Velebil J., Lepší M., Nosková J. & Lepší P. (2022) Taxonomic assessment of *Sorbus* subgenus *Aria* in the Malé Karpaty Mountains. – Preslia 94: 305–334.

Supplementary Data S1. – List of herbarium specimens studied.

Sorbus aria

Austria, Lower Austria: Wolfsthal, in declivi fruticoso occidentem versus spectante ? versus ruinam Leányvár [Pottenburg], [48°07'08.5"N, 17°01'32.8"E], 7868c, leg. G. Gáyer 7 V 1916, WU [*Sorbus aria*]. – Niederösterreich, in der Ruine der Kasenburg [probably Pottenburg?] auf der Königswarte bei Wolfstal, [48°07'09.0"N, 17°01'33.3"E], 7868c, leg. Korb 25 V 1931, W [*Sorbus aria*]. – Hainburg an der Donau (distr. Bruck an der Leitha), ca 180 m SE of summit of Pfaffenberg, edge of grassland and scrub in abandoned quarry, shrub ca 3 m high, 48°07'46.6"N, 16°55'30.8"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85649, herb. J. Velebil, ID 116, FCM. – Hundsheimer Kogel bei Hainburg, SW-Abhänge, [48°07'51.5"N, 16°55'50.5"E], 7867d, leg. A. Patzak 9. 1953, W [*Sorbus* sp.]. – Hainburg an der Donau (Bruck an der Leitha distr.), NW slope of the Hundsheimer Berg (480 m) 600 m NW of the hilltop, 48°08'02.7"N, 16°55'53.9"E, 7867d, 350 m a.s.l., leg. JV 3 VI 2017, herb. J. Velebil 170643, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), NW slopes of Hundsheimer Berg, 48°08'06.0"N, 16°56'01.3"E, 7867d, 380 m a.s.l., leg. ML, PL, G. Mészáros 16 VII 2011, CB 82533, ID 423, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), NW slopes of Hundsheimer Berg, 48°08'07.8"N, 16°55'58.5"E, 7867d, 350 m a.s.l., leg. ML, PL 16 VII 2011, CB 82489, ID 422, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), NW slopes of Hundsheimer Berg, 48°08'10.5"N, 16°56'04.0"E, 7867d, 360 m a.s.l., leg. ML, PL 16 VII 2011, CB 82487, ID 425, FCM. – Braunsberg bei Hainburg, [48°09'11.0"N, 16°57'25.9"E], 7867b, leg. D. W. 17 V 1864, W 7093 [*Sorbus aria*].
Slovakia, 10. Malé Karpaty: Kamzik [Kamzík] a Žel. studienka [Železná studnička], [48°11'18.3"N, 17°05'19.6"E], 7868b, 400 m a.s.l., leg. J. Brižický 11 V 1943, SLO [non det., rev. V. Mikoláš as *Sorbus aria*]. – Bazinii [Pezinok] in dumetis vinearum, rarissime, [48°18'14.1"N, 17°14'51.3"E], 7669c, leg. J. L. Holuby 12 VII 1917, PRC [*Sorbus aria*]. – Bazinii [Pezinok] in silvis ad balneum, [48°18'14.1"N, 17°14'51.3"E], 7669c, leg. J. L. Holuby 22 VI 1913, PRC [*Sorbus aria*]. – Malé Karpaty, in declivibus cotae 542 (prope Mt Keštún [= Jestřábník, Hekstun or Heštún]) prope pagum Pernek, [48°21'22.2"N, 17°09'03.4"E], 7668b, 542 m a.s.l., leg. J. Soják 10 V 1905, PR 229926, 229927 [*Sorbus*]. – Malé Karpaty, o. Pernek, k. Kostolný vrch, vedľa cesty na Babu, [48°21'45.5"N, 17°10'15.1"E], 7669a, 350 m a.s.l., leg. Šípošová 7 VIII 1981, SAV [non det., rev. V. Mikoláš as *Sorbus aria* s. l.]. – Western Slovakia, Kuchyňa, ca 150 m E of summit of Bačkorová hill, forest-steppe, scattered, 48°23'30.7"N, 17°10'20.0"E, 7669a, 385 m a.s.l., leg. ML, PL, JV 29 VIII 2018, CB 85701, herb. J. Velebil, ID 430. – Malé Karpaty, u Kuchyně, [48°24'05.3"N, 17°11'28.7"E], 7569c, leg. A. Zlatník 6. 1959, BRNL 14445 [det. Chmelař]. – Malé Karpaty, Kuchyňa, [48°24'07.6"N, 17°11'00.2"E], 7569c, 325 m a.s.l., leg. Peciar 26 IX 1991, SLO [non det., rev. V. Mikoláš as *S. aria*]. – LZ Stupava, polesí Kuchyňa, [48°24'13.1"N, 17°11'31.7"E], 7569c, leg. A. Zlatník 18 VI 1965, BRNL 26050 [*Sorbus aria*, rev. Šefl as *S. carpatica*]. – Western Slovakia, Kuchyňa (distr. Malacky), ca 90 m SE of summit of Bartalová hill, open rock, several individuals, tree ca 8 m high, 48°24'28.3"N, 17°11'34.4"E, 7569c, 495 m a.s.l., leg. ML, PL, JV 28 VIII 2018, CB 85695, herb. J. Velebil, ID 427. – Western Slovakia, Kuchyňa (distr. Malacky), ca 350 m WSW of summit of Pristodolok hill, limestone ridge, two individuals, 48°24'52.7"N, 17°11'57.7"E, 7569c, 525 m a.s.l., leg. JV, ML 10 V 2018, CB 85668, herb. J. Velebil, ID 135, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), ca 300 m SE of Vývrat settlement, limestone rock, scattered, 48°24'53.9"N, 17°11'28.9"E, 7569c, 325 m a.s.l., leg. JV, ML 11 V 2018, CB 85671, herb. J. Velebil, ID 163.

