic species of the association (Diagnostične vrste asociacije)																Pr.	Fr.
TA	*Acer pseudoplatanus*	E3b	5	4	4	4	4	5	4	5	4	4	5	4	4	4	14	100
TA	*Acer pseudoplatanus*	E3a	.	.	.	+	.	+	.	1	.	.	1	+	.	.	5	36
TA	*Acer pseudoplatanus*	E2b	.	+	.	.	1	1	2	+	2	1	+	.	.	+	9	64
TA	*Acer pseudoplatanus*	E2a	+	.	.	.	1	.	1	.	+	1	.	.	.	+	6	43
TA	*Acer pseudoplatanus*	E1	.	+	.	+	1	.	.	.	.	.	.	1	.	1	5	36
MuA	*Aconitum lycoctonum* subsp. *ranunculifolium (A. lupicida)*	E1	+	1	+	.	+	2	2	3	3	1	1	+	1	.	12	86
MuA	*Aconitum degenii* subsp. *paniculatum*	E1	+	1	+	+	1	1	1	2	1	1	.	.	1	r	12	86
VP	*Picea abies*	E3	+	.	+	+	.	+	.	.	.	.	.	+	.	+	6	43
VP	*Picea abies*	E2	+	+	+	+	+	+	+	.	+	.	.	+	.	+	10	71
VP	*Picea abies*	E1	+	.	.	.	.	.	.	.	.	.	.	+	.	.	2	14
MuA	*Senecio cacaliaster*	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	*Dryopteris dilatata*	E1	+	.	1	+	+	.	+	+	.	.	.	.	.	+	7	50
AP	*Viola biflora*	E1	+	+	.	.	.	.	1	+	.	.	.	+	+	.	6	43
MuA	*Rumex arifolius*	E1	.	.	.	.	.	+	+	+	1	.	1	.	+	.	6	43
TR	*Cystopteris montana*	E1	+	+	+	+	.	.	.	.	.	.	.	.	.	.	4	29
TA	***Tilio-Acerion***																	
	Chrysosplenium alternifolium	E1	2	1	2	1	1	1	.	+	1	.	1	.	.	.	9	64
	Geranium robertianum	E1	1	+	1	1	2	+	.	1	.	.	.	1	.	.	8	57
	Adoxa moschatellina	E1	.	+	.	+	+	+	.	+	.	.	+	.	.	.	6	43
	Polystichum aculeatum	E1	+	1	1	1	+	1	.	.	.	.	.	.	.	.	6	43
	Thalictrum aquilegiifolium	E1	.	.	.	.	+	1	+	.	+	.	.	.	+	.	5	36
	Lunaria rediviva	E1	.	.	.	.	+	.	.	2	.	+	.	.	.	.	3	21
	Aruncus dioicus	E1	.	.	.	.	.	.	.	+	.	.	.	+	+	.	3	21
	Polystichum x luerssenii	E1	.	+	+	.	.	.	.	.	.	.	.	.	.	.	2	14
	Polystichum braunii	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	7
	Campanula latifolia	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	7
	Fraxinus excelsior	E3b	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	7
