PHYTOSOCIOLOGICAL ANALYSIS OF RIVERINE FORESTS IN THE VIPAVA AND REKA VALLEYS (SOUTHWESTERN SLOVENIA)

FITOCENOLOŠKA ANALIZA OBREŽNIH GOZDOV V VIPAVSKI DOLINI IN DOLINI REKE (JUGOZAHODNA SLOVENIJA)

Igor DAKSKOBLER[1]

ABSTRACT

Phytosociological analysis of riverine forests in the Vipava and Reka Valleys (southwestern Slovenia)

Applying the standard Central-European method we studied the phytosociology of riverine forests along the rivers Vipava, Lijak, Branica, Raša and Reka with its tributaries in southwestern Slovenia and compared them to similar riverine forests along some other Slovenian rivers (Soča, Sava Bohinjka, Krka, Mirna, Sava, Drava, Mura, Rašica, Dragonja), and with similar communities in Austria and northeastern Italy. Based on this comparison we described the following syntaxa: *Lamio orvalae-Salicetum albae* ass. nov., with two new subassociations: *-caricetosum pendulae* and *-ranunculetosum lanuginosae, Lamio orvalae-Alnetum glutinosae* ass. nov. *Ornithogalo pyrenaici-Carpinetum betuli lamietosum orvalae* subass. nov. and *Pseudostellario-Carpinetum betuli leucojetosum aestivi* subass. nov.

Key words: phytosociology, synsystematics, *Salicion albae, Alnion incanae, Fraxino pannonicae-Carpinion betuli, Erythronio-Carpinion*, Natura 2000, Vipava Valley, Slovenia

IZVLEČEK

Fitocenološka analiza obrežnih gozdov v Vipavski dolini in dolini Reke (jugozahodna Slovenija)

Po standardni srednjeevropski metodi smo fitocenološko raziskali obrežne gozdove ob rekah Vipavi, Lijaku, Branici, Raši in Reki s pritoki v jugozahodni Sloveniji in jih primerjali s podobnimi logi vzdolž nekaterih drugih slovenskih rek (Soče, Save Bohinjke, Krke, Mirne, Save, Rašice, Drave, Mure in Dragonje) in s podobnimi združabmi v Avstriji in severovzhodni Italiji. Na podlagi te primerjave smo opisali naslednje sintaksone: *Lamio orvalae-Salicetum albae* ass. nov., z dvema novima subasociacijama: *-caricetosum pendulae* in *-ranunculetosum lanuginosae, Lamio orvalae-Alnetum glutinosae* ass. nov. *Ornithogalo pyrenaici-Carpinetum betuli lamietosum orvalae* subass. nov. in *Pseudostellario-Carpinetum betuli leucojetosum aestivi* subass. nov.

Ključne besede: fitocenologija, sinsistematika, *Salicion albae, Alnion incanae, Fraxino pannonicae-Carpinion betuli, Erythronio-Carpinion*, Natura 2000, Vipavska dolina, Slovenija

[1] the Jovan Hadži Institute of Biology of the Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Regional research unit, Brunov drevored 13, SI-5220 Tolmin and Biotechnical Faculty of the University of Ljubljana, Department of Forestry and Renewable Forest Resources, Večna pot 83, 1000 Ljubljana, igor.dakskobler@zrc-sazu.si

1 INTRODUCTION

The Vipava Valley, together with the appertaining neighbouring Raša and Branica valleys is a part of the sub-Mediterranean phytogeographical region of Slovenia with predominantly agricultural land that surrounds the settlements. The forest cover is slightly more extensive in the valleys of the Branica and Raša. These two rivers have more or less maintained their river course, but the Raša is dry for most part of the year. The Vipava River and some of its tributaries from under the Trnovski Gozd plateau (such as the Lijak, Hubelj) are regulated and riparian forests are preserved only in traces, most of all in the section between the villages of Ustje and Brje, along the stream Jovšček and along the Lijak between Ajševica and Vogrsko. On several locations they have been replaced by poplar plantations. In comparison with the Vipava River the Reka River's course is still very natural in the upper and middle sections, where despite the cultural landscape with predominantly agricultural land relatively large areas of riverine forests have been preserved along its banks, especially along the tributaries such as the Kobljak and Mareški potok creeks. The riparian stands in this valley were inventoried in the section between Trpčane and Ribnica. As riverine forests belong among the habitat types of Community interest that require conservation-based management it makes sense that its current situation and vegetation image be inventoried and described.

2 METHODS

The vegetation of riverine forests in the Vipava and Reka Valleys was researched applying the Central-European method (Braun-Blanquet 1964). A total of 62 relevés were made in the Vipava Valley and 25 relevés

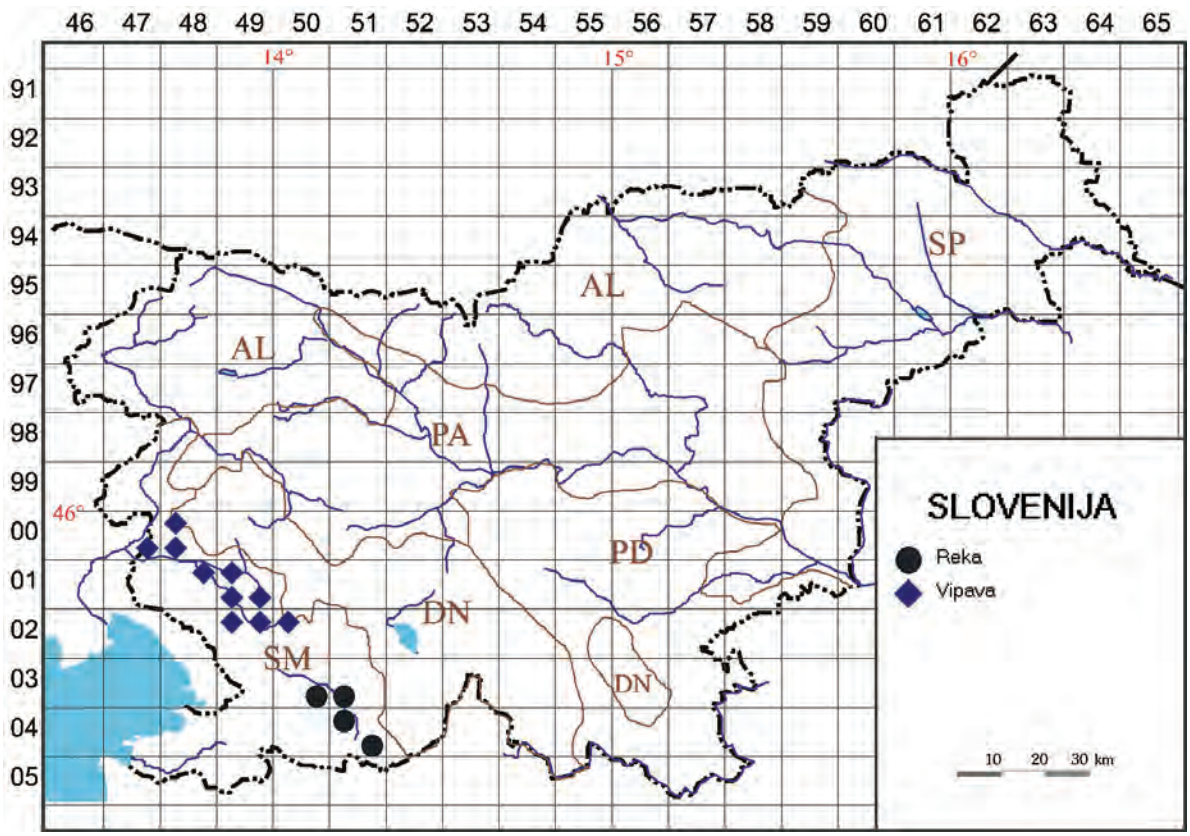

Figure 1: Approximate localities of researched stands in southwestern Slovenia
Slika1: Približna nahajališča raziskovanih sestojev v jugozahodni Sloveniji

in the Reka Valley (Figure 1). All these relevés were entered into the FloVegSi database (T. Seliškar, Vreš & A. Seliškar 2003). Combined cover-abundance values were transformed into ordinal values (van der Maarel 1979). Numerical comparisons were made with the software package SYN-TAX (Podani 2001). The relevés were compared using the "(Unweighted) average linkage" – UPGMA method. Wishart's similarity ratio was applied in all comparisons. These comparisons formed the basis for six analytic tables. The established syntaxa were compared to similar, already described communities of white willow, black alder and common oak riverine and swamp forests in Slovenia and northern Italy. We made three synoptic tables, one of them (Appendix 1) is available only on the web page. These synthetic tables provided the basis for the description of several new syntaxa. The nomenclature source for the names of vascular plants is the Mala flora Slovenije (Martinčič & al. 2007), except for the taxon *Helleborus odorus* Waldst. et Kit. subsp. *istriacus* Schiffner. Martinčič (2003, 2011) is the nomenclature source for the names of mosses. The nomenclature sources for the names of syntaxa are Theurillat (2004) and Šilc & Čarni (2012), except for the name of the class *Querco-Fagetea* Braun-Blanquet et Vlieger in Vlieger 1937. The data on the parent material follow Buser (2009). The source for the nomenclature of soil types is Urbančič et al. (2005).

2.1 Ecological description of the study area

The predominant parent material in both research areas is flysch. Consequently, the alluvium is mainly composed of marlstone, claystone and sandstone boulders, except for a few sites (such as along the Raša) with predominantly limestone boulders. The predominant soil type on gravel bars is undeveloped fluvisol that transitions to eutric brown soil on slightly elevated terraces. The marshy plains that are slightly removed from the main watercourses have predominantly pseudogley and gley soils. The climate type is designated as the sub-Mediterranean climate in the hinterlands (Ogrin 1998). The average annual temperature in the Vipava Valley is 10 – 12 °C and slightly lower in the Reka Valley, where it reaches 8 – 10 °C (Cegnar 1998). The average annual precipitation in the Vipava Valley is 1500 to 1600 mm and slightly lower in the Branica and Raša valleys, where it totals 1400 to 1500 mm. The average annual precipitation in the studied area of the Reka Valley is very similar (from 1400 to 1600 mm). In recent years, climatologists have confirmed a rise in the average annual temperature for the Vipava Valley as well as a slightly different annual distribution of precipitation (less in the winter and spring, more in the autumn) – Kajfež Bogataj (2014: 52). Both study areas are distinguished for periodical downpour and periods of heavy rain, which causes floods already in the middle course of the Reka to the southeast of Ilirska Bistrica and in the lower course of the Vipava River. The bottom of the Vipava Valley is still in the belt of common hornbeam and oaks forests classified into the association *Ornithogalo pyrenaici-Carpinetum*, whereas beech stands (*Seslerio autumnalis-Fagetum, Ornithogalo-Fagetum*) – Dakskobler, Seliškar & Vreš (2014) that overgrow shady slopes extend all the way down to the valley. The potentially natural vegetation of the upper and middle part of the Reka Valley is mainly beech forest (*Seslerio autumnalis-Fagetum, Castaneo-Fagetum sylvaticae, Ornithogalo-Fagetum*), whereas the real vegetation is dominated by sessile oak (*Melampyro vulgati-Quercetum petraeae*).

3 RESULTS AND DISCUSSION

3.1 Red willow community

In Table 1 we published one relevé that represents the most initial form of scrub-forest vegetation on the gravel bars along the Vipava River and is temporarily classified into the provisional association *Lamio orvalae-Salicetum purpureae* nom. prov. In the past there were probably more similar stands in the Vipava Valley. The extensive and planned regulation of the Vipava riverbed and its tributaries considerably reduced the possibility of the occurrence of gravel bars and pioneer willow stands on them. Upon more thorough examinations along these and other rivers in the sub-Mediterranean part of Slovenia new stands of willow scrubs may be found that will supplement our knowledge of this pioneer community.

3.2 White willow communities

We made 24 relevés of riverine stands in both areas, with predominant white willow or black poplar in the tree layer; most of them along the Vipava, in the middle course of the river. In order to obtain an adequate

syntaxonomic classification we compared them with the other relevés of white willow communities that we had made along the Soča River (see also Dakskobler, Šilc & Čušin 2004), along the Sava Bohinjka (Dakskobler & Rozman 2013) and along the Sava river in the Sava Valley (Vreš et al. 2010). The relevés formed two large groups (Figure 2) and we correspondingly arranged them into two analytic tables (Tables 2 and 3).

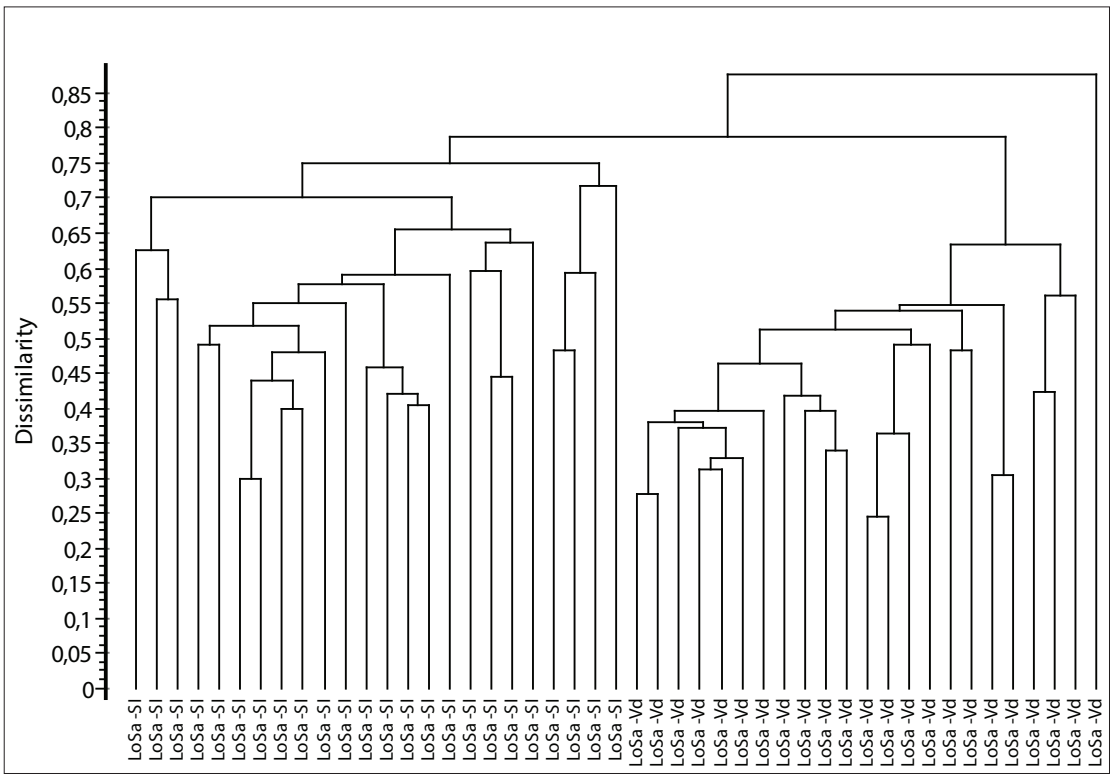

Figure 2: Dendrogram of stands with dominating Salix alba in the Vipava Valley (LoSA–Vd), in the Soča Valley and in other parts of Slovenia (LoSa–SI), UPGMA, similarity ratio
Slika 2: Dendrogram sestojev s prevladujočo belo vrbo v Vipavski dolini (LoSA–Vd), v Posočju in drugih delih Slovenije (LoSa–SI), UPGMA, similarity ratio

For an adequate syntaxonomic classification we created a synthetic table (Table 4) with the following syntaxa:
1 LoSa–Si *Lamio orvalae-Salicetum albae ranunculetosum lanuginosae*, Slovenia, this article, Table 3;
2 LoSa–Vd *Lamio orvalae-Salicetum albae caricetosum pendulae*, Slovenia, Vipava Valley, this article, Table 2;
3 Sa–Drava *Salicetum albae*, Slovenia, Drava Valley (Podravje), Javornik (2013, Appendix A, Phytosociological table, relevés 1–8);
4 Sa-Mura, *Salicetum albae* Slovenia, Mura Valley, Čarni et al. (2008, Synoptic table of forest communities, column 2, compare also P. Košir et al. 2013, Table 1, relevés 1–30);
5 Sa-Krka, *Salicetum albae*, Slovenia, Dolenjska, Šilc (2003, Table 4);
6 Sap-A *Salicetum albae phalaridetosum*, Austria, Karner (2007, Table 2, column 3);
7 Sac-A *Salicetum albae cornetosum*, Austria, Karner (2007, Table 2, column 4);
8 *Amorpho fruticosae-Salicetum albae* var. *Populus nigra*, N-Italy, Poldini, Vidali & Ganis, (2011, Table 3, column 9);
9 *Amorpho fruticosae-Salicetum albae* var. *Bidens frondosa*, N-Italiy, Poldini, Vidali & Ganis, (2011, Table 3, column 11);
10 *Amorpho fruticosae-Salicetum albae* var. *Humulus lupulus*, N-Italy, Poldini, Vidali & Ganis, (2011, Table 3, column 10).

For now, our synthetic table does not include the pioneer white willow community (*Salicetum albae* s. lat.) along the Sotla that was described by Cimperšek (2010, Table 1). In terms of its species composition this community clearly differs from the studied white willow communities in the Vipava and the Reka Valleys and demonstrates the greatest similarity with the white willow community along the Krka and the Mirna.

The floristic composition of the selected syntaxa was compared with hierarchical classification (Figure 3).

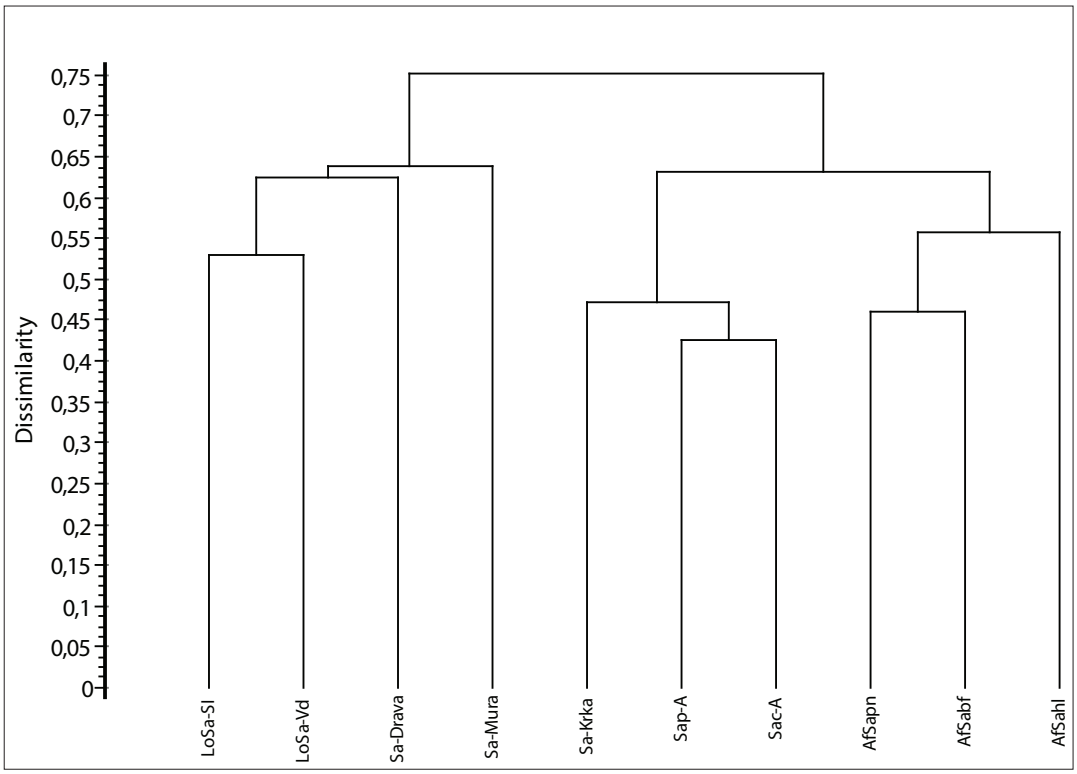

Figure 3: Dendrogram of syntaxa of the macroassociation Salicetum albae *s. lat. from Slovenia, Austria and northern Italy, UPGMA, similarity ratio*

Slika 3: Dendrogram sintaksonov makroasociacije Salicetum albae *s. lat. iz Slovenije, Avstrije in severne Italije, UPGMA, similarity ratio*

The compared syntaxa formed three groups. The first comprises the white willow communities from the Vipava, Reka, Soča and Sava River basins and the while willow communities along the Drava and the Mura. The second group comprises a white willow community along the Krka and Mirna in the Dolenjska region and white willow communities from Austria. The third group comprises white willow communities from northern Italy. Some differences between the compared syntaxa were demonstrated also with the analysis by groups of diagnostic species (Table 5). The white willow communities from the first group are mainly found on deposits of fast-flowing rivers, on gravel and sand. In some places the deposits are slightly elevated from the river surface. The soil is undeveloped, fluvisol, usually flooded several times a year, but nevertheless occasionally very dry. This occasional drying out of sites is frequently the result of human activity, especially regulation of river banks and gravel excavation. The studied communities most significantly differ from real lowland white willow communities, where the soil is moist or even wet for most of the year, by a substantially higher proportion of species from the alliance *Tilio-Acerion*, order *Fageatlia sylvaticae* and class *Querco-Fagetea* and by a significantly smaller proportion of the species from the class *Phragmiti-Magnocaricetea*. Their species composition demonstrates successional development toward communities from the alliance *Alnion incanae*, which was established also by Poldini, Vidali & Ganis (2011). In Austria, such

stands are classified into the subassociation *Salicetum albae cornetosum*, but their floristic composition is clearly different from the floristic composition of the studied communities (Figure 3). White willow stands in Slovenia, especially its western and southwestern part, are well differentiated also by some species of alliances *Erythronio-Carpinion* and *Aremonio-Fagion*, which is partly attributed to the forest vegetation that dominates in their vicinity.

Based on these findings we classify the studied white willow communities along the Vipava and Reka into the new association *Lamio orvalae-Salicetum albae* ass. nov. Its nomenclature type, *holotypus*, is relevé 20 in Table 2. The diagnostic species of the new association are *Salix alba, Lamium orvala*, *Ranunculus ficaria, Galanthus nivalis, Lunaria rediviva* and *Arum maculatum*, i.e. mostly the species that indicate the transitional status of these stands toward the communities from the alliance *Alnion incanae*. Compared to the white willow community along the Reka and the Soča the upper tree layer in the riparian white willow stands along the Vipava River is frequently dominated by black poplar (*Populus nigra*), while box elder (*Acer negundo*) is spreading rapidly in both the lower tree layer and the shrub layer. The herb layer is best characterised by *Carex pendula*, *Ruscus aculeatus* and *Ornithogalum pyrenaicum*, which are also the differential species of the new subassociation *Lamio orvalae-Salicetum albae caricetosum pendulae*. Its nomenclature type, *holotypus*, is relevé 20 in Table 2. Said species characterise this community both ecologically (alluvium on flysch with dominating marlstone, claystone and sandstone boulders) and phytogeographically (sub-Mediterranean region with warm climate). The relevés of white willow communities from the Reka Valley grouped together with other relevés from the Upper Soča Valley and some other parts of Slovenia (Table 3). They are classified into the new subassociation *Lamio orvalae-Salicetum albae ranunculetosum lanuginosae*. Its differential species are *Ranunculus lanuginosus*, *Cardamine amara*, *Impatiens noli-tangere, Fraxinus excelsior* and *Leucojum verum*. The listed species indicate better developed, moist fluvisols, a transition to the communities from the alliance *Alnion incanae* and, compared to the previously described subassociation, a colder climate. Also different is the com-

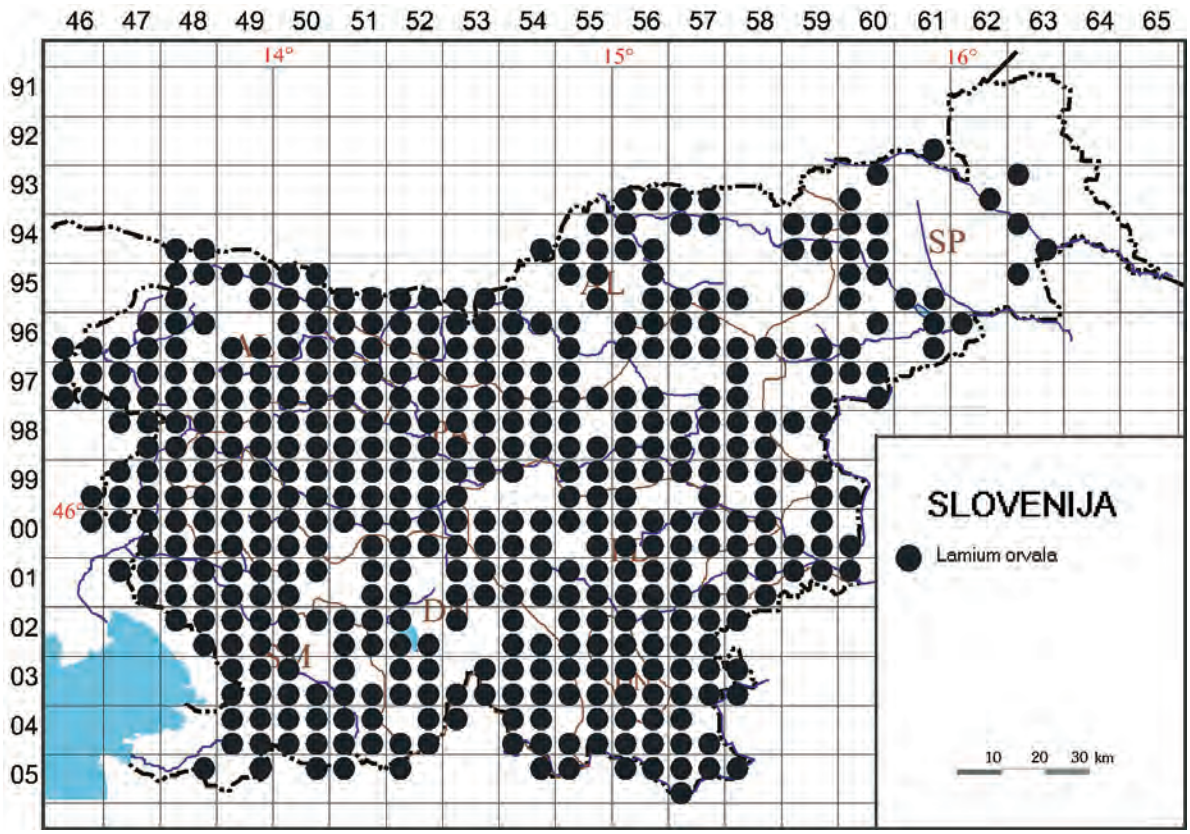

Figure 4: Distribution of Lamium orvala in Slovenia
Slika 4. Razširjenost vrste Lamium orvala v Sloveniji

position of alluvium, which is usually dominated by calcareous boulders and sand.

The nomenclature type, *holotypus*, of the subassociation *Lamio orvalae-Salicetum albae ranunculetosum lanuginosae* is relévе No. 18 in Table 3. Within this subassociation we distinguish the variant with *Leucojum vernum* (*Lamio orvale-Salicetum albae ranunculetosum lanuginosae* var. *Leucojum vernum*), which comprises the relevés originally described as the syntaxon *Salicetum albae* Issler 1926 *leucojetosum verni* Šilc, Čušin & Dakskobler in Dakskobler, Šilc et Čušin 2004 (Dakskobler, Šilc & Čušin, 2004, Table 1, relevés 3–15). These relevés do not belong into the association *Salicetum albae* s. str., as was ascertained also by Poldini, Vidali & Ganis (2011: 144) in their comparison.

According to our comparisons the association *Lamio orvalae-Salicetum albae* could comprise also the white willow communities along the Mura (Čarni et al. 2008; Košir et al. 2013) and Drava Rivers (Javornik 2013), even though some of the diagnostic species of this association were not recorded in these stands, in particular not *Lamium orvala* which grows also along the Drava and Mura (Figure 4).

3.3 *Acer negundo* community in the Vipava Valley

Box elder (also boxelder maple) is a Northern American species that was introduced to Europe in 1688 as a park tree. In its native land is grows in flood plains and riverine forests, on disturbed sites with ample water supply. It is a heliophilous and pioneer species and in its native range it often overgrows abandoned farmlands (Brus 2005: 275). In Slovenia it is grown as an ornamental tree. It spreads subspontaneously to riverine and floodplain forests, especially on sites similar to those in its native range. Čarni et al. (2008) and P. Košir et al. (2013) recorded it in the Mura Valley in the stands of the syntaxa *Salicetum albae*, *Fraxino-Ulmetum effusae allietosum ursini* and *Fraxino-Ulmetum effusae quercetosum roboris*. We recorded it in the Soča Valley, in the stands of associations *Salicetum albae* s. lat., *Lamio orvalae-Alnetum incanae* and *Lamio orvalae-Salicetum eleagni* (Dakskobler, Šilc & Čušin 2004, Dakskobler & Rozman 2013). In the lowlands it already grows subspontaneously in the major part of Slovenia, especially along rivers, including the Sava, the Krka and the Drava (Figure 5).

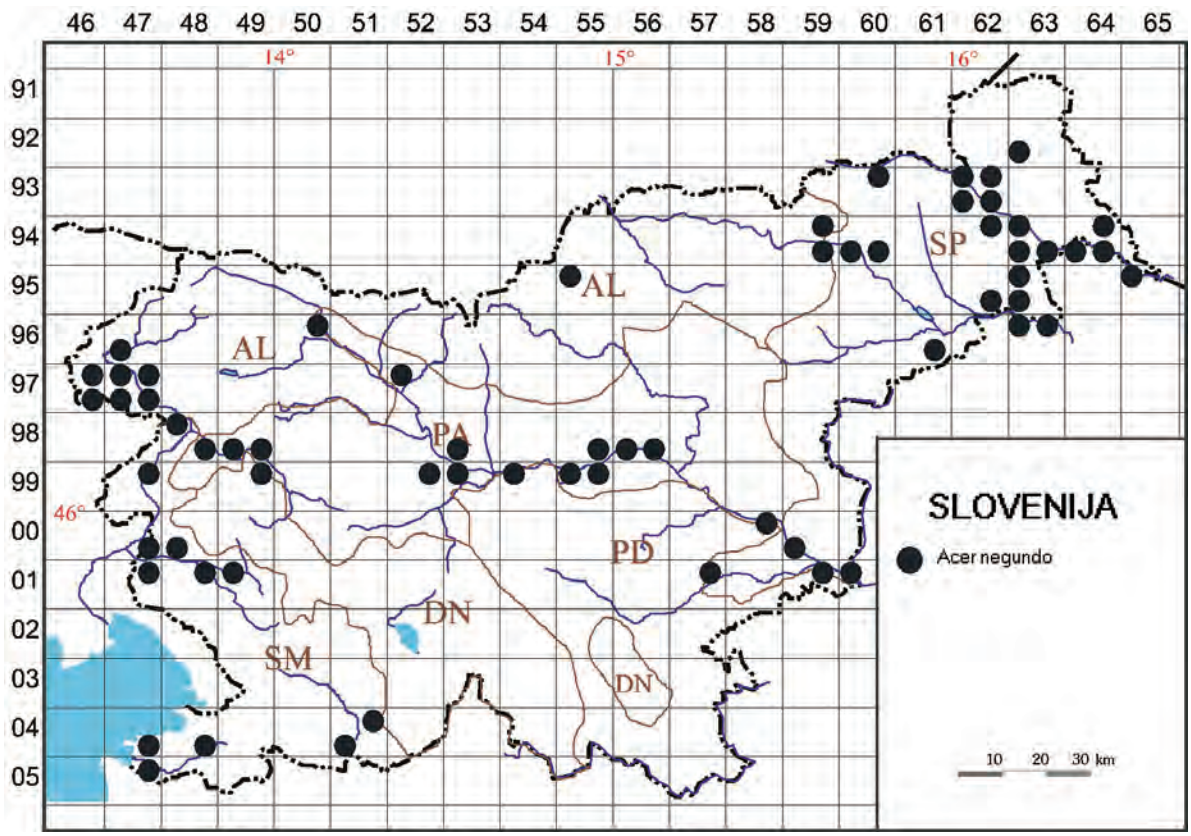

Figure 5: Distribution of Acer negundo in Slovenia
Slika 5: Razširjenost vrste Acer negundo v Sloveniji

Aeschimann et al. (2004: 1044) classify *Acer negundo* as a character species of the alliance *Alnion incanae*. In this article we classify it as a diagnostic species of the alliance *Salicion albae*, as it occurs the most abundantly in the white willow community in the Vipava Valley. We also recorded two riverine stands on abandoned farmland on the right bank of the Lijak between Ajševica and Vogrsko in the lower Vipava Valley, where it is the dominant species of the tree layer (Table 6). For the time being, we classify these two relevés into the provisional new association *Ornithogalo pyrenaici-Aceretum negundi* nom. prov. Its diagnostic species are *Acer negundo*, *Ruscus aculeatus* and *Ornithogalum pyrenaicum*. These stands occurred on contact sites between the communities of white willow (*Lamio orvalae-Salicetum albae*), black alder and common oak (*Lamio orvalae-Alnetum glutinosae, Pseudostellario-Carpinetum betuli*) and between the common hornbeam and common oak communities (*Ornithogalo pyrenaici-Carpinetum betuli caricetosum pilosae* var. *Quercus robur*). The provisional association *Ornithogalo-Aceretum negundi* is temporarily classified into the alliance *Alnion incanae*.

