

Index florae Bosnae et Hercegovinae (Part 7)

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INTRODUCTION

The seventh contribution to the Index of Flora of Bosnia and Herzegovina is a continuation of ongoing activities related to revising the national database of floristic content. Activities on the registration, taxonomic, and nomenclatural harmonizing previously recorded and newly discovered taxa of autochthonous and allochthonous flora began in 2014. Through six contributions published in the Herald of the National Museum of Bosnia and Herzegovina, 7 families (Fabaceae, Brassicaceae, Lamiaceae, Poaceae, Violaceae, Liliaceae and Rhamnaceae), 243 genera, 926 species, 241 subspecies, and 10 hybrid species have been processed so far (Mišić & Šoljan, 2014; Bjelčić & Šoljan, 2015; Šilić & Šoljan, 2018; Sarajlić & Šoljan, 2020; Kutleša et al., 2022; Šilić et al., 2024).

The seventh appendix, based on a comprehensive analysis of available literary sources (see Literature), details the two families Ulmaceae and Salicaceae.

Within the Ulmaceae family, 3 genera were treated: the genus *Celtis* L., with 2 autochthonous species and 1 cultivated species; genus *Ulmus* L., with 3 autochthonous species, 2 subspecies and 1 cultivated species; and genus *Zelkova*, with 1 cultivated species.

The Salicaceae family is represented by 2 genera: *Populus* L., with 5 autochthonous species (3 species and 2 nothospecies), 4 subspecies and 11 cultivated species (8 species and 3 nothospecies); and *Salix* L., with 20 autochthonous species (18 species and 2 nothospecies), 9 cultivated species (6 species and 3 nothospecies), and 8 subspecies (6 subspecies and 2 cult. subspecies).

According to the previously established methodology, the following details are given for each taxon:

- the botanical name of the genus, authority, and common name(s) in vernacular languages and English;
- the botanical name of the taxa, authority, and first publication;
- synonyms, where applicable;
- the nomenclature according to the Euro+MedPlant-Base (Euro+Med, 2006+) and the World Flora Online (WFO 2024). Exceptions are the cases of: *Ulmus minor* subsp. *tortuosa* (Host) Janjić, *Populus x hybrida* M.Bieb., *P. tremula* subsp. *tremula*, *P. tremula* subsp. *freynii* (Hervier) Janjić, *Salix purpurea* subsp. *purpurea*, *S. purpurea* subsp. *lambertiana* (Sm.) A. Neumann ex Rech., *S. triandra* subsp. *discolor* (Wimm. & Grab.) Arcang. and *S. x wichurae* Pokorny, where the author Janjić's point of view was respected;
- conservation status at the EU biogeographical level as indicated by the IUCN Red List (IUCN, 2025)¹ and within Bosnia and Herzegovina using the Red List of Vascular Flora for the Federation of B&H (Đug et al., 2013)² and Republika Srpska (Uredba o Crvenoj listi zaštićenih vrsta flore i faune Republike Srpske – Lista vaskularne flore, 2012)²;
- within the family, the genera and the species within each genus are listed alphabetically.

INDEX PART 7:

ULMACEAE MIRB. ELÉM. PHYSIOL. VÉG. BOT. 2: 905. (1815)

CELTIS L., SP. PL.: 1043. (1753) /*SEE REMARK/ – **KOPRIVIĆ, KOŠČELA (HAKBERRY, NETTLE TREE)**

(LC¹) **australis L.**, Sp. Pl. 1043. (1753)

cult. **occidentalis L.**, Sp. Pl. 1044. (1753) (= *C. audibertiana* Spach, *C. canina* Raf., *C. cordata* Pers., *C. crassifolia* Lam., *C. floridana* Raf., *C. longifolia* Nutt., *C. parvifolia* Raf., *C. procera* Salisb., *C. pumila* Pursh, *C. scabra* Dippel, *C. urticifolia* Raf.)

(LC¹, VU²) **tournefortii Lam.**, Encycl. 4: 138. (1797)

ULMUS L., SP. PL.: 225. (1753) – **BRIJEST (ELM)**

(VU¹) **glabra Huds.**, Fl. Angl.: 95 (1762) (= *U. montana* With., *U. scabra* Mill., *U. sukaczewii* Andronov)

(DD¹) **laevis Pall.**, Fl. Ross. 1 (1): 75 (1784) (= *U. effusa* Willd., *U. pedunculata* Foug.)