	Cardamine impatiens	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	Phyllitis scolopendrium	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
AF	***Aremonio-Fagion***																	
	Cardamine enneaphyllos	E1	1	1	1	1	+	+	1	1	1	2	+	1	.	.	12	86
	Cardamine trifolia	E1	+	+	1	1	.	.	.	.	.	.	.	.	.	.	4	29
	Cyclamen purpurascens	E1	+	.	.	.	.	+	.	.	.	.	.	+	.	1	4	29
	Anemone trifolia	E1	.	.	.	.	.	.	.	r	.	.	.	1	.	+	3	21
	Rhamnus fallax	E2	.	.	.	.	.	.	.	r	.	1	+	r	.	.	4	29
	Scopolia carniolica	E1	.	+	.	.	4	.	.	.	.	.	.	.	.	.	2	14
	Knautia drymeia	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	Helleborus niger	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
FS	***Fagetalia sylvaticae***																	
	Dryopteris filix-mas	E1	2	3	3	3	3	2	1	1	2	3	3	+	+	+	14	100
	Galeobdolon flavidum	E1	1	1	3	1	1	2	2	1	1	.	.	1	1	+	12	86
	Epilobium montanum	E1	+	+	.	+	+	+	.	+	.	.	+	+	.	.	8	57
	Paris quadrifolia	E1	+	+	.	.	.	+	1	1	1	+	+	.	.	+	9	64
	Mercurialis perennis	E1	.	+	.	.	1	.	1	1	.	1	.	2	+	1	8	57
	Actaea spicata	E1	+	1	+	1	+	+	+	.	.	.	.	.	.	1	8	57
	Myosotis sylvatica agg.	E1	.	.	.	.	1	1	1	+	1	.	+	+	.	.	7	50
	Fagus sylvatica	E3b	.	+	+	2	1	.	.	.	.	.	.	+	1	.	6	43
	Fagus sylvatica	E2a	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	7
	Mycelis muralis	E1	+	+	+	1	.	+	.	+	.	.	.	+	.	.	7	50
	Ranunculus lanuginosus	E1	+	.	+	.	.	1	1	+	1	.	1	.	.	.	7	50
	Galium laevigatum	E1	.	+	.	.	+	1	+	+	.	.	.	1	.	1	7	50
	Corydalis cava	E1	1	1	.	.	2	.	.	.	.	3	2	.	.	.	5	36
	Melica nutans	E1	.	.	.	.	+	.	+	.	1	.	.	+	.	1	5	36
	Lilium martagon	E1	.	.	.	.	+	+	.	.	+	.	.	+	.	.	4	29
	Daphne mezereum	E2a	+	.	.	.	.	.	.	.	.	+	.	.	.	1	3	21
	Poa nemoralis	E1	.	.	.	.	.	+	+	.	.	.	.	+	.	.	3	21
	Laburnum alpinum	E3b	.	.	.	.	.	.	.	.	.	+	.	.	3	+	3	21
	Laburnum alpinum	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Prenanthes purpurea	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	1	2	14
	Lonicera alpigena	E2a	.	.	.	.	.	.	.	+	.	.	.	.	.	1	2	14

	Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pr.	Fr.
	Sambucus nigra	E2a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	7
	Petasites albus	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	7
	Sanicula europaea	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	7
	Scrophularia nodosa	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	7
	Campanula trachelium	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7
	Symphytum tuberosum	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	7
	Euphorbia amygdaloides	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Pulmonaria officinalis	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Phyteuma spicatum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	7
QP	***Quercetalia pubescenti-petraeae***																	
	Convallaria majalis	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7
	Sorbus aria (Aira edulis)	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	r	1	7
QF	***Querco-Fagetea***																	
	Anemone nemorosa	E1	.	.	1	.	+	1	.	.	.	1	.	.	.	.	4	29
	Hepatica nobilis	E1	.	.	.	.	+	+	.	.	.	.	.	.	.	.	2	14
	Lonicera xylosteum	E2	.	.	.	.	.	+	.	.	.	+	.	.	.	.	2	14
	Dactylorhiza fuchsii	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	7
VP	***Vaccinio-Piceetea***																	
	Gentiana asclepiadea	E1	+	+	.	.	.	+	+	.	+	.	.	1	+	.	7	50
	Oxalis acetosella	E1	1	1	1	2	1	.	.	+	.	.	.	.	.	.	6	43
	Gymnocarpium dryopteris	E1	+	1	1	2	+	.	.	.	.	.	.	.	.	+	6	43
	Calamagrostis arundinacea	E1	+	+	+	.	+	.	.	.	.	.	.	1	.	.	5	36
	Phegopteris connectilis	E1	.	+	+	1	+	.	.	+	.	.	.	.	.	.	5	36
	Polystichum lonchitis	E1	r	.	+	.	.	.	1	.	.	.	.	+	.	1	5	36
	Aposeris foetida	E1	.	.	.	.	.	+	.	.	.	.	.	1	.	1	3	21
	Rosa pendulina	E2a	.	.	.	.	.	+	1	.	.	.	.	.	.	1	3	21
	Larix decidua	E2	.	.	.	.	.	.	+	.	.	.	.	.	.	+	2	14
	Lonicera nigra	E2a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	7
	Dryopteris expansa	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	7
	Maianthemum bifolium	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	7
	Luzula luzulina	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7
	Solidago virgaurea	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	7
	Hieracium murorum	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Luzula sylvatica	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Lycopodium annotinum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	7
	Clematis alpina	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Vaccinium myrtillus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Huperzia selago	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Abes alba	E2	.	.	.	.	.	.	.	.	.	.	.	.	.	r	1	7
EP	***Erico-Pinetea***																	
	Cirsium erisithales	E1	.	.	.	.	.	+	+	+	+	.	.	+	.	.	5	36
	Calamagrostis varia	E1	+	.	.	.	.	+	+	.	.	.	.	.	.	3	4	29
	Rubus saxatilis	E1	.	.	.	.	.	.	+	.	+	.	.	.	.	1	3	21
	Pinus mugo	E2b	1	.	.	.	.	.	.	.	.	.	.	.	.	1	2	14
	Aquilegia nigricans	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	1	2	14
	Erica carnea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	7
	Buphthalmum salicifolium	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	r	1	7
	Carex ornithopoda	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Peucedanum austriacum subsp. *rablense*	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	***Betulo-Alnetea***																	
	Ribes alpinum	E2b	+	.	+	.	.	.	+	.	.	.	.	.	.	.	3	21
	Sorbus chamaemespilus	E2	.	.	.	.	.	.	+	.	+	.	.	.	.	.	2	14
	Alnus viridis	E2b	.	.	.	.	.	.	.	.	+	+	.	.	.	3	3	21
	Salix appendiculata	E2	.	.	.	.	.	.	.	.	+	+	.	.	.	1	3	21
MuA	***Mulgedio-Aconitetea***																	
	Athyrium filix-femina	E1	3	2	1	2	2	+	1	+	2	1	1	1	2	+	14	100
	Veratrum album s. lat. (*V. lobelianum*)	E1	+	1	+	+	+	.	1	+	3	2	1	+	.	.	11	79