3.4 Communities of black alder, common oak and hornbeam

Table 7 comprises 39 relevés of riverine forests in the Vipava Valley that grouped separately from the white willow community that was described in the previous chapters. In order to obtain an adequate syntaxonomical classification of these relevés we made a synthetic table (Appendix 1, available in electronic form) with the following syntaxa:

OrClo *Ornithogalo pyranaici-Carpinetum betuli lamietosum orvalae*, the Vipava Valley, this article, Table 7, relevés 20–39;

LoAg-Vd *Lamio orvalae-Alnetum glutinosae*, the Vipava Valley, this article, Table 7, relevés 14–19;

LoAgsb-R *Lamio orvalae-Alnetum glutinosae* var. *Scilla bifolia*, the Reka Valley, this article, Table 8, relevés 6–9;

LoAgcb-R *Lamio orvalae-Alnetum glutinosae* var. *Cardamine bulbifera*, the Reka Valley, this article, Table 8, relevés 10–19;

LoAgsb1-R *Lamio orvalae-Alnetum glutinosae* var. *Scilla bifolia*, the Reka Valley, this article, Table 8, relevés 1–5;

LoAg1-Vd *Lamio orvalae-Alnetum glutinosae*, the Vipava Valley, this article, Table 7, relevés 10–13;

LoAg-ZP *Lamio orvalae-Alnetum glutinosae* s. lat., the Soča and Idrijca Valleys, Dakskobler, (2016, mscr.);

PsCbla-Vd *Pseudostellario-Carpinetum betuli leucojetosum aestivi*, the Vipava Valley, Lijak, this article, Table 7, relevés 1–9;

Fra-Is *Rusco aculeati-Fraxinetum angustifoliae* nom. prov., Istria, Dakskobler & Sadar (2016, mscr.);

CacAg-R *Carici acutae-Alnetum glutinosae* nom. prov., the Reka Valley, Dakskobler (2016, mscr.);

CraA-Md *Carici randalpinae-Alnetum glutinosae* Martinčič 2007 nom. prov., Dolenjska, the Rašica Valley, Dakskobler (2016, mscr.);

CelAggr-A *Carici elongatae-Alnetum glutinosae* var. *Geum rivale*, Dolenjska, the Kočevje region, Accetto (1994, Table 3);

SnAg-A *Stellario-Alnetum glutinosae* var. geogr. *Knautia drymeia*, Dolenjska, Accetto (1994, Table 4);

ChAg-It *Corno hungaricae-Alnetum glutinosae*, N-Italy, Sburlino et al. (2011, Table 1);

CelAg-It *Carici elatae-Alnetum glutinosae*, N-Italy, Sburlino et al. (2011, Table 2);

CelAgla-A *Carici elongatae-Alnetum glutinosae* var. *Leucojum aestivum*, Dolenjska, the Krka Valley, Accetto (1994, Table 2);

CelAgcr-A *Carici elongatae-Alnetum glutinosae caricetosum ripariae*, the Mura Valley (Pomurje), Accetto (1994, Table 1, relevés 1–6).

These were mutually compared through hierarchical classification, which produced the following dendogram (Figure 6).

The results show that most of the relevés from the Vipava Valley and the Reka Valley grouped separately from the relevés of associations *Stellario-Alnetum glutinosae*, *Carici elongatae-Alnetum glutinosae*, *Corno hungaricae-Alnetum glutinosae* and *Carici elatae-Alnetum glutinosae*. The exception are the four relevés made along the stream Kobljak and along the Reka River at Topolc in which neither *Carex elongata* nor *Carex elata* occur; instead, some of these relevés comprise *Carex acuta, C. rostrata* and *C. riparia*. These stands are not discussed in this article and we will provide some additional relevés before we make an attempt at a relevant syntaxonomical classification.

Most of the studied black alder stands therefore do not belong to an alder carr, but to a group of riverine (riparian) stands. In Slovenia, such black alder stands are mainly classified into the association *Stellario nemorum-Alnetum glutinosae* (Cimprešek 2013). Similar communities are classified into this association also elsewhere in Europe (Douda et al. 2016). Our relevés match the sites of this association in terms of ecology, but not in terms of floristic composition. We therefore classified the relevés with predominant black alder that were made in the Reka Valley (Table 8) into the

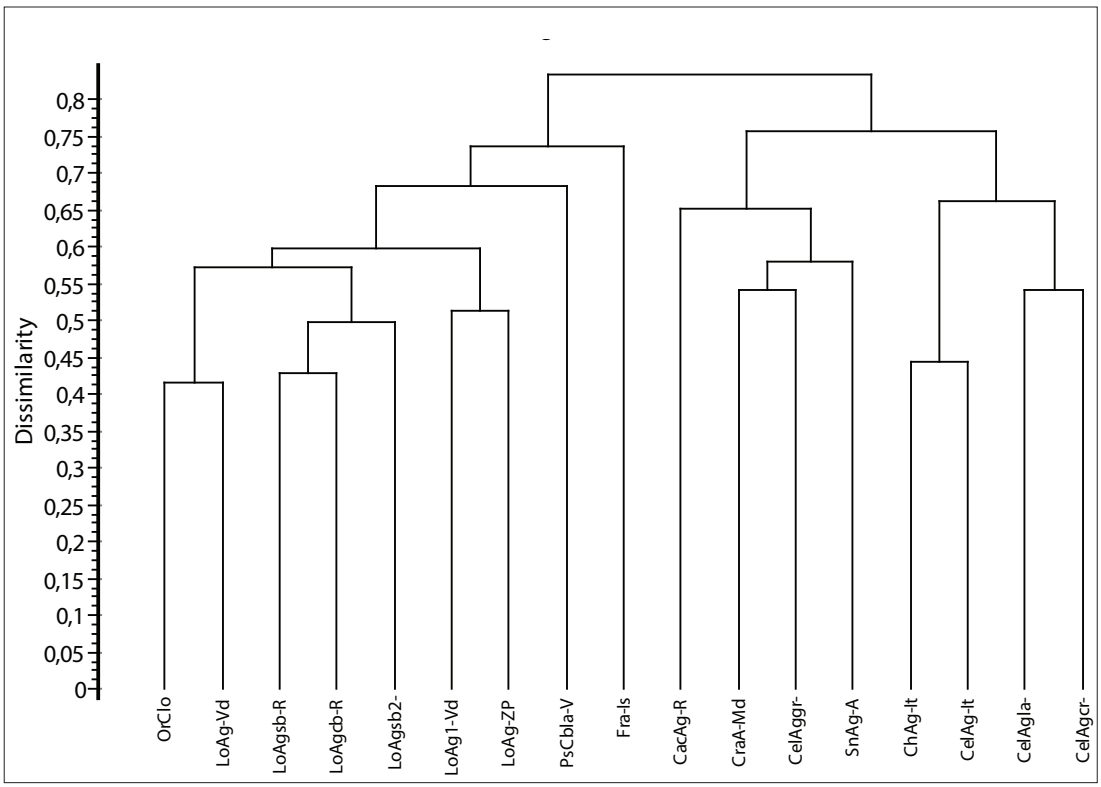

Figure 6: Dendrogram of communities with dominant Alnus glutinosa, Quercus robur and Carpinus betulus, Slovenia, N-Italy, UPGMA, similarity ratio
Slika 6: Dendrogram združb s prevladujočimi vrstami Alnus glutinosa, Quercus robur in Carpinus betulus, Slovenija, severna Italija, UPGMA, similarity ratio

new association *Lamio orvalae-Alnetum glutinosae*. Its diagnostic species are *Alnus glutinosa, Lamium orvala, Ornithogalum pyrenaicum* and *Galanthus nivalis*. The new association comprises mainly pioneer black alder and European ash stands with individual specimens of white willow, black poplar and, especially in the lower tree layer, white poplar and field maple (*Acer campestre*) on fluvisols or eutric brown soils, primarily along streams, on areas with predominantly mixed parent material (flysch, marlstone, limestone interlayered with marlstone). In the past, such riverine forests that are only occasionally flooded were frequently cut for agricultural land (meadows, orchards). Their appearance today is secondary. They are a long-term pioneer stage that may develop in secondary succession and on automorphic soil into common hornbeam (*Ornithogalo-Carpinetum*) and even beech (*Ornithogalo-Fagetum*) communities. The new association is classified into the alliance *Alnion incanae*. Its nomenclature type, *holotypus*, is relevé 9 in Table 8. In the Reka Valley we currently distinguish two variants, a more hygrophilous one on fluvisols with *Scilla bifolia* (its differential species is also *Allium ursinum*) and a more pioneer form on predominantly eutric soil, the variant with *Cardamine bulbifera* (its differential species is also *Crocus vernus* subsp. *vernus* = *C. napolitanus*). For now, the association *Lamio orvalae-Alnetum glutinosae* in the Vipava Valley comprises ten relevés (relevés 10–19 in Table 7). We made them at different localities, mainly along lateral streams (Jovšček, Lijak, Pasji rep) and in Panovec, on fluvisols, in places also on pseudogley soils. In addition to the predominant black alder the tree layer sometimes comprises individual specimens of common oak (*Quercus robur*), narrow-leaved ash (*Fraxinus angustifolia*) and European field elm (*Ulmus minor*). *Fraxinus excelsior* and *Carpinus betulus* occur less frequently in these stands than in the stands in the Reka Valley.

Some of the relevés with predominant or frequent black alder in the tree layer (relevés 25–29 in Table 7), especially in the Branica Valley and along the Lijak, grouped with other relevés that are classified into the

association *Ornithogalo-Carpinetum betuli*. Marinček, Poldini & Zupančič (1983) described this association in the lower Vipava Valley and partly also in the Central Soča Valley and northeastern Italy. Our relevés were made on slightly elevated, but still periodically flooded terraces along the Raša and Branica, a few also along the Vipava and Lijak. The tree layer of the preserved stands is dominated by *Carpinus betulus*, *Alnus glutinosa* and *Acer campestre*. It comprises also individual specimens of *Fraxinus excelsior*, *Acer pseudoplatanus*, *Ulmus glabra* and *U. minor*. Due to coppicing black locust (*Robinia pseudoacacia*) frequently dominates in the tree layer. Its predominance is generally characteristic also in other forms of this association in the Nova Gorica region and the Vipava Valley. Our stands cannot be classified within either subassociation that has been described so far: *-ostryetosum carpinifolia* and *-caricetosum pilosae* (Marinček, Poldini, Zupančič, ibid.). They are slightly similar to the stands of the syntaxon *Ornithogalo-Carpinetum caricetosum pilosae* var. *Quercus robur* subvar. *Equisetum telmateia*, except that in our relevés common oak is very rare, just like *Carex pilosa*, which was found in only one relevé, whereas *Equisetum telmateia* was not recorded at all. Our stands are therefore classified into the new subassociation *Ornithogalo-Carpinetum betuli lamietosum orvalae* subass. nov. It indicates relatively moist sites on terraces along streams and small rivers on the transition between fluvisols (hydromorphic) and automorphic (eutric) soils, where black alder occasionally establishes itself in forest stands as a pioneer species. The new subassociation was named after *Lamium orvala*, which is frequent also in other forms of the association *Ornithogalo-Carpinetum*, but indicates mesophilous riverine sites and a certain similarity and contact with the stands of the association *Lamio orvalae-Alnetum glutinosae*. Phytogeographical differential species is the taxon *Helleborus odorus* subsp. *istriacus* (= *H. multifidus* subsp. *istriacus*) that characterises primarily the stands along the Raša and Branica, which are the northern border of its distribution range. The nomenclature type, *holotypus*, of the subassociation *Ornithogalo-Carpinetum betuli lamietosum orvalae* is relevé 33 in Table 7. Relevés 25–29 can be treated as the syntaxon *Ornithogalo-Carpinetum lamietosum orvalae* var. *Alnus glutinosa*.

In the synthetic comparison (Figure 6) two syntaxa formed separate groups. The first comprises the relevés with predominating *Fraxinus angustifolia* on fluvisols in the Slovenian part of Istria. These are temporarily classified into the association *Rusco aculeati-Fraxinetum angustifoliae* nom. prov. (Dakskobler & Sadar 2016, mscr.). The other, floristically unique syntaxon comprises the relevés of mixed stands with predominating *Quercus robur*, *Alnus glutinosa, Fraxinus angustifolia, Ulmus minor* and *Carpinus betulus* (the latter occurs in particular in the lower tree layer) on pseudogley and gley soils on the right bank of the stream Lijak (Log, Butnica) between Ajševica and Vogrsko. These stands did not group with black alder communities on pseudogley and gley soils (associations *Carici elongatae-Alnetum glutinosae*, *Carici acutae-Alnetum glutinosae* nom. prov., *Carici randalpinae-Alnetum glutinosae* nom. prov.), nor with the stands of the syntaxa *Ornithogalo-Carpinetum betuli lamietosum orvalae* and *Lamio orvalae-Alnetum glutinosae*, even though they are more similar to them in terms of their full floristic composition than to the black alder communities in central, eastern, southwestern and southeastern Slovenia. These stands cannot be classified into the predominating forest community in the hills to the southeast of Nova Gorica, into the association *Ornithogalo-Carpinetum,* nor in its most hygrophilous form *-caricetosum pilosae* var. *Quercus robur* subvar. *Equisetum telmateia*. In comparison with the latter, *Alnus glutinosa* in the studied stands has considerably higher medium coverage and its differential species are *Fraxinus angustifolia, Ulmus minor* and *Leucojum aestivum.* These obvious differences indicate a much more hygrophilous community on hydromorphic soils that cannot be classified into the alliance *Erythronio-Carpinion* whose communities mainly occur on automorphic soils (brown calcareous or eutric brown soils). In order to obtain an adequate syntaxonomic classification we made a synoptic table (Table 9) that comprises the following syntaxa whose tree layer is dominated by similar species as our stands, namely *Quercus robur*, *Alnus glutinosa*, *Fraxinus angustifolia*, *Ulmus minor, U. laevis* and *Carpinus betulus*:

PsCbla *Pseudostellario-Carpinetum betuli leucojetosum aestivi*, Lijak, this article, Table 7, relevés 1–9;

PsCb *Pseudostellario-Carpinetum betuli*, Krakovski Gozd, Accetto (1973, 1974);

PsQrla *Pseudostellario-Quercetum roboris leucojetosum aestivi*, Southeastern Slovenia, Accetto (1995, Table 2);

FUeqr *Fraxino-Ulmetum effusae quercetosum roboris*, the Mura Valley (Pomurje), P. Košir et al. (2013, Table 1, relevés 39–58).

The result of this comparison is the dendrogram in Figure 7.

The comparison showed that in terms of their floristic composition the studied stands along the Lijak are the most similar to the stands of the association *Psudostellario-Carpinetum betuli* and less to the stands

of the association *Pseudostellario-Quercetum roboris* (into which we could probably include relevé 9 in Table 7) and *Fraxino-Ulmetum effusae quercetosum roboris*. The differences between them are evident also from the analysis by groups of diagnostic species (Table 10). Similarly to the stands of the association *Pseudostellario-Carpinetum betuli* the stands of the studied syntaxon comprise a substantially higher proportion of diagnostic species of the classes *Querco-Fagetea* and *Fagetalia sylvaticae* (together they total more than 45%) than the stands of the syntaxon *Pseudostellario-Quercetum petraeae* (less than 20%). The stands of the syntaxon *Pseudostellario-Quercetum roboris* stand out with a high proportion of diagnostic species of the following syntaxonomic units: *Alnion incanae, Alno-Quercion roboris, Calthion, Molinietalia caeruleae* and *Phragmiti-Magnocaricetea*, while the stands of the syntaxon *Fraxino-Ulmetum effusae quercetosum roboris* have a high proportion of syntaxonomic units *Alno-Quercion roboris* and *Galio-Urticetea*. Compared to the stands of the association *Pseudostellario-Carpinetum* in southeastern Slovenia the studied stands com-

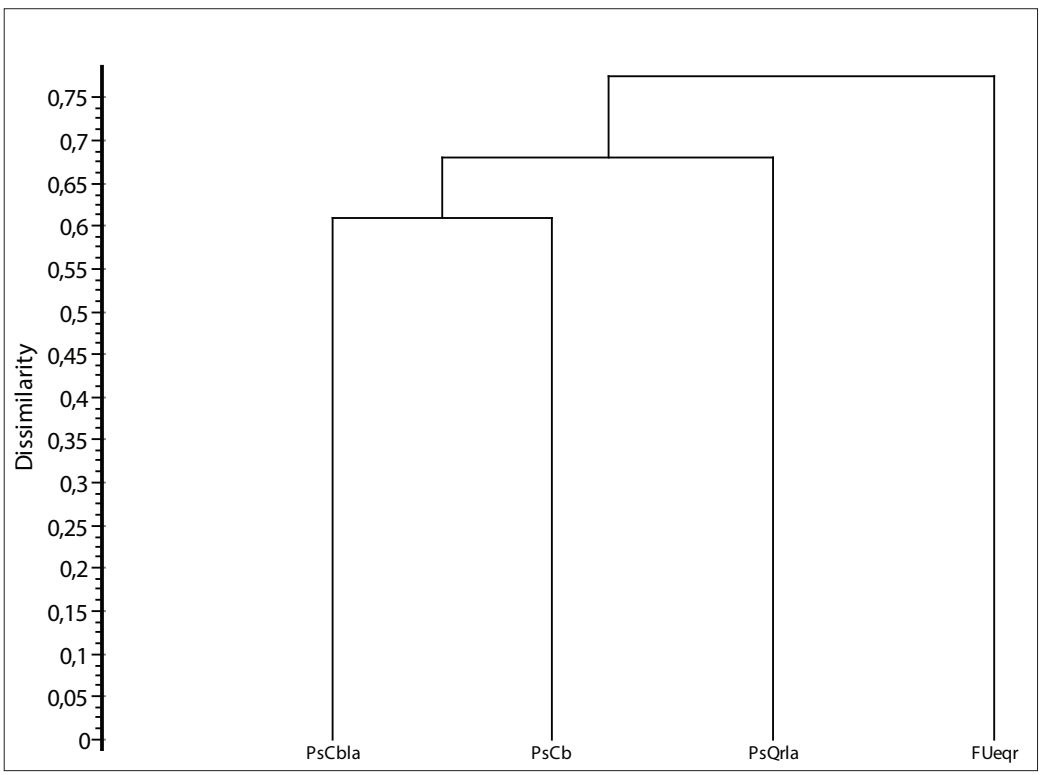

Figure 7: Dendrogram of syntaxa Pseudostellario-Carpinetum, Pseudostellario-Quercetum roboris leucojetosum aestivi and Fraxino-Ulmetum effusae quercetosum roboris, UPGMA, similarity ratio
Slika 7: Dendrogram sintaksonov Pseudostellario-Carpinetum, Pseudostellario-Quercetum roboris leucojetosum aestivi in Fraxino-Ulmetum effusae quercetosum roboris, UPGMA, similarity ratio

prise a distinctly higher proportion of diagnostic species of alliance *Erythronio-Carpinion* and class *Querco-Fagetea* and a distinctly smaller proportion of species of syntaxonomic groups *Fagetalia sylvaticae*, *Vaccinio-Piceetea*, *Molinio-Arrhenatheretea* and *Galio-Urticetea*.

Based on said comparisons it is the most appropriate that the stands along the Lijak be classified into the new subassociation *Pseudostellario-Carpinetum betuli leucojetosum aestivi* subass. nov. Its nomenclature type, *holotypus*, is relevé 5 in Table 7. The diagnostic species of the association *Pseudostellario-Carpinetum Quercus robur*, *Carex remota* and *Pseudostellaria europaea* are well represented in our relevés, whereas *Gagea spathacea* and *Pulmonaria dacica* are absent. The differential species of the new subassociation *-leucojetosum aestivi* are *Leucojum aestivum*, *Fraxinus angustifolia, Lamium orvala* and *Allium ursinum*, which indicate a very hygrophilous common oak-common hornbeam community whose ecology is very similar also to the stands of

a slightly more hygrophilous association *Pseudostellario-Quercetum roboris*. Riparian stands along the Lijak are classified into the new geographical variant *Pseudostellario-Carpinetum betuli* var. geogr. *Ranunculus aesontinus* var. geogr. nova. The differential species of the geographical variant are *Ranunculus aesontinus* and *Ruscus aculeatus*, which indicate the occurrence of these stands in western Slovenia and in the sub-Mediterranean phytogeographical region. *Ranunculus aesontinus* is endemic to the southwestern Julian Alps and their foothills (Figure 8); it occurs only in the Soča Valley and in the neighbouring Friuli Venezia Giulia (Wraber 1996: 87, Poldini 2002: 400) and characterises the studied stands both in terms of phytogeography and ecology as it is a character species of lowland and hill forest communities on moist sites. So far, the stands of the association *Pseudostellario-Carpinetum betuli* have been known mostly in southeastern Slovenia, in the pre-Dinaric and sub-Pannonian phytogeographical region (Accetto 2006).

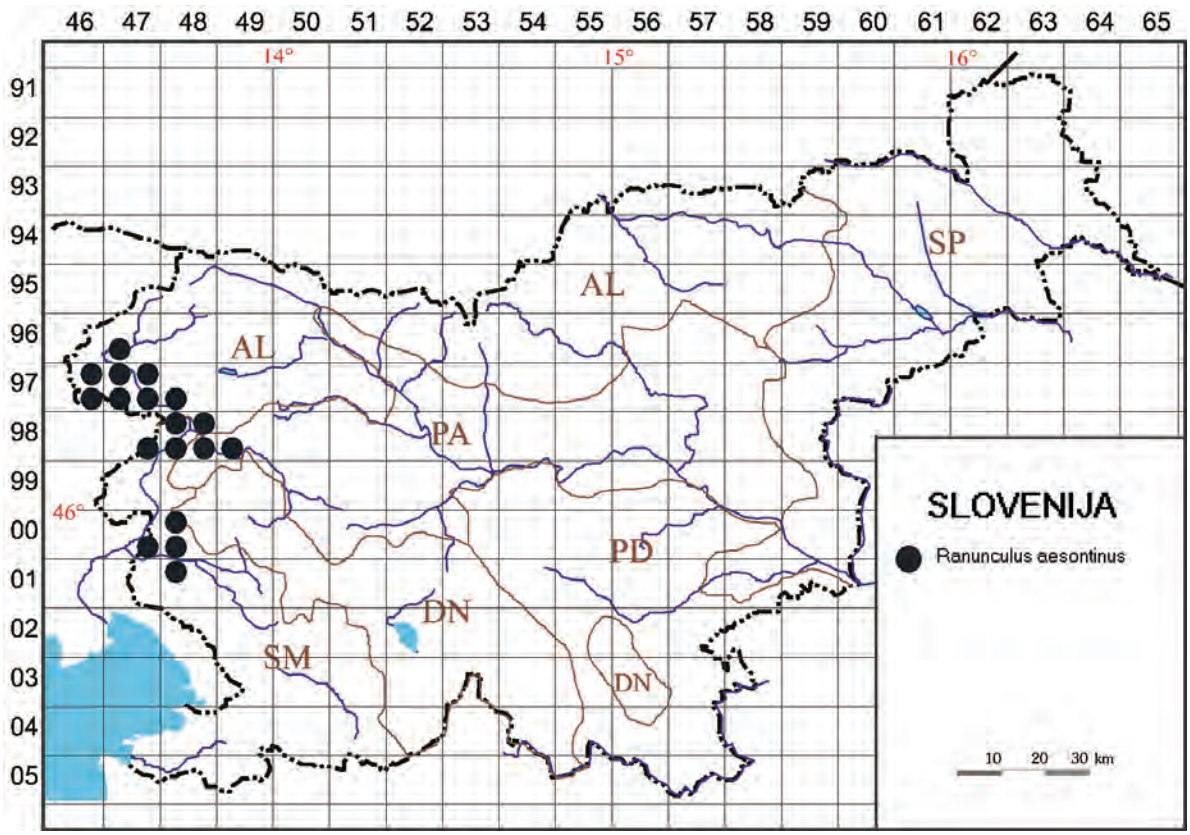

Figure 8: Distribution of Ranunculus aesontinus in Slovenia
Slika 8: Razširjenost vrste Ranunculus aesontinus v Sloveniji

4 CONCLUSIONS

The synsystematic conspectus of the communities discussed in the article is as follows:

Class: *Salicetea purpureae* Moor 1958
Order: *Salicetalia purpureae* Moor 1958
Alliance: *Salicion eleagno-daphnoidis* (Moor 1958) Grass 1993
Association: *Lamio orvalae-Salicetum purpureae* nom. prov.

Alliance: *Salicion albae* Soó 1951
Associations and subassociations:
Salicetum albae Issler 1926
-phalaridetosum Wendelberger-Zelinka 1952
-cornteosum Wendelberger-Zelinka 1952
-leucojetosum verni Šilc, Čušin & Dakskobler in Dakskobler, Šilc et Čušin 2004
Amorpho fruticosae-Salicetum albae Poldini, Vidali et Ganis 2011
Lamio orvalae-Salicetum albae ass. nov.
*-caricetosum pendula*e subass. nov.
-ranunculetosum lanuginosae subass. nov.

Class: *Alnetea glutinosae* Br.-Bl. et Tx. 1943
Order: *Alnetalia glutinosae* R. Tx. 1937
Alliance: *Alnion glutinosae* Malcuit 1929
Associations and subassociations:
Carici elongatae-Alnetum glutinosae Koch ex Tx. 1931
-caricertosum ripariae Accetto 1994
Carici randalpinae-Alnetum glutinosae Martinčič 2007 nom. prov.
Carici elatae-Alnetum glutinosae Franz ex Sburlino, Poldini, Venanzoni et Ghirelli 2011
Corno hungaricae-Alnetum glutinosae Sburlino, Poldini, Venanzoni et Ghirelli 2011
Carici acutae-Alnetum glutinosae nom. prov.

Class: *Querco-Fagetea* Br.-Bl. et Vlieger in Vlieger 1937
Order: *Fagetalia sylvaticae* Walas 1933
Alliance: *Alnion incanae* Pawłowski in Pawłowski et al. 1928
Suballiance: *Ulmenion* Oberdorfer 1953
Associations and subassociations:
Fraxino angustifoliae-Ulmetum effusae Slavnić 1952 *quercetosum roboris* P. Košir, Čarni, Marinšek et Šilc 2013
Pseudostellario europaeae-Quercetum roboris Accetto 1974 *leucojetosum aestivi* Accetto 1995

Suballiance: *Alnenion glutinosae-incanae* Oberdorfer 1953
Associations:
Stellario nemorum-Alnetum glutinosae Lohmeyer 1957
Lamio orvalae-Alnetum glutinosae ass. nov.
Ornithogalo pyrenaici-Aceretum negundi nom. prov.

Alliance: *Fraxino pannonicae-Carpinion betuli* Accetto 2006
Association and subassociation:
Pseudostellario-Carpinetum betuli Accetto 1974 *leucojetosum aestivi* subass. nov.
var. geogr. *Ranunculus aesontinus* var. geogr. nov.

Alliance: *Erythronio-Carpinion* (Ht. 1938) Marinček in Mucina, Wallnöfer et Grass 1993
Association and subassociation:
Ornithogalo pyrenaici-Carpinetum betuli Marinček, Poldini et Zupančič ex Marinček 1994 *lamietosum orvalae* subass. nov.

If we ignore the floristic composition and consider the appearance in terms of habitat types, the communities from the alliance *Alnion incanae* could be classified into the order *Fraxinetalia* Scamoni et Passarge 1959 and class *Populetea albae* Br.-Bl. 1962 (Theurillat 2004, Šilc & Čarni 2012). In terms of the vegetation classification that was made based on extensive databases for European floodplain forests and alder carr (Douda et al. 2016), some of the newly described syntaxa might group within broadly understood macroassociations *Salicetum albae* s. lat. and *Stellario-Alnetum glutinosae* s. lat.

The studied riverine forest communities mainly belong among the habitat types of Community interest (Dakskobler, Kutnar & Šilc 2013). They are also site of some protected and Red List species (Anon. 2002, 2004) such as *Pseudostellaria europaea*, *Ranunculus aesontinus*, *Orobanche hederae, Leucojum aestivum, Ruscus aculeatus, Iris pseudacorus, Erythronium dens-canis, Galanthus nivalis, Lilium martagon, Helleborus odorus, Helleborus odorus* subsp. *istriacus, Cyclamen purpurascens, Neottia nidus-avis, Listera ovata, Convallaria majalis, Dactylorhiza fuchsii, Platanthera chlorantha, Ilex aquifolium* and *Ophioglossum vulgatum*. The stands of the studied communities are mainly preserved on small areas surrounded by farmland and are subject, especially in the Vipava Valley, to clear-cuttings and other major spatial interventions. They are also exposed to aggressive penetration of alien invasive species, especially *Robinia pseudoacacia* and *Acer negundo*, in places also *Spiraea japonica*, *Quercus rubra*, *Ailanthus altissima*, *Impatiens glandulifera*, *Solidago gigantea*, *Helianthus tuberosus* and others.

5 POVZETEK

Po standardni srednjeevropski metodi smo raziskali obrežne gozdove v Vipavski dolini (62 popisov) in dolini Reke 25 popisov). Popise smo vnesli v bazo FloVegSi (T. Seliškar, Vreš & A. Seliškar 2003) in jih računalniško obdelali s programskim paketom SYN-TAX (Podani 2001).

5.1 Logi bele vrbe

Pionirski sestoj rdeče vrbe ob reki Vipavi začasno uvrščamo v asociacijo *Lamio orvalae-Salicetum purpureae* nom. prov., dva popisa pionirskega gozda s prevladujočim ameriškim javorjem (*Acer negundo*) ob reki Lijak pa v asociacijo *Ornithogalo pyrenaici-Aceretum negundi* nom. prov.

V obeh raziskovanih območjih smo naredili 24 popisov obrežnih sestojev s prevladujočima belo vrbo ali črnim topolom v drevesni plasti, večino ob reki Vipavi v njenem srednjem teku. Za ustrezno sintaksonomsko uvrstitev smo jih primerjali skupaj z drugimi našimi popisi združb bele vrbe ob reki Soči (glej tudi Dakskobler, Šilc & Čušin 2004), ob Savi Bohinjki (Dakskobler & Rozman 2013), ob reki Savi v Zasavju (Vreš et al. 2010). Popisi so se združevali v dve veliki skupini (slika 2), zato smo jih uredili v dve analitski preglednici (preglednici 2 in 3). Za njihovo ustrezno sintaksonomsko uvrstitev smo izdelali sintezno tabelo (preglednica 4), v katero smo uvrstili združbe bele vrbe ob Krki in Mirni (Šilc (2003), Dravi (Javornik (2013), Muri Čarni et al. (2008), P. Košir et al. (2013), združbe bele vrbe v Avstriji (Karner 2007) in v severovzhodni Italiji Poldini, Vidali & Ganis, (2011). V sintezno tabelo za zdaj nismo uvrstili pionirske oblike združbe bele vrbe (*Salicetum albae* s. lat.) ob Sotli, ki jo je opisal Cimperšek (2010, tabela 1). Ta se po vrstni sestavi očitno razlikuje od preučenih združb bele vrbe v Vipavski dolini in dolini Reke in kaže največjo podobnost z združbo bele vrbe ob rekah Krki in Mirni.