– Western Slovakia, Kuchyňa (distr. Malacky), ca 90 m SSE of summit of Vysoká hill, limestone rock, multi-stem tree ca 10 m high, several individuals in the surroundings, 48°24'58.0"N, 17°13'01.6"E, 7569c, 690 m a.s.l., leg. JV, ML 10 V 2018, CB 85669, herb. J. Velebil, ID 136, FCM. – S. [Slovakia] australis in monte Vysoká ad Kuchyňa prope Malacky in montibus Malé Karpaty, [48°24'58.8"N, 17°13'02.0"E], 7569c, leg. K. Domin 17 VI 1929, PRC [non det., rev. M. Kovanda as *S. aria*]. – Slovakia australis, Montes Bílé Karpaty, in rupibus calcareis ad cacumen montis Vysoká prope pagum Kuchyňa, [48°25'00.7"N, 17°13'06.2"E], 7569c, leg. J. Soják 29 V 1964, PR 231406 [*Sorbus* sp.]. – Western Slovakia, Kuchyňa (distr. Malacky), Taricové skalky rocks ca 350 m S of summit of Horný vrch hill, top of limestone rock, multi-stem tree ca 4 m high, 48°25'17.5"N, 17°14'19.9"E, 7569c, 580 m a.s.l., leg. JV, ML 11 V 2018, CB 85677, herb. J. Velebil, ID 145, FCM. – Malé Karpaty, skalky SZ od Horného vrchu (V od Vysokej), [48°25'34.5"N, 17°14'10.5"E], 7569c, 590 m a.s.l., leg. T. Králik 9 IX 1999, SLO [*Sorbus* sp., rev. V. Mikoláš as *S. aria*]. – Malé Karpaty, Tri stodôlky (SZ od Vysokej), [48°25'35.5"N, 17°12'52.3"E], 7569c, 480 m a.s.l., leg. T. Králik 9 IX 1999, SLO [*Sorbus* sp., rev. V. Mikoláš as *S. aria*]. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.2 km N of summit of Vysoká hill, top of limestone rock in forest, several individuals, tree ca 5 m high, 48°25'40.9"N, 17°13'05.5"E, 7569c, 390 m a.s.l., leg. ML, JV 11 V 2018, CB 85682, herb. J. Velebil, ID 166. – Western Slovakia, Malé Karpaty Mts, Sološnica (distr. Malacky), ca 990 m WSW of summit of Jelenec hill, hornbeam-forest on rock, two-trunk tree ca 10 m high, 48°25'42.9"N, 17°17'03.6"E, 7569d, 500 m a.s.l., leg. ML, JV 10 V 2019, CB 86521, herb. J. Velebil, ID 70, FCM. – Malé Karpaty, Dolany, collis Šišoratné, okraj lesa, granit, suť, orient. J., accliv. 30°, Fraxinio-Q., [48°26'23.5"N, 17°22'51.8"E], 7570c, 450 m a.s.l., leg. J. Hajdúk 13 V 1992, BRA [*Sorbus aria*]. – Malé Karpaty, Dolany, collis Šišoratné, okraj lesa, granit, suť, orient. JV., accliv. 30°, Fraxinio-Q., [48°26'23.5"N, 17°22'51.8"E], 7570c, 450 m a.s.l., leg. J. Hajdúk 13 V 1992, BRA [*Sorbus aria*]. – Sološnica (Malacky distr.), a beech wood between limestone quarries about 2.3 km SW from centre of the village, 48°26'53.6"N, 17°12'57.9"E, 7569c, 335 m a.s.l., leg. JV 15 IX 2014, herb. J. Velebil 140968, FCM. – Sološnica (Malacky distr.), a sunny limestone ridge on the SW slope of the Malá Vápenná hill (573 m) 2 km SE of the Všetkých svätých church in centre of the village, 48°27'20.7"N, 17°15'10.1"E, 7569b, 425 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150951. – Sološnica (Malacky distr.), a sunny limestone ridge on the SW slope of the Malá Vápenná hill (573 m) 2 km SE of the Všetkých svätých church in centre of the village, 48°27'20.7"N, 17°15'10.1"E, 7569b, 425 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150951, FCM. – Malé Karpaty, Vápenná, exp. 5, [48°27'22.6"N, 17°15'18.0"E], 7569b, 480 m a.s.l., leg. J. Futák 31 V 1963, SAV [*Sorbus*, rev. V. Mikoláš as *S. aria* (s. l.)]. – Malé Karpaty, skalnaté stráně na Malém Roštúnu [Malá Vápenná], [48°27'22.7"N, 17°15'27.5"E], 7569b, leg. V. Skřivánek 13 V 1951, BRNM [*Sorbus aria*]. – Malé Karpaty, M. Roštún [Malá Vápenná], [48°27'24.2"N, 17°15'25.5"E], 7569b, leg. J. Měsíček 22 VI 1960, PR 208950 [*Sorbus aria*]. – Kl. Karpathen, Rachsthurn [Roštún = Vápenná Mt], [48°27'24.7"N, 17°15'26.5"E], 7569b, leg. K. Ronniger 23 V 1926, W [*Sorbus aria*]. – Malé Karpaty, Sološnica, vrch Malá Vápenná, [48°27'24.8"N, 17°15'26.4"E], 7569b, leg. J. Holub, P. Tomšovic 27 V 1969, PRA [*Sorbus aria*]. – Slovakia occ., distr. Malacky, Malé Karpaty Mts , Sološnica, in pratis, solo calcareo, [48°27'25.1"N, 17°14'45.3"E], 7569a, leg. A. Žertová 31 V 1963, PR 211400, 211402 [*Sorbus*]. – Western Slovakia, Malé Karpaty Mts, Plavecké Podhradie (distr. Malacky), ca 950 m NNE of summit of Mesačná hill, shrubby top of rock, scattered, tree ca 7 m high, 48°27'28.5"N, 17°19'01.7"E, 7569b, 445 m a.s.l., leg. JV, ML 10 V 2019, CB 86525, herb. J. Velebil, ID 74, FCM. – CSSR, Slowakei, Kleine Karpaten, am Rachsthurn bei Szeleskut [Sološnica], [48°27'35.3"N, 17°16'20.1"E], 7569b, leg. K. Ronniger 11 VI 1916, W [*Sorbus* sp.]. – Kleine Karpathen, ? Kuppe zwischen Kleinem und Grossen Rachsthurn [Roštún = Vápenná Mt], Triaskalk, [48°27'35.3"N, 17°16'20.1"E], 7569b, 400–600 m a.s.l., leg. A. Linzberger 18 VI 1916, WU [*Sorbus aria* var. *longifolia*]. – Malé Karpaty, Vel. Roštún [Velká Vápenná] supra