(DD¹) **minor Mill.**, Gard. Dict., ed. 8. no. 6 (1768) (= *U. glabra* Mill., non Huds., *U. foliacea* Gilib., *U. nitens* Moench, *U. campestris* auct., non L.)

subsp. **minor**

subsp. **tortuosa (Host) Janjić**, Rad. Šum. Fak. Sar. 26. 3-4: 59 (1984) (= *U. tortuosa* Host., *U. pilifera* Borbás, *U. procera* Salisb. ex Hayek, *U. canescens* Melville)

cult. **pumila L.**, Sp. Pl.: 226 (1753)

ZELKOVA SPACH, IN ANN. SCI. NAT., BOT., SER. 2 15: 356. (1841) – **ZELKOVA (ZELKOVA, FALSE ELM)**

cult. **carpinifolia (Pall.) K. Koch**, in Linnaea 22: 598. (1849) (= *Rhamnus carpinifolia* Pall., *Zelkova carpinifolia* subsp. *yomraensis* Anşin & Gerçek)

SALICACEAE MIRB. ELÉM. PHYSIOL. VÉG. BOT. 2: 905. (1815)

POPULUS L., SP. PL.: 1034. (1753) – **TOPOLA (POPLAR, ASPEN, COTTONWOOD)**

cult. **afghanica C. K. Schneid.**, Pl. Wilson. (Sargent) 3(1): 36. 1916 [8 May 1916] (= *P. kanjilaliana* subsp. *usbekistanica* Poljakov, *P. nigra* var. *afghanica* Aitch. & Hemsl.)

(LC¹) **alba L.**, Sp. Pl.: 1034. (1753) (= *P. bolleana* Lauche, *P. major* Mill., *P. nivea* Willd., *P. pseudonivea* Grossh.)

cult. **x berolinensis Dippel**, Handb. Laubholzk. 2: 210 (1892) (= *P. laurifolia* Ledeb. x *P. nigra* L. cv. *Italica*, *P. certinensis* hort. ex Schmidt)

cult. **canadensis Moench**, - unresolved status, Verz. Ausland. Bäume: 81 (1785)

x canescens (Aiton) Sm., Fl. Brit. 3: 1080 (1804) (= *P. alba* L. x *P. tremula* L. subsp. *tremula*, *P. albo-tremula* E. H. L. Krause, *P. bachoefenii* Wierzb. Ex Rchb., *P. denudata* A. Braun ex Hartig, *P. hybrida* Rchb.)

cult. **x candicans Aiton**, Hort. Kew. 3: 406 (1789) (= *P. balsamifera* x *P. deltoides*, *P. balsamifera* f. *candicans* (Aiton) B.Boivin, *P. balsamifera* var. *candicans* (Aiton) A.Gray, *P. tacamahacca* var. *candicans* Stout)

cult. **cathayana Rehder**, J. Arnold Arbor. 12: 59 (1931)

cult. **deltoides W.Barram ex Marschall**, Arbust. Amer.: 106 (1785) (= *P. angulata* Aiton, *P. caroliensis* Moench, *P. monilifera* Aiton, *P. palmeri* Sarg., *P. virginiana* Foug.)

cult. **x jackii Sarg.** Trees & Shrubs 2:212 (1913) (= *P. balsamifera* L. x *P. deltoides* Marschall, *P. gileadensis* Rouleau)

cult. **heterophylla L.**, Sp. Pl.: 1034 (1753)

(VU) **x hybrida M.Bieb.**, Fl. Taur.-Caucas. 2: 423 (1808), emend. Janjić (1980) (= *P. alba* L. x *P. tremula* L. subsp. *freynii* /Hervier/ Janjić, *P. bachofenii* Reichenb. non Wierzb., *P. steiniana* Bornm., *P. rogalinensis* Wróbl.)