Primerjani sintaksoni se združujejo v tri skupine. V prvi skupini so združbe bele vrbe iz porečij Vipave, Reke, Soče in Save, prav tako združbe bele vrbe ob Dravi in Muri. V drugi skupini so združba bele vrbe ob Krki in Mirni na Dolenjskem in združbe bele vrbe iz Avstrije. V tretji skupini so združbe bele vrbe iz severne Italije. Na nekatere razlike med primerjanimi sintaksoni pokaže tudi analiza po skupinah diagnostičnih vrst (preglednica 5). V prvi skupini so v glavnem združbe bele vrbe na naplavinah hitreje tekočih rek, na produ in mivki. Naplavine so ponekod nekoliko dvignjene nad gladino reke. Tla so nerazvita, obrečna, navadno vsako leto nekajkrat poplavljena, a občasno tudi precej suha. K delnemu osuševanju rastišč pogosto vpliva človek, predvsem z regulacijami rečnih brežin in izkopom proda. Od pravih nižinskih združb bele vrbe, v katerih so tla v večjem delu leta vlažna ali celo mokra, se preučene združbe najbolj očitno ločijo po bistveno večjem deležu vrst zveze *Tilio-Acerion*, reda *Fagetalia sylvaticae* in razreda *Querco-Fagetea* in po bistveno manjšem deležu vrst iz razreda *Phragmiti-Magnocaricetea*. V njihovi vrstni sestavi se kaže sukcesijski razvoj proti združbam iz zveze *Alnion incanae*, kar so ugotovili tudi Poldini, Vidali & Ganis (2011). V Avstriji takšne sestoje uvrščajo v subasociacijo *Salicetum albae cornetosum*, a je njihova floristična sestava očitno drugačna od floristične sestave preučenih združb (slika 3). Sestoje bele vrbe v Sloveniji, še posebej v njenem zahodnem in jugozahodnem delu, dobro razlikujejo tudi nekatere vrste iz zvez *Erythronio-Carpinion* in *Aremonio-Fagion*, kar je deloma povezano z okoliško prevladujočo gozdno vegetacijo.

Na podlagi teh ugotovitev preučevane združbe bele vrbe ob rekah Vipavi in Reki uvrščamo v novo asociacijo *Lamio orvalae-Salicetum albae* ass. nov. Njen nomenklaturni tip, *holotypus*, je popis št. 20 v tabeli 2. Diagnostične vrste nove asociacije so *Salix alba, Lamium orvala*, *Ranunculus ficaria, Galanthus nivalis, Lunaria rediviva* in *Arum maculatum*, torej predvsem vrste, ki kažejo na prehodni položaj teh sestojev proti združbam iz zveze *Alnion incanae*. Posebnost logov bele vrbe ob reki Vipavi v primerjavi z združbo bele vrbe ob rekah Reki in Soči je v sestavi zgornje drevesne plasti, v kateri je pogosto prevladujoč črni topol (*Populus nigra*), v spodnji drevesni in grmovni plasti se močno širi ameriški javor (*Acer negundo*). V zeliščni plasti te sestoje najbolj označujejo vrste *Carex pendula*, *Ruscus aculeatus* in *Ornithogalum pyrenaicum*, ki so tudi razlikovalnice nove subasociacije *Lamio orvalae-Salicetum albae caricetosum pendulae*. Njen nomenklaturni tip, *holotypus*, je popis št. 20 v tabeli 2. Naštete vrste to združbo označujejo ekološko (naplavine na flišu s prevladujočimi prodniki laporovca, glinavca in peščenjaka) in fitogeografsko (submediteransko območje s toplim podnebjem). Popisi združb bele vrbe iz doline Reke so se združevali skupaj z drugimi našimi popisi iz Zgornjega Posočja in nekaterih drugih delov Slovenije (preglednica 3). Te sestoje uvrščamo v novo subasociacijo *Lamio orvalae-Salicetum albae ranunculetosum lanuginosae*. Njene razlikovalnice so vrste *Ranunculus lanuginosus*, *Cardamine amara*, *Impatiens noli-tangere, Fraxinus excelsior* in *Leucojum verum*. Naštete vrste kažejo na bolj razvita vlažna obrečna tla,

prehod v združbe iz zveze *Alnion incanae* in na v primerjavi s prej opisano subasociacijo bolj hladno podnebje. Drugačna je tudi sestava naplavin, v kateri navadno prevladujejo karbonatni prodniki in mivka.

Nomenklaturni tip, *holotypus*, subasociacije *Lamio orvalae-Salicetum albae ranunculetosum lanuginosae* je popis št. 18 v tabeli 3. Znotraj te subasociacije razlikujemo varianto z vrsto *Leucojum vernum* (*Lamio orvale-Salicetum albae ranunculetosum lanuginosae* var. *Leucojum vernum*), v katero uvrščamo popise, ki smo jih prvotno opisali kot sintakson *Salicetum albae* Issler 1926 *leucojetosum verni* Šilc, Čušin & Dakskobler in Dakskobler, Šilc et Čušin 2004 (Dakskobler, Šilc & Čušin, 2004, Tabela 1, popisi 3–15). Da ti popisi ne sodijo v asociacijo *Salicetum albae* s. str. so v svoji primerjavi ugotovili tudi Poldini, Vidali & Ganis (2011: 144).

V asociacijo *Lamio orvalae-Salicetum albae* bi po naših primerjavah lahko uvrstili tudi združbe bele vrbe ob Muri (Čarni et al. 2008; Košir et al. 2013) in Dravi (Javornik 2013), čeprav v teh sestojih niso popisali nekaterih diagnostičnih vrst te asociacije, predvsem ne vrste *Lamium orvala*, ki pa uspeva tudi ob Dravi in Muri (slika 4).

5.2 Logi črne jelše, doba in belega gabra

Za ustrezno sintakosnomsko uvrstitev sestojev s prevladujočo črno jelšo v Vipavski dolini in dolini Reke smo izdelali sintezno preglednico (priloga 1, dostopna je v elektronski obliki), v katero smo poleg naših še ne objavljenih združb upoštevali do zdaj opisane združbe črne jelše iz Slovenije (Accetto 1994) in severne Italije (Sburlino et al. 2011).

Rezultati (slika 6) so pokazali, da se je večina popisov iz Vipavske doline in doline Reke združevala ločeno od popisov asociacij *Stellario-Alnetum glutinosae*, *Carici elongatae-Alnetum glutinosae*, *Corno hungaricae-Alnetum glutinosae* in *Carici elatae-Alnetum glutinosae*. Izjema so štirje popisi, ki smo jih naredili ob potoku Kobljak in ob Reki pri Topolcu, v katerih pa ne uspevata vrsti *Carex elongata* in *Carex elata*, pač pa, a le na nekaterih popisih, vrste *Carex acuta, C. rostrata* in *C. riparia*. Teh sestojev v tem članku za zdaj ne obravnavamo, za njihovo ustrezno sintaksonomsko uvrstitev bomo poskušali poiskati še nekaj dodatnih popisov.

Večina preučenih sestojev črne jelše torej ne sodi v jelšev grez, temveč v skupino obrečnih (obvodnih) logov. Takšna črna jelševja v Sloveniji v glavnem uvrščamo v asociacijo *Stellario nemorum-Alnetum glutinosae* (Cimprešek 2013) in podobne združbe tudi širše v Evropi uvrščajo v to asociacijo (Douda et al. 2016). Naši popisi ekološko ustrezajo rastiščem te asociacije, nikakor pa ne po floristični sestavi. Zato smo popise s prevladujočo črno jelšo, ki smo jih naredili v dolini Reke (preglednica 8) uvrstili v novo asociacijo *Lamio orvalae-Alnetum glutinosae*. Njene diagnostične vrste so *Alnus glutinosa, Lamium orvala, Ornithogalum pyrenaicum* in *Galanthus nivalis*. V novo asociacijo uvrščamo v glavnem pionirske sestoje črne jelše in velikega jesena s posamično primesjo bele vrbe, črnega topola in predvsem v spodnji drevesni plasti tudi belega gabra in poljskega javorja (*Acer campestre*) na obrečnih tleh ali evtričnih rjavih tleh, predvsem ob potokih, na območjih, kjer prevladuje mešana geološka podlaga (fliš, laporovec, apnenec s primesjo laporovca). Pogosto so bili tovrstni obrečni gozdovi, ki so le občasno poplavljeni, izkrčeni za kmetijske površine (travnike, sadovnjake). Njihova zdajšnja podoba je drugotna. So dolgotrajen pionirski stadij, ki se na avtomorfnih tleh lahko v drugotni sukcesiji razvije v združbe belega gabra (*Ornithogalo-Carpinetum*) ali celo bukve (*Ornithogalo-Fagetum*). Novo asociacijo uvrščamo v zvezo *Alnion incanae*. Njen nomenklaturni tip, *holotypus*, je popis št. 9 v preglednici 8. V dolini Reke za zdaj razlikujemo dve varianti, bolj vlagoljubno varianto na obrečnih tleh z vrsto *Scilla bifolia* (njena razlikovalnica je tudi vrsta *Allium ursinum*) in bolj pionirsko obliko na prevladujočih evtričnih tleh, varianto z vrsto *Cardamine bulbifera* (razlikovalnica je tudi vrsta *Crocus vernus* subsp. *vernus* = *C. napolitanus*). V Vipavski dolini smo v asociacijo *Lamio orvalae-Alnetum glutinosae* za zdaj uvrstili deset popisov (popisi 10–19 v preglednici 7). Naredili smo jih na različnih nahajališčih, v glavnem ob stranskih potokih (Jovšček, Lijak, Pasji rep) in v Panovcu, na obrečnih, ponekod tudi psevdoglejnih tleh. V drevesni plasti poleg prevladujoče črne jelše ponekod posamično rastejo tudi dob (*Quercus robur*), ozkolistni jesen (*Fraxinus angustifolia*) in poljski brest (*Ulmus minor*). Vrsti *Fraxinus excelsior* in *Carpinus betulus* sta v teh sestojih nekoliko redkejši kot v sestojih v dolini Reke.

Nekaj popisov s prevladujočo ali pogosto črno jelšo v drevesni plasti (popisi 25–29 v preglednici 7), predvsem v dolini Branice in ob Lijaku, se je združevalo z ostalimi popisi, ki jih uvrščamo v asociacijo *Ornithogalo-Carpinetum betuli*. To asociacijo so Marinček, Poldini & Zupančič (1983) opisali v spodnji Vipavski dolini in deloma tudi v srednjem Posočju in severovzhodni Italiji. Naše popise smo naredili na nekoliko dvignjenih, a še vedno občasno poplavljenih terasah ob Raši in Branici, redkeje tudi ob Vipavi in Lijaku. V drevesni plasti ohranjenih sestojev prevladujejo vrste *Carpinus betulus*, *Alnus glutinosa* in *Acer campestre*. Posamično so primešane vrste *Fraxinus*

excelsior, *Acer pseudoplatanus*, *Ulmus glabra* in *U. minor*. Pogosto v drevesni plasti prevladuje robinija (*Robinia pseudoacacia*), ker je posledica panjevskega gospodarjenja. Njena prevlada je splošna značilnost tudi v drugih oblikah te asociacije na Goriškem in v Vipavski dolini. Naše sestoje ne moremo uvrstiti v nobeno od do zdaj opisanih subasociacij: *-ostryetosum carpinifolia* in *-caricetosum pilosae* (Marinček, Poldini, Zupančič, ibid.). Nekoliko podobni so sestojem sintaksona *Ornithogalo-Carpinetum caricetosum pilosae* var. *Quercus robur* subvar. *Equisetum telmateia*, vendar je v naših popisih dob zelo redek, prav tako vrsta *Carex pilosa* (našli smo jo na enem samem popisu), vrste *Equisetum telmateia* pa sploh nismo popisali. Zato jih uvrščamo v novo subasociacijo *Ornithogalo-Carpinetum betuli lamietosum orvalae* subass. nov. Označuje razmeroma vlažna rastišča na terasah potokov in manjših rek na prehodu med obrečnimi (hidromorfnimi) in avtomorfnimi (evtričnimi) tlemi, kjer se v sestojih ponekod kot pionir uveljavlja tudi črna jelša. Novo subasociacijo smo imenovali po vrsti *Lamium orvala*, ki je sicer pogosta tudi v drugih oblikah asociacije *Ornithogalo-Carpinetum*, a kaže na mezofilna obrečna rastišča in določeno podobnost in stik s sestoji asociacije *Lamio orvalae-Alnetum glutinosae*. Fitogeografska razlikovalnica je takson *Helleborus odorus* subsp. *istriacus* (= *H. multifidus* subsp. *istriacus*), ki označuje predvsem sestoje ob Raši in Branici, kjer ima severno mejo svoje razširjenosti. Nomenklaturni tip, *holotypus*, subasociacije *Ornithogalo-Carpinetum betuli lamietosum orvalae* je popis št. 33 v tabeli 7. Popise št. 25–29 lahko vrednotimo kot sintakson *Ornithogalo-Carpinetum lamietosum orvalae* var. *Alnus glutinosa*.

V sintezni primerjavi (slika 6) sta se ločeno od ostalih združevali dva sintaksona. V prvega smo uvrstili popise s prevladujočo vrsto *Fraxinus angustifolia* na obrečnih tleh v slovenskem delu Istre. Začasno te popise uvrščamo v asociacijo *Rusco aculeati-Fraxinetum angustifoliae* nom. prov. (Dakskobler & Sadar 2016, mscr.). V drugem floristično posebnem sintaksonu so združeni popisi mešanih sestojev s prevladujočimi vrstami *Quercus robur*, *Alnus glutinosa, Fraxinus angustifolia, Ulmus minor* in *Carpinus betulus* (slednji raste predvsem v spodnji drevesni plasti) na psevdoglejnih in oglejenih tleh na desnem bregu potoka Lijak (Log, Butnica) med Ajševico in Vogrskim. Ti sestoji se niso združevali z združbami črne jelše na psevdoglejnih in oglejenih tleh (asociacije *Carici elongatae-Alnetum glutinosae*, *Carici acutae-Alnetum glutinosae* nom. prov., *Carici randalpinae-Alnetum glutinosae* nom. prov.), niti s sestoji sintaksonov *Ornithogalo-Carpinetum betuli lamietosum orvalae* in *Lamio orvalae-Alnetum glutinosae*, čeprav so po celotni vrstni sestavi tem bližje kot združbam črne jelše v osrednji, vzhodni, jugozahodni in jugovzhodni Sloveniji. Teh sestojev ne moremo uvrstiti v prevladujočo okoliško gozdno združbo v gričevju jugovzhodno od Nove Gorice, v asociacijo *Ornithogalo-Carpinetum,* niti v njeno najbolj vlagoljubno obliko *-caricetosum pilosae* var. *Quercus robur* subvar. *Equisetum telmateia*. V primerjavi z njo ima v preučenih sestojih bistveno večje srednje zastiranje vrsta *Alnus glutinosa,* razlikovalne pa so vrste *Fraxinus angustifolia, Ulmus minor* in *Leucojum aestivum*. Te očitne razlike kažejo na precej bolj vlagoljubno združbo na hidromorfnih tleh, ki je ne moremo uvrstiti v zvezo *Erythronio-Carpinion,* katere združbe v glavnem uspevajo na avtomorfnih tleh (rjava pokarbonatna ali evtrična rjava tla). Za ustrezno sintaksonomsko uvrstitev smo izdelali sintezno preglednico (preglednica 9), v kateri smo naše sestoje primerjali s sestoji sintaskonov *Pseudostellario-Carpinetum betuli* (Accetto 1974), *Pseudostellario-Quercetum roboris leucojetosum aestivi* (Accetto 1995) in *Fraxino-Ulmetum effusae quercetosum roboris* (P. Košir et al. 2013). Primerjava je pokazala, da so preučeni sestoji ob Lijaku po vrstni sestavi še najbolj podobni sestojem asociacije *Psudostellario-Carpinetum betuli*, manj pa sestojem asociacij *Pseudostellario-Quercetum roboris* (v to asociacijo bi morda lahko uvrstili popis št. 9 v preglednici 7) in *Fraxino-Ulmetum effusae quercetosum roboris.* Na razlike med njimi pokaže tudi analiza po skupinah diagnostičnih vrst (preglednica 10). V sestojih preučenega sintaksona je, podobno kot v sestojih asociacije *Pseudostellario-Carpinetum betuli,* bistveno večji delež diagnostičnih vrst razreda *Querco-Fagetea* in *Fagetalia sylvaticae* (skupno več kot 45 %) kot v sestojih sintaksona *Pseudostellario-Quercetum petraeae* (manj kot 20 %). Sestoji sintaksona *Pseudostellario-Quercetum roboris* izstopajo po visokem deležu diagnostičnih vrst naslednjih sintaksonomskih enot: *Alnion incanae, Alno-Quercion roboris, Calthion, Molinietalia caeruleae* in *Phragmiti-Magnocaricetea*, sestoji sintaksona *Fraxino-Ulmetum effusae quercetosum roboris* pa po visokem deležu sintaksonomskih enot *Alno-Quercion roboris* in *Galio-Urticetea*. V preučenih sestojih je v primerjavi s sestoji asociacije *Pseudostellario-Carpinetum* v jugovzhodni Sloveniji očitno večji delež diagnostičnih vrst zveze *Erythronio-Carpinion* in razreda *Querco-Fagetea* ter očitno manjši delež vrst sintaksonomskih skupin *Fagetalia sylvaticae*, *Vaccinio-Piceetea*, *Molinio-Arrhenatheretea* in *Galio-Urticetea*. Na podlagi navedenih primerjav je med mogočimi izbirami za zdaj najbolj ustrezna uvrstitev sestojev ob Lijaku v novo subasociacijo *Pseudostellario-Carpinetum betuli leucojetosum aestivi* subass. nov. Njen nomenklaturni tip, *holotypus*, je popis št. 5 v preglednici

št. 7. Diagnostične vrste asociacije *Pseudostellario-Carpinetum Quercus robur*, *Carex remota* in *Pseudostellaria europaea* so v naših popisih dobro zastopane, manjkata le vrsti *Gagea spathacea* in *Pulmonaria dacica*. Razlikovalnice nove subasociacije *-leucojetosum aestivi* so vrste *Leucojum aestivum*, *Fraxinus angustifolia, Lamium orvala* in *Allium ursinum*, ki kažejo na zelo vlagoljubno dobovo-belogabrovo združbo, ki je po svoji ekologiji precej podobna tudi sestojem še nekoliko bolj vlagoljubne asociacije *Pseudostellario-Quercetum roboris*. Sestoje v logih ob Lijaku uvrščamo v novo geografsko varianto *Pseudostellario-Carpinetum betuli* var. geogr. *Ranunculus aesontinus* var. geogr. nova. Razlikovalnici geografske variante sta vrsti *Ranunculus aesontinus* in *Ruscus aculeatus*, ki kažeta na uspevanje teh sestojev v zahodni Sloveniji in v submediteranskem fitogeografskem območju. Vrsta *Ranunculus aesontinus* je endemit jugozahodnih Julijskih Alp s prigorjem (slika 8), razširjena le v Posočju in v sosednji Furlaniji Julijski krajini (Wraber 1996: 87, Poldini 2002: 400) in obravnavane sestoje označuje tako fitogeografsko kot ekološko, saj je značilnica nižinskih in gričevnatih gozdnih združb na vlažnih rastiščih. Doslej smo sestoje asociacije *Pseudostellario-Carpinetum betuli* poznali predvsem v jugovzhodni Sloveniji, v preddinarskem in subpanonskem fitogeografskem območju (Accetto 2006).

5.3 Zaključki

Obravnavane obrežne gozdne združbe večinoma sodijo med evropsko varstveno pomembne habitatne tipe (Dakskobler, Kutnar & Šilc 2013). V njih uspevajo tudi nekatere zavarovane vrste in vrste iz rdečega seznama (Anon. 2002, 2004), kot so *Pseudostellaria europaea*, *Ranunculus aesontinus*, *Orobanche hederae, Leucojum aestivum, Ruscus aculeatus, Iris pseudacorus, Erythronium dens-canis, Galanthus nivalis, Lilium martagon, Helleborus odorus, Helleborus odorus* subsp. *istriacus, Cyclamen purpurascens, Neottia nidus-avis, Listera ovata, Convallaria majalis, Dactylorhiza fuchsii, Platanthera chlorantha, Ilex aquifolium* in *Ophioglossum vulgatum*. Večinoma so sestoji obravnavanih združb ohranjeni na majhnih površinah, obdani s kmetijsko krajino in še posebej v Vipavski dolini izpostavljeni krčitvam in drugim grobim posegom v prostor. Vanje agresivno prodirajo tujerodne invazivne vrste, še posebej *Robinia pseudoacacia* in *Acer negundo*, ponekod tudi *Spiraea japonica*, *Quercus rubra*, *Ailanthus altissima*, *Impatiens glandulifera*, *Solidago gigantea*, *Helianthus tuberosus* in druge.

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ABBREVIATIONS – OKRAJŠAVE

Parent material (Geološka podlaga)
Al Alluvium – rečni nanosi
Soil types (Talni tipi)
Fl Fluvisols – obrečna tla
Pg Pseudogley and gley soils – pseudoglej in oglejena tla
Eu Eutric brown soil – evtrična rjava tla

Figure 9: Stand of the association Lamio orvalae-Salicetum albae, the Vipava Valley
Slika 9: Sestoj asociacije Lamio orvalae-Salicetum albae, Vipavska dolina

Figure 10: Stand of the association Ornithogalo-Aceretum negundi, Lijak
Slika 10: Sestoj asociacije Ornithogalo-Aceretum negundi, Lijak

Figure 11: Stand of the association Lamio orvalae-Alnetum glutinosae, Brkini
Slika 11: Sestoj asociacije Lamio orvalae-Alnetum glutinosae, Brkini

Figure 12: Stand of the subassociation Pseudostellario-Carpinetum betuli leucojetosum aestivi, Lijak
Slika 12: Sestoj subasociacije Pseudostellario-Carpinetum betuli leucojetosum aestivi, Lijak

Photos– Fotografije (Photo / Foto: I. Dakskobler)

Table 1 (Preglednica 1): ***Lamio orvalae-Salicetum purpureae*** **nom. prov.**

	Number of relevé (Zaporedna številka popisa)		1
	Database number of relevé (Delovna številka popisa)		259352
	Elevation in m (Nadmorska višina v m)		70
	Aspect (Lega)		0
	Slope in degrees (Nagib v stopinjah)		0
	Parent material (Matična podlaga)		Al
	Soil (Tla)		Fl
	Stoniness in % (Kamnitost v %)		0
	Cover in % (Zastiranje v %):		
	Shrub layer (Grmovna plast)	E2	80
	Herb layer (Zeliščna plast)	E1	20
	Number of species (Število vrst)		17
	Relevé area (Velikost popisne ploskve)	m^2	200
	Date of taking relevé (Datum popisa)		14.4.2015
	Locality (Nahajališče)		Selo
	Quadrant (Kvadrant)		0148/2
	Coordinate GK Y (D-48)	m	406780
	Coordinate GK X (D-48)	m	5081966
SA	***Salicion albae***		
	Populus nigra	E2b	+
	Salix alba	E2b	+
	Acer negundo	E2a	+
SP	***Salicetalia purpureae***		
	Salix purpurea	E2b	4
AG	***Alnetea glutinosae***		
	Alnus glutinosa	E2b	+
AQr	***Alno-Quercion roboris***		
	Fraxinus angustifolia	E1	+
AF	***Aremonio-Fagion***		
	Lamium orvala	E1	+
QF	***Querco-Fagetea***		
	Ranunculus ficaria	E1	1
FB	***Festuco-Brometea***		
	Brachypodium rupestre	E1	+
Mo	***Molinietalia caeruleae***		
	Sanguisorba officinalis	E1	+
PP	***Potentillo-Polygonetalia***		
	Rumex conglomeratus	E1	+
MA	***Molinio-Arrhenatheretea***		
	Poa trivialis	E1	
	Dactylis glomerata	E1	+
PM	***Phragmiti-Magnocaricetea***		
	Phalaris arundinacea	E1	+
GU	***Galio-Urticetea***		
	Alliaria petiolata	E1	+
	Urtica dioica	E1	+
	Galium aparine	E1	+
O	**Other species (Druge vrste)**		
	Allium ampeloprasum	E1	+

Table 2 (Preglednica 2): ***Lamio orvalae-Salicetum albae caricetosum pendulae***

	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				
	Database number of relevé (Delovna številka popisa)		252002	252003	254604	254605	259345	252078	252163	255931	255933	259343	259344	259339	259348	259341	259346	255929	252004	252005	254580	254595	254606	254607				
	Elevation in m (Nadmorska višina v m)		75	76	75	75	62	74	75	70	70	70	70	70	70	70	70	64	76	80	57	60	74	72				
	Aspect (Lega)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Slope in degrees (Nagib v stopinjah)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Parent material (Matična podlaga)		A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1				
	Soil (Tla)		Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl				
	Stoniness in % (Kamnitost v %)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Cover in % (Zastiranje v %):																											
	Upper tree layer (Zgornja drevesna plast)		E3b	70	70	80	80	60	70	70	80	70	70	70	80	80	80	70	80	70	70	70	80	90				
	Lower tree layer (Spodnja drevesna plast)		E3a	20	20	20	30	20	30	30	20	30	20	30	20	30	10	30		20	30	20	30	20				
	Shrub layer (Grmovna plast)		E2	40	30	60	50	50	60	40	20	20	30	15	10	20	20	40	40	20	30	30	40	30				
	Herb layer (Zeliščna plast)		E1	90	90	95	90	90	80	80	60	80	80	80	40	90	70	80	90	85	100	60	70	60				
	Moss layer (Mahovna plast)		E0	0	0	0	0	0		0	0	0	0		0	0	0	0	0	0		5	0	0				
	Maximum diameter of trees (Največji prsni premer dreves)		cm	85	80	50	80	100	100	120	100	120	120	80	60	140	80	100	50	85	100	35	60	40				
	Maximum height of trees (Največja drevesna višina)		m	35	30	25	35	30	35	30	35	35	35	28	24	35	35	30	22	30	30	22	32	24				
	Number of species (Število vrst)			60	58	42	22	37	44	62	50	45	31	22	28	27	29	49	38	45	45	59	26	25				
	Relevé area (Velikost popisne ploskve)		m2	400	400	400	400	200	200	400	200	200	200	200	200	200	200	200	200	200	200	200	400	400				
	Date of taking relevé (Datum popisa)			4/1/2014	4/22/2014	4/22/2014	4/14/2015	4/10/2014	4/14/2014	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/1/2014	4/2/2014	10/2/2014	10/2/2014	4/22/2014	4/22/2014				
	Locality (Nahajališče)			Velike Žablje	Brje -Velike Žablje	Brje-Velike Žablje	Zalošče	Male Žablje	Brje	Brje	Selo	Brje	Selo	Selo	Brje	Brje	Selo	Batuje	Male Žablje	Ustje - Uhanje	Lijak	Lijak	Brje-Velike Žablje	Brje-Velike Žablje				
	Quadrant (Kvadrant)			0149/1	0149/1	0149/1	0148/2	0149/1	0149/1	0148/2	0148/2	0148/2	0148/2	0148/2	0148/2	0148/2	0148/2	0148/2	0149/1	0149/1	0048/3	0048/3	0149/1	0149/1				
	Coordinate GK Y (D-48)		m	411301	409748	409783	403770	409775	409606	407496	406595	407201	406652	407306	407244	407456	406707	404323	412618	399572	399659	409847	409847				
	Coordinate GK X (D-48)		m	5081499	5081542	5081279	5083232	5081379	5081338	5081812	5082133	5081856	5082156	5081972	5081918	5082002	5082117	5083251	5080672	5087307	5087484	5081244	5081244				Pr.	Fr.
	Diagnostic species of the association (Diagnostične vrste asociacije)																											
SA	*Salix alba*		E3b	1	3	+	+	1	+	1	1	2	1	1	4	4	1	1	2	3	+	4	4	4			21	95
SA	*Salix alba*		E3a	·	·	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	·	·	·			1	5
AF	*Lamium orvala*		E1	4	2	3	2	2	1	3	3	2	3	1	1	2	+	1	3	3	1	2	1	·			22	100
QF	*Ranunculus ficaria*		E1	4	3	4	4	3	3	4	2	2	4	3	3	3	4	3	3	2	1	2	·	3			21	95
EC	*Galanthus nivalis*		E1	+	·	·	·	·	·	+	1	1	2	2	+	1	+	2	·	+	2	3	·	·			14	64
TA	*Lunaria rediviva*		E1	+	·	·	·	·	·	+	·	·	·	·	·	·	·	·	·	·	1	2	·	·			3	14
TA	*Arum maculatum*		E1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1	2	·	·			2	9

	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	Pr.	Fr.
	Differential species of the subassociation (Razlikovalne vrste subasociacije)																									
AI	*Carex pendula*	E1	2	2	+	1	4	1	1	+	1	+	1	1	+	+	1	+	2	+	+	+	1	+	22	100
EC	*Ornithogalum pyrenaicum*	E1	+	+	+	.	+	.	+	r	+	+	+	.	.	.	.	.	.	.	+	2	.	.	11	50
QP	*Ruscus aculeatus*	E1	.	.	.	.	.	+	+	+	+	r	1	.	.	.	.	1	.	.	1	2	.	.	9	41
SA	***Salicion albae***																									
	Populus nigra	E3b	3	3	5	4	3	3	4	4	2	4	3	1	1	4	4	3	2	1	4	+	2	2	22	100
	Populus nigra	E3a	.	r	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Populus nigra	E2a	+	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	3	14
	Acer negundo	E3b	2	.	.	3	.	3	.	.	.	1	.	3	3	2	.	1	+	1	.	1	.	.	11	50
	Acer negundo	E3a	3	3	3	3	2	2	3	3	2	3	2	2	2	2	2	2	.	1	.	3	2	3	20	91
	Acer negundo	E2b	3	2	3	2	2	2	2	2	.	1	1	2	1	2	1	1	2	+	.	2	3	2	20	91
	Acer negundo	E2a	1	1	.	+	1	2	2	2	1	.	.	1	1	2	.	+	+	+	.	.	2	1	16	73
	Acer negundo	E1	1	.	.	.	.	1	+	.	1	+	+	2	1	.	.	.	+	+	.	.	.	+	11	50
	Salix fragilis	E3b	r	1	r	.	.	.	+	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	6	27
	Vitis sylvestris	E3a	.	.	.	.	+	+	.	1	+	.	+	.	.	.	+	.	.	.	.	.	.	+	7	32
	Vitis sylvestris	E2a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Solanum dulcamara	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5
SP	***Salicetalia purpureae***																									
	Salix eleagnos	E3b	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	3	14
	Salix eleagnos	E3a	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	3	14
	Salix purpurea	E3a	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Salix purpurea	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	2	9
	Salix viminalis	E3a	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
AG	***Alnetea glutinosae***																									
	Alnus glutinosa	E3b	1	+	.	.	.	.	+	+	+	.	.	.	1	1	.	2	.	1	.	+	.	.	10	45
	Alnus glutinosa	E3a	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	3	14
	Alnus glutinosa	E2b	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Ribes nigrum	E2a	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	3	14
AQr	***Alno-Quercion roboris***																									
	Fraxinus angustifolia	E3b	.	.	.	.	.	+	+	.	.	.	r	.	+	.	.	.	.	.	.	.	.	.	4	18
	Fraxinus angustifolia	E3a	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	9
	Fraxinus angustifolia	E2b	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Fraxinus angustifolia	E2a	.	.	+	.	+	+	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	5	23
	Fraxinus angustifolia	E1	.	.	.	.	.	+	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	3	14
	Ulmus laevis	E3b	+	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	+	.	.	.	.	.	.	3	14
	Ulmus laevis	E3a	.	.	.	.	.	.	+	.	.	+	.	.	.	+	.	+	.	.	.	.	.	.	.	4	18
	Ulmus laevis	E2b	.	.	.	.	.	.	+	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	3	14
	Ulmus laevis	E2a	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	9
	Ulmus laevis	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	2	9
	Quercus robur	E3b	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	2	9
	Quercus robur	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
	Quercus robur	E1	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	3	14
AI	***Alnion incanae***																									
	Rubus caesius	E1	4	4	4	3	3	3	4	2	2	+	1	.	+	.	.	1	3	4	1	3	3	3	19	86
	Humulus lupulus	E2	1	+	.	.	+	+	+	+	.	.	.	.	.	+	.	.	+	.	+	+	+	+	12	55
	Equisetum arvense	E1	.	.	.	+	.	+	.	+	.	.	.	.	.	.	.	+	.	+	1	+	.	.	7	32
	Aesculus hippocastanum	E3a	.	+	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	14
	Aesculus hippocastanum	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	5
	Festuca gigantea	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Carex remota	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Cardamine impatiens	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
EC	***Erythronio-Carpinion***																									
	Helleborus odorus	E1	.	.	.	.	.	.	.	r	1	+	.	.	.	.	.	1	.	+	+	+	.	.	7	32
	Crocus vernus subsp. vernus	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	+	+	r	.	.	5	23
	Primula vulgaris	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	+	.	.	3	14
	Lonicera caprifolium	E2a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	9
AF	***Aremonio-Fagion***																									
	Hacquetia epipactis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5