Sološnica, [48°27'36.0"N, 17°16'25.6"E], 7569b, leg. F. Weber 21 V 1975, PR [*Sorbus aria*]. – Sološnica (Malacky distr.), near top of the Vápenná hill (752 m) 3.3 km ESE of the Všetkých svätých church in centre of the village, 48°27'36.1"N, 17°16'25.9"E, 7569b, 700 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150950, FCM. – Sološnica (Malacky distr.), near top of the Vápenná hill (752 m) 3.3 km ESE of the Všetkých svätých church in centre of the village, 48°27'36.1"N, 17°16'25.9"E, 7569b, 700 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150950. – Malé Karpaty, Sološnica, vrch Velká Vápenná, [48°27'36.1"N, 17°16'27.1"E], 7569b, leg. J. Holub, P. Tomšovic 27 V 1969, PRA [*Sorbus aria*]. – Malé Karpaty, vrchol Vápenné, [48°27'36.4"N, 17°16'27.1"E], 7569b, 748 m a.s.l., leg. F. Dvořák 2 IX 1973, BRNU 473994 [*Sorbus aria*]. – Malé Karpaty, Vápenná, [48°27'36.8"N, 17°16'25.7"E], 7569b, leg. L. Vaněčková 20 V 1970, BRNM [*Sorbus aria*]. – Malé Karpaty, Roštún [Vápenná], [48°27'37.0"N, 17°16'29.0"E], 7569b, 720 m a.s.l., leg. J. Májovský 10 VII 1962, SLO [*Sorbus aria*, det. Bertová, rev. J. Májovský as *S. aria* f. *obtusa*]. – Malé Karpaty, Roštún [Vápenná], [48°27'37.0"N, 17°16'29.0"E], 7569b, 720 m a.s.l., leg. J. Májovský 10 VII 1962, SLO [non det., rev. Bertová as *S. aria*, rev. V. Mikoláš as *S. graeca*]. – Malé Karpaty, Roštún [Vápenná], na vrcholových sutiach a skalách, [48°27'37.0"N, 17°16'29.0"E], 7569b, 720 m a.s.l., leg. J. Májovský 3 VI 1962, SLO [*Sorbus aria*]. – Malé Karpaty, Vápenná, exp. 5, [48°27'41.2"N, 17°16'24.5"E], 7569b, 700 m a.s.l., leg. J. Futák 31 V 1963, SAV [*Sorbus* sp.]. – Horné Orešany (Trnava distr.), light deciduous wood W of the village, 550 m NW of the chapel on the S margin of the village, 48°27'42.8"N, 17°25'36.1"E, 7570b, 280 m a.s.l., leg. JV 5 VI 2017, herb. J. Velebil 170634, FCM. – Horné Orešany (Trnava distr.), light deciduous wood W of the village, 750 m NW of the chapel on the S margin of the village, 48°27'44.6"N, 17°25'21.8"E, 7570b, 335 m a.s.l., leg. JV 5 VI 2017, herb. J. Velebil 170636, FCM. – Horné Orešany (Trnava distr.), light deciduous wood W of the village, 650 m NW of the chapel on the S margin of the village, 48°27'46.4"N, 17°25'31.8"E, 7570b, 320 m a.s.l., leg. JV 5 VI 2017, herb. J. Velebil 170635, FCM. – Sološnica (Malacky distr.), a sunny limestone ridge in the NW part of the Roštún National Nature Reserve above the Čertova dolina valley 3.2 km E from the Všetkých svätých church in centre of the village, 48°28'10.0"N, 17°16'23.9"E, 7569b, 455 m a.s.l., leg. JV 9 VI 2016, herb. J. Velebil 160626. – Sološnica (Malacky distr.), a sunny limestone ridge in the NW part of the Roštún National Nature Reserve above the Čertova dolina valley 3.2 km E from the Všetkých svätých church in centre of the village, 48°28'10.0"N, 17°16'23.9"E, 7569b, 455 m a.s.l., leg. JV 9 VI 2016, herb. J. Velebil 160626, FCM. – Western Slovakia, Malé Karpaty Mts, Plavecké Podhradie (distr. Malacky), ca 840 m NW of summit of Kamenná hill, rock, scattered, tree ca 6 m high, 48°28'35.2"N, 17°17'09.4"E, 7569b, 430 m a.s.l., leg. JV, ML 11 V 2019, CB 86527, herb. J. Velebil, ID 77, FCM. – Plavecké Podhradie, Malé Karpaty u Amonu [Amonova lúka], po modré značce, [48°28'51.2"N, 17°18'25.9"E], 7569b, leg. J. Möllerová 7 VIII 2001, PRC [*Sorbus aria*?, rev. M. Lepší et P. Lepší as *S. aria* s. l.]. – Western Slovakia, Plavecké Podhradie (distr. Malacky), ca 290 m SW of summit of Pohanská hill, forest-steppe, one tree ca 3 m high, 48°29'18.4"N, 17°16'07.9"E, 7569b, 400 m a.s.l., leg. JV, PL, ML 30 VIII 2018, CB 85714, herb. J. Velebil, ID 440, FCM. – Malé Karpaty, in declivibus calcar. montis Pohanská supra pag. Plav. Podhradie, [48°29'19.2"N, 17°16'02.4"E], 7569b, 380 m a.s.l., leg. V. Krist 6 IX 1938, BRNU 08580? [*Sorbus aria*]. – Malé Karpaty, Plavec. Podhradie W (Z), popri ceste na Plav. hrad, [48°29'29.7"N, 17°16'00.9"E], 7569b, 325 m a.s.l., leg. J. Májovský 25 IX 1986, SLO [*Sorbus aria* aggr., rev. V. Mikoláš as *S. aria* + *S. aria* (vplyv *S. carpatica* s. l.)]. – Podplášť pod Plaveckým hradom (okr. Malacky), [48°29'30.8"N, 17°16'01.9"E], 7569b, 350 m a.s.l., leg. J. Májovský, J. Michalko 20 VIII 1951, SLO [non det., rev. Hindáková as *S. aria*]. – In fruticetis declivi occid. montis Podplášť [hill with ruin of Plavecký hrad] prope p. Plavecké Podhradie, solo calc., [48°29'38.0"N, 17°16'04.2"E], 7569b, 380 m a.s.l., leg. A. Hlaváček 11 V 1972, SAV [*Sorbus pannonica* ?]. – Malé Karpaty, Plav. Podhradie, S hřeben od Plaveckého hradu, zarostlé váp. skály, [48°29'40.2"N, 17°16'07.4"E], 7569b, 400 m a.s.l., leg. R. Businský 26 VI 1971, ROZ [non det.]. – Malé Karpaty, Plavecký hrad, bralo, [48°29'42.0"N,