	Saxifraga rotundifolia	E1	2	1	.	2	1	1	2	1	1	+	1	+	.	.	11	79
	Polygonatum verticillatum	E1	+	.	+	+	+	1	1	+	.	1	.	+	1	1	11	79
	Senecio ovatus	E1	+	1	1	1	1	1	+	2	.	.	.	1	1	.	10	71
	Stellaria nemorum	E1	3	1	1	.	1	1	+	1	1	.	1	.	+	.	10	71
	Adenostyles alliariae	E1	+	1	+	2	+	.	2	1	1	.	3	.	3	.	10	71
	Chaerophyllum hirsutum	E1	+	2	.	2	1	1	2	1	3	.	+	.	.	.	9	64
	Doronicum austriacum	E1	+	+	+	.	.	.	.	2	.	1	+	+	1	.	8	57
	Milium effusum	E1	.	+	+	+	1	.	.	+	.	1	1	.	.	.	7	50
	Ranunculus platanifolius	E1	+	+	+	.	.	.	.	.	.	.	.	+	1	.	5	36
	Silene dioica	E1	.	.	.	.	+	+	1	+	+	.	.	.	.	.	5	36
	Scrophularia scopolii	E1	.	.	.	.	+	.	+	+	1	.	.	.	.	.	4	29
	Phyteuma ovatum	E1	.	.	.	.	+	.	.	.	.	+	.	+	.	.	3	21
	Geum rivale	E1	.	.	.	.	.	+	+	.	1	.	.	.	.	.	3	21
	Myrrhis odorata	E1	.	.	.	.	.	+	.	.	.	.	.	+	3	.	3	21
	Epilobium alpestre	E1	.	.	.	.	.	.	+	.	1	.	+	.	.	.	3	21
	Pleurospermum austriacum	E1	.	.	.	.	.	.	.	.	.	+	.	+	+	.	3	21
	Cicerbita alpina	E1	.	.	+	.	.	.	.	+	.	.	.	.	.	.	2	14
	Heracleum sphondylium subsp. *elegans*	E1	.	.	.	.	.	1	.	.	.	.	.	+	.	.	2	14
	Geranium sylvaticum	E1	.	.	.	.	.	.	.	.	1	.	.	.	1	.	2	14
	Hypericum maculatum	E1	.	.	.	.	.	.	.	.	1	.	.	.	+	.	2	14
	Carduus personata	E1	.	.	.	.	.	.	.	.	.	+	+	.	.	.	2	14
	Streptopus amplexifolius	E1	.	.	.	.	.	.	.	.	.	+	.	.	1	.	2	14
	Aconitum angustifolium	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	7
	Primula elatior	E1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	7
	Silene vulgaris subsp. *antelopum*	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7
	Orobanche lycoctoni	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	7
	Senecio nemorensis	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	Alchemilla xanthochlora	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	Anthriscus nitida	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	Cirsium carniolicum	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Carduus carduelis	E1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	7
	Pedicularis hacquetii	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
	Chaerophyllum villarsii	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
SSC	***Sambuco-Salicion capreae***																	
	Sorbus aucuparia	E3	.	.	.	.	.	.	.	.	+	+	.	.	1	.	3	21
	Sorbus aucuparia	E2	.	.	.	.	.	.	.	.	+	.	.	.	.	+	2	14
	Sorbus aucuparia	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	+	2	14
	Sambucus racemosa	E2a	.	.	.	.	.	.	.	.	.	.	+	+	.	.	2	14
TG	***Trifolio-Geranietea***																	
	Digitalis grandiflora	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Lilium carniolicum	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	***Epilobietea angustifolii***																	
	Galeopsis speciosa	E1	+	+	.	.	.	.	.	+	+	.	+	.	.	.	5	36
	Rubus idaeus	E2a	.	.	.	.	1	.	.	.	1	1	1	.	.	.	4	29
	Verbascum lanatum	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
GU	***Galio-Urticetea***																	
	Urtica dioica	E1	2	1	1	1	1	+	.	+	+	1	2	.	.	.	10	71
	Lamium maculatum	E1	.	.	.	.	.	1	.	+	.	+	2	.	.	.	4	29
	Rumex alpinus	E1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	7
PaT	***Poo alpinae-Trisetetelia***																	
	Trollius europaeus	E1	.	.	.	.	.	.	.	.	+	+	.	.	.	.	2	14
	Cardaminopsis ovirensis	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7
	Poa alpina	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
Mo	***Molinion***																	
	Crepis paludosa	E1	.	.	.	+	.	+	1	+	.	.	.	.	1	.	5	36
	Angelica sylvestris	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	7
MA	***Molinio-Arrhenatheretea***																	
	Dactylis glomerata	E1	.	.	.	.	.	+	.	.	1	.	.	.	.	.	2	14
ES	***Elyno-Seslerietea***																	
	Betonica alopecuros	E1	.	.	.	.	.	.	+	.	1	.	.	.	.	+	3	21
	Laserpitium peucedanoides	E1	.	.	.	.	.	.	+	.	.	.	.	+	.	.	2	14
	Campanula scheuchzeri	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7