	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	Pr.	Fr.
TA	***Tilio-Acerion***																								
	Acer pseudoplatanus	E3a	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Acer pseudoplatanus	E2b	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	14
	Acer pseudoplatanus	E1	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	3	14
	Juglans regia	E3b	.	.	.	.	.	.	.	r	.	r	+	.	.	.	.	.	.	+	+	.	.	.	4	18
	Juglans regia	E3a	.	.	.	+	r	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	14
	Juglans regia	E2b	.	.	+	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	23
	Juglans regia	E2a	+	+	.	+	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	+	.	5	23
	Juglans regia	E1	.	.	.	.	.	r	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	+	4	18
	Acer platanoides	E2a	+	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Tilia platyphyllos	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	1	5
	Dryopteris affinis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
FS	***Fagetalia sylvaticae***																								
	Brachypodium sylvaticum	E1	2	1	1	1	+	1	1	1	1	+	+	+	+	+	1	1	1	1	+	.	1	21	95
	Sambucus nigra	E3a	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	4	18
	Sambucus nigra	E2b	2	1	+	1	+	+	+	2	1	.	+	+	+	+	.	+	1	.	+	1	.	.	16	73
	Sambucus nigra	E2a	.	.	.	.	.	.	.	+	+	1	+	+	+	+	.	+	.	.	.	1	.	.	9	41
	Sambucus nigra	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5
	Circaea lutetiana	E1	2	2	+	1	1	1	1	.	1	+	.	+	.	+	.	+	+	+	.	.	1	2	16	73
	Symphytum tuberosum	E1	+	+	1	+	+	+	1	+	1	+	.	.	.	.	.	+	.	+	.	.	.	.	12	55
	Viola reichenbachiana	E1	1	+	+	.	.	.	+	.	+	.	+	.	.	.	.	+	.	.	1	1	.	.	9	41
	Polygonatum multiflorum	E1	+	.	.	.	.	.	.	+	+	.	+	.	+	.	.	1	.	.	.	+	+	.	7	32
	Heracleum sphondylium	E1	+	+	.	.	+	+	.	.	.	.	.	.	.	.	.	+	.	.	+	+	+	+	7	32
	Galeobdolon montanum	E1	+	+	.	.	.	.	.	+	.	.	.	.	.	.	.	1	+	.	.	+	.	.	6	27
	Allium ursinum	E1	+	+	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	4	2	.	.	5	23
	Carex sylvatica	E1	.	.	+	.	.	+	+	.	.	.	+	.	.	.	+	.	.	.	+	+	.	.	5	23
	Scrophularia nodosa	E1	.	.	.	.	.	+	.	r	+	.	+	.	.	.	.	.	.	.	.	.	.	.	5	23
	Cardamine bulbifera	E1	+	+	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	18
	Fraxinus excelsior	E3b	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Fraxinus excelsior	E2b	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	3	14
	Fraxinus excelsior	E2a	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	2	9
	Fraxinus excelsior	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Carpinus betulus	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	9
	Carpinus betulus	E2b	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
	Corydalis cava	E1	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Salvia glutinosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	.	.	2	9
	Prunus avium	E3a	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Asarum europaeum subsp. caucasicum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
	Mercurialis perennis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	1	5
	Paris quadrifolia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	1	5
	Campanula trachelium	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
QP	***Quercetalia pubescenti-petraeae***																								
	Fraxinus ornus	E2b	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Carex flacca	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	5
QF	***Querco-Fagetea***																								
	Hedera helix	E3a	2	1	2	2	1	1	1	2	2	2	1	+	+	1	.	1	.	1	1	1	.	18	82
	Hedera helix	E1	1	1	2	2	1	1	1	.	2	1	1	+	1	1	1	1	.	+	2	1	+	19	86
	Anemone nemorosa	E1	+	.	.	.	+	+	1	1	1	.	+	.	.	+	.	3	.	.	.	.	.	.	9	41
	Corylus avellana	E3a	.	1	.	.	.	.	.	.	.	.	.	.	+	+	.	+	.	.	1	+	.	.	6	27
	Corylus avellana	E2b	1	.	+	+	1	1	+	2	1	2	3	.	+	+	1	1	.	.	.	+	.	.	15	68
	Corylus avellana	E2a	1	1	.	+	.	2	+	+	+	.	.	+	.	.	+	.	.	+	.	+	.	.	11	50
	Corylus avellana	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	5
	Acer campestre	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	3	14
	Acer campestre	E3a	+	.	+	+	+	+	1	+	.	+	.	.	.	+	.	+	.	.	1	1	.	.	12	55
	Acer campestre	E2b	+	1	1	.	+	+	1	+	.	+	.	.	+	.	.	.	+	.	1	+	+	+	14	64
	Acer campestre	E2a	1	+	1	1	.	.	+	+	+	.	.	.	+	.	.	+	+	.	.	+	+	+	15	68
	Acer campestre	E1	+	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	4	18
	Anemone ranunculoides	E1	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	.	+	+	2	.	.	6	27

	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	Pr.	Fr.
	Lathraea squamaria	E1	1	1	+	.	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	6	27
	Gagea lutea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
	Ulmus minor	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
	Ulmus minor	E2b	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	2	9
	Ulmus minor	E2a	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	.	.	+	.	.	.	3	14
	Scilla bifolia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	2	.	.	3	14
	Clematis vitalba	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	1	.	.	3	14
	Clematis vitalba	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	5
	Clematis vitalba	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Malus sylvestris	E3a	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	2	9
	Malus sylvestris	E2b	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Malus sylvestris	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
	Viola alba subsp. alba	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	9
	Cerastium sylvaticum	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Orobanche hederae	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
RP	***Rhamno-Prunetea***																									
	Euonymus europaea	E2b	2	1	1	+	.	.	+	.	.	+	.	.	.	.	.	+	.	+	+	1	.	.	10	45
	Euonymus europaea	E2a	1	1	1	+	+	+	.	.	+	.	+	.	+	+	+	+	+	.	1	1	+	.	16	73
	Euonymus europaea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
	Viburnum opulus	E2	+	+	.	.	.	+	.	+	+	.	+	.	+	+	1	+	+	+	+	+	.	.	14	64
	Cornus sanguinea	E3a	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Cornus sanguinea	E2b	+	1	2	.	+	+	2	1	.	+	.	.	+	.	.	1	.	+	2	2	.	.	13	59
	Cornus sanguinea	E2a	.	1	.	+	+	+	2	2	+	+	+	.	+	.	.	1	.	.	+	2	.	.	13	59
	Crataegus monogyna	E3a	.	.	.	.	.	.	.	+	+	+	.	.	+	+	.	.	.	.	+	+	.	.	7	32
	Crataegus monogyna	E2b	.	.	+	.	+	.	1	+	+	+	+	.	+	+	.	.	.	+	1	+	.	.	12	55
	Crataegus monogyna	E2a	.	.	.	.	.	.	.	+	+	.	.	.	+	.	.	.	.	.	1	.	.	.	4	18
	Ligustrum vulgare	E2a	+	.	+	.	+	.	+	+	+	.	.	.	.	+	.	1	.	.	.	.	.	.	8	36
	Rhamnus catharticus	E2b	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Prunus spinosa	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
EA	***Epilobietea angustifolii***																									
	Arctium minus	E1	+	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	3	14
	Stachys sylvatica	E1	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Eupatorium cannabinum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	2	9
	Arctium nemorosum	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Galeopsis speciosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
	Physalis alkekengi	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
FB	***Festuco-Brometea***																									
	Euphorbia verrucosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	1	5
	Hippocrepis comosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	1	5
CA	***Calthion***																									
	Angelica sylvestris	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	+	.	.	.	3	14
FP	***Filipendulo-Petasition***																									
	Lysimachia vulgaris	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	3	14
	Myosoton aquaticum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
Mo	***Molinietalia caeruleae***																									
	Colchicum autumnale	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	.	.	2	9
PP	***Potentillo-Polygonetalia***																									
	Barbarea vulgaris	E1	.	+	.	.	.	.	.	.	+	.	.	.	.	.	1	+	.	.	.	.	.	+	5	23
	Rumex crispus	E1	.	.	.	.	.	.	.	+	+	.	+	+	+	.	1	.	.	.	.	.	.	.	6	27
	Ranunculus repens	E1	.	.	.	.	.	.	.	.	.	.	.	+	+	.	+	.	.	.	.	.	.	.	3	14
	Agrostis stolonifera	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	5
	Duchesnea indica	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	5
MA	***Molinio-Arrhenatheretea***																									
	Poa trivialis	E1	+	1	.	.	.	+	+	+	+	+	+	1	+	+	+	.	2	1	.	.	.	.	14	64
	Dactylis glomerata	E1	1	1	1	+	+	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	1	+	9	41
	Deschampsia cespitosa	E1	.	.	+	.	.	.	.	.	+	.	+	.	.	.	+	+	.	.	.	+	.	.	6	27
	Ajuga reptans	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	2	9
	Galium mollugo	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	2	9
	Veronica serpyllifolia	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	2	9

	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	Pr.	Fr.
	Plantago lanceolata	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Taraxacum officinale	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
MuA	***Mulgedio-Aconitetea***																									
	Silene dioica	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
PM	***Phragmiti-Magnocaricetea***																									
	Iris pseudacorus	E1	.	.	.	.	.	+	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	2	9
	Carex acuta	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Phalaris arundinacea	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	5
	Lycopus europaeus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
GU	***Galio-Urticetea***																									
	Aegopodium podagraria	E1	3	4	4	5	3	3	4	4	3	4	3	4	3	4	3	3	4	3	3	4	1	+	22	100
	Alliaria petiolata	E1	2	3	1	1	1	2	2	+	+	+	.	+	+	+	.	.	2	1	.	.	1	3	17	77
	Urtica dioica	E1	1	1	.	.	+	1	.	.	+	+	.	1	+	+	+	.	1	+	.	+	2	+	15	68
	Geum urbanum	E1	1	1	2	.	+	1	1	+	+	.	.	.	.	.	+	.	1	+	.	+	+	1	14	64
	Parietaria officinalis	E1	.	1	+	1	.	1	+	.	+	.	.	+	.	.	.	.	.	.	.	+	1	1	10	45
	Glechoma hederacea	E1	.	+	+	.	.	+	1	.	.	.	.	.	.	.	.	+	.	1	.	2	2	.	.	8	36
	Galium aparine	E1	+	+	.	.	.	+	+	+	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	7	32
	Lamium maculatum	E1	.	+	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	.	.	+	.	.	4	18
	Helianthus tuberosus	E1	1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	4	18
	Impatiens glandulifera	E1	.	+	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3	14
	Petasites hybridus	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	2	9
	Solidago gigantea	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	9
	Viola odorata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	5
AV	***Artemisietea vulgaris***																									
	Rumex obtusifolius	E1	+	+	+	.	.	1	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	.	7	32
	Artemisia vulgaris	E1	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	4	18
	Artemisia verlotiorum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
SM	***Stellarietea mediae***																								0	0
	Chelidonium majus	E1	+	+	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	18
	Veronica sublobata	E1	+	1	.	.	.	.	.	r	.	.	.	.	.	.	.	.	+	.	.	.	.	.	4	18
	Cardamine hirsuta	E1	.	.	.	.	+	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	3	14
	Allium vineale	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	9
	Urtica urens	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Veronica persica	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Poa annua	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Plantago major	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	1	5
	Erigeron annuus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
O	**Other species (Druge vrste)**																									
	Robinia pseudoacacia	E3b	r	.	+	.	.	.	+	r	+	.	2	.	.	.	.	+	.	.	2	3	.	.	9	41
	Robinia pseudoacacia	E3a	.	.	.	.	+	.	+	+	.	2	1	.	.	.	.	+	.	.	2	1	.	.	8	36
	Robinia pseudoacacia	E2b	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	9
	Robinia pseudoacacia	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Prunus insititia	E3a	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Prunus insititia	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	2	9
	Prunus insititia	E2a	+	.	.	.	+	.	.	+	.	.	.	+	.	.	+	.	.	.	.	.	+	.	6	27
	Ficus carica	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	5
	Viola sororia	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	2	9
	Vitis vinifera	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	2	9
	Iris foetidissima	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Morus alba	E3a	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Malus domestica	E3a	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Gleditsia triacanthos	E3a	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Platanus x hispanica	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	1	5
	Platanus x hispanica	E2b	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Iris germanica	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	5
	Moses, Fungi (Mahovi, lesne glive)																									
	Plagiomnium undulatum	E0	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	+	+	.	.	4	18
	Laetiporus sulphureus	E3a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5

Table 3 (Preglednica 3): ***Lamio orvalae-Salicetum albae ranunculetosum lanuginosae***

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Pr.	Fr.
	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		
	Database number of relevé (Delovna številka popisa)		230844	230845	230847	260792	260793	260794	230848	230849	230850	230851	230846	230853	230854	230855	230856	230852	245889	259275	259306	246100	234869	235073	235072	259484		
	Elevation in m (Nadmorska višina v m)		150	160	160	144	145	145	160	160	160	160	158	160	160	160	160	155	480	420	420	180	226	225	225	500		
	Aspect (Lega)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Slope in degrees (Nagib v stopinjah)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Parent material (Matična podlaga)		Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al		
	Soil (Tla)		Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl	Fl		
	Stoniness in % (Kamnitost v %)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Cover in % (Zastiranje v %):																											
	Upper tree layer (Zgornja drevesna plast)	E3b	80	60	80	80	80	90	70	60	80	70	80	70	70	80	70	80	70	80	70	80	70	80	70	70		
	Lower tree layer (Spodnja drevesna plast)	E3a	5	5	10	5	10	10	20	20	10	10	10	20	20	10	30	20	10	10	10		10		10	10		
	Shrub layer (Grmovna plast)	E2	10	20	30	20	20	20	20	40	30	5	10	40	30	30	30	20	20	20	20	30	20	10	30	40		
	Herb layer (Zeliščna plast)	E1	60	100	60	80	90	90	60	70	70	90	90	60	80	80	70	70	90	90	80	90	60	80	90	90		
	Moss layer (Mahovna plast)	E0	5	0	5	80	90	90	10	10	10	50	10	50	5	30	30	5	0	0	0		5	0	0	0		
	Maximum diameter of trees (Največji prsni premer dreves)	cm	40	40	45	40	40	50	50	50	50	50	70	40	40	35	50	35	50	120	40	25	50	40	50	35		
	Maximum height of trees (Največja drevesna višina)	m	25	0	25	20	22	22	25	24	28	24	26	24	28	25	26	25	22	24	24	17	28	24	30	18		
	Number of species (Število vrst)		34	34	44	51	55	66	54	64	42	33	49	56	58	50	72	38	65	48	56	32	53	25	41	68		
	Relevé area (Velikost popisne ploskve)	m2	400	100	400	200	200	200	400	400	400	200	300	400	300	400	400	400	200	200	200	200	900	400	900	400		
	Date of taking relevé (Datum popisa)		4/11/2001	4/11/2001	4/18/2001	3/28/2016	3/28/2016	3/28/2016	4/18/2001	4/17/2001	4/11/2001	3/27/2003	4/3/2001	4/5/2001	4/11/2001	4/6/2001	4/3/2001	4/11/2001	5/15/2012	5/25/2015	5/25/2015	5/17/2012	4/14/2010	4/20/2010	4/20/2010	5/5/2015		
	Locality (Nahajališče)		Tolmin	Volče	Tolmin	Bučenica-Soča	Bučenica-Soča	Bučenica-Soča	Tolmin	Volče	Volče	Dolje	Tolmin	Dolje	Volče	Dolje	Tolmin	Tolmin	Soteska	Trepčane	Trpčane	Volče	Breg pri Litiji	Breg pri Litiji	Breg pri Litiji	Dolščaki		
	Quadrant (Kvadrant)		9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9848/1	9750/1	0451/4	0451/4	9848/1	9955/1	9955/1	9955/1	0153/4		
	Coordinate GK Y (D-48)	m	402377	400158	402316	402514	402434	402367	402219	401596	401691	400930	401367	400925	401093	401743	401332	402151	426071	446244	446180	401829	489285	489522	489479	468261		
	Coordinate GK X (D-48)	m	5115464	5117150	5115444	5115190	5115246	5115272	5115486	5115944	5115795	5117103	5116375	5117220	5116373	5115863	5116452	5115566	5127818	5043200	5043191	5115594	5102629	5102713	5102653	5077475		
	Diagnostic species of the association (Diagnostične vrste asociacije)																										Pr.	Fr.
SA	*Salix alba*	E3b	5	4	5	5	5	4	4	4	5	4	4	4	4	5	4	5	4	4	4	4	3	4	+	4	24	100
SA	*Salix alba*	E3a	.	.	+	+	.	.	+	.	+	1	.	+	+	+	1	+	+	.	.	.	+	.	.	.	12	50
SA	*Salix alba*	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	4
QF	*Ranunculus ficaria*	E1	+	+	1	+	+	1	1	1	2	+	1	1	1	2	2	2	+	1	.	.	2	3	1	3	22	92
EC	*Galanthus nivalis*	E1	r	+	.	1	1	1	+	+	+	+	+	1	1	1	1	.	.	.	.	.	1	1	1	.	17	71
AF	*Lamium orvala*	E1	.	.	+	1	1		+	+	+	.	.	1	+	+	1	.	+	1	1	2	+	+	.	1	17	71
TA	*Lunaria rediviva*	E1	.	.	+	1	+	1	+	+	+	.	.	.	+	.	+	+	2	.	.	1	+	+	.	.	14	58
TA	*Arum maculatum*	E1	.	+	+	.	.	+	.	.	1	+	+	+	1	1	+	.	.	.	.	.	.	.	+	1	12	50
	Differential species of the subassociation (Razlikovalne vrste subasociacije)																											
FS	*Ranunculus lanuginosus*	E1	+	.	+	+	+	+	+	+	+	+	.	+	+	+	+	+	1	+	1	1	+	.	.	1	20	83
FS	*Leucojum vernum*	E1	.	+	.	1	1	1	+	+	2	+	1	1	+	1	1	2	.	.	.	.	+	.	.	.	15	63

	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	Pr.	Fr.
FS	*Fraxinus excelsior*	E3b	.	+	.	r	+	1	.	.	.	.	.	+	.	+	+	.	.	+	+	.	.	.	+	+	11	46
FS	*Fraxinus excelsior*	E3a	.	+	.	.	.	+	+	+	.	.	+	+	.	+	+	.	+	.	+	.	.	.	+	+	12	50
FS	*Fraxinus excelsior*	E2b	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	.	.	+	.	.	+	.	4	17
FS	*Fraxinus excelsior*	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	.	+	.	.	+	1	5	21
FS	*Fraxinus excelsior*	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	4
MC	*Cardamine amara*	E1	2	.	1	.	.	.	2	+	+	+	+	.	.	.	.	1	1	.	.	.	+	1	.	.	11	46
AI	*Impatiens noli-tangere*	E1	+	.	+	.	.	.	+	+	+	1	1	.	.	.	.	+	2	.	.	1	.	.	+	.	11	46
SA	***Salicion albae***																											
	Acer negundo	E3b	r	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Acer negundo	E3a	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Acer negundo	E2b	.	.	+	.	.	.	+	.	.	.	.	.	.	.	r	.	.	.	.	+	.	.	.	.	4	17
	Acer negundo	E2a	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Populus nigra	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	4	.	2	8
	Solanum dulcamara	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	.	.	.	.	.	.	.	2	8
	Salix fragilis	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
SP	***Salicetea purpureae***																											
	Salix eleagnos	E3b	.	.	+		+		+	.	.	.	.	.	.	.	r	.	1	.	.	.	3	.	2	.	7	29
	Salix eleagnos	E3a	+	.	.	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	7	29
	Salix purpurea	E3a	.	.	.				.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	4
	Salix purpurea	E2b	.	+	.				+	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	4	17
AG	***Alnetea glutinosae***																											
	Alnus glutinosa	E3b	.	+	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	+	.	.	.	.	+	1	5	21
	Alnus glutinosa	E3a	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	+	3	13
	Alnus glutinosa	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
	Alnus glutinosa	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Ribes nigrum	E2a	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AQr	***Alno-Quercion roboris***																											
	Ulmus laevis	E3b	.	.	.				.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	2	8
	Ulmus laevis	E3a	.	.	.				.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	4
AI	***Alnion incanae***																											
	Rubus caesius	E1	+	2	3	1	1	1	3	2	2	1	1	2	3	2	2	+	3	4	4	4	1	.	1	1	23	96
	Equisetum arvense	E1	+	+	+	+	+	.	1	1	+	.	.	+	.	+	r	+	1	+	+	.	.	.	.	.	15	63
	Humulus lupulus	E3a	+	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	.	.	.	4	17
	Humulus lupulus	E2	+	.	.	+	.	.	+	+	.	+	.	+	+	+	+	1	.	.	+	.	+	.	1	.	13	54
	Alnus incana	E3b	+	.	.	.	.	.	+	1	.	.	.	+	+	+	1	+	.	.	.	.	.	.	r	.	9	38
	Alnus incana	E3a	.	.	.	.	.	+	+	+	+	.	.	1	+	1	1	+	+	.	.	.	.	.	.	.	10	42
	Alnus incana	E2b	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	3	13
	Alnus incana	E2a	.	.	.	.	.	.	.	+	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	3	13
	Chrysosplenium alternifolium	E1	.	+	+	.	.	.	.	+	.	1	.	+	.	2	.	.	.	.	.	.	1	.	.	.	7	29
	Hemerocallis fulva	E1	.	.	.	.	+	+	.	.	.	.	+	.	+	+	+	.	.	.	.	.	.	.	.	.	6	25
	Cardamine impatiens	E1	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	+	5	21
	Festuca gigantea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	.	+	.	.	+	5	21
	Frangula alnus	E2b	.	.	+	.	.	.	.	.	+	.	+	.	.	.	+	.	.	.	.	.	.	.	.	+	5	21
	Circaea intermedia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
	Equisetum telmateia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	4
	Carex pendula	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	4
EC	***Erythronio-Carpinion***																											
	Crocus vernus subsp. vernus	E1	.	.	.	+	.	.	.	+	+	+	.	.	+	+	+	+	.	.	.	.	.	.	.	.	8	33
	Primula vulgaris	E1	.	.	.	+	+	1	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	+	6	25
	Ranunculus aesontinus	E1	.	.	.	.	.	.	.	+	.	.	.	1	1	+	+	.	.	.	.	.	.	.	.	.	5	21
	Helleborus odorus	E1	.	.	.	+	+	+	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	5	21
	Ornithogalum pyrenaicum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	4
	Epimedium alpinum	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
AF	***Aremonio-Fagion***																											
	Anemone trifolia	E1	.	.	.	.	.	.	.	+	.	.	.	+	1	+	1	.	.	.	.	.	.	.	.	.	5	21
	Knautia drymeia s. lat.	E1	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	4	17
	Isopyrum thalictroides	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	Pr.	Fr.
	Helleborus niger subsp. niger	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	2	8
	Cardamine trifolia	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	4
	Cyclamen purpurascens	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	4
	Hacquetia epipactis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
	Scopolia carniolica	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
	Cardamine enneaphyllos	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
TA	***Tilio-Acerion***																											
	Adoxa moschatellina	E1	.	.	+	+	1	+	+	+	.	.	.	.	+	1	+	.	.	.	.	.	+	1	.	.	11	46
	Acer pseudoplatanus	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	2	8
	Acer pseudoplatanus	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	+	.	3	13
	Acer pseudoplatanus	E2a	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	+	+	+	+	.	.	.	+	6	25
	Acer pseudoplatanus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	+	.	.	.	.	3	13
	Stellaria montana	E1	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	1	.	.	5	21
	Corydalis solida	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	3	13
	Ulmus glabra	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	1	4
	Ulmus glabra	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	4
	Ulmus glabra	E2a	.	.	.	+	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	13
	Phyllitis scolopendrium	E1				+	+	+																			3	13
	Juglans regia	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	+	.	.	.	.	2	8
	Juglans regia	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	2	8
	Dryopteris affinis	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Geranium robertianum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Aruncus dioicus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
FS	***Fagetalia sylvaticae***																											
	Sambucus nigra	E2b	+	+	2	2	+	+	1	2	1	+	1	1	1	1	+	.	.	1	.	1	1	1	1	2	21	88
	Sambucus nigra	E2a	.	.	.	+	+	.	.	.	.	.	.	.	.	+	.	.	+	+	.	.	.	.	+	.	6	25
	Brachypodium sylvaticum	E1	+	.	+	1	+	1	+	+	.	.	+	+	+	.	+	.	1	1	1	.	+	.	+	+	17	71
	Allium ursinum	E1	.	+	.	.	.	+	r	.	.	.	+	+	+	+	r	.	.	+	.	.	1	+	4	+	13	54
	Salvia glutinosa	E1	.	.	.	+	+	+	.	+	+	.	.	+	+	+	.	.	.	.	.	+	.	.	.	.	+	10	42
	Asarum europaeum subsp. caucasicum	E1	.	.	.	+	+	+	.	+	+	.	+	+	+	.	+	.	.	.	.	.	.	.	.	.	.	9	38
	Corydalis cava	E1	.	.	+	.	.	+	r	+	+	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	8	33
	Paris quadrifolia	E1	.	+	.	+	.	+	.	.	+	.	.	+	+	.	+	.	.	.	.	.	.	.	.	.	+	8	33
	Cardamine bulbifera	E1	.	.	.	+	+	+	+	+	.	.	.	+	+	.	+	.	.	.	.	.	.	.	.	.	+	8	33
	Symphytum tuberosum	E1	.	.	.	.	.	+	.	.	.	.	.	+	+	.	+	.	.	.	.	.	+	.	+	1	7	29
	Circaea lutetiana	E1	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	+	+	1	1	.	.	.	.	.	6	25
	Heracleum sphondylium	E1	+	.	.	.	.	.	+	.	.	.	.	+	+	+	.	.	.	.	.	.	.	.	.	+	.	6	25
	Tilia cordata	E3b	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	8
	Tilia cordata	E2a	.	.	.	.	+	+	.	.	.	.	.	.	.	.	r	.	+	.	.	.	.	.	.	.	.	4	17
	Carpinus betulus	E3b	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	8
	Carpinus betulus	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	1	4
	Carpinus betulus	E2a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	r	r	.	.	.	.	.	.	.	.	.	3	13
	Pulmonaria officinalis	E1	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	3	13
	Galeobdolon flavidum	E1	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	3	13
	Mercurialis perennis	E1	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	3	13
	Cardamine pentaphyllos	E1	.	.	.	.	r	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	.	3	13
	Viola reichenbachiana	E1	.	.	.	.	.	+	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	3	13
	Scrophularia nodosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	+	+	.	.	.	.	.	3	13
	Galeobdolon montanum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	.	1	.	3	13
	Galium laevigatum	E1	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Fagus sylvatica	E2a	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	2	8
	Fagus sylvatica	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	4
	Campanula trachelium	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	8
	Polygonatum multiflorum	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	2	8
	Daphne mezereum	E2a	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Lilium martagon	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Dryopteris filix-mas	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	1	4
	Myosotis sylvatica	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	Pr.	Fr.
	Asarum europaeum subsp. europaeum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	4
	Euphorbia amygdaloides	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
	Melica nutans	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
QF	***Querco-Fagetea***																											
	Cerastium sylvaticum	E1	.	+	+	+	+	+	+	1	.	+	.	1	+	+	1	+	+	+	1	.	.	.	.	.	16	67
	Hedera helix	E3a	.	.	.	1	1	.	.	.	.	.	.	+	+	+	+	.	.	.	.	.	+	.	1	.	8	33
	Hedera helix	E2	+	+	.	1	+	+	.	+	+	1	+	.	+	+	+	+	.	.	.	.	+	.	.	+	14	58
	Anemone ranunculoides	E1	.	+	.	+	+	1	.	+	+	.	+	1	1	+	1	.	.	.	.	.	+	.	.	.	12	50
	Anemone nemorosa	E1	.	.	.	.	.	+	.	.	r	+	+	+	1	+	1	.	.	.	.	.	+	.	.	1	10	42
	Listera ovata	E1	.	.	.	.	+	.	.	+	+	.	.	+	+	+	+	+	.	.	.	.	.	.	.	+	9	38
	Corylus avellana	E3a	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	1	1	.	.	.	.	.	4	17
	Corylus avellana	E2b	.	.	.	.	.	+	.	+	.	.	.	+	.	1	1	.	+	.	1	.	.	.	.	.	7	29
	Corylus avellana	E2a	.	.	+	.	.	.	r	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	+	4	17
	Corylus avellana	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	4
	Veratrum nigrum	E1	.	+	.	.	.	+	.	+	r	.	.	.	+	.	r	.	.	.	.	.	.	.	.	r	7	29
	Clematis vitalba	E3a	.	.	.	r	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	3	13
	Clematis vitalba	E2a	+	+	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	4	17
	Clematis vitalba	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	2	8
	Acer campestre	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	4
	Acer campestre	E3a	.	.	.	.	.	.	.	.	.	.	.	+	.	r	.	.	.	.	.	.	.	.	.	.	2	8
	Acer campestre	E2b	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	3	13
	Acer campestre	E2a	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	+	.	+	.	.	.	.	.	.	4	17
	Acer campestre	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	4
	Lonicera xylosteum	E2a	.	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	4	17
	Malus sylvestris	E3a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	3	13
	Malus sylvestris	E2b	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	8
	Carex flacca	E1	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Viscum album subsp. album	E3a	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Dactylorhiza fuchsii	E1	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Gagea lutea	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Carex digitata	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Hepatica nobilis	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Viola alba subsp. alba	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Vinca minor	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	4
	Moehringia trinervia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
VP	***Vaccinio-Piceetea***																											
	Oxalis acetosella	E1	.	.	.	+	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	3	13
	Picea abies	E2a	.	.	.	r	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Veronica urticifolia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
RP	***Rhamno-Prunetea***																											
	Cornus sanguinea	E3a	.	.	.	.	.	.	.	+	.	.	.	.	+	.	1	+	.	+	.	.	.	.	.	.	5	21
	Cornus sanguinea	E2b	+	1	1	.	.	+	+	1	+	+	+	2	1	+	2	1	+	.	+	+	.	.	1	1	19	79
	Cornus sanguinea	E2a	.	.	.	.	.	.	.	+	+	.	.	+	+	+	1	+	+	+	+	.	.	.	.	.	10	42
	Euonymus europaea	E2b	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	+	.	.	.	+	+	7	29
	Euonymus europaea	E2a	.	.	+	.	.	.	.	+	.	.	.	+	+	+	+	+	+	+	+	+	+	+	+	1	15	63
	Euonymus europaea	E1	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	2	8
	Viburnum opulus	E2	.	.	.	.	.	.	.	+	+	.	+	+	.	.	+	.	.	+	.	.	.	.	.	1	7	29
	Ligustrum vulgare	E2a	.	.	+	.	.	+	.	.	.	.	.	+	+	+	+	+	.	.	.	.	.	.	.	+	8	33
	Lonicera nitida	E2a	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Crataegus monogyna	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1	4
	Crataegus monogyna	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1	4
	Crataegus monogyna	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	+	3	13
	Crataegus monogyna	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Prunus spinosa	E2b	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	2	8
	Rhamnus catharticus	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	4
EA	***Epilobietea angustifolii***																											
	Galeopsis speciosa	E1	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	+	.	1	.	.	.	+	6	25