17°16'07.0"E], 7569b, 360 m a.s.l., leg. M. Valachovič 4 VII 2004, SAV [*Sorus aria* agg.]. – M. Karpaty, pod zříceninou Plaveckého hradu, [48°29'47.3"N, 17°15'55.5"E], 7569b, 210 m a.s.l., leg. J. Chmelař 30 IX 1962, BRNL 16434 [*Sorbus aria*]. – Černé skály [Čierna skala] u Smolenice okres Trnava, Karpaty, [48°29'54.3"N, 17°20'27.4"E], 7570a, leg. J. Nevole 6 VII 1949, BRNU [*Sorbus aria*, rev. R. Düll 1959 as *S. aria* f. *longifolia*]. – Malé Karpaty, Smolenice – Jahodník, okolie jaskyne Driny, [48°29'59.9"N, 17°24'11.0"E], 7570a, 370 m a.s.l., leg. J. Májovský 24 V 1982, SLO [*Sorbus aria* aggr., rev. V. Mikoláš as *S. carpatica* s. l.]. – Western Slovakia, Malé Karpaty Mts, Plavecký Mikuláš (Malacky distr.), ca 1.4 km NNW of summit of Javorinka hill, fringe of forest and rock-steppe, scattered, tree ca 7 m high, 48°30'09.1"N, 17°18'13.8"E, 7469d, 350 m a.s.l., leg. ML, JV 19 VIII 2019, CB 86546, herb. J. Velebil, ID 281. – Plavecký Mikuláš, vápencové bradlo nad obcí, [48°30'26.3"N, 17°19'10.3"E], 7469d, leg. J. Möllerová 7 VIII 2001, PRC [*Sorbus aria*, rev. M. Lepší et P. Lepší as *S. aria* s. l.]. – Kopec ležiaci JZ pod vrchom 429.7 záp. Smolenic, [48°30'30.8"N, 17°23'59.2"E], 7470c, 400 m a.s.l., leg. Jasičová, Krippelová 8 VII 1960, SAV [*Sorbus* sp.]. – Smolenice (Trnava distr.), an edge of the steep rocky slope above the carstic valley 700 m SW of the castle in the village, NE margin of the Hlboča National Nature Reserve, 48°30'32.9"N, 17°25'30.6"E, 7470d, 300 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170631, FCM. – Malé Karpaty, smiešané lesy nad Smolenicami, [48°30'37.4"N, 17°25'28.3"E], 7470d, leg. P. Sillinger 22 VII 1926, PR 174589 [*Sorbus aria*, rev. Jávorka]. – CSSR, Kleine Karpaten, Szomolany [Smolenice], [48°30'40.2"N, 17°25'20.1"E], 7470d, leg. K. Ronniger 11 V 1913, W [*Sorbus* sp.]. – Smolenice (Trnava distr.), a shaded carstic valley 1.6 km WSW of the castle in the village, N margin of the Hlboča National Nature Reserve, 48°30'40.4"N, 17°24'38.0"E, 7470c, 360 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170613, FCM. – Smolenice (Trnava distr.), an edge of the steep rocky slope above the carstic valley 1.5 km WSW of the castle in the village, N margin of the Hlboča National Nature Reserve, 48°30'40.8"N, 17°24'42.4"E, 7470c, 350 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170632, FCM. – Malé Karpaty, Smolenice, [48°30'41.0"N, 17°25'15.0"E], 7470d, 300 m a.s.l., leg. J. Májovský 12 IX 1988, SLO [*Sorbus aria* aggr.]. – Smolenice (Trnava distr.), an edge of the steep rocky slope above the carstic valley 900 m WSW of the castle in the village, NE margin of the Hlboča National Nature Reserve, 48°30'41.1"N, 17°25'13.5"E, 7470d, 300 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170630, FCM. – Smolenice (Trnava distr.), an edge of the steep rocky slope above the carstic valley 900 m WSW of the castle in the village, NE margin of the Hlboča National Nature Reserve, 48°30'41.2"N, 17°25'14.8"E, 7470d, 305 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170614, FCM. – Malé Karpaty, Jahodník, kota 429, Driny, [48°30'46.3"N, 17°24'04.0"E], 7470c, 429 m a.s.l., leg. J. Májovský 8 VII 1982, SLO [*Sorbus* ad *S. austriaca*, rev. V. Mikoláš as *S. aria*]. – Malé Krapaty, lesy u Smolenického zámku, [48°30'49.0"N, 17°26'00.6"E], 7470d, leg. M. Součková 23 VI 1954, BRNM 77673 [*Sorbus aria*]. – Malé Karpaty, Smolenice, lesy a stráně za zámkem Smolenice, [48°30'49.3"N, 17°25'52.9"E], 7470d, leg. J. Holub 10 V 1962, PRA [*Sorbus* sp.]. – Western Slovakia, Malé Karpaty Mts, Buková (distr. Trnava), ca 100 m NE of summit of Veterlín hill, rock in scree forest, scattered, tree ca 8 m high, 48°30'52.0"N, 17°21'58.1"E, 7470c, 685 m a.s.l., leg. ML, JV 21 VIII 2019, CB 86554, herb. J. Velebil, ID 297. – Okres Trnava, Malá Lotašárna [local name of the part of the Smolenický karst, located at the southern foot of the Havranica hill at SE edge of Čertov žlab Nature Monument] pri Smoleniciach, vápenec, už. expozícia, Quercetum pubescentis, [48°30'53.8"N, 17°24'45.5"E], 7470c, 380 m a.s.l., leg. J. Futák 4 VI 1958, SAV [*Sorbus aria*]. – Malé Karpaty, Smolenice SW, l. d. Lotašárna [local name of the part of the Smolenický karst, located at the southern foot of the Havranica hill at SE edge of Čertov žlab Nature Monument], [48°30'59.0"N, 17°24'36.0"E], 7470c, 420 m a.s.l., leg. J. Májovský 29 X 1982, SLO [*Sorbus austriaca*]. – Malé Karpaty, Ostrý Kameň, jv. svah, [48°31'13.8"N, 17°22'25.9"E], 7470c, 400 m a.s.l., leg. Jasičová 8 VIII 1956, SAV [*Sorbus aria*]. – Malé Karpaty, vápencový kamenitý svah pod zříceninou hradu Ostrý Kameň, [48°31'18.0"N, 17°22'14.3"E], 7470c, 500 m a.s.l., leg.

F. Černoch 14 VIII 1976, BRNM 295581 [*Sorbus aria* var. *typica*]. – Tranava, in declivibus stepposis sub arce Ostrý Kameň prope pag. Biksard., [48°31'18.7"N, 17°22'15.6"E], 7470c, 420 m a.s.l., leg. s. coll. 18 VII 1940, BRA [*Sorbus aria*]. – Tranava, in declivibus stepposis sub arce Ostrý Kameň prope pag. Biksard., [48°31'18.7"N, 17°22'15.6"E], 7470c, 420 m a.s.l., leg. s. coll. 18 VII 1940, BRA [*Sorbus aria*]. – Tranava, in declivibus stepposis sub arce Ostrý Kameň prope pag. Biksard., [48°31'18.7"N, 17°22'15.6"E], 7470c, 420 m a.s.l., leg. s. coll. 18 VII 1940, BRA [*Sorbus aria*]. – Tranava, in declivibus stepposis sub arce Ostrý Kameň prope pag. Biksard., [48°31'18.7"N, 17°22'15.6"E], 7470c, 420 m a.s.l., leg. s. coll. 18 VII 1940, BRA [*Sorbus aria*]. – Tranava, in declivibus stepposis sub arce Ostrý Kameň prope pag. Biksard., [48°31'18.7"N, 17°22'15.6"E], 7470c, 420 m a.s.l., leg. s. coll. 18 VII 1940, BRA [*Sorbus aria*]. – M. Karpaty, Buková, Ostrá skala [Ostrý Kameň] (Ceterach), [48°31'19.5"N, 17°22'21.3"E], 7470c, 550 m a.s.l., leg. J. Májovský 8 VI 1982, SLO [*Sorbus hungarica*]. – M. Karpaty, Buková, Ostrý Kameň, okolo chodníku po hrebeni smerom ku hradnej zrúcanine, [48°31'19.5"N, 17°22'21.3"E], 7470c, 550 m a.s.l., leg. J. Májovský 15 V 1991, SLO [non det., rev. Králik as *S. aria* agg., rev. V. Mikoláš as *S. graeca* (× *S. aria*)]. – M. Karpaty, Buková E, Ostrá skala [Ostrý Kameň] až po hrad, [48°31'19.8"N, 17°22'17.7"E], 7470c, 530 m a.s.l., leg. J. Májovský 8 VI 1982, SLO [*Sorbus* sp.]. – Malé Karpaty, výstup k hradu Ostrý Kameň od západu, jihozápadně od obce Buková u Smolenice, [48°31'19.9"N, 17°22'16.4"E], 7470c, leg. J. Holub 7 IX 1972, PRA [*Sorbus aria*]. – Western Slovakia, Malé Karpaty Mts, Buková (distr. Trnava), ca 60 m WSW of summit of Záruby hill, open rock, scattered, tree ca 6 m high, 48°31'24.3"N, 17°23'33.5"E, 7470c, 745 m a.s.l., leg. ML, JV 21 VIII 2019, CB 86555, herb. J. Velebil, ID 296. – Slovakia occidentalis, Malé Karpaty Mts, Plavecký Peter village, elev. point 326.0. 0.05 km NW, [48°31'31.0"N, 17°19'12.0"E], 7469d, 320–330 m a.s.l., leg. V. Mikoláš 16 XI 2010, W 2012-08904 [*Sorbus aria* f. *longifolia*]. – Slovakia occidentalis, Malé Karpaty Mts, Plavecký Peter village, elev. point 326.0. 0.05 km NW, [48°31'31.0"N, 17°19'14.0"E], 7469d, 325 m a.s.l., leg. V. Mikoláš 16 XI 2010, W [*Sorbus aria*]. – Malé Karpaty, hrebeň Havranice na sz. od Smolenic, vápenec, [48°31'31.0"N, 17°24'42.5"E], 7470c, 650 m a.s.l., leg. J. Futák 1 V 1957, SAV [*Sorbus aria*]. – Malé Karpaty, Plavecký Peter, horáreň Balunka NE, hore v doline na S svahoch, Ca, spolu s *S. holubyana*, [48°31'32.7"N, 17°19'46.6"E], 7469d, 340 m a.s.l., leg. J. Májovský, Uhríková, Záborský 1 XI 1984, SLO [*Sorbus* sp., rev. V. Mikoláš as *S. aria*]. – Plavecký Peter (Senica distr.), a top of the Skalka hill (374 m) 1.1 km SE of the St. Peter and Pavol church in centre of the village, 48°31'36.3"N, 17°19'51.9"E, 7469d, 355 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150949. – Plavecký Peter (Senica distr.), a top of the Skalka hill (374 m) 1.1 km SE of the St. Peter and Pavol church in centre of the village, 48°31'36.3"N, 17°19'51.9"E, 7469d, 355 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150949, FCM. – Malé Karpaty, Plavecký Peter, V svahy doliny smerom ku kameňolomu, [48°31'45.7"N, 17°20'18.2"E], 7470c, 300 m a.s.l., leg. J. Májovský 30 V 1988, SLO [*Sorus aria* agg.]. – Plavecký Peter (Senica distr.), a sunny S slope of the Hradisko hill (376 m) 1.2 km SE from the St. Peter and Pavol church in centre of the village, 48°31'46.3"N, 17°20'20.3"E, 7470c, 305 m a.s.l., leg. JV 8 VI 2016, herb. J. Velebil 160617. – Plavecký Peter (Senica distr.), a sunny S slope of the Hradisko hill (376 m) 1.2 km SE from the St. Peter and Pavol church in centre of the village, 48°31'46.3"N, 17°20'20.3"E, 7470c, 305 m a.s.l., leg. JV 8 VI 2016, herb. J. Velebil 160617, FCM. – Malé Karpaty, Pl. Peter, PR Kamenec nad Bukovou, [48°32'02.0"N, 17°20'55.0"E], 7470c, 403 m a.s.l., leg. M. Valachovič 24 V 2008, SAV [*Sorus aria* agg.]. – Buková (Trnava distr.), E slope of the Ježovka hill (404 m) near the cottage area and Buková reservoir 2.8 km SW of the W margin of the village, 48°32'03.9"N, 17°21'13.8"E, 7470c, 335 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170620, FCM. – Malé Karpaty, údolí na