	Festuca calva	E1	.	.	.	.	.	.	.	r	.	.	.	.	.	.	1	7
	Achillea clavenae	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	Thymus praecox subsp. *polytrichus*	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	Phyteuma orbiculare	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Scabiosa lucida subsp. *stricta*	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Arabis ciliata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
TR	***Thlaspietea rotundifolii***																	
	Adenostyles glabra	E1	.	.	.	.	.	+	1	+	.	.	.	2	.	.	4	29
	Gymnocarpium robertianum	E1	.	.	.	.	.	.	+	.	.	.	.	+	.	+	3	21
	Arabis alpina	E1	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	7
	Hieracium bifidum	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	Heracleum pollinianum	E1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	7
	Valeriana montana	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
AP	***Astrantio carniolicae-Paederotion luteae***																	
	Cystopteris fragilis	E1	.	+	1	1	+	+	1	+	+	.	+	+	.	.	10	71
	Asplenium viride	E1	+	.	.	.	.	+	1	+	+	.	.	.	.	+	6	43
	Valeriana tripteris	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	+	2	14
	Cystopteris regia	E1	.	.	.	.	.	+	.	.	1	.	.	.	.	.	2	14
	Sedum hispanicum	E1	.	.	.	.	.	.	.	.	1	.	+	.	.	.	2	14
	Paederota lutea	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	7
	Veronica urticifolia	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Astrantia carniolica	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Carex brachystachys	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Valeriana saxatilis	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
PcSp	***Physoplexido comose-Saxifragion petraeae***																	
	Campanula carnica	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
PaT	***Potentiletalia caulescentis***																	
	Primula auricula	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Kernera saxatilis	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	***Asplenietea trichomanis***																	
	Moehringia muscosa	E1	.	.	.	.	.	.	+	+	+	.	.	+	.	+	5	36
	Asplenium ruta-muraria	E1	.	.	.	.	.	.	.	r	+	.	.	.	.	.	2	14
	Asplenium trichomanes	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	7
ML	**Mosses and lichens (Mahovi in lišaji)**																	
	Ctenidium molluscum	E0	+	1	1	2	1	.	1	1	1	.	.	2	.	1	10	71
	Plagiomnium undulatum	E0	+	1	2	1	1	.	1	.	.	.	.	.	.	.	6	43
	Conocephalum conicum	E0	.	.	1	2	1	1	+	+	.	.	.	.	.	.	6	43
	Brachythecium rutabulum	E0	.	.	1	.	+	.	.	+	+	.	.	.	.	.	4	29
	Fissidens dubius	E0	.	1	.	1	1	.	+	.	.	.	.	.	.	.	4	29
	Plagiomnium cuspidatum	E0	.	.	1	1	+	.	.	+	.	.	.	.	.	.	4	29
	Pseudoleskeella catenulata	E0	.	.	+	.	.	.	.	+	1	.	.	1	.	.	4	29
	Isothecium alopecuroides	E0	1	.	.	2	.	.	.	.	1	.	.	.	.	.	3	21
	Peltigera canina	E0	+	.	.	.	.	.	.	+	.	.	.	.	.	.	2	14
	Eurhynchium angustirete	E0	.	.	+	1	.	.	.	.	.	.	.	.	.	.	2	14
	Polytrichum formosum	E0	.	.	.	.	.	.	.	+	.	.	.	.	.	1	2	14
	Plagiochila porelloides	E0	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	7
	Rhizomnium punctatum	E0	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	7
	Plagiochila asplenioides	E0	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	7
	Dicranum scoparium	E0	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	7
	Homalothecium philippeanum	E0	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	7
	Homalothecium lutescens	E0	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Schistidium apocarpum	E0	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	7
	Rhytidiadelphus triquetrus	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Tortella tortuosa	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7
	Rhodobryum roseum	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	7