	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	Pr.	Fr.
	Stachys sylvatica	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	+	.	.	+	4	17
	Tussilago farfara	E1	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	3	13
	Arctium nemorosum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	2	8
	Eupatorium cannabinum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	2	8
	Sambucus racemosa	E3a	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Galeopsis pubescens	E1	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Rubus idaeus	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	4
FB	***Festuco-Brometea, Trifolio-Geranietea***																											
TG	*Holcus mollis*	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	2	8
	Brachypodium rupestre	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
Ca	***Calthion***																											
	Angelica sylvestris	E1	+	+	+	+	+	.	+	+	+	+	+	.	+	+	r	.	.	.	.	+	+	.	.	+	16	67
	Caltha palustris	E1	+	.	.	.	.	.	.	.	.	.	+	+	.	+	r	+	+	.	.	.	.	.	.	.	7	29
FP	***Filipendulo-Petasition***																											
	Filipendula ulmaria	E1	.	+	.	.	.	.	.	+	+	+	+	+	+	+	+	+	1	.	.	.	+	.	+	2	14	58
FP	*Myosoton aquaticum*	E1	.	.	+	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	4	17
FP	*Valeriana officinalis*	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
Mo	***Molinietalia caeruleae***																											
	Cirsium oleraceum	E1	.	+	+	.	.	.	+	+	.	.	+	+	+	+	r	+	+	+	+	1	.	.	.	+	15	63
	Colchicum autumnale	E1	.	.	.	.	.	.	.	.	.	.	.	r	+	.	.	.	.	.	.	.	.	.	.	.	+	3	13
	Valeriana dioica	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Euphorbia villosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	4
PP	***Potentillo-Polygonetalia***																											
	Ranunculus repens	E1	1	.	.	.	+	.	+	+	.	+	+	.	+	r	.	+	+	+	+	.	.	.	.	.	12	50
	Barbarea vulgaris	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	2	8
MA	***Molinio-Arrhenatheretea***																											
	Deschampsia cespitosa	E1	+	.	+	.	.	+	.	+	.	.	1	+	+	+	r	.	1	+	+	.	+	.	+	+	15	63
	Dactylis glomerata	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	+	.	.	+	.	+	.	5	21
	Taraxacum officinale	E1	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	3	13
	Poa trivialis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	2	8
	Galium mollugo	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	2	8
	Lysimachia nummularia	E1	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Anthriscus sylvestris	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	4
	Pastinaca sativa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
	Rumex acetosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
	Daucus carota	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Poa pratensis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Ajuga reptans	E1	.	.	.				.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
MuA	***Mulgedio-Aconitetea***																											
	Chaerophyllum hirsutum	E1	+	.	+	+	+	.	1	1	+	1	1	1	+	1	1	1	1	.	.	+	+	+	+	.	19	79
	Veratrum album	E1	.	.	.	+	.	.	.	+	+	.	+	.	.	+	+	+	+	.	.	.	.	.	.	+	9	38
	Senecio ovatus	E1	.	.	.	r	+	+	.	+	.	.	.	.	.	.	r	.	+	.	.	+	.	.	.	+	8	33
	Aconitum lycoctonum	E1	.	.	.	+	+	1	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	5	21
	Stellaria nemorum	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	+	.	.	.	+	+	.	.	5	21
	Senecio nemorensis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	2	8
AT	***Asplenietea trichomanis***																											
	Asplenium trichomanes	E1	.	.	.	.	.	.	.	.	.	.	r	.	.	.	r	.	.	.	.	.	.	.	.	.	2	8
	Asplenium ruta-muraria	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	1	4
PM	***Phragmiti-Magnocaricetea***																											
	Phalaris arundinacea	E1	.	.	.	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	7	29
	Lycopus europaeus	E1	+	.	.	.	.	.	.	+	.	.	1	.	.	.	.	.	.	.	+	.	.	.	.	.	4	17
	Carex elata	E1	.	.	.	.	.	.	.	+	+	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	4	17
	Phragmites australis	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Glyceria notata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Galium palustre	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
	Carex acuta	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
	Carex randalpina	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	Pr.	Fr.
FC	***Filipendulo-Convuletea***																											
	Calystegia sepium	E1	.	1	+	.	.	.	+	.	+	.	+	.	+	.	.	.	.	.	1	+	.	.	.	.	8	33
	Fallopia japonica	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	3	4	2	.	5	21
	Echinocystis lobata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	1	.	3	13
	Rudbeckia laciniata	E1	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	3	13
	Mentha longifolia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
	Mentha sp.	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
AV	***Artemisieta vulgaris***																											
	Rumex obtusifolius	E1	+	.	+	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	17
	Artemisia verlotiorum	E1	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	8
	Artemisia vulgaris	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	2	8
	Melilotus albus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Silene latifolia subsp. alba	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
GU	***Galio-Urticetea***																											
	Aegopodium podagraria	E1	+	1	1	3	3	2	1	1	1	1	1	1	1	1	1	1	4	3	3	1	+	1	1	3	24	100
	Urtica dioica	E1	+	+	1	.	+	+	1	+	+	1	+	.	+	.	+	+	1	1	1	2	1	+	3	1	21	88
	Petasites hybridus	E1	3	+	1	3	2	2	1	+	+	+	+	+	+	1	.	+	4	+	+	.	.	.	.	.	18	75
	Alliaria petiolata	E1	+	.	1	.	.	.	+	1	.	+	+	+	+	+	.	+	+	+	+	+	+	+	+	.	17	71
	Galium aparine	E1	+	+	1	.	.	.	+	1	+	1	.	.	.	+	+	+	.	.	+	1	1	1	2	+	16	67
	Solidago gigantea	E1	1	2	1	4	4	3	2	2	4	1	4	2	1	.	.	.	1	2	3	.	.	.	.	.	16	67
	Glechoma hederacea	E1	.	+	1	2	1	1	+	1	+	1	1	1	1	1	1	.	.	.	.	.	+	.	.	.	15	63
	Helianthus tuberosus	E1	5	5	1	.	.	.	1	1	1	1	.	.	2	.	.	.	.	2	2	.	+	.	+	.	12	50
	Parietaria officinalis	E1	.	.	+	+	.	.	+	.	+	.	+	.	.	.	.	+	+	+	+	+	+	.	.	.	11	46
	Lamium maculatum	E1	.	.	.	.	+	1	+	.	.	.	.	.	.	.	.	.	+	.	.	.	1	1	2	3	8	33
	Impatiens glandulifera	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	+	.	1	+	+	.	6	25
	Geum urbanum	E1	.	.	+	.	.	.	.	.	.	+	+	.	.	.	.	.	.	1	.	.	+	.	.	.	5	21
	Chaerophyllum aureum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	2	8
	Impatiens parviflora	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	1	4
	Stellaria neglecta	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	4
	Viola odorata	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
SM	***Stellarietea mediae***																											
	Stellaria media	E1	.	.	+	.	.	.	+	.	.	1	.	.	.	+	.	.	.	.	.	.	+	.	.	.	5	21
	Erigeron annuus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	+	+	.	.	.	4	17
	Chelidonium majus	E1	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	3	13
	Cardamine hirsuta	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	2	8
	Plantago major	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
	Bromus sterilis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Other species (Druge vrste)																											
	Ailanthus altissima	E3a	.	.	.	.	.	.	.	.	.	.	.	r	.	r	.	.	.	.	.	.	.	.	.	.	2	8
	Robinia pseudoacacia	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	4
	Robinia pseudoacacia	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Robinia pseudoacacia	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	4
	Robinia pseudoacacia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Hydrangea macrophylla	E2a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Narcissus pseudonarcissus	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Veronica sp.	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
	Forsythia viridissima	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	4
	Aquilegia vulgaris	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	4
	Prunus insititia	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	4
ML	**Mosses (Mahovi)**																											
	Plagiomnium undulatum	E0	.	.	+	3	2	2	+	.	.	.	.	.	1	2	3	.	.	.	.	.	+	.	.	.	9	38
	Mnium sp.	E0	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	1	4
	Anomodon viticulosus	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	4
	Brachythecium sp.	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	4
	Neckera complanata	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	4

Table 4: Synoptic table communities of syntaxon *Salicetum albae* s. lat. in Slovenia, Austria and N-Italy
Preglednica 4: Sintezna tabela združb makroasociacije *Salicetum albae* s. lat. v Sloveniji, Avstriji in severni Italiji

	Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10
	Number of relevés (Število popisov)		21	22	8	33	33	87	141	19	41	24
	Sign for syntaxa (Oznaka sintaksona)		LoSa -SI	LoSa -Vd	Sa-Drava	Sa-Mura	Sa-Krka	Sap-A	Sac-A	AfSapn	AfSabf	AfSahl
SA	***Salicion albae***											
	Salix alba	E3b	100	95	100	40	94	97	97	100	100	100
	Salix alba	E2b	5	0	25	6	24	2	8	.	.	.
	Acer negundo	E3a	14	95	13	12	.	.	.	11	12	8
	Acer negundo	E2b	24	95	50	9	3	.	.	.	.	.
	Acer negundo	E1	.	50	13	9	.	.	.	.	.	.
	Solanum dulcamara	E1	10	5	.	3	52	26	18	16	2	.
	Populus nigra	E3b	10	100	.	61	.	23	41	47	5	92
	Populus nigra	E2a	.	14	.	.	.	7	3	.	.	.
	Salix fragilis	E3b	.	27	63	12	.	17	26	.	.	.
	Salix fragilis	E2b	5	.	.	3	.	.	.	.	.	.
	Vitis sylvestris	E3a	.	32	.	.	.	.	.	.	.	.
	Salix x rubens	E3	.	.	.	.	3	.	.	.	.	.
	Populus x canadensis	E3	.	.	.	.	.	14	16	.	.	.
SP	***Salicetea purpureae***											
	Salix eleagnos	E3a	38	23	13	.	33	3	8	.	.	21
	Salix purpurea	E3a	5	5	25	.	.	.	.	.	.	.
	Salix purpurea	E2b	19	9	25	.	24	.	.	11	.	29
	Salix viminalis	E3a	.	5	.	.	3	.	.	.	.	.
	Salix sp.	E2	.	.	.	.	3	.	.	.	.	.
	Salix triandra	E2	.	.	.	.	30	16	14	.	5	50
	Salix myrsinifolia	E2	.	.	.	.	.	3	1	.	.	.
	Salix viminalis	E2	.	.	.	.	.	10	9	.	.	.
	Salix daphnoides	E2	.	.	.	.	.	.	4	.	.	.
	Amorpha fruticosa	E2	.	.	.	.	.	.	.	47	83	79
AI	***Alnion incanae***											
	Rubus caesius	E1	95	86	100	84	67	71	81	84	83	42
	Equisetum arvense	E1	62	32	13	9	6	24	21	26	17	54
	Impatiens noli-tangere	E1	52	.	.	6	9	13	52	.	.	.
	Alnus incana	E3a	52	.	38	.	3	8	26	.	.	.
	Alnus incana	E2a	24	.	.	.	.	5	21	.	.	.
	Humulus lupulus	E3a	14	.	50	.	.	.	.	.	.	.
	Humulus lupulus	E2b	57	55	25	9	48	25	45	89	24	4
	Humulus lupulus	E1	.	18	25	12	15	.	.	.	.	.
	Chrysosplenium alternifolium	E1	33	.	.	18	.	.	9	.	.	.
	Cardamine impatiens	E1	24	5	25	15	6	2	15	.	.	.
	Festuca gigantea	E1	24	5	.	27	9	3	36	5	.	.
	Frangula alnus	E2b	24	.	.	.	.	.	.	.	.	.
	Hemerocallis fulva	E1	19	.	.	.	.	.	.	.	.	.
	Carex pendula	E1	5	100	.	.	.	.	.	11	.	.
	Equisetum telmateia	E1	5	.	.	.	3	.	.	11	.	.
	Circaea intermedia	E1	5	.	.	.	.	.	.	.	.	.
	Carex remota	E1	.	5	25	27	.	.	.	.	.	.
	Aesculus hippocastanum	E3a	.	14	.	.	.	.	.	.	.	.
	Aesculus hippocastanum	E2b	.	5	.	.	.	.	.	.	.	.
	Equisetum hyemale	E1	.	.	13	.	.	.	.	.	.	.
	Agropyron caninum	E1	.	.	.	21	3	2	18	.	.	.
	Populus alba	E3b	.	.	.	6	.	6	8	11	.	4
	Dryopteris carthusiana	E1	.	.	.	3	.	.	.	.	.	.
	Equisetum sylvaticum	E1	.	.	.	.	24	.	.	.	10	.
AQr	***Alno-Quercion roboris***											
AG	*Alnus glutinosa*	E3b	29	50	38	55	.	1	8	5	.	17
AG	*Alnus glutinosa*	E2b	10	18	13	9	.	.	2	.	.	.
	Ulmus laevis	E3b	10	23	.	51	3	.	.	.	.	.
	Ulmus laevis	E2b	.	18	.	12	.	.	.	.	.	.
	Ulmus laevis	E1	.	9	.	12	.	.	.	.	.	.
	Fraxinus angustifolia	E3a	.	23	.	45	3	.	.	.	.	.
	Fraxinus angustifolia	E2a	.	23	.	9	.	.	.	.	.	.
	Fraxinus angustifolia	E1	.	14	38	18	.	.	.	.	.	.
	Quercus robur	E3b	.	9	.	.	.	.	.	.	.	.
	Quercus robur	E2a	.	5	.	.	.	.	.	.	.	.
	Quercus robur	E1	.	14	25	3	.	.	.	.	.	.
AG	*Ribes nigrum*	E2a	.	14	.	.	.	.	.	.	.	.
	Prunus padus	E3	.	.	13	36	.	.	.	.	.	.
	Prunus padus	E2	.	.	63	48	.	13	48	.	.	5
	Prunus padus	E1	.	.	25	24	.	.	.	.	.	.
	Omphalodes scorpioides	E1	.	.	.	30	.	.	.	.	.	.
	Rumex sanguineus	E1	.	.	.	15	.	.	.	.	.	.
	Glechoma hirsuta	E1	.	.	.	3	.	.	.	.	.	.
	Carex brizoides	E1	.	.	.	9	.	1	1	.	.	.
	Myosotis sparsiflora	E1	.	.	.	3	.	.	.	.	.	.

	Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10
AG	*Salix cinerea*	E2b	.	.	.	.	9	1	1	.	.	.
	Leucojum aestivum	E1	.	.	.	.	3	.	.	.	.	.
TA	***Tilio-Acerion***											
	Arum maculatum	E1	52	9	.	79	.	.	.	.	.	.
	Lunaria rediviva	E1	52	14	.	.	3	.	.	.	.	.
	Adoxa moschatellina	E1	38	.	.	58	.	1	4	.	.	.
	Acer pseudoplatanus	E3a	10	9	.	.	.	.	1	.	.	.
	Acer pseudoplatanus	E2b	33	14	.	.	3	.	6	.	.	.
	Acer pseudoplatanus	E1	14	14	.	.	.	.	.	.	.	.
	Juglans regia	E3b	.	27	.	.	.	.	.	.	.	.
	Juglans regia	E2b	14	40	.	.	.	.	.	.	.	.
	Juglans regia	E1	.	18	.	.	.	.	.	.	.	.
	Stellaria montana	E1	14	.	25	.	.	.	.	.	.	.
	Corydalis solida	E1	10	.	.	30	.	.	.	.	.	.
	Ulmus glabra	E3b	5	.	.	.	.	.	.	.	.	.
	Ulmus glabra	E2b	10	.	.	.	.	.	.	.	.	.
	Aruncus dioicus	E1	5	.	.	.	.	.	.	.	.	.
	Geranium robertianum	E1	5	.	.	.	.	.	7	.	.	.
	Acer platanoides	E2a	.	5	.	.	.	.	.	.	.	.
	Acer platanoides	E1	.	5	.	.	.	.	.	.	.	.
	Dryopteris affinis	E1	.	5	.	.	.	.	.	.	.	.
	Tilia platyphyllos	E1	.	5	.	.	.	.	.	.	.	.
EC	***Erythronio-Carpinion***											
	Galanthus nivalis	E1	67	64	.	33	.	.	.	.	.	.
	Crocus vernus subsp. vernus	E1	33	23	.	.	.	.	.	.	.	.
	Ranunculus aesontinus	E1	24	.	.	.	.	.	.	.	.	.
	Primula vulgaris	E1	14	14	.	.	.	.	.	.	.	.
	Helleborus odorus	E1	10	32	.	.	.	.	.	.	.	.
	Ornithogalum pyrenaicum	E1	5	50	.	.	.	.	.	.	.	.
	Lonicera caprifolium	E2a	.	9	.	.	.	.	.	.	.	.
AF	***Aremonio-Fagion***											
	Lamium orvala	E1	71	100	.	.	3	.	.	.	.	.
	Anemone trifolia	E1	24	.	.	.	.	.	.	.	.	.
	Isopyrum thalictroides	E1	10	.	25	.	.	.	.	.	.	.
	Knautia drymeia subsp. drymeia	E1	10	.	.	.	.	.	.	.	.	.
	Cardamine trifolia	E1	5	.	.	.	.	.	.	.	.	.
	Cyclamen purpurascens	E1	5	.	.	.	.	.	.	.	.	.
	Hacquetia epipactis	E1	5	5	.	.	.	.	.	.	.	.
	Helleborus niger subsp. niger	E1	5	.	.	.	.	.	.	.	.	.
	Scopolia carniolica	E1	5	.	.	.	.	.	.	.	.	.
FS	***Fagetalia sylvaticae***											
	Sambucus nigra	E3a	.	18	13	33	.	.	.	.	.	.
	Sambucus nigra	E2b	90	82	38	79	36	2	57	37	2	8
	Sambucus nigra	E1	.	5	13	15	24	.	.	.	.	.
	Ranunculus lanuginosus	E1	81	.	.	3	6	.	4	.	.	.
	Brachypodium sylvaticum	E1	67	95	88	18	9	1	20	32	2	4
	Fraxinus excelsior	E3a	57	9	.	.	.	5	18	.	.	.
	Fraxinus excelsior	E2a	29	18	.	.	.	7	24	.	.	.
	Fraxinus excelsior	E1	5	5	.	.	.	.	.	.	.	.
	Allium ursinum	E1	57	23	50	42	3	.	5	.	.	.
	Leucojum vernum	E1	57	.	.	48	.	.	.	.	.	.
	Corydalis cava	E1	33	9	.	24	.	.	.	.	.	.
	Salvia glutinosa	E1	33	9	.	.	.	1	8	.	.	.
	Circaea lutetiana	E1	29	73	100	36	42	8	21	.	.	.
	Asarum europaeum subsp. caucasicum	E1	29	5	.	.	.	.	.	.	.	.
	Heracleum sphondylium	E1	29	32	13	9	12	.	12	5	.	.
	Paris quadrifolia	E1	29	5	13	21	3	.	4	.	.	.
	Symphytum tuberosum	E1	29	55	38	15	.	.	4	.	.	.
	Cardamine bulbifera	E1	24	18	.	.	.	.	.	.	.	.
	Galeobdolon montanum	E1	14	27	13	58	.	.	12	.	.	.
	Scrophularia nodosa	E1	14	23	25	.	21	6	25	5	.	.
	Campanula trachelium	E1	10	5	.	.	3	.	.	.	.	.
	Carpinus betulus	E3a	10	9	.	.	.	.	.	.	.	.
	Carpinus betulus	E2b	10	5	.	.	3	.	.	.	.	.
	Carpinus betulus	E1	.	.	13	.	.	.	.	.	.	.
	Galeobdolon flavidum	E1	10	.	.	.	.	.	.	.	.	.
	Polygonatum multiflorum	E1	10	32	.	3	.	.	.	.	.	.
	Tilia cordata	E3b	10	.	.	.	.	.	.	.	.	.
	Tilia cordata	E2a	10	.	.	.	.	.	.	.	.	.
	Viola reichenbachiana	E1	10	41	.	15	.	.	.	.	.	.
	Asarum europaeum subsp. europaeum	E1	5	.	.	9	.	.	2	.	.	.
	Dryopteris filix-mas	E1	5	.	.	.	3	.	.	.	.	.
	Euphorbia amygdaloides	E1	5	.	.	.	.	.	.	.	.	.
	Fagus sylvatica	E2a	5	.	.	.	.	.	.	.	.	.
	Fagus sylvatica	E1	5	.	13	.	.	.	.	.	.	.
	Galium laevigatum	E1	5	.	.	.	.	.	.	.	.	.
	Melica nutans	E1	5	.	.	.	.	1	.	.	.	.
	Mercurialis perennis	E1	5	5	.	.	.	.	1	.	.	.

	Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10
	Pulmonaria officinalis	E1	5	.	.	61	.	.	3	.	.	.
	Myosotis sylvatica	E1	5	.	.	.	.	.	.	.	.	.
	Carex sylvatica	E1	.	23	.	24	.	.	.	.	.	.
	Prunus avium	E3a	.	5	.	.	.	.	.	.	.	.
	Prunus avium	E2b	.	.	.	.	3	.	.	.	.	.
	Poa nemoralis	E1	.	.	.	.	3	.	4	.	.	.
QP	***Quercetalia pubescenti-petraeae***											
	Carex flacca	E1	5	5	.	.	.	1	.	.	.	.
	Ruscus aculeatus	E1	.	41	.	.	.	.	.	.	.	.
	Fraxinus ornus	E2b	.	5	.	.	.	.	.	.	.	.
	Tamus communis	E1	.	.	.	.	.	.	.	11	.	13
QF	***Querco-Fagetea***											
	Ranunculus ficaria	E1	90	100	38	58	6	5	27	.	.	.
	Corylus avellana	E3a	19	27	.	.	.	.	.	.	.	.
	Corylus avellana	E2b	43	82	13	3	6	1	6	.	.	.
	Corylus avellana	E1	5	5	25	.	.	.	.	.	.	.
	Hedera helix	E3a	29	82	.	.	.	.	.	5	.	.
	Hedera helix	E2a	57	.	.	.	.	.	.	.	.	.
	Hedera helix	E1	.	86	38	6	9	.	.	.	.	.
	Cerastium sylvaticum	E1	62	5	13	3	.	.	.	.	.	.
	Anemone nemorosa	E1	43	41	.	9	.	.	.	.	.	.
	Anemone ranunculoides	E1	43	27	.	55	.	.	.	.	.	.
	Listera ovata	E1	38	.	.	3	.	.	1	.	.	.
	Veratrum nigrum	E1	29	.	.	.	.	.	.	.	.	.
	Clematis vitalba	E3a	5	14	13	.	.	2	21	21	.	13
	Clematis vitalba	E2a	19	5	.	.	.	.	.	.	.	.
	Clematis vitalba	E1	10	.	.	.	.	.	.	.	.	.
	Acer campestre	E3	14	64	.	.	.	.	.	.	.	.
	Acer campestre	E2b	29	86	13	3	.	.	.	.	.	.
	Acer campestre	E1	5	18	13	3	.	.	.	.	.	.
	Malus sylvestris	E3a	14	9	.	.	.	.	.	.	.	.
	Malus sylvestris	E2b	10	9	.	.	.	.	.	.	.	.
	Dactylorhiza fuchsii	E1	5	.	.	.	.	.	.	.	.	.
	Lonicera xylosteum	E2a	5	.	.	.	.	.	12	.	.	.
	Moehringia trinervia	E1	5	.	.	.	.	.	.	.	.	.
	Viscum album subsp. album	E3a	5	.	.	.	.	.	.	.	.	.
	Lathraea squamaria	E1	.	27	.	.	.	.	.	.	.	.
	Scilla bifolia	E1	.	14	.	15	.	.	.	.	.	.
	Ulmus minor	E3a	.	5	13	6	.	.	.	5	5	.
	Ulmus minor	E2a	.	14	.	3	.	.	.	.	.	.
	Viola alba subsp. alba	E1	.	9	.	.	.	.	.	.	.	.
	Orobanche hederae	E1	.	5	.	.	.	.	.	.	.	.
	Gagea lutea	E1	.	4	.	3	.	.	.	.	.	.
	Stellaria holostea	E1	.	.	13	.	.	.	.	.	.	.
VP	***Vaccinio-Piceetea, Erico-Pinetea***											
	Oxalis acetosella	E1	10	.	.	.	3	.	.	.	.	.
	Veronica urticifolia	E1	5	.	.	.	.	.	.	.	.	.
	Picea abies	E2	.	.	.	.	.	.	9	.	.	.
	Carex alba	E1	.	.	.	.	.	1	.	.	.	.
EA	***Epilobietea angustifolii***											
	Galeopsis speciosa	E1	29	5	.	9	55	.	.	.	2	.
	Stachys sylvatica	E1	19	9	.	48	.	2	31	.	.	.
	Arctium nemorosum	E1	10	5	.	.	.	.	.	.	.	.
	Eupatorium cannabinum	E1	10	9	.	.	12	1	11	32	.	17
	Galeopsis pubescens	E1	5	.	13	12	12	.	.	.	.	.
	Sambucus racemosa	E3a	10	.	.	.	.	.	.	.	.	.
	Tussilago farfara	E1	10	.	.	.	.	.	2	.	.	.
	Arctium minus	E1	.	14	.	.	.	.	.	.	.	.
	Physalis alkekengi	E1	.	5	.	.	.	.	.	.	.	.
	Rubus idaeus	E2	.	.	.	.	.	.	2	.	.	.
	Fragaria vesca	E1	.	.	.	.	.	.	1	.	.	.
	Calamagrostis epigejos	E1	.	.	.	.	.	.	3	.	.	.
RP	***Rhamno-Prunetea***											
	Cornus sanguinea	E2b	90	73	63	42	33	17	73	32	2	13
	Cornus sanguinea	E1	.	.	38	12	6	.	.	.	.	.
	Euonymus europaea	E2b	76	86	25	30	55	.	.	.	.	.
	Euonymus europaea	E1	10	5	13	21	36	3	18	.	.	.
	Viburnum opulus	E2b	33	64	13	12	12	15	12	11	.	.
	Ligustrum vulgare	E2a	33	36	.	.	6	.	.	.	.	.
	Crataegus monogyna	E3a	5	32	.	.	.	.	.	.	.	.
	Crataegus monogyna	E2b	19	55	.	6	6	.	.	11	.	.
	Crataegus monogyna	E1	5	.	.	.	9	.	.	.	.	.
	Prunus spinosa	E2b	10	5	.	.	6	.	.	.	.	.
	Rhamnus catharticus	E2b	5	9	.	.	21	.	.	.	.	.
	Parthenocissus inserta	E1	.	.	25	.	.	.	.	.	.	.
	Crataegus leavigata	E2	.	.	.	3	.	.	.	.	.	.
	Rubus ulmifolius	E2	.	.	.	.	.	.	.	11	.	13
	Viburnum lantana	E2	.	.	.	.	.	.	3	.	.	.

	Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10
MuA	***Mulgedio-Aconitetea***											
	Chaerophyllum hirsutum	E1	81	.	13	.	12	.	14	.	.	.
	Veratrum album	E1	38	.	13	.	.	.	.	.	.	.
	Senecio ovatus	E1	21	.	.	.	.	.	6	.	.	.
	Stellaria nemorum	E1	24	.	.	9	.	.	23	.	.	.
	Aconitum lycoctonum	E1	10	.	.	.	.	.	.	.	.	.
	Silene dioica	E1	.	5	.	.	.	.	10	.	.	.
	Athyrium filix-femina	E1	.	.	.	.	3	.	.	.	.	.
	Primula elatior	E1	.	.	.	.	.	3	4	.	.	.
FB	***Festuco-Brometea, Trifolio-Geranietea***											
	Holcus mollis	E1	10	.	.	.	.	.	.	.	.	.
	Brachypodium rupestre	E1	5	.	13	.	.	.	.	.	.	.
	Euphorbia verrucosa	E1	.	5	.	.	.	.	.	.	.	.
	Hippocrepis comosa	E1	.	5	.	.	.	.	.	.	.	.
	Silene vulgaris	E1	.	.	.	.	.	.	1	.	.	.
Ca	***Calthion***											
	Angelica sylvestris	E1	67	14	25	3	52	31	53	5	.	4
MC	*Cardamine amara*	E1	52	.	25	3	9	20	11	.	.	.
	Caltha palustris	E1	33	.	13	12	.	15	6	.	.	.
	Scirpus sylvaticus	E1	.	.	13	.	.	.	.	.	.	.
	Myosotis scorpioides	E1	.	.	13	.	3	46	14	.	.	4
Mo	***Molinietalia caeruleae***											
	Cirsium oleraceum	E1	71	.	25	3	.	5	35	.	.	.
	Colchicum autumnale	E1	14	9	.	9	.	.	.	.	.	.
	Valeriana dioica	E1	5	.	.	3	.	.	.	.	.	.
	Euphorbia villosa	E1	5	.	.	.	.	.	.	.	.	.
	Cardamine pratensis L.	E1	.	.	.	12	3	.	.	.	.	.
	Cirsium palustre	E1	.	.	.	.	3	.	.	.	.	.
	Juncus effusus	E1	.	.	.	.	3	.	.	.	.	.
	Selinum carvifolia	E1	.	.	.	.	6	.	.	.	.	.
	Succisella infelxa	E1	.	.	.	.	3	.	.	.	.	.
	Equisetum palustre	E1	.	.	.	.	.	5	3	.	.	.
FP	***Filipendulo-Petasition***											
	Filipendula ulmaria	E1	67	.	.	12	30	17	13	.	.	.
	Myosoton aquaticum	E1	19	5	.	.	18	10	20	5	5	.
	Valeriana officinalis	E1	5	.	50	.	.	8	12	.	.	.
	Lysimachia vulgaris	E1	.	14	38	.	27	25	4	16	.	8
	Hypericum tetrapterum	E1	.	.	25	.	.	.	.	.	.	.
	Symphytum officinale	E1	.	.	.	12	27	56	36	11	2	.
	Stachys palustris	E1	.	.	.	3	.	22	1	11	12	.
	Lythrum salicaria	E1	.	.	.	.	39	21	1	32	7	29
	Mentha aquatica	E1	.	.	.	.	12	13	3	.	15	4
PP	***Potentillo-Polygonetalia***											
	Ranunculus repens	E1	52	14	50	3	27	38	21	.	20	4
	Barbarea vulgaris	E1	10	23	63	.	6	5	1	.	.	.
	Rumex crispus	E1	.	27	25	.	3	.	.	.	.	.
	Agrostis stolonifera	E1	.	5	.	52	21	16	5	11	22	25
	Duchesnea indica	E1	.	5	.	24	.	.	.	.	.	.
	Agropyron repens	E1	.	.	.	.	3	.	.	.	.	.
MA	***Molinio-Arrhenatheretea***											
	Deschampsia cespitosa	E1	67	27	63	3	3	14	23	5	.	8
	Dactylis glomerata s.str.	E1	19	41	88	21	6	2	22	5	5	8
	Taraxacum officinale	E1	14	5	.	6	12	7	7	.	.	.
	Anthriscus sylvestris	E1	5	.	38	6	30	1	16	.	.	.
	Poa trivialis	E1	10	64	100	48	39	28	48	32	27	8
	Galium mollugo	E1	10	9	.	.	9	2	10	5	.	4
	Ajuga reptans	E1	5	9	.	3	3	.	3	.	.	.
	Daucus carota	E1	5	.	13	.	.	.	.	.	.	.
	Lysimachia nummularia	E1	5	.	38	15	18	40	11	.	5	.
	Pastinaca sativa	E1	5	.	.	.	.	.	.	.	.	.
	Poa pratensis	E1	5	.	.	.	.	.	.	.	.	.
	Rumex acetosa	E1	5	.	.	.	.	.	.	.	.	.
	Veronica serpyllifolia	E1	.	9	.	.	.	.	.	.	.	.
	Plantago lanceolata	E1	.	5	.	.	3	.	.	.	.	.
	Alopecurus pratensis	E1	.	.	13	.	.	1	1	.	.	.
	Festuca rubra	E1	.	.	13	.	.	.	1	.	.	.
	Veronica chamaedrys	E1	.	.	13	3	9	.	.	.	.	.
	Geranium phaeum	E1	.	.	.	12	.	.	.	.	.	.
	Achillea millefolium	E1	.	.	.	.	6	1	1	.	.	.
	Holcus lanatus	E1	.	.	.	.	3	.	.	11	2	.
	Phleum pratense	E1	.	.	.	.	3	.	.	.	.	.
	Pimpinella major	E1	.	.	.	.	3	.	.	.	.	.
	Prunella vulgaris	E1	.	.	.	.	.	1	1	.	.	.
	Festuca arundinacea	E1	.	.	.	.	.	1	2	.	.	.
	Trifolium repens	E1	.	.	.	.	.	.	1	.	.	.
	Trifolium pratense	E1	.	.	.	.	.	.	1	.	.	.

	Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10
PM	***Phragmiti-Magnocaricetea***											
	Carex elata	E1	19	.	25	9	.	.	.	.	.	.
	Lycopus europaeus	E1	19	5	.	.	6	18	11	11	49	17
	Phalaris arundinacea	E1	19	5	100	30	76	82	73	53	90	13
	Galium palustre	E1	5	.	.	.	21	37	4	16	12	.
	Phragmites australis	E1	5	.	.	6	3	32	16	16	5	25
	Carex acuta	E1	5	5	.	.	24	23	3	.	.	.
	Carex randalpina	E1	5	.	.	.	.	.	.	.	.	.
	Glyceria notata	E1	5	.	.	.	.	.	.	.	.	.
	Iris pseudacorus	E1	.	9	50	24	30	53	5	11	22	.
	Carex acutiformis	E1	.	.	25	9	.	18	6	21	20	.
	Carex vesicaria	E1	.	.	.	6	.	.	.	.	.	.
	Rorippa amphibia	E1	.	.	.	.	15	10	.	.	7	.
	Veronica anagallis-aquatica	E1	.	.	.	.	9	.	.	.	.	.
	Carex appropinquata	E1	.	.	.	.	3	.	.	.	.	.
	Carex vulpina	E1	.	.	.	.	3	.	.	.	.	.
	Leersia oryzoides	E1	.	.	.	.	3	.	.	.	.	.
	Scutellaria gareliculata	E1	.	.	.	.	3	8	.	.	.	.
	Veronica beccabunga	E1	.	.	.	.	3	6	1	.	.	.
	Poa palustris	E1	.	.	.	.	.	24	18	32	15	4
	Scrophularia umbrosa	E1	.	.	.	.	.	2	8	.	.	.
FC	***Filipendulo-Convolvuletea***											
	Calystegia sepium	E1	38	.	13	6	67	28	26	32	20	13
	Fallopia japonica	E1	19	.	38	.	.	.	.	.	.	.
	Echinocystis lobata	E1	14	.	25	.	61	.	.	.	.	.
	Rudbeckia laciniata	E1	14	.	13	15	27	.	.	.	.	.
	Mentha longifolia	E1	5	.	.	.	9	2	5	.	.	.
	Saponaria officinalis	E1	.	.	25	.	3	.	.	5	5	8
	Epilobium hirsutum	E1	.	.	.	.	9	.	.	.	.	.
	Sicyos angulosus	E1	.	.	.	.	.	.	.	5	93	.
BT	***Bidentetea tripartitetae***											
	Polygonum sp.	E1	.	.	13	.	6	.	.	.	.	.
	Polygonum hydropiper	E1	.	.	.	.	27	17	.	37	34	.
	Polygonum mite	E1	.	.	.	.	30	.	.	.	.	.
	Bidens tripartita	E1	.	.	.	.	18	.	.	.	.	.
	Bidens frondosa	E1	.	.	.	.	.	3	1	11	76	17
	Polygonum dubia	E1	.	.	.	.	.	.	.	.	46	4
	Polygonum lapathifolia	E1	.	.	.	.	.	.	.	.	10	21
	Polygonum maculosa	E1	.	.	.	.	.	.	.	.	12	.
	Polygonum minus	E1	.	.	.	.	.	.	.	.	2	8
AV	***Artemisietea vulgaris***											
	Rumex obtusifolius	E1	19	32	63	.	18	28	11	5	.	.
	Artemisia vulgaris	E1	10	18	.	.	33	2	14	5	29	33
	Melilotus albus	E1	5	.	.	.	.	.	1	.	.	17
	Silene latifolia subsp. alba	E1	5	.	.	3	9	.	.	.	.	.
	Artemisia verlotiorum	E1	.	5	.	.	.	.	.	21	17	17
	Conium maculatum	E1	.	.	25	.	.	.	.	.	.	.
GU	***Galio-Urticetea***											
	Aegopodium podagraria	E1	100	100	50	61	48	.	36	5	.	.
	Urtica dioica	E1	90	68	75	97	97	76	89	89	85	13
	Alliaria petiolata	E1	81	77	100	33	58	6	35	.	.	.
	Galium aparine	E1	76	32	75	94	70	33	63	53	7	8
	Petasites hybridus	E1	71	9	.	.	3	1	16	.	.	4
	Solidago gigantea	E1	62	9	50	24	9	8	25	79	41	63
	Glechoma hederacea	E1	57	36	13	45	79	15	46	5	2	.
	Helianthus tuberosus	E1	57	18	.	.	.	.	.	16	12	46
	Parietaria officinalis	E1	48	45	.	.	12	.	.	.	.	.
	Impatiens glandulifera	E1	29	14	100	91	24	6	28	.	.	.
	Lamium maculatum	E1	29	18	.	61	73	.	45	.	.	.
	Geum urbanum	E1	24	64	50	24	.	.	11	.	.	.
	Chaerophyllum aureum	E1	10	.	.	.	.	.	1	.	.	.
	Impatiens parviflora	E1	5	.	25	.	3	13	43	.	.	.
	Stellaria neglecta	E1	5	.	.	67	.	.	.	.	.	.
	Viola odorata	E1	.	5	.	.	.	.	.	.	.	.
	Cuscuta europaea	E1	.	.	.	.	12	.	.	.	.	.
	Chaerophyllum temulum	E1	.	.	.	.	9	.	.	.	.	.
	Cruciata laevipes	E1	.	.	.	.	6	.	.	.	.	.
	Chaerophyllum bulbosum	E1	.	.	.	.	3	.	.	.	.	.
	Solidago canadensis	E1	.	.	.	.	.	6	16	.	.	.
SM	***Stellarietea mediae***											
	Stellaria media	E1	24	.	13	.	9	.	.	.	.	.
	Erigeron annuus	E1	19	5	13	.	24	.	.	.	20	21
	Chelidonium majus	E1	14	18	.	6	.	.	.	.	.	.
	Cardamine hirsuta	E1	10	14	.	.	.	.	.	.	.	.
	Bromus sterilis	E1	5	.	.	.	.	.	.	.	.	.
	Plantago major	E1	5	5	.	.	.	.	.	.	12	.
	Veronica sublobata	E1	.	18	.	.	.	.	.	.	.	.
	Allium vineale	E1	.	9	.	.	.	.	.	.	.	.

	Successive number (Zaporedna številka)		1	2	3	4	5	6	7	8	9	10
	Poa annua	E1	.	5	.	.	.	.	.	.	.	.
	Urtica urens	E1	.	5	.	.	.	.	.	.	.	.
	Veronica persica	E1	.	5	38	.	.	.	.	.	.	.
	Oxalis fontana	E1	.	.	25	.	.	.	.	.	.	.
	Polygonum persicaria	E1	.	.	13	.	.	.	.	.	.	.
	Veronica hederifolia	E1	.	.	.	88	.	.	.	.	.	.
	Rorippa sylvestris	E1	.	.	.	.	15	5	1	.	12	.
	Aristolochia clematitis	E1	.	.	.	.	9	.	.	5	2	.
	Echinochloa crus-galli	E1	.	.	.	.	6	.	.	.	.	.
	Cirsium arvense	E1	.	.	.	.	3	6	10	.	.	.
	Convolvulus arvensis	E1	.	.	.	.	3	.	.	.	.	.
	Conyza canadensis	E1	.	.	.	.	3	.	.	.	.	.
	Sonchus oleraceus	E1	.	.	.	.	3	.	.	.	2	.
	Galeopsis tetrahit	E1	.	.	.	.	.	5	4	11	2	.
	Xanthium orientale	E1	.	.	.	.	.	.	.	5	22	50
	Erigeron canadensis	E1	.	.	.	.	.	.	.	.	32	8
AT	***Asplenietea trtichomanis, Thlaspietea rotundifolii***											
	Asplenium ruta-muraria	E1	5	.	.	.	.	.	.	.	.	.
	Asplenium trichomanes	E1	10	.	.	.	3	.	.	.	.	.
TR	*Equisetum ramosissimum*	E1	.	.	.	.	.	.	.	.	.	13
O	**Other species (Druge vrste)**											
	Ailanthus glandulosa	E3a	10	.	.	.	.	.	.	.	.	.
	Robinia pseudoacacia	E3b	10	50	.	33	3	.	.	11	5	8
	Robinia pseudoacacia	E2b	5	9	.	6	6	.	.	.	.	.
	Robinia pseudoacacia	E1	5	5	.	9	.	.	.	.	.	.
	Aquilegia vulgaris	E1	5	.	.	.	.	.	.	.	.	.
	Forsythia viridissima	E2a	5	.	.	.	.	.	.	.	.	.
	Prunus insititia	E3a	5	5	.	.	.	.	.	.	.	.
	Prunus insititia	E2a	.	32	.	.	.	.	.	.	.	.
	Viola sororia	E1	.	9	.	.	.	.	.	.	.	.
	Vitis vinifera	E3a	.	9	.	.	.	.	.	.	.	8
	Iris foetidissima	E1	.	5	.	.	.	.	.	.	.	.
	Gleditsia triacanthos	E3a	.	5	.	.	.	.	.	.	.	.
	Iris germanica	E1	.	5	.	.	.	.	.	.	.	.
	Malus domestica	E3a	.	5	.	.	.	.	.	.	.	.
	Morus alba	E3a	.	5	.	.	.	.	.	.	.	.
	Platanus x hispanica	E3b	.	5	.	.	.	.	.	.	.	.
	Platanus x hispanica	E2b	.	5	.	.	.	.	.	.	.	.
	Bromus sp.	E1	.	.	88	.	.	.	.	.	.	.
	Hypericum sp.	E1	.	.	25	.	.	.	.	.	.	.
	Carex sp.	E1	.	.	.	.	9	.	.	.	.	.
	Mentha sp.	E1	.	.	.	.	6	.	.	.	.	.
	Mentha x verticillata	E1	.	.	.	.	3	.	.	.	.	.
	Ranunculus aquitalis	E1	.	.	.	.	3	.	.	.	.	.
	Aster novi-belgii agg.	E1	.	.	.	.	.	25	3	.	.	.
	Apios americana	E1	.	.	.	.	.	.	.	11	32	.
	Humulus japonicus	E1	.	.	.	.	.	.	.	.	34	.
	Ditrichia viscosa	E1	.	.	.	.	.	.	.	.	.	8
ML	**Mosses and Fungi (Mahovi in lesne glive)**											
	Plagiomnium undulatum	E0	29	18	25	3	.	3	7	.	.	.
	Brachythecium sp.	E0	5	.	.	.	.	.	.	.	.	.
	Anomodon viticulosus	E0	5	.	.	.	.	.	.	.	.	.
	Mnium sp.	E0	5	.	.	.	.	.	.	.	.	.
	Neckera complanata	E0	5	.	.	.	.	.	.	.	.	.
	Laetiporus sulphureus	E3a	.	5	.	.	.	.	.	.	.	.
	Eurhynchium sp.	E0	.	.	.	6	.	.	.	.	.	.

1 LoSa–Si *Lamio orvalae-Salicetum albae ranunculetosum lanuginosae*, Slovenia, this article
2 LoSa–Vd *Lamio orvalae-Salicetum albae caricetosum pendulae,* Slovenia, Vipava Valley, this article
3 Sa–Drava *Salicetum albae*, Slovenia, Drava Valley (Podravje), Javornik (2013, Appendix A, Phytosociological table, relevés 1–8)
4 Sa-Mura, *Salicetum albae* Sloveni, Mura Valley, Čarni et al. (2008, Synoptic table of forest communities, column 2, compare also P. Košir et al. 2013, Table 1, relevés 1–30)
5 Sa-Krka, *Salicetum albae*, Slovenia, Dolenjska, Šilc (2003, Table 4)
6 Sap-A *Salicetum albae phalaridetosum*, Austria, Karner (2007, Table 2, column 3)
7 Sac-A *Salicetum albae cornetosum*, Austria, Karner (2007, Table 2, column 4)
8 *Amorpho fruticosae-Salicetum albae* var. *Populus nigra*, N-Italy, Poldini, Vidali & Ganis, (2011, Table 3, column 9)
9 *Amorpho fruticosae-Salicetum albae* var. *Bidens frondosa*, N-Italiy, Poldini, Vidali & Ganis, (2011, Table 3, column 11)
10 *Amorpho fruticosae-Salicetum albae* var. *Humulus lupulus*, N-Italy, Poldini, Vidali & Ganis, (2011, Table 3, column 10)

Table 5: Groups of diagnostic species in communities of the syntaxon *Salicetum albae* s. lat.
Preglednica 5: Skupine diagnostičnih vrst v združbah makroasociacije *Salicetum albae* s. lat.

Successive number (Zaporedna številka)	1	2	3	4	5	6	7	8	9	10
Number of relevés (Število popisov)	21	22	8	33	33	87	141	19	41	24
Sign for syntaxa (Oznaka sintaksona)	LoSa -SI	LoSa -Vd	Sa-Drava	Sa-Mura	Sa-Krka	Sap-A	Sac-A	AfSapn	AfSabf	AfSahl
Salicion albae	3	**11**	**7**	**6**	**7**	**12**	**9**	**12**	**9**	**17**
Salicetea purpureae	1	0	2	0	4	2	2	4	6	**15**
Alnion incanae	**10**	**7**	**9**	**8**	**8**	**10**	**15**	**17**	**10**	**9**
Alno-Quercion roboris	0	**5**	**6**	**13**	0	1	3	0	0	2
Tilio-Acerion	**5**	4	0	6	0	0	0	0	0	0
Erythronio-Carpinion	**3**	**4**	0	1	0	0	0	0	0	0
Aremonio-Fagion	**3**	**2**	0	0	0	0	0	0	0	0
Fagetalia sylvaticae	**17**	**14**	**12**	**17**	7	2	**10**	6	0	1
Quercetalia pubescenti-petraeae	0	1	0	0	0	0	0	0	0	1
Querco-Fagetea	**12**	**16**	**5**	**6**	0	0	3	2	0	1
Vaccinio-Piceetea	0	0	0	0	0	0	0	0	0	0
Epilobietea angustifolii	2	1	0	2	3	0	2	2	0	1
Rhamno-Prunetea	**6**	**8**	**5**	4	**7**	2	**5**	5	0	2
Mulgedio-Aconitetea	3	0	0	0	0	0	3	0	0	0
Festuco-Brometea, Trifolio-Geranietea	0	0	0	0	0	0	0	0	0	5
Calthion	**4**	0	2	0	3	**7**	4	0	0	0
Molinietalia caeruleae	2	0	0	0	0	0	2	0	0	0
Filipendulo-Petasition	2	0	3	0	6	11	4	**5**	3	3
Potentillo-Polygonetalia	1	2	4	3	2	4	1	0	3	2
Molinio-Arrhenatheretea	3	4	**10**	4	**6**	**6**	**7**	4	3	2
Phragmiti-Magnocaricetea	2	0	5	3	**8**	**20**	6	11	**16**	5
Filipendulo-Convolvuletea	2	0	3	0	**7**	2	1	3	9	2
Bidentetea tripartitetae	0	0	0	0	3	1	0	3	**13**	4
Artemisietea vulgaris	0	1	2	0	2	2	1	2	3	6
Galio-Urticetea	**14**	**11**	**15**	**20**	**20**	**11**	**20**	**18**	**11**	**11**
Stellarietea mediae	2	2	3	3	3	1	0	1	**8**	**7**
Asplenietea trtichomanis, Thlaspietea rotundifolii	0	0	0	0	0	0	0	0	0	1
Other species (Druge vrste)	0	3	3	2	1	2	0	2	5	2
Mosses (Mahovi)	0	0	0	0	0	0	0	0	0	0
Total (Skupaj)	100	100	100	100	100	100	100	100	100	100

Table 6 (Preglednica 6): ***Ornithogalo pyrenaici-Aceretum negundi*** **nom. prov.**

	Successsive number (Zaporedna številka)		1	2	
	Database number of relevé (Delovna številka popisa)		254575	259160	
	Elevation in m (Nadmorska višina v m)		56	56	
	Aspect (Lega)		0	0	
	Slope in degrees (Nagib v stopinjah)		0	0	
	Parent material (Matična podlaga)		Al	Al	
	Soil (Tla)		Fl	Fl	
	Stoniness in % (Kamnitost v %)		0	0	
	Cover in % (Zastiranje v %):				
	Upper tree layer (Zgornja drevesna plast)	E3b	90	80	
	Lower tree layer (Spodnja drevesna plast)	E3a	.	10	
	Shrub layer (Grmovna plast)	E2	10	30	
	Herb layer (Zeliščna plast)	E1	50	60	
	Moss layer (Mahovna plast)	E0		1	
	Maximum diameter of trees (Največji prsni premer dreves)	cm	20	30	
	Maximum height of trees (Največja drevesna višina)	m	16	18	
	Number of species (Število vrst)		43	32	
	Relevé area (Velikost popisne ploskve)	m^2	400	400	
	Date of taking relevé (Datum popisa)		10/2/2014	4/13/2015	
	Locality (Nahajališče)		Lijak	Lijak	
	Quadrant (Kvadrant)		0048/3	0048/3	
	Coordinate GK Y (D-48)	m	399685	399614	
	Coordinate GK X (D-48)	m	5087065	5087193	
	Diagnostic species of the association (Diagnostične vrste asociacije)				Pr.
SP	*Acer negundo*	E3b	5	4	2
SP	*Acer negundo*	E3a	.	2	1
SP	*Acer negundo*	E2b	1	1	1
QP	*Ruscus aculeatus*	E1	+	+	
EC	*Ornithogalum pyrenaicum*	E1	1	.	
SA	***Salicion albae***				
	Populus nigra	E3b	r	1	1
	Salix alba	E3b	+	.	1
AQr	***Alno-Quercion roboris***				
	Leucojum aestivum	E1	+	.	1
	Quercus robur	E3b	.	2	1
	Quercus robur	E2b	.	+	1
AI	***Alnion incanae***				
	Equisetum arvense	E1	1	1	2
	Rubus caesius	E1	+	+	2
	Carex pendula	E1	+	.	1
	Carex remota	E1	+	.	1
AG	***Alnus glutinosa***	E3b	+	.	1
	Frangula alnus	E2b	.	+	1
EC	***Erythronio-Carpinion***				
	Galanthus nivalis	E1	+	.	1
	Ranunculus aesontinus	E1	.	+	1
TA	***Tilio-Acerion***				
	Successsive number (Zaporedna številka)		1	2	Pr.
	Acer pseudoplatanus	E3a	+	.	1
FS	***Fagetalia sylvaticae***				
	Viola reichenbachiana	E1	+	1	2
	Brachypodium sylvaticum	E1	+	+	2
	Allium ursinum	E1	+	+	2
	Paris quadrifolia	E1	+	.	1
	Prunus avium	E3b	r	.	1
	Carpinus betulus	E3a	.	1	1
	Carpinus betulus	E2b	.	+	1
	Carpinus betulus	E1	.	+	1
QF	***Querco-Fagetea***				
	Hedera helix	E1	1	1	2
	Corylus avellana	E2a	+	.	1
	Acer campestre	E3b	+	.	1
	Acer campestre	E2b	1	1	2
	Acer campestre	E1	+	1	2
	Clematis vitalba	E3a	1	+	2
	Clematis vitalba	E1	+	.	1
	Malus sylvestris	E2b	.	+	1
	Malus sylvestris	E2a	+	.	1
	Scilla bifolia	E1	1	.	1
	Anemone ranunculoides	E1	+	.	1
	Ulmus minor	E2a	.	+	1
	Ranunculus ficaria	E1	.	+	1
	Malus sylvestris	E3a	.	+	1
	Listera ovata	E1	.	+	1
RP	***Rhamno-Prunetea***				
	Crataegus monogyna	E2a	+	+	2
	Euonymus europaea	E3a	.	+	1
	Euonymus europaea	E2a	+	.	1
	Ligustrum vulgare	E2a	+	.	1
	Cornus sanguinea	E2b	.	1	1
CA	***Calthion***				
	Angelica sylvestris	E1	+	.	1
FP	***Filipendulo-Petasition***				
	Myosoton aquaticum	E1	.	+	1
Mo	***Molinietalia caeruleae***				
	Colchicum autumnale	E1	+	+	2
	Iris sibirica	E1	.	+	1
PP	***Potentillo-Polygonetalia***				
	Barbarea vulgaris	E1	+	.	1
MA	***Molinio-Arrhenatheretea***				
	Poa trivialis	E1	2	1	2
	Ajuga reptans	E1	+	.	1
	Lysimachia nummularia	E1	.	+	1
MuA	***Mulgedio-Aconitetea***				
	Silene dioica	E1	.	+	1
GU	***Galio-Urticetea***				
	Aegopodium podagraria	E1	3	3	2
	Urtica dioica	E1	+	.	1
	Parietaria officinalis	E1	+	.	1
	Galium aparine	E1	+	.	1
	Geum urbanum	E1	.	+	1
	Glechoma hederacea	E1	.	1	1
BT	***Bidentetea tripartitetae***				
	Bidens frondosa	E1	+	.	1
SM	***Stellarietea mediae***				
	Allium vineale	E1	+	.	1
	Stellaria media	E1	+	.	1
O	**Other species (Druge vrste)**				
	Robinia pseudoacacia	E3b	.	+	1
	Robinia pseudoacacia	E1	+	.	1
	Ficus carica	E1	1	.	1
ML	**Mosses (Mahovi)**				
	Plagiomnium undulatum	E0	+	.	1

Table 7 (Preglednica 7): *Pseudostellario-Carpinetum, Lamio orvalae-Alnetum glutinosae, Ornithogalo-Carpinetum*

	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	26	27	28	29	30	31	32	33	34	35	36	37		
	Database number of relevé (Delovna številka popisa)		2593328	2593331	2593334	2593330	2593336	2593335	2593332	2593333	2593337	2453336	2460686	2428827	2505027	2346724	2453550	2453551	2453552	2453553	2481897	2346514	2346614	2346684	2346694	2346704	2346734	2351614	2351624	2518384	2593294	2520064	2520074	2351924	2351314	2513154	2513024	2513144		
	Elevation in m (Nadmorska višina v m)		59	59	58	60	60	60	58	60	58	130	505	100	100	130	120	120	120	120	265	112	120	125	130	130	130	130	130	163	62	80	80	220	270	270	270	260	270		
	Aspect (Lega)		0	0	0	0	0	0	0	0	0	0	W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Slope in degrees (Nagib v stopinjah)		0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Parent material (Matična podlaga)		Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al		
	Soil (Tla)		Pg	Pg	Pg	Pg	Pg	Pg	Pg	Pg	Pg	Pg	Fl	Pg	Pg	Fl	Pg	Fl	Fl	Fl	Fl	Fl	Fl	Eu	Eu	Fl	Fl	Fl	Fl	Eu	Fl	Eu	Eu	Fl	Eu	Eu	Eu	Fl	Eu		
	Stoniness in % (Kamnitost v %)		0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Cover in % (Zastiranje v %):																																								
	Upper tree layer (Zgornja drevesna plast)	E3b	80	80	80	80	80	70	80	70	70	90	80	80	70	80	80	80	70	70	80	80	70	70	80	70	80	80	80	70	60	90	80	80	80	60	90	80	80		
	Lower tree layer (Spodnja drevesna plast)	E3a	20	20	10	10	10	20	10	20	20	10		20	20	10	20	20	10	30		20	40	20	10	20	10	10	10	10	30	10	20			20	20	10	20		
	Shrub layer (Grmovna plast)	E2	20	10	15	20	20	20	20	20	10	40	20	40	60	40	20	30	40	30	10	20	40	30	20	70	30	20	40	40	30	30	30	60	10	30	70	30	60		
	Herb layer (Zeliščna plast)	E1	70	60	70	70	75	65	65	60	75	50	30	70	70	70	100	100	90	90	80	80	80	70	70	0	80	80	70	80	80	80	90	70	80	70	5	80	1		
	Moss layer (Mahovna plast)	E0	0	0	0	0	0	0	0	0	0	0	0	5	10	0	0	0	0	0		0	0	0	0		0	0	0	5	0	0	0	4	0		5				
	Maximum diameter of trees (Največji prsni premer dreves)	cm	40	50	40	80	70	70	50	50	100	30	30	35	40	40	50	40	40	45	25	25	25	20	40	25	40	40	40	28	60	60	30	35	25	25	20	25	30	20	
	Maximum height of trees (Največja drevesna višina)	m	30	30	27	30	30	28	26	28	25	18	18	28	25	25	24	30	26	28	17	17	15	28	17	25	28	28	20	32	22	30	20	20	16	17	17	20	14		
	Number of species (Število vrst)		27	35	43	40	39	29	29	36	33	45	70	44	58	35	29	29	37	39	27	45	44	30	38	35	32	34	55	49	51	35	42	33	45	54	67	58	37		
	Relevé area (Velikost popisne ploskve)	m^2	400	400	400	400	400	400	400	400	400	200	200	200	400	200	400	400	400	400	200	200	200	200	200	200	200	400	400	400	400	200	200	200	100	100	100	400	100		
	Date of taking relevé (Datum popisa)		4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	5/10/2012	3/22/2012	4/14/2012	5/6/1999	3/29/2010	4/19/2011	4/19/2011	4/19/2011	4/19/2011	4/19/2011	4/22/2013	3/29/2010	3/29/2010	3/29/2010	3/29/2010	3/29/2010	3/29/2010	4/6/2010	4/6/2010	3/17/2014	4/13/2015	4/2/2014	4/2/2014	4/6/2010	4/15/2013	4/18/2013	4/18/2013	4/15/2013	4/18/2013		
	Locality (Nahajališče)		Ajševica - Lijak	Ajševica - Lijak	Ajševica - Lijak	Ajševica - Lijak	Ajševica - Lijak	Ajševica - Lijak	Ajševica - Lijak	Ajševica - Lijak	Ajševica - Lijak	Mlake	Rašа	Panovec	Panovec	Branica	Jovšček - Tokaj	Jovšček - Tokaj	Jovšček - Tokaj	Jovšček - Tokaj	Jovšček - Tokaj	Pasji rep	Branica	Branica	Branica	Branica	Branica	Branica	Branica	Branica	Branica -Kodreti	Ajševica - Lijak	Velike Žablje	Velike Žablje	Rašа	Dolenja Rašа	Dolenja Rašа	Dolenja Rašа	Rašа v Lazu	Dolenja Rašа		
	Quadrant (Kvadrant)		0048/3	0048/3	0048/3	0048/3	0048/3	0048/3	0048/3	0048/3	0048/3	0149/4	0250/1	0047/4	0048/1	0149/3	0149/1	0149/1	0149/1	0149/1	0149/1	0249/2	0149/3	0149/3	0149/3	0149/3	0149/3	0149/3	0149/3	0149/3	0149/3	0149/3	0048/3	0148/1	0148/1	0249/1	0249/2	0249/2	0249/2	0249/2	0249/2		
	Coordinate GK Y (D-48)	m	399581	399608	399605	399564	399547	399614	399638	399594	399598	420067	423076	396305	397201	412322	413065	413040	412932	412882	420444	410164	410950	411633	412076	412191	411889	412636	412726	414561	399564	412448	412113	414288	416549	416583	416358	416243	416169		
	Coordinate GK X (D-48)	m	5087766	5087839	5087925	5087933	5087915	5088037	5087901	5088280	5075626	5075746	5068855	5090240	5090660	5076298	5083852	5083810	5083490	5083404	5071137	5077546	5076712	5076350	5076173	5076231	5076334	5076204	5076132	5074888	5086719	5080646	5080684	5072052	5069668	5069621	5069832	5070201	5070114		
	Diagnostic species of the association (Diagnostične vrste asociacij)																																							Pr.	Fr.
AqR	*Quercus robur*	E3b	.	.	+	3	4	3	4	1	4	r	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	1	.	+	.	.	.	.	.	.	.	13	35
AqR	*Quercus robur*	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	5
AqR	*Quercus robur*	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
AqR	*Quercus robur*	E1	.	.	.	+	+	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	6	16
EC	*Ranunculus aesontinus*	E1	2	3	2	2	1	2	1	2	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	12	32
FS	*Allium ursinum*	E1	2	2	3	2	4	3	2	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	+	+	.	.	15	41
AI	*Carex remota*	E1	2	3	2	2	2	1	2	3	3	.	1	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	r	.	.	.	11	30
AQr	*Leucojum aestivum*	E1	3	2	2	1	1	2	3	2	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9	24
AQr	*Fraxinus angustifolia*	E3b	4	2	+	+	.	1	+	.	1	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	22

	Number of relevé (Zaporedna številka popisa)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	Pr.	Fr.
AQr	*Fraxinus angustifolia*	E3a	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
AQr	*Fraxinus angustifolia*	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
AQr	*Fraxinus angustifolia*	E2a	1	.	.	.	+	+	.	+	+	.	.	.	.	.	.	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7	19
AQr	*Fraxinus angustifolia*	E1	.	.	.	+	.	.	.	+	+	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	11
	Ulmus minor	E3b	+	.	+	.	.	1	.	.	1	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	8	22
	Ulmus minor	E3a	1	+	.	.	+	.	1	+	1	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	+	+	.	.	11	30
	Ulmus minor	E2b	+	+	.	.	1	.	1	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	16
	Ulmus minor	E2a	1	1	1	2	+	2	1	1	1	.	.	.	.	.	1	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	13	35
	Ulmus minor	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	3
TA	*Arum maculatum*	E1	.	+	+	.	+	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	6	16
AQr	*Pseudostellaria europaea*	E1	.	.	+	1	1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	14
AQr	*Clematis viticella*	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
AQr	*Rumex sanguineus*	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
AF	*Lamium orvala*	E1	.	+	+	1	1	1	+	+	r	.	3	.	+	1	5	4	3	1	4	1	+	1	1	1	1	1	1	1	2	1	3	1	+	1	1	2	1	36	97
AG	*Alnus glutinosa*	E3b	3	4	4	3	2	+	2	4	.	4	4	5	4	2	3	3	4	4	4	.	.	.	+	+	4	1	1	2	3	.	+	.	.	.	.	r	.	27	73
AG	*Alnus glutinosa*	E3a	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	5	14
AG	*Alnus glutinosa*	E2b	.	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
AG	*Alnus glutinosa*	E2a	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
EC	*Galanthus nivalis*	E1	.	.	+	.	.	1	.	.	.	.	.	.	.	.	+	4	3	+	3	2	1	1	.	+	.	+	4	.	+	+	1	2	1	2	2	2	20	54
FS	*Carpinus betulus*	E3b	+	2	+	1	1	.	.	.	.	.	.	.	.	.	+	+	.	.	.	3	.	1	+	.	+	4	4	.	+	+	1	2	4	3	2	.	3	20	54
FS	*Carpinus betulus*	E3a	1	2	2	2	2	3	1	1	2	.	+	r	.	.	+	.	+	.	.	1	.	+	+	+	1	1	2	.	1	.	.	.	.	1	+	.	25	68
FS	*Carpinus betulus*	E2b	1	.	.	.	.	.	.	.	+	.	.	.	r	.	.	.	.	.	.	.	+	+	+	.	.	.	.	+	+	+	.	1	+	.	.	+	1	13	35
FS	*Carpinus betulus*	E2a	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	7	19
FS	*Carpinus betulus*	E1	+	+	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	11
RP	*Crataegus laevigata*	E2b	+	1	1	1	1	1	+	.	+	.	+	.	.	+	+	.	.	.	.	.	+	+	1	.	.	.	+	+	+	.	1	.	.	.	+	.	.	21	57
RP	*Crataegus laevigata*	E2a	+	1	.	.	.	+	.	.	.	.	.	.	.	+	+	+	.	.	.	.	+	+	1	.	+	.	.	.	.	.	.	.	.	+	1	.	.	.	12	32
EC	*Ornithogalum pyrenaicum*	E1	.	+	+	.	+	.	.	.	.	.	.	.	.	.	2	1	+	1	.	.	1	3	3	2	2	2	1	+	1	+	+	.	+	.	.	+	.	21	57
QP	*Ruscus aculeatus*	E1	.	+	+	+	+	.	+	.	.	.	.	.	+	r	.	1	+	.	.	.	+	+	.	.	.	.	.	.	+	1	2	+	.	.	.	+	+	17	46
AF	*Hacquetia epipactis*	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	+	+	.	1	1	1	1	1	.	+	1	1	.	1	+	.	15	41
QP	*Helleborus odorus subsp. istriacus*	E1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	+	1	+	.	+	.	.	1	.	.	.	1	2	2	2	1	2	12	32
AF	*Isopyrum thalictroides*	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	3	2	+	.	+	+	.	.	.	.	.	.	3	.	.	2	2	+	10	27
AI	***Alnion incanae***																																								
	Carex pendula	E1	1	1	+	.	+	+	+	1	.	.	.	2	.	.	.	+	1	1	.	.	+	.	.	.	.	.	r	+	+	.	.	.	.	.	.	.	15	41
	Rubus caesius	E1	.	.	.	+	.	.	.	+	.	.	.	.	+	1	.	.	2	2	.	.	1	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	+	10	27
	Equisetum arvense	E1	.	.	.	.	.	.	.	+	.	.	.	+	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	4	11
	Cardamine impatiens	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	2	5
	Ribes rubrum	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	3	8
	Dryopteris carthusiana	E1	.	.	.	.	.	.	+	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Humulus lupulus	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Humulus lupulus	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Hemerocallis fulva	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	r	.	.	.	.	.	.	.	.	2	5
	Populus alba	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Populus alba	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Populus alba	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Populus alba	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Equisetum telmateia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Humulus lupulus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Aesculus hippocastanum	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Aesculus hippocastanum	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Festuca gigantea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	3
	Frangula alnus	E2b	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Agropyron caninum	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Alnus incana	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
AG	***Alnetea glutinosae***																																								
	Salix aurita	E2b	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Salix cinerea	E2b	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
SA	***Salicion albae***																																								
	Populus nigra	E3b	.	.	.	.	.	.	.	.	.	r	.	.	.	3	.	2	+	r	.	+	.	.	+	+	.	.	1	+	.	.	.	.	.	.	.	.	.	10	27