JZ svahu vrchu Biela hora 375 m vých. od Bukové, [48°32'14.6"N, 17°25'30.1"E], 7470d, leg. J. Holub 6 VII 1976, PRA [*Sorbus* sp.]. – Malé Karpaty, Trstín, Holý vrch 335 m severozáp. od Trstína, [48°32'16.7"N, 17°27'12.2"E], 7470d, leg. J. Holub 6 VII 1976, PRA [*Sorbus* sp.]. – Malé Karpaty, Buková W, na dolomit. sutiach pri obci, [48°32'35.0"N, 17°24'23.5"E], 7470c, 300 m a.s.l., leg. J. Májovský 8 VII 1982, SLO [*Sorbus* sp.]. – Rozbehy (Senica distr.), a little grove 1.4 km SW from centre of the village, 48°33'44.6"N, 17°23'16.3"E, 7470a, 450 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150964. – Rozbehy (Senica distr.), a little grove 1.4 km SW from centre of the village, 48°33'44.6"N, 17°23'16.3"E, 7470a, 450 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150964, FCM. – Malé Karpaty, Mt Ostrý prope Jablonica, [48°34'13.5"N, 17°24'57.8"E], 7470a, leg. F. Weber 5. 1934, PR 234241 [*Sorbus aria*]. – Myjavská pahorkatina, Rozbehy, juzne vrchu 451 m, [48°34'29.0"N, 17°23'27.5"E], 7470a, 450 m a.s.l., leg. Krippelová 11 VIII 1960, SAV [*Sorbus austriaca*, rev. V. Mikoláš as *S. aria*]. – M. Karpaty, zřícenina hradu Korlátka u Jablonice, [48°34'31.0"N, 17°23'10.2"E], 7470a, 410 m a.s.l., leg. J. Chmelař 29 IX 1962, BRNL 16436 [*Sorbus aria*]. – Malé Karpaty, hrad Korlátka, [48°34'31.3"N, 17°23'11.5"E], 7470a, 420 m a.s.l., leg. Svobodová 24 VII 1984, SLO [*Sorbus* sp.]. – Malé Karpaty, Dobrá Voda – vľavo za Hrubými skalkami, [48°36'58.1"N, 17°34'22.3"E], 7371c, 350 m a.s.l., leg. Ladovičová 13 VIII 1972, SLO [*Sorbus aria*, rev. V. Mikoláš as *S. carpatica* s. l.]. – Brezová p. Br., Hradiště p. Vrátnom, [48°37'32.4"N, 17°30'00.6"E], 7371c, 400 m a.s.l., leg. M. Součková 28 V 1950, BRNM 68943 [*Sorbus austriaca*]. – Malé Karpaty, Pustá Ves (W) Z, Šterusy, [48°37'37.8"N, 17°39'14.1"E], 7371d, 400 m a.s.l., leg. J. Májovský 16 VI 1988, SLO [*Sorbus aria*]. – Záp. Slovensko, Brezovské Kopce, Brezová – Vrátné [Vrátno (576 m)], [48°37'39.1"N, 17°34'02.1"E], 7371c, leg. K. Domin 8 VI 1931, PRC [non det., rev. M. Kovanda as *S. aria*]. – Malé Karpaty, Brezová p. Br., JZ, vrch Okence – Zvarová, ŠPR, [48°38'12.9"N, 17°30'27.4"E], 7371c, leg. J. Májovský 8 VI 1987, SLO [*Sorbus aria*]. – Malé Karpaty, Pustá Ves, [48°38'19.0"N, 17°37'49.0"E], 7371d, leg. J. Májovský 16 VI 1988, SLO [non det., rev. V. Mikoláš as *S. aria*]. – Western Slovakia, Malé Karpaty Mts, Pustá Ves (distr. Piešťany), ca 850 m N of summit of Skala hill, *Pinus nigra* plantation, scattered, tree ca 9 m high, 48°38'35.4"N, 17°36'42.1"E, 7371d, 320 m a.s.l., leg. JV, ML 22 VIII 2019, CB 86575, herb. J. Velebil, ID 314. – Brezová p. Brad., vrch Ševcová skala, [48°38'53.6"N, 17°34'18.5"E], 7371c, 400 m a.s.l., leg. E. Králik 29 VI 1987, SLO [*Sorbus aria*]. – Malé Karp., Brezová p. Brad., vrch Ševcová skala, na hrebeni, [48°38'53.6"N, 17°34'18.5"E], 7371c, 400 m a.s.l., leg. J. Májovský, E. Králik 4 V 1983, SLO [*Sorbus aria*, rev. V. Mikoláš as *S. carpatica* s. l.]. – Malé Karpaty, Brezová pod Bradlom, údolí za koželužnou v Brezové jihových. od obce, [48°39'12.0"N, 17°33'03.8"E], 7371a, leg. J. Holub 6 VII 1976, PRA [*Sorbus* sp.]. – Malé Karpaty, Brezová pod Bradlom, W od drôtovňe [probably an object with the production of wires and wire netting], [48°39'15.1"N, 17°30'29.7"E], 7371a, 280 m a.s.l., leg. J. Májovský 3 XI 1982, SLO [*Sorbus austriaca*]. – Malé Karpaty, Ohreblo [?, probably other name of Ostrež hill], nad kúpaliskom v Brezovej p. Br., [48°39'15.5"N, 17°31'56.5"E], 7371a, 350 m a.s.l., leg. E. Králik 7 V 1983, SLO [*Sorbus aria*, rev. V. Mikoláš as *S. graeca* (*aria*)]. – Brezová [Brezová pod Bradlom], in collibus calcareis, in dumetis, [48°39'20.6"N, 17°32'33.8"E], 7371a, 350 m a.s.l., leg. J. Scheffer 26 V 1929, SLO [*Sorbus aria* β *incisa*]. – Myjavská pahorkatina, Bradlo, krovinaté stráne, juh, váp., [48°40'45.7"N, 17°33'58.4"E], 7371a, leg. A. Ščepka 13 VI 1969, SAV [*Sorus aria*]. – Biele Karpaty, Bradlo, sev. svah pod kotou 537.8, dúbrava s bukom, [48°40'52.7"N, 17°33'24.0"E], 7371a, 530 m a.s.l., leg. Krippelová 1 VIII 1960, SAV [*Sorbus austriaca*]. – Čachtice, Vel. Plešivec, [48°42'05.8"N, 17°44'12.5"E], 7272c, leg. F. Weber 22 V 1930, BRNM [*Sorbus aria*]. – Čachtice, [48°43'07.8"N, 17°45'56.8"E], 7272d, leg. F. Weber s. d., PR 80461 [*Sorbus aria*]. – Slovakia occid., Nové Mesto n. V., in valle silvatica inter vicos Čachtice et Višňové, solo dolomitico, [48°43'07.8"N, 17°45'56.8"E], 7272d, leg. M. Deyl, J. Soják 28 VII 1967, PR 259114, 259115, 259110 [non det.]. – Čachtické kopce, Celový vrch (na JV od Višňového), v Quercetu, na už. svahoch vápencových skalisk, [48°43'19.7"N, 17°45'19.4"E], 7272d, 300 m