(DD¹) **nigra L.**, Sp. Pl.: 1034 (1753) (= *P. caudina* Ten., *P. dilatata* Aiton., *P. flexibilis* Rozier, *P. italica* Du Roi, *P. neapolitana* Ten., *P. pyramidalis* Rozier, *P. sosnowskyi* Grossh., *P. thevestina* Dode)

subsp. **nigra**

(LC) subsp. **neapolitana Ten. Asch. & Graebn.**, Syn. Mitteleur. Fl. 4: 36, 37 (1908) (= *P. neapolitana* Ten., *P. x neapolitana* Ten. - Etiam cultivata: "Kakanjska topola", *P. nigra* L. subsp. *caudina* /Ten./ Bugala)

cult. **simonii** Carrière, Rev. Hort. (Paris) 1867: 360 (1867) (= *P. balsamifera* var. *simonii* (Carrière) Wesm., *P. laurifolia* var. *simonii* (Carrière) Regel, *P. suaveolens* var. *przewalskii* (Maxim.) C.K.Schneid., *P. przewalskii* Maxim.)

(LC¹) **tremula** L., Sp. Pl.: 1034 (1753) (= *Populus schischkinii* Grossh.) subsp. **tremula** (= *P. tremula* L. var. *genuina* A. Wesm., *P. tremula* L. var. *villosa* (Láng) Niman) (LC) subsp. **freyinii** (Harvier) Janjić, Rad. Šum. Fak. Inst. Šum. Sar. 25, 1-2: 51 (1980) (= *P. tremula* L. var. *freyinii* Hervey, *P. sylvicola* Dode)

cult. **trichocarpa** Torr. & A.Gray ex Hook., Icon. Pl. 9: t. 878. (1851) [1852 publ. Apr-Dec 1851] (= *P. balsamifera* subsp. *trichocarpa* (Torr. & A.Gray) Brayshaw, *P. balsamifera* subsp. *californica* S.Watson)

cult. **yunnanensis** Dode, Bull. Soc. Hist. Nat. Autun 18: 221. (1905)

SALIX L. SP. PL.: 1015 (1753) – V R B A (WILLOW, OSIER)

(LC¹) **alba** L., Sp. Pl.: 1021 (1753) (= *S. caerulea* Sm., *S. micans* Andersson, *S. pallida* Salib., *S. pameachiana* Barratt, *S. regalis* hort ex Wesm., *S. vitellina* L.)

cult. subsp. **vitellina** (L.) Arcangeli, Comp. Fl. Ital.: 626 (1882)

cult. **x americana** hort. ex Schwerin - unresolved status, Mitt. Deutsch. Dendr. Ges. 28: 330 (1919)

(LC¹) **appendiculata** Vill., Hist. Pl. Dauphiné 3 (2): 775 (1789) (= *S. grandiflora* Ser.)

(LC) **aurita** L., Sp. Pl.: 1019 (1753) (= *S. rugosa* Ser.)

cult. **babylonica** L., Sp. Pl.: 1017 (1753) (= *S. annularis* J. Forbes, *S. pendula* Moench, *S. perpendens* Ser. ex Dippel)

(LC¹) **caprea** L., Sp. Pl.: 1020 (1753) (= *S. coetanea* Flod., *S. tomentosa* Ser.)

(LC¹) **cinerea** L., Sp. Pl.: 1021 (1753) (= *S. acuminata* Mill., *S. aurita* var. *cinerea* (L.) Fiori)

cult. **daphnoides** Vill., Prosp. Hist. Pl. Dauphiné: 51. (1779) /??see remark / (= *S. pomeranica* Willd.)

(LC¹) **eleagnos** Scop., Fl. Carniol. ed. 2, 2: 257 (1772) (= *S. incana* Schrank, *S. angustifolia* Poir.)

subsp. **eleagnos**

cult. subsp. **angustifolia** (Cariot & St.-Lag.) Rech. f. Österr. Bot. Z. 104: 314 (1957)

(LC¹) **fragilis** L., Sp. Pl.: 1017 (1753) /??see remark, = *S. euxina* I. V. Belyaeva / (= *S. fragilior* Host)

(LC¹, VU²) **glabra** Scop., Fl. Carniol. ed. 2, 2: 255 (1772) (= *S. coruscans* Willd., *S. wulfeniana* Willd.)