	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	26	27	28	29	30	31	32	33	34	35	36	37	Pr.	Fr.
	Salix alba	E3b	.	+	.	.	.	+	+	.	r	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	6	16
	Acer negundo	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Salix fragilis	E3b	.	.	.	.	.	.	r	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Solanum dulcamara	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Vitis sylvestris	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
SP	***Salicetalia purpureae***																																							
	Salix eleagnos	E3b	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
EC	***Erythronio-Carpinion***																																							
	Primula vulgaris	E1	.	.	.	+	+	.	.	.	.	1	+	.	.	.	+	+	.	.	+	1	1	1	+	.	+	+	1	.	1	+	.	+	1	1	+	1	21	57
	Lonicera caprifolium	E2a	.	.	+	.	.	.	.	.	.	1	.	.	+	.	.	+	+	+	.	+	+	.	.	.	.	.	.	.	+	+	.	.	.	.	+	+	.	12	32
	Crocus vernus subsp. vernus	E1	+	+	.	.	+	+	.	.	.	.	.	2	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	1	.	.	.	.	.	r	+	11	30
	Helleborus odorus	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	1	+	+	1	1	.	+	2	+	.	.	.	.	.	.	11	30
	Erythronium dens-canis	E1	+	+	+	.	+	+	.	.	.	1	.	.	.	.	.	.	.	.	.	+	.	.	1	.	.	.	+	.	1	.	.	.	1	.	.	.	.	11	30
AF	***Aremonio-Fagion***																																							
	Cyclamen purpurascens	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	1	+	+	1	1	.	8	22
	Cardamine enneaphyllos	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	1	2	1	1	1	.	7	19
	Geranium nodosum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	.	.	.	.	.	.	.	2	5
	Knautia drymeia subsp. drymeia	E1	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Cardamine trifolia	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Euphorbia carniolica	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
TA	***Tilio-Acerion***																																							
	Acer pseudoplatanus	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	r	.	.	1	+	+	+	.	.	2	.	.	.	.	.	1	.	.	8	22
	Acer pseudoplatanus	E3a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	+	+	.	.	.	.	.	.	6	16
	Acer pseudoplatanus	E2b	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	+	.	.	.	+	1	+	.	.	.	.	.	+	.	7	19
	Acer pseudoplatanus	E2a	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	+	+	.	+	.	.	.	.	.	.	.	+	.	7	19
	Acer pseudoplatanus	E1	.	.	.	.	.	.	.	.	.	.	+	+	.	+	.	.	.	.	.	+	.	.	.	.	.	+	+	r	+	.	+	.	.	.	+	.	10	27
	Juglans regia	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	r	.	.	r	+	.	.	.	+	5	14
	Juglans regia	E3a	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Juglans regia	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	3	8
	Lunaria rediviva	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	+	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	4	11
	Ulmus glabra	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	3	8
	Ulmus glabra	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	+	.	.	3	8
	Ulmus glabra	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	+	.	.	.	.	.	.	+	.	4	11
	Ulmus glabra	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	.	.	.	.	.	2	5
	Ulmus glabra	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Tilia platyphyllos	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	3	8
	Tilia platyphyllos	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	1	3
	Tilia platyphyllos	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	3
	Tilia platyphyllos	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	3	8
	Aruncus dioicus	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	5
	Thalictrum aquilegiifolium	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	2	5
	Geranium robertianum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Staphylea pinnata	E2b	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Staphylea pinnata	E2a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
FS	***Fagetalia sylvaticae***																																							
	Symphytum tuberosum	E1	+	1	+	+	+	.	.	+	.	1	1	+	+	1	1	2	2	+	+	1	1	1	1	1	1	1	1	2	2	1	.	1	1	+	2	1	33	89
	Polygonatum multiflorum	E1	.	+	.	+	+	.	+	+	.	.	+	2	+	+	.	.	.	.	.	+	1	1	1	+	+	1	1	2	2	2	1	.	+	.	+	+	.	24	65
	Viola reichenbachiana	E1	.	+	+	+	+	+	.	.	.	.	+	+	+	+	.	+	+	.	.	.	+	.	.	.	.	.	+	+	+	1	1	.	+	1	1	.	21	57
	Pulmonaria officinalis	E1	.	.	+	1	1	.	.	.	.	.	.	+	+	.	.	.	.	.	.	+	.	+	+	+	+	+	+	+	+	1	.	+	1	+	1	.	20	54
	Lilium martagon	E1	+	.	+	.	.	+	.	.	.	.	.	.	.	1	.	.	.	.	.	+	1	1	+	+	+	1	1	+	+	+	+	.	+	1	1	1	.	19	51
	Cardamine bulbifera	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	2	+	1	+	+	+	+	1	+	2	2	.	.	.	1	+	+	+	.	17	46
	Brachypodium sylvaticum	E1	.	.	.	.	.	.	.	.	.	+	+	+	.	.	.	.	+	1	+	+	.	.	.	+	.	.	+	+	.	+	+	.	.	+	1	+	15	41
	Sambucus nigra	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Sambucus nigra	E2b	.	.	.	.	.	.	.	.	.	1	.	.	+	2	1	1	2	1	+	.	1	+	1	.	.	1	.	.	.	.	.	.	.	.	.	1	.	13	35
	Sambucus nigra	E2a	.	.	.	+	.	.	.	.	.	1	.	.	.	1	+	.	.	.	.	+	.	+	.	+	+	+	+	+	.	.	.	.	.	.	.	.	12	32
	Sambucus nigra	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Galeobdolon montanum	E1	+	+	+	1	1	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	+	.	+	.	.	.	+	.	.	.	12	32
	Asarum europaeum subsp. caucasicum	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	+	+	.	.	.	+	+	.	.	.	+	+	+	1	11	30

	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	26	27	28	29	30	31	32	33	34	35	36	37	Pr.	Fr.
	Heracleum sphondylium	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	+	.	+	+	+	.	.	.	.	.	+	.	.	.	.	.	+	+	1	.	10	27
	Corydalis cava	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	+	+	1	+	.	.	.	.	.	.	.	+	.	.	1	.	9	24
	Mercurialis perennis	E1	.	.	.	+	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	+	+	.	.	1	.	8	22
	Carex sylvatica	E1	+	+	+	.	.	.	.	.	.	.	+	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	8	22
	Euphorbia dulcis	E1	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	.	+	+	.	.	.	.	.	.	.	.	.	+	+	.	.	+	.	.	+	.	.	8	22
	Paris quadrifolia	E1	.	+	+	+	1	+	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	7	19
	Galeobdolon flavidum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	+	+	+	.	.	.	.	.	+	.	.	6	16
	Ranunculus lanuginosus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	+	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	6	16
	Fraxinus excelsior	E3b	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	3	.	5	14
	Fraxinus excelsior	E3a	.	.	.	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Fraxinus excelsior	E2b	.	.	.	.	.	.	.	.	.	.	.	.	2	3	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	4	11
	Fraxinus excelsior	E2a	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Fraxinus excelsior	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	5
	Salvia glutinosa	E1	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	5	14
	Circaea lutetiana	E1	.	.	.	.	.	.	.	.	.	.	1	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	4	11
	Prunus avium	E3b	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	r	.	.	3	8
	Prunus avium	E3a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Prunus avium	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Prunus avium	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Prunus avium	E1	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	11
	Fagus sylvatica	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	2	5
	Fagus sylvatica	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
	Fagus sylvatica	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	+	.	.	3	8
	Fagus sylvatica	E2a	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	r	.	.	.	3	8
	Lathyrus vernus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	.	2	5
	Galium laevigatum	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	5
	Sanicula europaea	E1	.	.	.	.	.	.	.	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Tilia cordata	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	2	5
	Tilia cordata	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	3
	Tilia cordata	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Tilia cordata	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	3
	Mycelis muralis	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Actaea spicata	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Campanula trachelium	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Daphne mezereum	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	3
	Euphorbia amygdaloides	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	3
	Melica nutans	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	3
	Dryopteris filix-mas	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
	Neottia nidus-avis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
QP	***Quercetalia pubescenti-petraeae***																																								
	Lathyrus venetus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	+	.	.	+	+	.	.	6	16
	Fraxinus ornus	E3a	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	3	8
	Fraxinus ornus	E2b	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Fraxinus ornus	E2a	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Fraxinus ornus	E1	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Ostrya carpinifolia	E3b	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	2	.	.	4	11
	Ostrya carpinifolia	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Cornus mas	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	+	.	4	11
	Cornus mas	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	2	5
	Sesleria autumnalis	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	3	8
	Acer obtusatum	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
	Acer obtusatum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	2	5
	Aristolochia lutea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	2	5
	Mercurialis ovata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	3
	Tamus communis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
	Asparagus tenuifolius	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
	Convallaria majalis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
QR	***Quercetalia roboris***																																								

	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	26	27	28	29	30	31	32	33	34	35	36	37	Pr.	Fr.
	E1	.	.	.	.	.	.	.	.	.	+	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Betonica officinalis E2a	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Rubus hirtus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
QF	***Querco-Fagetea***																																							
	Anemone nemorosa E1	2	2	3	2	3	2	2	1	.	.	1	3	+	1	1	2	1	.	+	2	2	2	1	2	2	2	2	3	3	4	4	1	2	2	1	2	1	2	35	95
	Hedera helix E3a	.	+	.	+	.	.	1	+	.	1	.	+	.	+	2	1	1	2	+	1	1	1	.	+	1	1	1	+	.	+	1	.	.	.	.	+	.	23	62
	E1	.	.	+	+	+	.	+	+	+	1	+	+	+	+	2	2	1	1	+	2	2	+	+	2	+	2	2	1	+	+	+	1	+	+	+	+	.	+	33	89
	Hedera helix E1	.	2	2	1	1	2	1	1	1	.	+	.	.	1	3	1	3	3	3	+	+	+	1	2	2	1	+	1	2	+	.	.	+	1	1	1	.	31	84
	Ranunculus ficaria E3a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	2	1	.	1	.	+	.	+	1	3	.	.	+	+	.	.	.	1	.	1	2	1	2	16	43
	Corylus avellana E2b	+	+	.	+	.	1	.	+	.	.	1	.	+	1	1	1	2	1	.	+	1	1	1	1	1	1	2	1	2	2	1	.	.	+	+	.	1	.	26	70
	Corylus avellana E2a	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	1	.	.	.	1	.	.	.	.	.	.	9	24
	Corylus avellana E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	3
	Acer campestre E3b	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	+	+	.	.	.	+	1	1	+	1	1	1	.	.	.	+	2	+	1	.	.	.	15	41
	Acer campestre E3a	.	.	.	.	.	1	.	+	.	+	.	.	.	.	1	1	1	1	1	+	.	+	.	+	.	+	1	1	+	.	1	+	.	+	.	+	+	.	20	54
	Acer campestre E2b	.	.	.	.	.	1	+	+	+	1	.	.	.	.	.	1	1	.	.	.	.	.	+	.	+	+	+	1	.	+	1	+	1	.	+	+	.	.	19	51
	Acer campestre E2a	.	.	.	.	.	.	.	+	+	.	+	.	.	1	+	.	.	1	+	+	.	+	.	.	+	.	1	.	1	.	.	1	+	.	.	.	+	.	18	49
	Acer campestre E1	+	+	1	.	.	.	1	+	.	.	.	.	.	.	.	+	.	+	+	.	+	.	.	.	.	.	1	.	.	1	.	+	+	.	+	.	.	+	14	38
	Anemone ranunculoides E1	.	+	+	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.	.	1	1	+	.	1	1	+	1	.	.	.	.	+	.	1	1	1	1	18	49
	Gagea lutea E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	.	.	+	1	1	+	1	+	.	.	.	.	+	+	+	1	+	15	41
	Hepatica nobilis E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	+	+	+	+	.	1	+	.	+	1	+	+	+	+	.	14	38
	Lathraea squamaria E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	.	+	1	.	1	1	1	+	.	.	1	1	+	+	+	.	13	35
	Scilla bifolia E1	.	.	.	.	.	.	+	.	.	.	1	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	+	.	r	.	7	19
	Carex digitata E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	r	+	.	+	.	.	+	1	1	+	.	.	7	19
	Veratrum nigrum E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	+	.	.	.	.	.	+	.	+	r	.	.	7	19
	Orobanche hederae E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	+	.	+	.	.	.	+	.	.	.	.	.	6	16
	Vinca minor E1	1	+	.	1	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	+	.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	6	16
	Listera ovata E1	.	.	.	+	+	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	4	11
	Clematis vitalba E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	5
	Clematis vitalba E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	1	3
	Clematis vitalba E2a	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Clematis vitalba E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Malus sylvestris E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	5
	Malus sylvestris E3a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	2	5
	Malus sylvestris E2b	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	3	8
	Malus sylvestris E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Quercus petraea E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Quercus petraea E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	3
	Quercus petraea E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	3	8
	Carex pilosa E1	.	.	.	+	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	3	8
	Rosa arvensis E2a	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	3	8
	Cerastium sylvaticum E1	.	.	.	.	.	.	.	.	.	.	+	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	3	8
	Pyrus pyraster E3b	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	3	8
	Pyrus pyraster E2a	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Platanthera chlorantha E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Carex montana E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Crataegus curvisepala E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	3
	Dactylorhiza fuchsii E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Ilex aquifolium E2a	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Lonicera xylosteum E2a	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Moehringia trinervia E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	3
VP	*Vccinio-Piceetea*																																							
	Aposeris foetida E1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	+	+	1	.	.	+	2	+	1	.	11	30
	Calamagrostis arundinacea E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Gentiana asclepiadea E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Oxalis acetosella E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Picea abies E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Dryopteris dilatata E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
RP	***Rhamno-Pruneteа***																																							
	Ligustrum vulgare E2b	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	3	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	26	27	28	29	30	31	32	33	34	35	36	37	Pr.	Fr.
	Ligustrum vulgare	E2a	.	.	.	1	.	.	.	+	.	1	+	+	+	.	+	+	.	+	.	.	1	+	+	.	1	.	+	+	+	.	+	2	+	1	.	+	1	23	62
	Euonymus europaea	E2b	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	1	.	.	.	+	.	+	+	.	1	7	19
	Euonymus europaea	E2a	.	+	+	+	.	+	.	.	+	+	+	.	.	+	+	+	.	+	+	.	+	+	.	+	.	.	+	+	.	.	.	+	.	+	.	.	1	19	51
	Euonymus europaea	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	+	.	.	.	+	.	.	+	6	16
	Viburnum opulus	E2b	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Viburnum opulus	E2a	.	+	1	1	1	.	.	.	+	+	+	2	+	.	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12	32
	Cornus sanguinea	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	2	5
	Cornus sanguinea	E2b	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	4	11
	Cornus sanguinea	E2a	+	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	+	+	+	.	.	.	+	.	.	.	.	1	+	+	.	.	.	.	.	.	.	11	30
	Cornus sanguinea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Crataegus monogyna	E3a	.	.	.	.	.	.	.	.	.	+	+	.	r	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	5	14
	Crataegus monogyna	E2b	.	+	.	.	.	.	.	.	.	1	+	.	.	.	.	+	1	+	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	+	.	.	.	1	10	27
	Crataegus monogyna	E2a	.	+	+	.	.	.	.	.	.	+	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	+	8	22
	Crataegus laevigata	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	3
	Prunus spinosa	E2b	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Prunus spinosa	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Rhamnus catharticus	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	1	3
	Rhamnus catharticus	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Rhamnus catharticus	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Berberis vulgaris	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	3
	Viburnum lantana	E2b	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
EA	***Epilobietea angustifolii***																																							
	Stachys sylvatica	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	3	8
	Arctium minus	E1	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Galeopsis speciosa	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
TG	***Trifolio-Geranietea***																																							
	Campanula rapunculoides	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	+	3	8
	Vincetoxicum hirundinaria	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
Ca	***Calthion***																																							
	Caltha palustris	E1	.	.	+	+	.	.	+	1	+	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	16
	Angelica sylvestris	E1	+	.	.	.	.	.	.	.	.	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Myosotis scorpioides	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
FP	***Filipendulo-Petasition***																																							
	Filipendula ulmaria	E1	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Lysimachia vulgaris	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Valeriana officinalis	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Lythrum salicaria	E1	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Mentha aquatica	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
Mo	***Molinietalia caeruleae***																																							
	Colchicum autumnale	E1	1	1	+	+	1	.	.	.	.	1	+	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	+	+	+	.	.	.	.	.	+	+	16	43
	Valeriana dioica	E1	.	.	+	.	.	.	.	+	1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	11
	Molinia caerulea subsp. arundinacea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Cardamine pratensis	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Ophioglossum vulgatum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
PP	*Potentillo-Polygonetalia*																																							
	Ranunculus repens	E1	.	.	.	.	.	.	.	.	1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Plantago major subsp. intermedia	E1	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
MA	*Molinio-Arrhenatheretea*																																							
	Ajuga reptans	E1	.	+	.	.	+	+	.	+	+	1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7	19
	Deschampsia cespitosa	E1	+	.	.	.	.	.	.	+	r	.	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	14
	Lysimachia nummularia	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Prunella vulgaris	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Dactylis glomerata	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Crocus albiflorus	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Allium scorodoprasum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	3
MuA	***Mulgedio-Aconitetea***																																							
	Athyrium filix-femina	E1	.	.	+	.	.	.	.	.	.	.	+	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	r	.	.	.	.	.	.	5	14

	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	26	27	28	29	30	31	32	33	34	35	36	37	Pr.	Fr.
	Aconitum lycoctonum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	4	11
	Senecio nemorensis	E1	.	.	.	.	.	.	.	.	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	4	11
	Senecio ovatus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	3
AT	***Asplenietea trichomanis***																																							
	Polypodium vulgare	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
TR	*Cardaminopsis arenosa*	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	3
CU	***Calluno-Ulicetea***																																							
	Carex pallescens	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
MC	***Montio-Cardaminetea***																																							
	Cardamine amara	E1	.	.	+	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
PM	***Phragmiti-Magnocaricetea***																																							
	Lycopus europaeus	E1	.	.	.	.	.	+	.	.	r	.	.	+	.	.	.	.	.	.	1	1	1	1	1	2	1	1	1	1	.	1	+	.	+	+	+	1	28	76
	Carex elata	E1	.	.	.	.	.	.	+	+	.	.	.	1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	+	.	.	+	.	.	.	3	8
	Iris pseudacorus	E1	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	8
	Carex vulpina	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Galium palustre	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
GU	***Galio-Urticetea***																																							
	Aegopodium podagraria	E1	.	.	.	.	.	+	.	+	.	1	.	+	1	4	4	3	3	1	1	1	1	1	1	2	1	1	1	1	.	1	+	.	+	+	+	1	28	76
	Glechoma hederacea	E1	1	.	.	.	+	.	.	.	.	.	+	+	+	+	+	2	2	.	.	+	.	.	+	.	.	.	.	+	+	.	.	.	+	.	+	1	16	43
	Geum urbanum	E1	.	.	.	.	.	.	.	.	.	1	+	.	1	.	.	.	+	+	+	+	.	.	.	.	.	.	.	.	.	.	+	.	.	+	+	1	10	27
	Alliaria petiolata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	4	11
	Parietaria officinalis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	4	11
	Viola odorata	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	4	11
	Urtica dioica	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Galium aparine	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Lamium maculatum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	3
	Chaerophyllum aureum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	3
BT	***Bidentetea tripartitetae***																																							
	Bidens frondosa	E1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Polygonum hydropiper	E1	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
SM	***Stellarietea mediae***																																							
	Allium vineale	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	4	11
	Stellaria media	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	3
	Solanum nigrum	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
O	**Other species (Druge vrste)**																																							
	Robinia pseudoacacia	E3b	.	.	.	r	.	.	.	.	r	.	.	.	.	.	1	.	.	.	r	4	4	4	3	2	1	+	+	3	.	4	3	.	+	.	+	+	3	19	51
	Robinia pseudoacacia	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	1	.	.	.	.	.	.	.	3	8
	Robinia pseudoacacia	E2b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	.	.	.	.	2	5
	Robinia pseudoacacia	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	5
	Prunus insititia	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	3
	Prunus insititia	E3a	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Prunus insititia	E2b	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Prunus insititia	E2a	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	+	+	.	+	.	.	.	.	+	.	8	22
	Spiraea japonica	E2a	+	.	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	4	11
	Narcissus pseudonarcissus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5
	Ficus carica	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	1	3
	Allium sp.	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
	Prunus sp.	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	3
	Quercus rubra	E3b	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3
ML	**Mosses (Mahovi)**																																							
	Plagiomnium undulatum	E0	.	.	+	.	.	.	.	.	+	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	5	14
	Ctenidium molluscum	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	3	8
	Homalothecium lutescens	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	3
	Isothecium alopecuroides	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	1	3
	Brachythecium rutabulum	E0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	3

Table 8 (Preglednica 8) : *Lamio orvalae-Alnetum glutinosae* - the Reka Valley (dolina Reke)

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			
Database number of relevé (Delovna številka popisa)		259307	259382	259383	259381	259304	256072	259417	259418	259457	259425	259433	259434	259450	259438	259443	259452	259458	259451	259305			
Elevation in m (Nadmorska višina v m)		420	400	400	400	420	380	400	400	400	425	435	435	420	435	420	415	417	420	420			
Aspect (Lega)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Slope in degrees (Nagib v stopinjah)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Parent material (Matična podlaga)		Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al	Al			
Soil (Tla)		Fl	Fl	Fl	Pg	Eu	Fl	Fl	Fl	Fl	Eu	Eu	Eu	Eu	Eu	Fl	Eu	Pg	Fl	Fl			
Stoniness in % (Kamnitost v %)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cover in % (Zastiranje v %):																							
Upper tree layer (Zgornja drevesna plast)	E3b	70	70	70	80	80	80	70	80	80	70	80	80	80	80	80	80	70	70	80			
Lower tree layer (Spodnja drevesna plast)	E3a	20	20	20	10	10	10	20	10	10	20	10	10		10	10	10	10	20	10			
Shrub layer (Grmovna plast)	E2	20	20	20	30	40	40	20	40	30	35	30	30	50	40	20	40	30	30	20			
Herb layer (Zeliščna plast)	E1	95	100	100	95	70	100	95	100	100	95	95	80	90	80	95	80	60	90	80			
Moss layer (Mahovna plast)	E0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Maximum diameter of trees (Največji prsni premer dreves)	cm	50	40	40	40	40	35	50	40	40	30	40	45	25	40	40	40	40	30	22			
Maximum height of trees (Največja drevesna višina)	m	24	28	30	25	22	25	30	28	27	20	26	28	17	25	24	25	26	24	40			
Number of species (Število vrst)		53	61	58	50	24	56	49	46	39	65	54	45	66	59	58	52	53	40	44			
Relevé area (Velikost popisne ploskve)	m^2	200	400	400	400	200	400	400	400	400	400	400	400	400	400	400	400	400	400	200			
Date of taking relevé (Datum popisa)		5/25/2015	5/11/2015	5/11/2015	5/11/2015	5/25/2015	11.5.2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/6/2015	5/25/2015			
Locality (Nahajališče)		Trpčane	Prem	Prem	Topolc	Trpčane	Ribnica	Mareče	Mareče	Mareče	Kobljak	Kobljak	Kobljak	Kobljak	Kobljak	Kobljak	Kobljak	Kobljak	Kobljak	Trpčane			
Quadrant (Kvadrant)		0451/4	0351/3	0351/3	0451/1	0451/4	0350/4	0451/1	0451/1	0451/1	0451/4	0451/4	0451/4	0451/4	0451/4	0451/4	0451/4	0451/4	0451/4	0451/4			
Coordinate GK Y (D-48)	m	446240	436564	436610	438651	446081	434628	438298	438238	438351	443660	443921	443963	442687	443460	442754	442403	442441	442250	446094			
Coordinate GK X (D-48)	m	5043156	5051852	5051828	5049158	5043366	5054641	5050130	5050144	5050148	5042981	5042987	5042931	5043296	5042993	5043259	5043482	5043436	5043573	5043188			
Diagnostic species of the association (Diagnostične vrste asociacije)																					Pr.	Fr.	
AG	*Alnus glutinosa*	E3b	+	1	+	4	4	3	3	4	4	3	5	4	5	4	4	4	3	3	4	19	100
AG	*Alnus glutinosa*	E3a	.	.	+	+	.	.	.	.	.	.	+	+	.	.	.	.	.	.	+	5	26
AG	*Alnus glutinosa*	E2b	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
AG	*Alnus glutinosa*	E2a	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	+	.	.	.	3	16
AF	*Lamium orvala*	E1	1	2	+	+	.	3	3	3	3	2	1	2	2	3	3	1	2	2	1	18	95
EC	*Ornithogalum pyrenaicum*	E1	.	+	.	+	1	+	1	1	+	1	1	1	+	1	1	+	+	1	+	17	89
EC	*Galanthus nivalis*	E1	.	1	1	.	.	3	2	1	1	.	.	.	+	.	.	.	.	.	.	7	37
Differential species of the variants (Razlikovalne vrste variant)																							
QF	*Scilla bifolia*	E1	.	1	+	+	.	2	1	1	2	.	.	.	.	.	.	.	.	.	.	7	37
FS	*Allium ursinum*	E1	+	4	4	.	.	.	4	4	5	.	.	.	.	.	.	.	.	.	+	7	37
FS	*Cardamine bulbifera*	E1	1	.	.	.	.	.	.	.	.	1	2	2	1	1	1	.	+	1	.	9	47
EC	*Crocus vernus subsp. vernus*	E1	.	.	.	.	.	.	.	.	.	1	1	1	1	1	1	1	1	1	.	9	47
AI	***Alnion incanae, Alno-Quercion***																						
	Rubus caesius	E1	4	1	+	3	4	+	.	.	+	1	+	1	1	.	+	.	1	+	.	14	74
	Equisetum arvense	E1	.	.	.	.	1	.	+	+	+	1	+	.	+	+	+	.	.	+	1	11	58
	Humulus lupulus	E2a	.	1	+	1	.	.	.	.	.	.	.	.	+	.	.	+	+	.	+	7	37
	Cardamine impatiens	E1	+	+	+	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	4	21
	Carex remota	E1	.	.	.	1	.	.	.	.	.	.	+	.	.	.	.	+	1	.	.	4	21
	Aesculus hippocastanum	E3b	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Aesculus hippocastanum	E3a	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	5
	Aesculus hippocastanum	E2b	.	.	.	+	.	.	r	.	.	.	.	.	.	.	.	.	.	.	r	3	16
	Aesculus hippocastanum	E2a	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	+	.	3	16
	Festuca gigantea	E1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	3	16
	Equisetum telmateia	E1	.	.	.	.	1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	2	11
	Frangula alnus	E2	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	.	.	.	2	11
	Hemerocallis fulva	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
AG	*Salix cinerea*	E3a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Knautia drymeia subsp. intermedia	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
AQr	*Quercus robur*	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
AQr	*Ulmus laevis*	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
AQr	*Ulmus laevis*	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	5
AQr	*Ulmus laevis*	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	1	5

	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	Pr.	Fr.
SA	***Salicion albae***																						
	Populus nigra	E3b	+	1	.	.	.	.	.	+	.	+	+	.	.	.	.	.	+	.	.	6	32
	Salix alba	E3b	1	.	.	1	1	.	+	.	.	.	.	.	.	.	.	+	.	+	+	7	37
	Salix fragilis	E3	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	+	.	.	+	3	16
	Salix purpurea	E2b	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Solanum dulcamara	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
TA	***Tilio-Acerion***																						
	Acer pseudoplatanus	E3b	1	+	.	.	.	.	+	.	.	+	.	+	.	.	.	.	.	.	.	5	26
	Acer pseudoplatanus	E3a	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	2	11
	Acer pseudoplatanus	E2b	1	.	+	.	.	.	2	.	.	+	+	+	+	+	.	.	.	.	.	8	42
	Acer pseudoplatanus	E2a	.	.	+	+	.	.	2	+	.	1	1	+	1	.	+	+	+	.	+	12	63
	Acer pseudoplatanus	E1	.	.	.	.	.	.	1	+	.	.	+	.	+	+	.	.	.	.	+	6	32
	Arum maculatum	E1	.	.	+	+	.	+	.	.	.	1	+	1	+	1	+	+	.	.	.	10	53
	Stellaria montana	E1	1	+	+	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	+	5	26
	Acer platanoides	E3b	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Acer platanoides	E2a	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Thalictrum aquilegiifolium	E1	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	.	.	2	11
	Juglans regia	E2b	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Juglans regia	E2a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	2	11
	Ulmus glabra	E2a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Adoxa moschatellina	E1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Geranium robertianum	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Hesperis candida	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Tilia platyphyllos	E2b	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Aruncus dioicus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	5
EC	***Erythronio-Carpinion***																						
	Primula vulgaris	E1	.	.	.	+	+	.	.	.	.	+	+	.	+	.	+	.	.	+	.	7	37
AF	***Aremonio-Fagion***																						
	Geranium nodosum	E1	.	.	.	.	.	+	1	.	.	.	1	+	.	1	+	.	+	.	+	8	42
	Knautia drymeia	E1	+	.	.	.	.	.	.	.	.	+	.	.	+	+	+	.	.	.	.	5	26
	Euphorbia carniolica	E1	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	.	.	.	2	11
	Cyclamen purpurascens	E1	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
FS	***Fagetalia sylvaticae***																						
	Brachypodium sylvaticum	E1	1	1	1	1	+	1	.	+	+	2	+	+	1	+	1	1	1	+	1	18	95
	Ranunculus lanuginosus	E1	1	1	1	.	.	+	+	+	+	1	+	1	1	1	1	+	1	+	+	17	89
	Pulmonaria officinalis	E1	.	+	+	.	.	1	1	+	1	2	1	2	+	1	1	1	1	1	+	16	84
	Carpinus betulus	E3b	.	.	.	.	.	.	3	.	+	.	.	+	.	+	+	.	.	.	.	5	26
	Carpinus betulus	E3a	+	.	r	.	.	+	1	+	1	+	+	+	.	+	+	.	+	+	.	13	68
	Carpinus betulus	E2b	.	.	.	.	.	.	.	.	.	+	.	.	.	1	.	.	.	.	.	2	11
	Carpinus betulus	E2a	+	.	.	.	.	.	.	.	+	+	.	+	.	1	.	+	.	.	.	6	32
	Fraxinus excelsior	E3b	3	4	4	+	+	3	.	.	.	3	1	2	+	.	.	1	3	+	.	13	68
	Fraxinus excelsior	E3a	.	.	.	.	.	.	.	+	.	2	+	.	.	.	.	+	+	.	.	5	26
	Fraxinus excelsior	E2b	.	.	.	.	.	.	.	.	.	1	.	+	1	+	+	1	+	.	.	7	37
	Fraxinus excelsior	E2a	.	.	.	1	+	.	.	.	.	1	1	+	1	1	1	1	.	+	1	11	58
	Fraxinus excelsior	E1	1	.	.	1	.	1	.	.	.	.	1	+	+	.	+	.	+	+	.	9	47
	Galeobdolon montanum	E1	+	1	1	.	.	1	.	.	.	3	1	2	2	1	2	1	1	2	.	13	68
	Salvia glutinosa	E1	+	.	+	.	.	+	.	.	.	+	+	+	+	+	+	+	+	+	+	13	68
	Symphytum tuberosum	E1	.	.	.	.	.	1	1	.	1	1	1	1	1	1	2	2	1	2	+	13	68
	Sambucus nigra	E3a	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Sambucus nigra	E2b	+	1	1	1	.	.	.	1	+	.	.	+	.	.	.	+	.	.	+	10	53
	Sambucus nigra	E2a	.	1	.	1	+	.	+	.	+	+	+	.	+	+	+	.	.	+	.	11	58
	Polygonatum multiflorum	E1	.	+	+	+	.	+	1	+	.	.	.	.	.	+	+	+	.	.	.	9	47
	Paris quadrifolia	E1	.	.	.	.	.	.	1	+	+	+	+	+	+	1	.	.	.	.	.	8	42
	Asarum europaeum subsp. caucasicum	E1	.	.	.	.	.	2	2	1	+	+	.	.	.	1	1	.	.	.	.	7	37
	Euphorbia dulcis	E1	.	.	.	.	.	1	+	+	+	.	+	.	.	.	+	.	.	+	.	7	37
	Carex sylvatica	E1	.	.	.	.	.	.	.	.	.	+	+	.	+	.	.	1	+	.	+	6	32
	Heracleum sphondylium	E1	.	.	.	.	+	.	.	+	.	.	.	.	+	+	.	+	.	+	.	6	32
	Scrophularia nodosa	E1	+	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	4	21
	Circaea lutetiana	E1	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	.	.	1	3	16
	Petasites albus	E1	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	+	.	.	3	16
	Tilia cordata	E3a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Tilia cordata	E2b	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Tilia cordata	E2a	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Fagus sylvatica	E3a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Fagus sylvatica	E1	+	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Corydalis cava	E1	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Mercurialis perennis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	.	2	11
	Prunus avium	E3b	.	.	.	.	.	.	.	+	.	.	.	.	.	r	.	.	.	.	.	2	11
	Prunus avium	E3a	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Prunus avium	E2a	.	.	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	.	.	2	11
	Prunus avium	E1	.	1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	2	11
	Galium laevigatum	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Neottia nidus-avis	E1	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	1	5
	Campanula trachelium	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
	Actaea spicata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
	Phyteuma spicatum subsp. coeruleum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
QP	***Quercetalia pubescenti-petraeae***																						
	Quercus cerris	E3b	.	.	.	.	.	+	1	.	r	.	.	.	.	.	.	.	.	.	.	3	16