a.s.l., leg. J. Futák, J. Michalko, Džatko 31 V 1957, SAV [*Sorbus aria*]. – Malé Karpaty, Čachtice, hradný vrch, západný svah, [48°43'26.1"N, 17°45'40.0"E], 7272d, 350 m a.s.l., leg. Peniašteková 14 V 1986, SLO [*Sorbus aria* agg.]. – Malé Karpaty, Čachtice, hradný vrch, [48°43'27.1"N, 17°45'39.9"E], 7272d, 350 m a.s.l., leg. J. Májovský 13 V 1992, SLO [*Sorbus aria* aggr., rev. V. Mikoláš as *S. aria*]. – Malé Karpaty, v okolí zrúcaniny Čachtického hradu, [48°43'27.1"N, 17°45'39.9"E], 7272d, 350 m a.s.l., leg. J. Májovský 16 V 1991, SLO [non det., rev. V. Mikoláš as *S. aria* f. *acutiloba*]. – Slovakia occid., montes Čachtické kopce in ruina arcis Čachtice, ca. 400 m s. m., [48°43'28.9"N, 17°45'40.9"E], 7272d, 400 m a.s.l., leg. M. Kovanda 27 V 1958, PRC [*Sorbus aria*]. – In collinis Čachtické supra pag. Višňové, [48°43'29.3"N, 17°45'36.4"E], 7272d, leg. F. Weber 29 V 1930, BRNM [*Sorbus aria*]. – Záp. Slovensko, Čachtické kopce (Višňové-Čachtice), [48°43'43.2"N, 17°46'09.8"E], 7272d, leg. K. Domin 9 VI 1931, PRC [non det., rev. R. Düll as *S. aria*]. – Medzi Čachticami a Višňovým, už. exp. oproti vrchu Kačiš na vápenc. suti na voľnom priestore, lokalita typu, [48°43'46.3"N, 17°46'23.9"E], 7272d, 250 m a.s.l., leg. J. Májovský, Uhríková, Záborský 31 X 1984, SLO [*Sorbus aria*]. – Malé Karpaty (Myjav. pahork.) – Podzámok – Podbranč, starý hrad, [48°44'01.8"N, 17°27'59.4"E], 7270d, 450 m a.s.l., leg. J. Májovský 8 VI 1987, SLO [non det., rev. V. Mikoláš as *S. carpatica* s. l./*S. austriaca* s. l.]. – Malé Karpaty, Podbranč, Starý hrad, [48°44'01.8"N, 17°27'59.4"E], 7270d, 450 m a.s.l., leg. J. Májovský 3 XI 1982, SLO [*Sorbus austriaca*, rev. V. Mikoláš as *S. aria* (vplyv *S. thaiszii*?)]. – Malé Karpaty, Podbranč, Starý hrad, [48°44'01.8"N, 17°27'59.4"E], 7270d, 450 m a.s.l., leg. J. Májovský 3 XI 1982, SLO [*Sorbus austriaca* × *torminalis*]. – Vaďovce (Nové Mesto nad Váhom distr.), N margin of a grove 600 m SE of the church in the SE part of the village, 48°44'05.0"N, 17°43'48.4"E, 7272c, 275 m a.s.l., leg. JV 3 IX 2015, herb. J. Velebil 150956, FCM. – Vaďovce (Nové Mesto nad Váhom distr.), N margin of a grove 600 m SE of the church in the SE part of the village, 48°44'05.0"N, 17°43'48.4"E, 7272c, 275 m a.s.l., leg. JV 3 IX 2015, herb. J. Velebil 150956. – Slovakia occid., montes Čachtické kopce in declivibus fruticosis supra viam ferram in valle fluminis Hrabutnica inter vicos Višňové et Čachtice, solo dolomitico, exp. septentrionalis, [48°44'08.7"N, 17°46'28.2"E], 7272d, 200 m a.s.l., leg. M. Kovanda 28 V 1958, PRC [*Sorbus aria*]. – Slovakia occid., montes Čachtické kopce in declivibus fruticosis supra viam ferram in valle fluminis Hrabutnica inter vicos Višňové et Čachtice, solo dolomitico, exp. septentrionalis, [48°44'08.7"N, 17°46'28.2"E], 7272d, 200 m a.s.l., leg. M. Kovanda 28 V 1958, PRC [*Sorbus aria*]. – Slovakia occid., montes Čachtické kopce in declivibus fruticosis supra viam ferram in valle fluminis Hrabutnica inter vicos Višňové et Čachtice, solo dolomitico, exp. septentrionalis, [48°44'08.7"N, 17°46'28.2"E], 7272d, 200 m a.s.l., leg. M. Kovanda 28 V 1958, PRC [*Sorbus aria*]. – Slovakia occid., montes Čachtické kopce in declivibus fruticosis supra viam ferram in valle fluminis Hrabutnica inter vicos Višňové et Čachtice, solo dolomitico, exp. septentrionalis, [48°44'08.7"N, 17°46'28.2"E], 7272d, 200 m a.s.l., leg. M. Kovanda 28 V 1958, PRC [*Sorbus aria*]. – Slovakia occid., montes Čachtické kopce in valle fluminis Hrabutnica inter vicos Višňové et Čachtice, solo dolomitico, [48°44'08.7"N, 17°46'28.2"E], 7272d, 200 m a.s.l., leg. M. Kovanda 27 V 1958, PRC [*Sorbus aria* f. *bükkensis* et *S. aria*]. – Slovakia occid., montes Čachtické kopce in valle fluminis Hrabutnica inter vicos Višňové et Čachtice, solo dolomitico, [48°44'08.7"N, 17°46'28.2"E], 7272d, 200 m a.s.l., leg. M. Kovanda 28 V 1958, PRC [*Sorbus aria* f. *bükkensis*]. – Nové Mesto n. Váhom, východní svah kopce Celový vrch severně obce Višňové, dolomit, [48°44'19.9"N, 17°45'20.0"E], 7272d, 350 m a.s.l., leg. J. Vicherek 25 V 1969, BRNU 443944 [*Sorbus aria*].