(VU) **hastata** L., Sp. Pl.: 1017 (1753) (= *S. cerasifolia* Schleich. ex Spreng., *S. elegans* Host, *S. malifolia* Sm., *S. serrulata* Willd.)

subsp. **hastata**

cult. **humboldtiana** Willd., Sp. Pl., ed. 4, 4: 657 (1805) (= *S. chilensis* var. *crispa* Stuck ex Seckt, *S. stipulacea* M. Martenes & Galeotti)

cult. **integra** Thunb., Syst. Veg., ed. 14 (J. A. Murray). 880. (1784) [May-Jun 1784] (= *S. purpurea* var. *mulinervis* (Franch. & Sav.) Matsum., *S. purpurea* var. *mulinervis* K.C.Schneid.)

cult. **matsudana** Koidz., in. Bot. Mag. (Tokyo) 29: 312 (1915), (cv. Tortuosa)

cult. **myrsinifolia** Salisb., Prodr. Stirp. Chap. Allerton: 394. (1796) /??see remark / (= *S. nigricans* Sm.)

cult. **x pendulina** Wender., Schriften Ges. Beförd. Gesamten Naturwiss. Marburg 2: 235 (1831) (= *S. babylonica* x *S. fragilis*, *S. blanda* Andersson, *S. elengatissima* K.Koch)

cult. **x pendulina notof. x salamonii** (Carrière) I.V.Belyaeva, Skvortsovia 4(2): 50. (2018) (= *S. chrysocoma* Dode, *S. alba* L. var. *vitellina-tristis* Ser., *S. sepulcralis* Simonk.)

(LC¹, VU²) **pentandra** L., Sp. Pl.: 1016 (1753) (= *S. laurifolia* Wesm., *S. pentandrifolia* Sennikov)

(LC¹) **purpurea** L., Sp. Pl.: 1017 (1753) (= *S. caesifolia* Drobow, *S. carniolica* Host, *S. helix* L., *S. olivacea* Thuill.)

subsp. **purpurea**

subsp. **lambertiana** (Sm.) Rech. f. in Österr. Bot. Z. 110: 341 (1963) (= *S. purpurea* L. var. *latifolia* Kern.)

(LC) **retusa** L., Syst. Nat. ed. 10: 1287 (1759) (= incl. *S. kitaibeliana* Willd., *Salix retusa* subsp. *eu-retusa*, nom. inval.)

(EN²) **rosmarinifolia** L., Sp. Pl.: 1020 (1753) (= *S. pallida* J.Forbes, *S. repens* L. subsp. *rosmarinifolia* (L.) Wimm. & Grab.)

x rubens Schrank, Baier. Fl. 1: 226 (1789) /??see remark, = *S. x fragilis* / (= *S. alba* L. x *S. fragilis* L., *S. russeliana* Willd., *S. viridis* Fr)

(VU) **serpillifolia** Scop., Fl. Carniol. ed. 2, 2: 255 (1772) (= *S. retusa* subsp. *serpillifolia* (Scop.) Arcang., *S. repens* subsp. *serpillifolia* (Scop.) Hayek.)

(LC¹) **silesiaca** Willd., Sp. Pl., ed 4, 4: 660 (1806) (= *S. silesiaca* subsp. *bosniaca* (Beck) Hayek, *S. silesiaca* var. *lasiocarpa* Wimm.)

(LC¹) **triandra** L., Sp. Pl.: 1016 (1753) (= *S. amygdalina* L.)

subsp. **triandra**

subsp. **discolor** (Wimm. & Grab.) Arcang., Comp. Fl. Ital.: 626 (1882)

(LC¹) **viminalis** L., Sp. Pl.: 1021 (1753) (= *S. linearis* Turcz., *S. longifolia* Lam., *S. russica* Nasarow, *S. veriviminalis* Nasarow)

(LC¹) **waldsteiniana** Willd., Sp. Pl., ed 4, 4: 679 (1806) (= *S. prunifolia* Sm., *S. arbuscula* L. subsp. *waldsteiniana* (Willd.) J.Braun)

x wichurae Pokorny, - unresolved status, Oesterr. Holz Pfl. 97 (1864) (= *S. eleagnos* Scop. x *S. purpurea* L.)

ABBREVIATIONS AND SYMBOLS

(cult.) – cultivated

(DD) – data deficient

(LC) – least concern

(VU) – vulnerable

¹Conservation status at the EU biogeographical level (IUCN, 2025)

²Conservation status within Bosnia and Herzegovina according to the Red List of Vascular Flora for the Federation of B&H (Đug et al., 2013) and Republika Srpska (Uredba o Crvenoj listi zaštićenih vrsta flore i faune Republike Srpske – Lista vaskularne flore, 2012)

* The belonging of the genus *Celtis* to the family Ulmaceae is aligned with Euro+Med PlantBase (2006+), although World Flora Online (WFO) (2024) classifies this genus within the family Cannabaceae.