	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	Pr.	Fr.
	Quercus cerris	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	5
	Quercus cerris	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	1	5
	Helleborus odorus subsp. istriacus	E1	.	.	1	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Convallaria majalis	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
QF	***Querco-Fagetea***																						
	Ranunculus ficaria	E1	.	2	1	3	.	1	1	1	1	1	2	2	1	1	+	2	1	1	+	17	89
	Anemone nemorosa	E1	+	1	.	+	.	1	2	2	1	1	2	2	1	2	1	+	2	1	.	16	84
	Acer campestre	E3b	.	.	.	.	.	.	1	.	+	2	.	+	.	.	+	.	+	+	.	7	37
	Acer campestre	E3a	1	.	+	.	1	1	.	+	1	+	.	+	.	.	+	.	.	.	+	10	53
	Acer campestre	E2b	+	.	.	+	1	1	1	+	+	+	1	1	1	.	.	+	.	.	.	12	63
	Acer campestre	E2a	1	+	+	.	+	.	1	1	1	1	1	1	1	1	.	+	.	+	1	15	79
	Acer campestre	E1	.	.	.	+	+	1	.	+	+	+	+	.	.	.	+	.	.	.	.	8	42
	Corylus avellana	E3a	1	.	2	+	.	1	.	+	2	1	1	+	.	.	1	+	.	3	.	12	63
	Corylus avellana	E2b	1	1	1	1	1	1	1	.	1	.	1	1	+	2	1	+	2	.	.	15	79
	Corylus avellana	E2a	.	.	.	.	.	.	+	.	.	1	.	.	.	+	.	+	.	.	+	5	26
	Gagea lutea	E1	.	+	+	.	.	1	+	+	+	.	+	1	+	+	1	+	1	+	.	14	74
	Cerastium sylvaticum	E1	1	+	+	.	.	+	.	+	.	.	.	+	+	.	+	.	.	+	+	10	53
	Hedera helix	E3a	.	+	+	.	+	.	1	+	1	.	+	.	.	.	.	.	.	.	.	7	37
	Hedera helix	E1	.	+	+	+	1	.	1	+	1	+	+	.	.	.	.	.	.	.	.	9	47
	Anemone ranunculoides	E1	.	+	.	.	.	.	.	.	.	.	.	.	+	+	1	+	+	+	.	7	37
	Rosa arvensis	E2a	.	.	.	.	.	.	+	.	+	.	.	.	.	+	+	+	.	.	.	5	26
	Lathraea squamaria	E1	.	.	.	.	.	+	1	.	.	.	.	.	.	+	+	.	.	.	.	4	21
	Listera ovata	E1	.	.	.	.	.	1	1	+	.	+	.	.	.	.	.	.	.	.	.	4	21
	Malus sylvestris	E3b	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	5
	Malus sylvestris	E3a	.	.	.	.	.	.	.	.	.	+	+	.	.	+	+	.	.	.	.	4	21
	Malus sylvestris	E2a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	5
	Malus sylvestris	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	1	5
	Clematis vitalba	E3a	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Clematis vitalba	E2b	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	5
	Pyrus pyraster	E3b	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	2	11
	Pyrus pyraster	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	5
	Pyrus pyraster	E2b	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	2	11
	Pyrus pyraster	E2a	.	.	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	2	11
	Ulmus minor	E3b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
	Ulmus minor	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
	Ulmus minor	E2b	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	2	11
	Ulmus minor	E2a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	1	5
	Ulmus minor	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	5
	Hepatica nobilis	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Carex digitata	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Stellaria holostea	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	1	5
	Betonica officinalis	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	1	5
VP	***Vaccinio-Piceetea***																						
	Aposeris foetida	E1	.	.	.	.	.	+	+	.	+	.	+	+	.	+	+	.	+	+	.	9	47
	Gentiana asclepiadea	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	.	.	.	3	16
	Oxalis acetosella	E1	.	.	.	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Abies alba	E3b	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Abies alba	E2a	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Abies alba	E1	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Carex ornithopoda	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Picea abies	E1	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	5
RP	***Rhamno-Prunetea***																						
	Cornus sanguinea	E3a	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Cornus sanguinea	E2b	.	1	1	1	2	.	.	1	1	+	+	1	1	.	1	.	.	.	+	12	63
	Cornus sanguinea	E2a	1	1	+	1	.	.	+	1	1	1	1	1	1	+	1	.	+	+	+	16	84
	Euonymus europaea	E2b	1	1	.	1	1	.	.	+	.	+	.	.	.	.	.	+	.	.	.	7	37
	Euonymus europaea	E2a	+	1	+	+	.	1	+	+	1	1	+	+	+	+	+	.	.	.	.	14	74
	Euonymus europaea	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	.	.	2	11
	Crataegus monogyna	E3a	.	.	.	.	.	.	.	1	.	.	.	.	+	.	.	+	.	.	+	4	21
	Crataegus monogyna	E2b	.	.	+	1	.	.	+	1	1	.	+	+	2	+	.	1	+	.	+	12	63
	Crataegus monogyna	E2a	.	.	+	.	1	+	.	.	1	1	1	+	1	+	1	+	.	+	+	13	68
	Viburnum opulus	E2b	+	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	16
	Viburnum opulus	E2a	.	.	.	+	2	.	+	+	+	1	.	+	1	+	+	1	+	.	1	13	68
	Prunus spinosa	E2b	.	.	.	+	.	.	.	.	.	.	+	.	.	.	+	.	+	.	.	4	21
	Prunus spinosa	E2a	.	.	.	.	2	.	.	+	1	+	1	+	+	+	.	+	+	.	1	11	58
	Ligustrum vulgare	E2b	.	.	.	.	1	1	.	.	.	+	.	.	1	.	.	.	.	.	.	4	21
	Ligustrum vulgare	E2a	.	.	+	+	.	.	.	+	+	.	+	1	1	+	.	1	.	.	+	10	53
	Rubus fruticosus agg.	E2b	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	5
MuA	***Mulgedio-Aconitetea***																						
	Veratrum album subsp. album	E1	.	.	+	.	.	.	2	1	3	2	1	2	1	2	3	1	2	2	.	13	68
	Aconitum lycoctonum	E1	+	.	.	.	.	.	.	.	.	1	.	.	2	2	2	+	+	1	+	9	47
	Senecio nemorensis	E1	.	.	.	.	.	.	.	.	.	+	+	+	+	.	+	.	.	.	.	5	26
	Senecio ovatus	E1	.	.	.	.	.	.	.	.	.	+	+	.	.	+	.	.	.	.	.	3	16
	Athyrium filix-femina	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	2	11
	Silene dioica	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Aconitum variegatum	E1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Doronicum austriacum	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	1	5
EA	***Epilobietea angustifolii***																						
	Stachys sylvatica	E1	1	1	1	.	.	.	.	.	.	1	1	+	2	+	.	.	.	.	+	9	47

	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	Pr.	Fr.
	Arctium nemorosum	E1	.	.	.	.	.	+	.	.	.	+	+	+	.	.	+	+	+	+	.	8	42
	Arctium minus	E1	+	.	.	.	.	.	.	.	.	.	.	.	+	+	+	.	.	.	.	4	21
	Eupatorium cannabinum	E1	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	2	11
	Galeopsis speciosa	E1	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Fragaria vesca	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	5
TG	***Trifolio-Geranietea***																						
	Campanula rapunculoides	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Lilium bulbiferum	E1	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	1	5
Ca	***Calthion***																						
	Angelica sylvestris	E1	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	+	+	.	3	16
	Caltha palustris	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	5
	Scirpus sylvaticus	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
Mo	***Molinietalia caeruleae***																						
	Cirsium oleraceum	E1	.	+	+	.	.	.	.	.	.	1	+	.	+	.	+	+	+	.	1	9	47
	Colchicum autumnale	E1	.	.	.	.	.	1	+	+	.	.	.	+	+	.	+	1	1	.	.	8	42
	Equisetum palustre	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	+	.	.	2	11
	Cardamine pratensis agg.	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Valeriana dioica	E1	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	1	5
	Cirsium palustre	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	5
FP	***Filipendulo-Petasition***																						
	Filipendula ulmaria	E1	.	.	.	3	.	.	.	.	.	.	.	.	+	.	.	+	+	.	.	4	21
	Valeriana officinalis	E1	.	.	.	+	.	.	.	.	.	.	.	.	1	.	.	.	+	.	.	3	16
PP	***Potentillo-Polygonetalia***																						
	Ranunculus repens	E1	+	+	.	.	.	.	.	.	.	1	+	.	+	.	.	.	1	.	.	6	32
	Barbarea vulgaris	E1	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	+	.	.	.	2	11
MA	***Molinio-Arrhenatheretea***																						
	Deschampsia cespitosa	E1	+	+	+	+	.	+	+	.	.	2	+	+	+	.	+	2	+	.	.	13	68
	Anthriscus sylvestris	E1	.	1	1	.	.	+	.	.	.	+	+	.	+	.	.	.	.	.	.	6	32
	Veronica chamaedrys	E1	.	.	.	+	.	.	.	.	.	+	.	.	+	.	+	+	+	.	.	6	32
	Ajuga reptans	E1	.	.	.	+	.	.	.	.	.	+	.	.	+	.	.	+	+	.	.	5	26
	Muscari botryoides	E1	.	.	.	.	.	.	.	.	+	.	.	.	+	.	+	.	+	1	.	5	26
	Poa trivialis	E1	.	2	2	1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	4	21
	Taraxacum officinale agg.	E1	.	.	.	+	+	.	.	.	.	+	.	.	.	.	.	.	.	.	.	3	16
	Crocus albiflorus	E1	.	.	.	.	.	.	.	.	+	.	.	.	.	+	.	.	+	.	.	3	16
	Dactylis glomerata	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	2	11
	Vicia sepium	E1	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Allium scorodoprasum	E1	.	.	.	1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Veronica serpyllifolia	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Lysimachia nummularia	E1	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Astrantia major	E1	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	1	5
	Galium mollugo	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	1	5
	Prunella vulgaris	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	1	5
PM	***Phragmiti-Magnocaricetea***																						
	Lycopus europaeus s. lat.	E1	.	.	.	+	.	.	.	.	.	+	.	.	+	.	.	+	+	.	1	6	32
	Galium palustre	E1	.	.	.	.	.	.	+	+	.	.	.	.	+	.	.	.	.	.	.	3	16
	Phalaris arundinacea	E1	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Glyceria notata	E1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	1	5
AV	***Artemisietea vulgaris***																						
	Artemisia vulgaris	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Echinops sphaerocephalus	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Silene latifolia subsp. alba	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
GU	***Galio-Urticetea***																						
	Aegopodium podagraria	E1	3	3	3	4	.	3	2	3	3	3	3	2	3	2	3	3	2	3	.	17	89
	Geum urbanum	E1	1	2	2	.	2	1	.	+	.	+	+	+	+	+	+	1	+	.	.	14	74
	Glechoma hederacea	E1	2	1	1	.	.	2	.	+	+	.	.	.	.	+	.	+	.	+	1	10	53
	Alliaria petiolata	E1	1	1	1	1	+	.	+	.	.	.	.	.	+	.	.	.	.	.	.	7	37
	Chaerophyllum aureum	E1	+	.	.	.	.	+	.	.	.	.	.	.	+	.	.	+	.	.	+	5	26
	Galium aparine	E1	.	1	2	1	.	+	.	.	+	.	.	.	.	.	.	.	.	.	.	5	26
	Solidago gigantea	E1	1	1	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	21
	Urtica dioica	E1	1	1	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	21
	Petasites hybridus	E1	+	.	.	.	.	.	.	.	.	+	.	.	.	+	+	.	.	.	.	4	21
	Impatiens glandulifera	E1	.	1	2	+	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	4	21
	Lamium maculatum	E1	.	1	2	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	3	16
	Impatiens parviflora	E1	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Helianthus tuberosus	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Parietaria officinalis	E1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Viola odorata	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
SM	***Stellarietea mediae***																						
	Bromus sterilis	E1	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Chelidonium majus	E1	.	+	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Stellaria media agg.	E1	.	.	+	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	2	11
	Erigeron annuus	E1	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Lapsana communis	E1	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
O	**Other species (Druge vrste)**																						
	Robinia pseudoacacia	E3b	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	2	11
	Robinia pseudoacacia	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	1	5
	Prunus insititia	E3a	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	+	.	2	11
	Hesperis matronalis	E1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5
	Malus domestica	E3a	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	1	5

Table 9: Synoptic table of syntaxa *Pseudostallario-Carpinetum, Pseudostellario-Quercetum roboris* and *Fraxino-Ulmetum effusae quercetosum roboris*
Preglednica 9: Sintezna tabela sintaksonov *Pseudostallario-Carpinetum, Pseudostellario-Quercetum roboris* in *Fraxino-Ulmetum effusae quercetosum roboris*

	Successive number (Zaporedna številka)		1	2	3	4
	Number of relevés (Število popisov)		9	14	11	20
	Sign for syntaxa (Oznaka sintaksona)		PsCbla	PsCb	PeQrla	FUeqr
FpC	***Fraxino pannonicae-Carpinion***					
	Fraxinus angustifolia	E3b	78	.	9	50
	Fraxinus angustifolia	E3a	11	.	.	45
	Fraxinus angustifolia	E2a	56	7	18	40
	Fraxinus angustifolia	E1	33	.	.	45
	Pseudostellaria europaea	E1	44	93	36	.
	Pulmonaria dacica	E1	.	71	64	.
	Gagea spathacea	E1	.	57	.	5
AQr	***Alno-Quercion roboris***					
	Leucojum aestivum	E1	100	.	64	.
AG	*Alnus glutinosa*	E3b	89	36	100	5
AG	*Alnus glutinosa*	E3a	11	.	.	.
AG	*Alnus glutinosa*	E2b	22	7	100	5
AG	*Alnus glutinosa*	E2a	11	.	.	.
	Quercus robur	E3b	78	100	100	80
	Quercus robur	E2b	.	.	.	5
	Quercus robur	E1	22	79	64	25
	Rumex sanguineus	E1	11	7	.	10
AG	*Salix cinerea*	E2b	11	.	9	.
	Clematis viticella	E1	11	.	.	.
	Carex brizoides	E1	.	36	73	.
	Ulmus laevis	E3b	.	4	.	10
	Ulmus laevis	E3a	.	.	.	80
	Ulmus laevis	E2	.	29	.	80
	Ulmus laevis	E1	.	.	.	45
AG	*Carex elongata*	E1	.	.	100	.
	Prunus padus	E3	.	.	.	35
	Prunus padus	E2	.	.	55	65
	Prunus padus	E1	.	.	.	35
	Omphalodes scorpioides	E1	.	.	.	50
	Myosotis sparsiflora	E1	.	.	.	25
AI	***Alnion incanae***					
	Carex remota	E1	100	57	82	5
	Carex pendula	E1	78	21	9	.
	Rubus caesius	E1	22	14	82	90
	Dryopteris carthusiana	E1	11	29	100	15
	Equisetum arvense	E1	11	7	.	20
	Impatiens noli-tangere	E1	.	43	27	10
	Equisetum telmateia	E1	.	21	.	.
	Chrysosplenium alternifolium	E1	.	14	9	5
	Knautia drymeia subsp. intermedia	E1	.	14	.	.
	Frangula alnus	E2	.	7	55	.
	Cardamine impatiens	E1	.	.	9	85
	Festuca gigantea	E1	.	.	9	5
	Humulus lupulus	E2a	.	.	.	25
	Populus alba	E3b	.	.	.	15
	Populus alba	E1	.	.	.	5
SP	***Salicetea purpureae***					
	Salix alba	E3b	33	.	.	5
	Salix fragilis	E3b	11	.	.	.
	Solanum dulcamara	E1	.	.	55	.
	Acer negundo	E3a	.	.	.	10
	Acer negundo	E2b	.	.	.	5
	Acer negundo	E1	.	.	.	10
	Populus nigra	E3b	.	.	.	5
TA	***Tilio-Acerion***					
	Arum maculatum	E1	56	21	.	100
	Staphylea pinnata	E2b	11	.	.	.
	Staphylea pinnata	E2a	11	.	.	.
	Adoxa moschatellina	E1	.	.	.	80
	Corydalis solida	E1	.	.	.	60
	Geranium robertianum	E1	.	.	.	10
	Ulmus glabra	E3b	.	.	.	5
	Acer platanoides	E3b	.	.	.	5
	Acer platanoides	E2a	.	.	.	5
EC	***Erythronio-Carpinion***					
	Ranunculus aesontinus	E1	100	.	.	.
	Erythronium dens-canis	E1	56	.	.	.
	Crocus vernus subsp. vernus	E1	44	57	.	10
	Ornithogalum pyrenaicum	E1	33	.	.	.

	Successive number (Zaporedna številka)		1	2	3	4
	Galanthus nivalis	E1	22	.	.	5
	Primula vulgaris	E1	22	.	.	.
	Helleborus odorus	E1	11	.	.	5
	Lonicera caprifolium	E2a	11	.	9	10
	Epimedium alpinum	E1	.	7	.	.
AF	***Aremonio-Fagion***					
	Lamium orvala	E1	89	.	.	.
	Cardamine trifolia	E1	11	14	.	.
	Hacquetia epipactis	E1	.	14	.	.
	Isopyrum thalictroides	E1	.	7	.	.
	Knautia drymeia	E1	.	.	.	5
FS	***Fagetalia sylvaticae***					
	Allium ursinum	E1	100	.	.	30
	Carpinus betulus	E3b	56	86	64	25
	Carpinus betulus	E3a	100	86	.	70
	Carpinus betulus	E2b	44	64	55	30
	Carpinus betulus	E1	33	57	.	40
	Galeobdolon montanum	E1	67	71	18	70
	Paris quadrifolia	E1	67	80	27	.
	Symphytum tuberosum	E1	67	57	.	65
	Viola reichenbachiana	E1	67	7	.	25
	Polygonatum multiflorum	E1	56	100	18	10
	Carex sylvatica	E1	33	57	18	50
	Lilium martagon	E1	33	.	.	.
	Mercurialis perennis	E1	33	14	.	.
	Pulmonaria officinalis	E1	33	36	.	5
	Cardamine bulbifera	E1	11	50	.	.
	Sambucus nigra	E3a	.	.	.	5
	Sambucus nigra	E2a	11	7	.	75
	Euphorbia dulcis	E1	.	57	.	25
	Leucojum vernum	E1	.	36	45	85
	Circaea lutetiana	E1	.	29	55	.
	Daphne mezereum	E2a	.	29	.	95
	Scrophularia nodosa	E1	.	29	27	40
	Galium odoratum	E1	.	29	.	.
	Asarum europaeum subsp. europaeum	E1	.	21	.	25
	Brachypodium sylvaticum	E1	.	14	.	85
	Fraxinus excelsior	E3b	.	14	.	.
	Dryopteris filix-mas	E1	.	7	.	.
	Prunus avium	E2b	.	.	43	100
	Tilia cordata	E2b	.	.	9	10
	Galeobdolon flavidum	E1	.	.	.	65
	Heracleum sphondylium	E1	.	.	.	45
	Corydalis cava	E1	.	.	.	25
	Salvia glutinosa	E1	.	.	.	15
	Melica nutans	E1	.	.	.	5
	Ranunculus lanuginosus	E1	.	.	.	5
QF	***Querco-Fagetea***					
	Anemone nemorosa	E1	89	86	36	25
	Ranunculus ficaria	E1	89	50	27	70
	Hedera helix	E3a	44	.	.	.
	Hedera helix	E1	67	14	.	10
	Corylus avellana	E3a	11	.	.	10
	Corylus avellana	E2b	66	93	91	10
	Corylus avellana	E1	.	.	.	5
	Acer campestre	E3	22	43	9	25
	Acer campestre	E2b	56	64	27	15
	Acer campestre	E1	56	7	9	30
	Ruscus aculeatus	E1	56	.	.	.
	Ulmus minor	E3b	44			
	Ulmus minor	E3a	67	.	27	.
	Ulmus minor	E2b	67			
	Ulmus minor	E2a	100	.	18	5
	Ulmus minor	E1	.	.	.	5
	Vinca minor	E1	44	.	.	.
	Anemone ranunculoides	E1	33	7		80
	Carex pilosa	E1	22	7	.	.
	Listera ovata	E1	22	.	.	35
	Malus sylvestris	E3a	11	.	.	.
	Scilla bifolia	E1	11	7	.	.
	Cerastium sylvaticum	E1	.	14	18	25
	Clematis vitalba	E2	.	.	.	10
	Rubus hirtus	E2a	.	36	.	.
	Viola riviniana	E1	.	21	.	.
	Moehringia trinervia	E1	.	14	.	70
	Pyrus pyraster	E3b	.	14	.	.
	Pyrus pyraster	E2b	.	.	18	.
	Pteridium aquilinum	E1	.	14	.	.

	Successive number (Zaporedna številka)		1	2	3	4
	Galium sylvaticum	E1	.	7	.	.
	Stellaria holostea	E1	.	7		.
	Campanula persicifolia	E1	.	7	.	15
	Ranunculus auricomus	E1	.	.	36	.
	Gagea lutea	E1	.	.	.	40
	Cruciata glabra	E1	.	.	.	10
	Veronica officinalis	E1	.	.	.	5
VP	***Vaccinio-Piceetea***					
	Oxalis acetosella	E1	.	50	9	10
	Gentiana asclepiadea	E1	.	36	.	.
	Luzula pilosa	E1	.	36	.	.
	Aposeris foetida	E1	.	14	.	.
	Maianthemum bifolium	E1	.	7	.	5
	Abies alba	E2	.	7	.	.
RP	***Rhamno-Prunetea***					
	Crataegus laevigata	E2b	89	50	91	20
	Euonymus europaea	E2a	56	36	55	85
	Viburnum opulus	E2a	56	50	82	5
	Ligustrum vulgare	E2b	33	14	45	30
	Crataegus monogyna	E3a		.	.	5
	Crataegus monogyna	E2b	22	.	18	40
	Cornus sanguinea	E3a		.	.	5
	Cornus sanguinea	E2b	11	36	18	65
	Viburnum lantana	E2b		7	.	.
	Prunus spinosa	E2b		.	18	.
	Berberis vulgaris	E2a		.	9	.
EA	***Epilobietea angustifolii***					
	Fragaria vesca	E1	.	14	.	5
	Stachys sylvatica	E1	.	7	64	65
	Galeopsis pubescens	E1	.	.	.	30
	Galeopsis speciosa	E1	.	.	.	30
	Carex divulsa	E1	.	.	.	5
MuA	***Mulgedio-Aconitetea***					
	Athyrium filix-femina	E1	11	86	73	15
	Milium effusum	E1	.	29	.	10
	Stellaria nemorum	E1	.	14	.	.
	Doronicum austriacum	E1	.	7	9	.
	Veratrum album s. lat.	E1	.	.	36	.
	Senecio nemorensis	E1		.	.	5
Ca	***Calthion***					
	Caltha palustris	E1	56	21	91	5
MC	*Cardamine amara*	E1	22	.	9	.
	Angelica sylvestris	E1	11	21	27	.
	Myosotis scorpioides	E1	11	29	100	.
	Crepis paludosa	E1	.	21	73	.
	Scirpus sylvaticus	E1	.	7	.	.
Mo	***Molinietalia caeruleae***					
	Colchicum autumnale	E1	56	.	.	55
	Valeriana dioica	E1	33	29	91	.
	Cardamine pratensis	E1	11	50	18	.
	Galium uliginosum	E1	.	14	.	.
CD	*Orchis palustris*	E1	.	7	.	.
	Equisetum palustre	E1	.	7	.	.
	Fritillaria meleagris	E1	.	7	.	.
	Juncus effusus	E1	.	7	82	.
	Viola uliginosa	E1	.	.	27	.
CD	*Dacytlorhiza maculata*	E1	.	.	9	.
	Cirsium oleraceum	E1	.	.	9	5
	Juncus conglomeratus	E1	.	.	9	.
	Selinum carvifolia	E1	.	.	.	10
FP	***Filipendulo-Petasition***					
	Filipendula ulmaria	E1	22	7	64	20
	Mentha aquatica	E1	11	.	.	.
	Lysimachia vulgaris	E1		.	45	.
	Hypericum tetrapterum	E1	.	.	9	.
	Stachys palustris	E1	.	.	9	.
PP	***Potentillo-Polygonetalia***					
	Ranunculus repens	E1	11	29	.	.
	Rumex conglomeratus	E1	.	.	18	.
	Agrostis stolonifera	E1		.	.	5
	Duchesnea indica	E1		.	.	5
MA	***Molinio-Arrhenetheretea***					
	Ajuga reptans	E1	56	71	36	60
	Deschampsia cespitosa	E1	33	29	9	30
	Lysimachia nummularia	E1	11	14	55	35
	Veronica chamaedrys	E1	.	29	.	10
	Prunella vulgaris	E1	.	7	.	.
	Veronica serpyllifolia	E1	.	7	.	.
	Lychnis flos-cuculi	E1	.	7	27	.
	Anthriscus sylvestris	E1	.	.	9	15

	Successive number (Zaporedna številka)		1	2	3	4
	Poa trivialis	E1	.	.	.	40
	Ornithogalum umbellatum	E1	.	.	.	35
	Taraxacum officinale	E1	.	.	.	15
	Dactylis glomerata	E1	.	.	.	10
	Rumex acetosa	E1	.	.	.	10
TG	***Trifolio-Geranietea***					
	Vincetoxicum hirundinaria	E1		7	.	.
	Viola hirta	E1	.	.	.	55
PM	***Phragmiti-Magnocaricetea***					
	Carex elata	E1	22	.	27	.
	Carex otrubae	E1	11	.	.	.
	Galium palustre	E1	11	.	27	.
	Iris pseudacorus	E1	11	7	82	.
	Lycopus europaeus	E1	11	7	73	.
	Carex riparia	E1	.	14	9	.
	Peucedanum palustre	E1	.	.	100	5
	Carex vesicaria	E1	.	.	73	15
	Galium elongatum	E1	.	.	36	.
	Allisma plantago-aquatica	E1	.	.	18	.
	Carex acutiformis	E1	.	.	18	15
	Phalaris arundinacea	E1		.	9	.
	Leersia oryzoides	E1	.	.	.	5
FC	***Filipendulo-Convolvuletea***					
	Rudbeckia laciniata	E1	.	.	.	50
	Calystegia sepium	E1	.	.	.	15
GU	***Galio-Urticetea***					
	Aegopodium podagraria	E1	33	57	9	85
	Glechoma hederacea	E1	22	71	36	10
	Urtica dioica	E1	11	7	.	70
	Geum urbanum	E1	.	21	18	85
	Lamium maculatum	E1	.	21	9	45
	Alliaria petiolata	E1	.	7	.	45
	Impatiens parviflora	E1	.	7	.	.
	Galium aparine	E1	.	.	9	95
	Stellaria neglecta	E1	.	.	.	80
	Solidago gigantea	E1	.	.	.	60
	Impatiens glandulifera	E1	.	.	.	45
	Silene latifolia subsp. alba	E1	.	.	.	20
	Chaerophyllum aureum	E1	.	.	.	10
SM	***Stellarietea mediae***					
	Ranunculus arvensis	E1	.	36	.	.
	Galeopsis tetrahit	E1	.	14	.	.
	Polygonum persicaria	E1	.	14	.	.
	Convolvulus arvensis	E1	.	7	.	.
	Cardamine hirsuta	E1	.	.	9	.
	Veronica hederifolia	E1	.	.	.	80
	Erigeron annuus	E1	.	.	.	35
	Aristolochia clematitis	E1	.	.	.	15
	Chelidonium majus	E1	.	.	.	5
	Lapsana communis	E1	.	.	.	5
O	**Other species (Druge vrste)**					
	Spiraea japonica	E2a	33	.	.	.
	Prunus insititia	E2a	33	.	.	.
	Quercus rubra	E3b	11	.	.	.
	Robinia pseudoacacia	E3b	11	.	.	75
	Robinia pseudoacacia	E2b	.	.	.	15
	Robinia pseudoacacia	E1	.	.	.	5
	Mentha sp.	E1	.	.	18	.
	Polygonum amphybium	E1	.	.	9	.
Ml	**Mosses (Mahovi)**					
	Plagiomnium undulatum	E0	22	50	100	15
	Atrichum undulatum	E0	.	7	.	.
	Eurchynchium striatum	E0	.	7	18	.
	Polytrichum formosum	E0	.	7	27	.
	Mnium seligeri	E0	.	.	18	.
	Cirriphylum piliferum	E0	.	.	27	.
	Homalia trichomanioides	E0	.	.	27	.
	Rhyzomnium punctatum	E0	.	.	27	.
	Brachytecium rutabulum	E0	.	.	36	.
	Plagiomnium affine	E0	.	.	55	.
	Plagiothecium sylvaticum	E0	.	.	55	.
	Hypnum cupressiforme	E0	.	.	73	.
	Plagoimnium cuspidatum	E0	.	.	73	.
	Calliergonella cuspidata	E0	.	.	100	.

PsCbla *Pseudostellario-Carpinetum betuli leucojetosum aestivi*, Lijak, this article, Table 7, relevés 1–9
PsCb *Pseudostellario-Carpinetum betuli*, Krakovski gozd, Accetto (1973, 1974)
PsQrla *Pseudostellario-Quercetum roboris leucojetosum aestivi*, Southeastern Slovenia, Accetto (1995, Table 2)
FUeqr *Fraxino-Ulmetum effusae quercetosum roboris*, the Mura region (Pomurje), P. Košir et al. (2013, Table 1, relevés 39–58).

Table 10: Groups of diagnostic species in the syntaxa *Pseudostallario-Carpinetum, Pseudostellario-Quercetum roboris* and *Fraxino-Ulmetum effusae quercetosum roboris*
Preglednica 10: Skupine diagnostičnih vrst v sintaksonih *Pseudostallario-Carpinetum, Pseudostellario-Quercetum roboris* in *Fraxino-Ulmetum effusae quercetosum roboris*

Successive number (Zaporedna številka)	1	2	3	4
Number of relevés (Število popisov)	9	14	11	20
Sign for syntaxa (Oznaka sintaksona)	PsCbla	PsCb	PeQrla	FUeqr
Fraxino pannonicae-Carpinion	**5,6**	**6,3**	3,3	3,8
Alno-Quercion roboris	**9**	**8,2**	**17,2**	**11,5**
Alnion incanae	**5,6**	**6,2**	**9,9**	**5,8**
Salicetea purpureae	1,1	0	1,4	0,7
Tilo-Acerion	2,0	0,6	0	**5,5**
Erythronio-Carpinion	**7,6**	1,8	0,2	0,6
Aremonio-Fagion	2,3	0,1	0	0,1
Fagetalia sylvaticae	**20,6**	**28,5**	**9,8**	**23,3**
Querco-Fagetea	**25**	**14,1**	**8,2**	**10,4**
Vaccinio-Piceetea	0	**4,1**	0,2	0,3
Rhamno-Prunetea	**6,8**	**5,3**	**8,7**	**5,3**
Epilobietea angustifolii	0	0,6	1,7	2,8
Mulgedio-Aconitetea	0,3	3,7	3,0	0,6
Calthion	2,5	2,7	**7,7**	0,1
Molinietalia caeruleae	2,5	3,3	**6,3**	1,5
Filipendulo-Petasition	0,8	0,2	3,3	0,4
Poltentillo-Polygonetalia	0,6	0,8	0,5	0,2
Molinio-Arrhenetheretea	2,3	**4,5**	3,5	**5,4**
Trifolio-Geranietea	0	0,2	0	1,1
Phragmiti-Magnocaricetea	1,7	0,8	**12,2**	0,8
Filipendulo-Convolvuletea	0	0	0	1,3
Galio-Urticetea	1,7	**5,2**	2,1	**13,5**
Stellarietea mediae	0	2,0	0,2	2,9
Other species (Druge vrste)	2,2	0	0,7	2,0
Total (Skupaj)	100,0	100	100	100

PsCbla *Pseudostellario-Carpinetum betuli leucojetosum aestivi*, Lijak, this article, Table 7, relevés 1–9
PsCb *Pseudostellario-Carpinetum betuli*, Krakovski gozd, Accetto (1973, 1974)
PsQrla *Pseudostellario-Quercetum roboris leucojetosum aestivi*, Southeastern Slovenia, Accetto (1995, Table 2)
FUeqr *Fraxino-Ulmetum effusae quercetosum roboris*, the Mura region (Pomurje), P. Košir et al. (2013, Table 1, relevés 39–58).