Sorbus collina

Austria, Lower Austria: Hundsheim (distr. Bruck an der Leitha), ca 480 m NNW of summit of Spitzerberg hill, forest edge, one tree ca 4 m high, 48°06'12.1"N, 16°56'55.9"E, 7867d, 220 m a.s.l., leg. JV, ML 8 V 2018, CB 85638, herb. J. Velebil, ID 105, FCM. – Hainburg an der Donau

(Bruck an der Leitha distr.), ca 290 m SW of summit of Pfaffenberg, in scrub, tree ca 3.5 m high, 48°07'43.1"N, 16°55'16.0"E, 7867d, 250 m a.s.l., leg. JV, ML 9 V 2018, CB 85647, herb. J. Velebil, ID 123, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), ca 160 m SE of summit of Pfaffenberg, scrub in abandoned quarry, shrub ca 3 m high, 48°07'47.2"N, 16°55'29.9"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85651, herb. J. Velebil, ID 114, FCM. – Hundsheimer Kogel bei Hainburg, SW-Abhänge, [48°07'49.0"N, 16°55'50.1"E], 7867d, leg. A. Patzak 9. 1953, W 2014-12652 [*Sorbus aria* s. l.]. – Hundsheimer Kogel bei Hainburg, SW-Abhänge, [48°07'51.5"N, 16°55'50.5"E], 7867d, leg. A. Patzak 9. 1953, W [*Sorbus* sp.]. – Hainburg an der Donau (Bruck an der Leitha distr.), NW slope of the Hundsheimer Berg (480 m) 600 m NW of the hilltop, 48°08'03.0"N, 16°55'54.3"E, 7867d, 350 m a.s.l., leg. JV 3 VI 2017, herb. J. Velebil 170642, FCM. – Hainburg an der Donau (Bruck an der Leitha distr.), NW slope of the Hundsheimer Berg (480 m) 750 m NW of the hilltop, 48°08'19.2"N, 16°56'10.8"E, 7867d, 380 m a.s.l., leg. JV 3 VI 2017, herb. J. Velebil 170657, FCM. – Hainburg an der Donau (Bruck an der Leitha distr.), S lopes of Braunsberg hill, ca 140 m ESE of summit, thermophilous oak forest, rare, tree ca 6 m high, 48°09'10.4"N, 16°57'34.5"E, 7867b, 290 m a.s.l., leg. ML, PL, JV 4 VIII 2017, CB 84516, herb. J. Velebil, ID 860, FCM. – Hainburg an der Donau (Bruck an der Leitha distr.), S lopes of Braunsberg hill, ca 50 m SW of summit, scrub on rock, shrub ca 3.5 m high, 48°09'10.7"N, 16°57'26.7"E, 7867b, 300 m a.s.l., leg. ML, JV, PL 4 VIII 2017, CB 84515, herb. J. Velebil, ID 861, FCM. – Braunsberg bei Hainburg, [48°09'11.0"N, 16°57'25.9"E], 7867b, leg. W. D. 17 V 1874, W 7093 [*Sorbus aria*].

Slovakia, 5. Devínska Kobyla: Bratislava-Devín (Bratislava distr.), light deciduous wood in the Fialková dolina valley 2.2 km SE of the castle ruin in the village, next to the quarry, 48°09'48.9"N, 17°00'13.2"E, 7868a, 225 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170649, FCM. – Bratislava-Devín (Bratislava distr.), light deciduous wood in the Fialková dolina valley 2.2 km SE of the castle ruin in the village, next to the quarry, 48°09'49.0"N, 17°00'13.2"E, 7868a, 225 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170648, FCM. – Bratislava, Devínska Kobyla, Devín, Merice nad Devínem, [48°10'44.5"N, 16°59'12.0"E], 7867b, leg. J. Zázvorka 25 VI 1983, PRA [*Sorbus* sp.]. – Devín. Kobyla, Merice, pri žlto-červenej značke, [48°10'45.7"N, 16°59'20.0"E], 7867b, 250 m a.s.l., leg. V. Feráková 10 VII 1982, SLO [*Sorbus carpatica,* rev. V. Mikoláš as *S. graeca* × *S. aria*]. – BA [Bratislava] – Devínska Kobyla, [48°10'49.5"N, 16°59'09.6"E], 7867b, 220 m a.s.l., leg. J. Májovský 10 V 1970, SLO [*Sorbus aria*]. – Devín Kobyla, Merice nad Hlubokou cestou, [48°10'49.5"N, 16°59'09.6"E], 7867b, 220 m a.s.l., leg. V. Feráková 26 X 1986, SLO [*Sorbus danubialis*]. – Devínska Kobyla, Hluboká cesta + začiatok ŠPR, [48°10'49.5"N, 16°59'09.6"E], 7867b, 220 m a.s.l., leg. V. Feráková 20 VIII 1985, SLO [*Sorbus aria* s. l., rev. V. Mikoláš as *S. thaiszii* s. l.]. – Děvínská Kobyla u Bratislavy, [48°10'49.5"N, 16°59'10.5"E], 7867b, leg. F. Weber 8. 1934, PR 174593 [*Sorbus aria*]. – Bratislava-Devín (Bratislava distr.), a forest-steppe sunny S slope of the Devínska Kobyla hill (514 m), S part of the Devínska Kobyla National Nature Reserve, 48°10'49.9"N, 16°59'07.8"E, 7867b, 210 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170654, FCM. – Devínska Kobyla, Merice, v svahu medzi Hlbokou cestou a Á-čkovou chatou, prvý exemplár zdola, [48°10'50.2"N, 16°59'08.4"E], 7867b, 210 m a.s.l., leg. V. Feráková 16 IX 1983, SLO [non det., rev. J. Májovský as *S. graeca* var. *orbiculata,* rev. V. Mikoláš as *S.* aff. *thaiszii*]. – Bratislava-Devín (Bratislava distr.), a forest-steppe sunny S slope of the Devínska Kobyla hill (514 m), S part of the Devínska Kobyla National Nature Reserve, 48°10'50.5"N, 16°59'08.5"E, 7867b, 215 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170653, FCM. – Thebener Kogel [Devínská Kobyla], [48°10'53.0"N, 16°59'10.1"E], 7867b, leg. K. Ronniger 20 V 1909, W [*Sorbus* sp.]. – Thebener Kogel [Devínská Kobyla], [48°10'53.0"N, 16°59'10.1"E], 7867b, leg. K. H. Rechinger 9 VI 1893, WU [*Sorbus aria*]. – Ungarn, auf der ? des Thebner Kogels [Devínská Kobyla], [48°10'53.0"N, 16°59'10.1"E], 7867b, leg. J. Vetter 20 V 1909, W 18558 [*Sorbus aria*]. – Bratislava-Devín (Bratislava distr.), a forest-steppe sunny S slope of the Devínska Kobyla hill (514 m), S part of