** Marchenko & Kuzovkina (2022) state that the replacements of the species *Salix fragilis* with *S. euxina* and the nothospecies *S. x rubens* with *S. x fragilis* by Belyaeva (2009), which were also accepted

by Euro+Med (2006) and the WFO (2024), were incorrect and led to nomenclatural disorder and confusion. Therefore, they propose to continue using the traditional name of the species *S. fragilis*, and to use the name *S. x rubens* for its hybrid with the species *S. alba*. This approach is the one accepted in this work.

?? The natural habitats of *S. daphnoides* Vill. and *S. myrsinifolia* Salisb. have not been confirmed in B&H.

REFERENCES AND LITERATURE

- Bašić, N., Pustahija F., Boškailo A. & Muratović E. 2024. A Survey of Alien Dendroflora of Bosnia and Herzegovina. South-east Eur. for. 15(2): 225-232. <https://doi.org/10.15177/see-for.24-20>.
- Beck von Mannagetta, G. 1906a. Flora Bosne, Hercegovine i Novopazarskog Sandžaka 2(1). GZM BiH, 18(1): 70-74.
- Beck von Mannagetta, G. 1906b. Flora Bosne, Hercegovine i Novopazarskog Sandžaka 2(2). GZM BiH, 18(2): 137-138.
- Belyaeva, I.V. 2009. Nomenclature of *Salix fragilis* L. and a new species, *S. euxina* (Salicaceae). Taxon 58: 1344-1348. <https://doi.org/10.1002/tax.584021>
- Bjelčić, Ž. & Šoljan, D. 2015. Index florae Bosnae et Hercegovinae, Part 2. GZM BiH, P.N., n.s., 35: 65-76.
- Bugala, W. 1960. Krytyczny przegląd odmian geograficznych i mieszańcow *Populus alba* L. oraz studia nad tym gatunkiem w dolinie Wisły. Arbor. Kórn., 5: 5-138.
- Bugala, W. 1967. Systematyka euroazjatyckich topoli z grupy *Populus nigra* L. Arbor. Kórn., 12: 45-219.
- Uredba o Crvenoj listi zaštićenih vrsta flore i faune Republike Srpske – Lista vaskularne flore, 2012. <http://nasljedje.org/docs/crvenalista/uredba+crvenalista.pdf> (Accessed 12/2024).
- Đug, S., Muratović, E., Drešković, N., Boškailo, A. & Dudević, S. 2013. Crvena lista flore Federacije Bosne i Hercegovine, Nacrt izveštaja - Prijedlog, knjiga 2. EU „Greenway“, Sarajevo, pp. 345.
- Euro+Med, 2006-. Euro+Med PlantBase - the information resource for Euro-Mediterranean plant diversity. <http://ww2.bgbm.org/EuroPlusMed/> (Accessed 12/2024).
- Fukarek, P. 1959. Pregled dendroflore Bosne i Hercegovine. Narodni šumar, 12(5-6): 263-286.
- Fukarek, P. & Janjić, N. 1974. Prilog poznavanju sive topole u Bosni i Hercegovini. ANU BiH, Radovi, LIV, 15: 61-75.
- IUCN, 2025. The IUCN Red List of Threatened Species. Verssion 2024- 2, <https://www.iucnredlist.org> (Accessed 01/2025).
- Janjić, N. 1966. Prilog poznavanju nesamonikle dendroflore Sarajeva i okoline. ANU BiH, Radovi, XXIX, Odjelj. Prir.-tehn. nauka, 9: 115-186.
- Janjić, N. 1976. Prilog poznavanju domaćeg planinskog brijesta (*Ulmus glabra* Huds.) Šumarski list, 100(3-4): 142-154.
- Janjić, N. 1977. Sistematika poljskih brijestova u Bosni i Hercegovini. Godišnjak Biološkog instituta Univerziteta u Sarajevu, 28: 117-124.