Legend – Legenda

L Limestone – Apnenec
D Dolomite – Dolomit
De Debris – Grušč
Rs Rockfall – Podorno skalovje
Co Colluvial-deluvial soil – Koluvialno-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 (*holotypus*) – Popis 9 nomenklaturni tip (holotip)

Table 3 (Tabela 3): *Aconito paniculati-Aceretum pseudoplatani* 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)		9647/2	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	397088		
	Coordinates (Koordinate) GK X (D-48)	m	5137362	5137381	5137419	5136993	5137892	5137930	5137904		
	Diagnostic species of the association (Diagnostične vrste asociacije)									Pr.	Fr.
TA	*Acer pseudoplatanus*	E3b	4	4	5	.	4	.	.	4	57
TA	*Acer pseudoplatanus*	E3a	1	.	+	.	.	.	.	2	29
TA	*Acer pseudoplatanus*	E2	2	.	+	3	.	4	3	5	71
TA	*Acer pseudoplatanus*	E1	.	1	+	.	1	.	.	3	43
MuA	*Aconitum lycoctonum* subsp. *ranunculifolium* (*A. lupicida*)	E1	3	2	2	2	2	1	1	7	100
MuA	*Aconitum degenii* subsp. *paniculatum*	E1	1	1	+	+	+	1	1	7	100
MuA	*Senecio cacaliaster*	E1	.	.	.	.	1	1	1	3	43
MuA	*Rumex arifolius*	E1	.	+	.	.	.	1	.	2	29
AP	*Viola biflora*	E1	.	.	.	.	.	.	+	1	14
	Diffrenetial species of variant and subvariants (Razlikovalne vrste variante in subvariant)										
TR	*Heracleum sphondylium* subsp. *pollinianum*	E1	+	+	+	1	1	1	1	7	100
MA	*Angelica sylvestris*	E1	1	+	1	.	1	1	1	6	86
EP	*Cirsium erisithales*	E1	+	1	.	1	.	+	1	4	57
ES	*Festuca calva*	E1	.	+	.	.	+	1	1	4	57