- Janjić, N. 1980. Javljanje Frejnovе jasike i srodnih oblika u evropsko-zapadno-azijskoj populaciji vrste *P. tremula* L., njihove taksonomske osobine i spontani hibridi. Radovi Šumarskog fakulteta i Instituta za šumarstvo i drvnu industriju u Sarajevu, 25(1-2): 1-115.
- Janjić, N. 1983. Dve nove hibridne polupiramidalne crne topole iz centralne Bosne. Biosistematika, 9(1): 15-27.
- Janjić, N. 1984a. Sistematika poljskog brijesta (*Ulmus minor* Mill. sensu latissimo) u Bosni i Hercegovini. Radovi Šumarskog Fakulteta Univerziteta u Sarajevu, 26(3-4): 1-115.
- Janjić, N. 1984b. Dalji prilog poznavanju nesamonikle dendroflore Sarajeva i okoline. ANU BiH, Radovi, LXXVI, Odj. prir. mat. nauka, 23: 185-218.
- Janjić, N. 1984c. Prilog poznavanju dlakavih svojiti crne topole (*P. nigra* L.) u Bosni i Hercegovini. GZM BiH, P.N., n.s., 23: 255-278.
- Janjić, N. 1985. Sistematika vrste *P. tremula* L. u Bosni i Hercegovini. Zbornik radova Simpozijuma "Stogodišnjica Flore okoline Niša", pp. 19-32.
- Janjić, N. 1991. Još jednom o nomenklaturi bjelokorog jablana. Glasnik Šumarskog fakulteta Beograd, 73: 195-199.
- Janjić, N. 1992-1996a. Četvrti prilog poznavanju nesamonikle dendroflore Sarajeva i okoline. ANU BiH, Radovi, LXXXIX, Odj. prir. mat. nauka, 26: 67-109.
- Janjić, N. 1992-1996b. Pregled prirodnih i gajenih topola Bosne i Hercegovine. ANU BiH, Radovi, LXXXIX, Odj. prir. mat. nauka, 26: 109-118.
- Janjić, N. 1998. Peti prilog poznavanju nesamonikle dendroflore Sarajeva i okoline. Radovi Šumarskog Fakulteta Univerziteta u Sarajevu, 28(1): 41-75.
- Kutleša, L., Muratović, E. & Šoljan, D. 2022. Index florae Bosnae et Hercegovinae, Part 5. GZM BiH, P.N., n.s., 39: 17-22.
- Marchenko, A.M. & Kuzovkina, Y.K. 2022. Notes on the nomenclature and taxonomy of *Salix fragilis* (Salicaceae). Taxon, 71(4): 721-732. <https://doi.org/10.1002/tax.12685>
- Mišić, Lj. & Šoljan, D. 2014. Index florae Bosnae et Hercegovinae, Part 1. GZM BiH, P.N., n.s., 34: 73-88.
- Richens, R. H. 1968. The Correct Designation of the European Field Elm. Feddes Repert. (Beih.) 79: 1-2.
- Richens, R. H. 1977. New Designations in *Ulmus minor* Mill. Taxon, 26: 583-584.
- Sarajlić, N. & Šoljan, D. 2020. Index florae Bosnae et Hercegovinae, Part 4. GZM BiH, P.N., n.s., 38: 41-58.
- Stefanović, V. 1955. Prilog poznavanju nesamonikle dendroflore Sarajeva i okoline. Naučno Društvo NR Bosne i Hercegovine, 5(1): 49-109.
- Šilić, Č. 1964. Prilog poznavanju dendroflore Banje Luke i okoline, Radovi Šumarskog fakulteta i Instituta za šumarstvo i drvnu industriju u Sarajevu, 12(2): 4-84.
- Šilić, Č. & Šoljan, D. 2018. Index florae Bosnae et Hercegovinae, Part 3. GZM BiH, P.N., n.s., 37: 51-58.
- Šilić, Č., Bašić, N. & Šoljan, D. 2024. Index florae Bosnae et Hercegovinae, Part 6. GZM BiH, P.N., n.s., 40: 49-51.
- Šolić, P. 1974. Prilog poznavanju nesamonikle dendroflore parkova i nasada Mostara i okoline. Hortikultura, Split.
- WFO, 2024. World Flora Online. Published on the Internet. <http://www.worldfloraonline.org/> (Accessed 12/2024).