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

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

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

Legend – Legenda

De Debris – Grušč
Co Colluvial-deluvial soil – Koluvialno-deluvilna 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	LClC	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	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	35	30	25	30	40	25	40	
	Maximum tree height (Maksimalna višina dreves)	m	30	25	22	20	25	40	17	18	24	15	28	
	Number of species (Število vrst)		52	48	52	49	29	38	49	14	61	23	37	
	Relevé area (Velikost popisne ploskve)	m^2	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	*Acer pseudoplatanus*	E3	3	4	1	1	3	+	5	2	3	4	2	11
TA	*Acer pseudoplatanus*	E2	.	+	+	.	.	.	1	.	+	.	.	4
TA	*Acer pseudoplatanus*	E1	3	+	1	+	.	+	.	.	+	.	.	6
AF	*Lamium orvala*	E1	3	3	+	2	1	1	.	1	2	.	2	8
TR	*Adenostyles glabra*	E1	1	.	.	.	.	.	.	.	.	.	.	1
MuA	*Polygonatum verticillatum*	E1	.	.	.	.	.	+	.	.	.	.	.	1
MuA	*Ranunculus platanifolius*	E1	.	.	.	.	.	.	+	.	.	.	.	1
MuA	*Saxifraga rotundifolia*	E1	.	.	.	.	.	.	.	.	1	.	.	1
TR	*Arabis alpina*	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	*Cardamine pentaphyllos*	E1		.	.	.	.	.	.	1	3	1	.	3
AF	*Anemone trifolia*	E1	1	.	.	.	.	.	.	.	.	.	1	2
	Differential species of the subassociation (Razlikovalna vrste subasociacije)													
FS	*Fraxinus excelsior*	E3	+	.	4	4	2	3	.	1	3	.	.	7
FS	*Fraxinus excelsior*	E2	1	.	.	.	.	.	+	.	.	.	.	2
FS	*Fraxinus excelsior*	E1	+	.	1	.	.	+	+	.	.	.	.	4
AF	*Scopolia carniolica*	E1	.	.	.	.	2	.	.	1	.	.	2	3
MuA	*Aconitum degenii* subsp. *paniculatum*	E1	.	.	.	.	.	.	.	.	.	+	.	1
	Differential species of variants (Razlikovalne vrste variant)													
TA	*Geranium robertianum*	E1	.	1	+	+	1	1	.	.	+	.	.	6
FS	*Galium odoratum*	E1	1	1	.	2	2	+	+	.	.	.	.	6
TG	*Campanula rapunculoides*	E1	.	+	+	1	.	.	.	.	.	.	.	3
FS	*Carpinus betulus*	E3	+	1	r	+	.	.	.	.	.	.	.	4
FS	*Carpinus betulus*	E2	.	+	.	+	.	.	.	.	.	.	.	2
FS	*Carpinus betulus*	E1	.	+	.	.	.	.	.	.	.	.	.	1
TA	***Tilio-Acerion***		.											
	Adoxa moschatellina	E1	.	1	+	.	.	1	+	.	1	+	.	6
	Arum maculatum	E1	.	1	.	.	+	.	1	.	2	+	.	5
	Lunaria rediviva	E1	.	+	+	.	.	.	1	3	.	.	.	4
	Polystichum aculeatum	E1	+	+	.	.	.	.	.	.	2	1	1	5
	Phyllitis scolopendrium	E1	+	.	.	.	.	.	.	2	2	1	.	4
	Sambucus nigra	E3a	.	.	.	.	.	.	.	.	2	.	.	1
	Sambucus nigra	E2	2	2	.	.	.	.	+	+	.	.	.	4
	Ulmus glabra	E3b	.	.	+	.	1	1	.	.	.	.	.	3
	Ulmus glabra	E3a	.	.	.	.	1	.	.	.	.	.	.	1
	Ulmus glabra	E2a	.	.	.	.	.	+	.	.	.	.	1	2
	Ulmus glabra	E1	.	.	.	.	.	.	.	.	.	.	1	1
	Hesperis candida	E1	.	.	1	1	.	.	.	.	.	.	.	2
	Tilia platyphyllos	E3b	.	.	+	.	.	.	.	.	.	.	.	1
	Tilia platyphyllos	E2a	.	.	.	+	.	.	.	.	.	.	.	1
	Tilia platyphyllos	E1	.	.	+	+	.	.	.	.	.	.	.	2
	Chrysosplenium alternifolium	E1	.	.	.	.	.	1	.	.	1	.	.	2
	Tilia cordata	E3b	+	.	.	.	.	.	.	.	.	.	.	1
	Tilia cordata	E2b	+	.	.	.	.	.	.	.	.	.	.	1
	Corydalis solida	E1	.	.	.	.	.	.	1	.	.	.	.	1
	Thalictrum aquilegiifolium	E1	.	.	.	.	.	.	+	.	.	.	.	1
	Stellaria montana	E1	.	.	.	.	.	.	.	.	1	.	.	1
	Polystichum x luerssenii	E1	.	.	.	.	.	.	.	.	+	.	.	1
	Acer platanoides	E3b	.	.	.	.	.	.	.	.	.	.	+	1
	Acer platanoides	E1	.	.	.	.	.	.	.	.	.	.	+	1
AI	***Alnion incanae***													
	Cardamine impatiens	E1	.	+	+	.	.	+	+	.	.	.	.	4
	Impatiens noli-tangere	E1	.	.	.	.	.	5	2	.	.	.	.	2
	Viburnum opulus	E2a	+	.	.	.	.	.	.	.	+	.	.	2
	Carex remota	E1	1	.	.	.	.	.	.	.	.	.	.	1
	Equisetum telmateia	E1	1	.	.	.	.	.	.	.	.	.	.	1
EC	***Erythronio-Carpinion***													
	Primula vulgaris	E1	.	+	+	+	.	.	.	.	.	.	.	3
	Ornithogalum pyrenaicum	E1	.	.	1	+	.	.	.	.	.	.	.	2
	Helleborus odorus	E1	+	.	.	.	.	.	.	.	.	.	.	1

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

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

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

	Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	Pr.
ES	***Elyno-Seslerietea***													
	Betonica alopecuros	E1	.	.	r	.	.	.	.	.	.	.	.	1
TR	***Thlaspietea rotundifolii***													
	Gymnocarpium robertianum	E1	+	.	.	.	.	.	.	.	.	.	.	1
AP	***Astrantio carniolicae-Paederotion luteae***													
	Cystopteris fragilis	E1		.	.	.	.	.	.	.	+	.	.	1
	Veronica urticifolia	E1		.	.	.	.	.	.	.	+	.	.	1
AT	***Asplenietea trichomanis***													
	Asplenium trichomanes	E1	1	.	.	.	.	.	.	.	.	.	.	1
ML	**Mosses and lichens (Mahovi in lišaji)**													
	Isothecium alopecuroides	E0	.	1	.	+	.	.	.	.	2	.	2	4
	Brachythecium rutabulum	E0	1	.	.	.	.	.	.	.	2	.	+	3
	Homalothecium lutescens	E0	.	.	+	+	.	.	.	.	.	.	1	3
	Plagiomnium undulatum	E0	1	.	.	.	.	1	.	.	.	.	.	2
	Ctenidium molluscum	E0	+	.	.	.	.	.	.	.	.	.	2	2
	Peltigera canina	E0	.	.	.	.	.	.	.	.	+	.	+	2
	Fissidens dubius	E0	+	.	.	.	.	.	.	.	.	.	.	1
	Hypnum cupressiforme	E0	.	1	.	.	.	.	.	.	.	.	.	1
	Anomodon attenuatus	E0	.	+	.	.	.	.	.	.	.	.	.	1
	Mnium sp.	E0	.	+	.	.	.	.	.	.	.	.	.	1
	Alleniella complanata (*Neckera complanata*)	E0	.	.	+	.	.	.	.	.	.	.	.	1
	Palustriella commutata	E0	.	.	.	.	.	.	.	+	.	.	.	1
	Thamnobryum alopecurum	E0	.	.	.	.	.	.	.	.	3	.	.	1
	Conocephalum conicum	E0	.	.	.	.	.	.	.	.	+	.	.	1
	Anomodon viticulosus	E0	.	.	.	.	.	.	.	.	+	.	.	1
	Plagiochila porelloides	E0	.	.	.	.	.	.	.	.	.	.	+	1
	Mnium thomsonii	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 – Koluvialno-deluvilna tla
Eu Eutric brown soil – Evtrična rjava tla
Br Brown calcaleorus 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)	m^2	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	Hotenja-V robeh	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)	m	418516	419461	419537	419691	412262	412363	412512	411005		
	Coordinates (Koordinate) GK X (D-48)	m	5114933	5114838	5114908	5114948	5115895	5115873	5103324	5087754		
	Diagnostic species of the association (Diagnostične vrste asociacije)										Pr.	Fr.
TA	*Acer pseudoplatanus*	E3b	5	3	4	5	3	3	4	5	8	100
TA	*Acer pseudoplatanus*	E3a	+	+	.	.	1	+	+	.	5	63
TA	*Acer pseudoplatanus*	E2b	.	.	.	.	+	.	+	.	2	25
TA	*Acer pseudoplatanus*	E1	.	.	.	.	+	+	+	.	3	38
MuA	*Senecio ovatus* (*S. fuchsii*)	E1	5	5	5	4	1	1	1	2	8	100
GU	*Urtica dioica*	E1	1	1	1	1	1	+	+	2	8	100
FS	*Salvia glutinosa*	E1	2	2	2	3	1	1	1	.	7	88
QF	*Aegopodium podagraria*	E1	2	1	1	2	+	+	.	.	6	75
TA	*Fraxinus excelsior*	E3b	.	3	.	.	.	+	.	.	2	25
TA	*Fraxinus excelsior*	E2	.	.	.	.	.	.	1	+	2	25
TA	*Fraxinus excelsior*	E1	1	1	1	.	+	+	.	.	5	63

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

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

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

Legend – Legenda

Mo *Molinion*
L Limestone – Apnenec
D Dolomite – Dolomit
M Marlstone – Laporovec
Co Colluvial-deluvial soil – Koluvialno-deluvilna tla
Eu Eutric brown soil – Evtrična rjava tla
Br Brown calcaleorus 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)	m²	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	*Acer pseudoplatanus*	E3	5	3	1	4	4
TA	*Acer pseudoplatanus*	E2	.	.	1	.	1
TA	*Acer pseudoplatanus*	E1	.	+	.	.	1
AF	*Lamium orvala*	E1	2	4	4	2	4
TA	*Arum maculatum*	E1	+	+	+	1	4
FS	*Carpinus betulus*	E3	+	2	2	.	3
FS	*Carpinus betulus*	E2	+	.	+	+	3
FS	*Carpinus betulus*	E1	+	.	.	.	1
EC	*Ornithogalum pyrenaicum*	E1	.	+	.	1	1
TA	***Tilio-Acerion***						
	Sambucus nigra	E2	+	2	+	2	4
	Juglans regia	E3b	.	+	r	.	2
	Dryopteris affinis	E1	+	.	1	.	2
	Tilia platyphyllos	E3a	+	.	.	.	1
	Stellaria montana	E1	.	.	3	.	1
	Polystichum x luerssenii	E1	.	.	+	.	1
AI	***Alnion incanae***						
	Alnus glutinosa	E3b	+	2	2	2	4
	Dryopteris carthusiana	E1	+	+	+	.	3
AF	***Aremonio-Fagion***						
	Geranium nodosum	E1	+	+	+	.	3
	Scopolia carniolica	E1	+	.	.	.	1
EC	***Erythronio-Carpinion***						
	Primula vulgaris	E1	.	.	.	+	1
FS	***Fagetalia sylvaticae***						
	Symphytum tuberosum	E1	2	2	1	1	4

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

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

Legend – Legenda

Fl Flysch – Fliš

Eu Eutric brown soil – Evtrična rjava tla

Co Colluvial-deluvial soil – Koluvialno-deluvilna 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)