the Devínska Kobyla National Nature Reserve, 48°10'53.6"N, 16°59'06.2"E, 7867b, 245 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170652, FCM. – Devínska Kobyla, [48°10'54.0"N, 16°59'08.9"E], 7867b, 270 m a.s.l., leg. Pavelková 7 VI 1958, SLO [non det., rev. Kaplanová as *S. aria*, rev. V. Mikoláš as *S. graeca*]. – Devínska Kobyla, Devín, po Homolku, [48°10'54.9"N, 16°59'18.5"E], 7867b, 300 m a.s.l., leg. V. Feráková, Záborský 26 VII 1984, SLO [*Sorbus aria*, rev. V. Mikoláš as *S. graeca*]. – Bratislava, in fruticosis montis Devínská Kobyla, [48°10'55.5"N, 16°59'05.7"E], 7867b, 250 m a.s.l., leg. V. Krist 7 VII 1937, BRNU [*Sorbus aria*]. – Bratislava, in graminosis colli Kobyla supra Děvín, [48°10'55.6"N, 16°59'08.0"E], 7867b, leg. V. Skřivánek 29 VI 1938, BRNM 500776 [*Sorbus cretica*, rev. M. Lepší as *S. graeca* s. l.]. – Bratislava-Devín (Bratislava distr.), a forest-steppe sunny S slope of the Devínska Kobyla hill (514 m), S part of the Devínska Kobyla National Nature Reserve, 48°10'56.0"N, 16°59'15.5"E, 7867b, 315 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170656, FCM. – Devínska Kobyla, [48°10'56.3"N, 16°59'05.3"E], 7867b, 250 m a.s.l., leg. J. Futák 16 VI 1945, SLO [non det., rev. J. Májovský as *S. graeca* f. *orbiculata*]. – Dev. Kobyla, v křovinách, [48°10'56.5"N, 16°59'11.9"E], 7867b, 300 m a.s.l., leg. K. Ptačovský 9 VIII 1925/5. 1928, SAV [*Sorbus aria*]. – Bratislava-Devín (Bratislava distr.), a forest-steppe sunny S slope of the Devínska Kobyla hill (514 m), S part of the Devínska Kobyla National Nature Reserve, 48°10'56.9"N, 16°59'10.7"E, 7867b, 305 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170655, FCM. – Bratislava, in declivibus fruticosis montis Dev. Kobyla supra pag. Devín, [48°11'07.1"N, 16°59'24.0"E], 7867b, 400 m a.s.l., leg. V. Krist 8 VII 1936, BRNU [*Sorbus aria*]. – Bratislava-Dúbravka (Bratislava III distr.), S slope of the Devínska Kobyla hill (514 m), 48°11'14.7"N, 16°59'33.5"E, 7867b, 480 m a.s.l., leg. JV 31 VIII 2015, herb. J. Velebil 150866, FCM. – Bratislava-Dúbravka (Bratislava III distr.), S slope of the Devínska Kobyla hill (514 m), 48°11'15.1"N, 16°59'34.7"E, 7867b, 480 m a.s.l., leg. JV 31 VIII 2015, herb. J. Velebil 150865, FCM. – In cacumine montis Devínska Kobyla in fruticeto, [48°11'15.2"N, 16°59'35.4"E], 7867b, 475 m a.s.l., leg. Schidlay 14 VI 1931, SLO [*Sorbus cretica*, rev. V Mikoláš as *S.* cf. *graeca*]. – Slovakia austro-occidentalis, in graminosis siccis et in dumetis ad montis Kobyla cacumen supra vicum Děvín, non procul ab urbe Bratislava, ca 514 m s. m., copiose, [48°11'20.3"N, 16°59'42.1"E], 7867b, leg. F. A. Novák 17 VIII 1920, PRC [non det.]. – Bratislava, in monte Devínska Kobyla supra pag. Devín, [48°11'20.6"N, 16°59'38.2"E], 7867b, 500 m a.s.l., leg. V. Krist 7. 1936, BRNU 278674 [*Sorbus aria*]. – Slovakia, 5. Devínska Kobyla, Devínska Kobyla, [48°11'20.6"N, 16°59'41.2"E], 7867b, leg. M. Kaleta 1 VI 1965, BRA 55 [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. V. Hodoval 17 VIII 1982, BRA 155 [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. V. Hodoval 15 V 1977, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA [*Sorbus aria*]. – Devínská Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA BRAPH27242 [*Sorbus aria*, rev. V. Mikoláš as *S.* aff *orbicularis* ined.]. – In colle calcareo Devínská Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. J. Mikeš 1 V 1936, PRC [non det., rev. M. Kovanda as *S. aria*]. – Malé Karpaty, Děvínská Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. A. Zlatník 19 VI 1970, BRNL [*Sorbus* sp.]. – Western Slovakia, Děvín (distr. Bratislava), in Waitov lom quarry ca 1.1 km NW of summit of Devínská kobyla hill, wall of quarry, two individuals, tree ca 3.5 m high, 48°11'38.8"N, 16°58'57.5"E, 7867b, 280 m a.s.l., leg. JV, ML 9 V 2018, CB 85659, herb. J. Velebil, ID 131, FCM.

Sorbus danubialis

Austria, Lower Austria: Hundsheim (distr. Bruck an der Leitha), summit area of Steinberg hill, edge of abandoned quarry, several individuals, 48°05'43.3"N, 16°58'33.4"E, 7967b, 280 m a.s.l., leg. JV, ML 8 V 2018, CB 85639, herb. J. Velebil, ID 104, FCM. – Niederösterreich,

Hundsheimer Berge S Hainburg an der Donau, Hexenberg, SW-Seite, [48°07'24.8"N, 16°55'55.1"E], 7867d, 300 m a.s.l., leg. K. Rainer 19 V 1996, W [*Sorbus danubialis*]. – Pfaffenberg bei Deutsch Altenburg, [48°07'45.8"N, 16°55'12.7"E], 7867d, leg. K. Ronniger 26 IX 1909, W [*Sorbus* sp.]. – Hainburg an der Donau (distr. Bruck an der Leitha), ca 160 m SE of summit of Pfaffenberg, in scrub in abandoned quarry, shrub ca 3 m high, 48°07'47.0"N, 16°55'30.1"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85652, herb. J. Velebil, ID 115, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), NW slopes of Hundsheimer berg, 48°08'10.7"N, 16°56'04.6"E, 7867d, 370 m a.s.l., leg. ML, PL 16 VII 2011, CB 82486, ID 426, FCM. – Schlossberg bei Hainburg, buschige Abhänge, [48°08'32.5"N, 16°56'56.1"E], 7867d, leg. H. Zerny 28 IV 1920, W [*Sorbus* sp.]. – In saxosis montis Braunsberg prope Hainburg, [48°09'09.2"N, 16°57'08.5"E], 7867b, leg. K. H. Rechinger 6 IX 1931, W [*Sorbus danubialis*]. – Niederösterreich, Braunsberg bei Hainburg, [48°09'09.2"N, 16°57'08.5"E], 7867b, leg. K. Ronniger 10 V 1914, W [*Sorbus danubialis*]. – Hainburg an der Donau (Bruck an der Leitha distr.), W slopes of Braunsberg hill, ca 500 m WNW of summit, rock steppe, several individuals in the surroundings, shrub ca 1.5 high, 48°09'18.4"N, 16°57'06.1"E, 7867b, 280 m a.s.l., leg. PL, JV, ML 4 VIII 2017, CB 84518, herb. J. Velebil, ID 853, FCM.

Slovakia, 5. Devínska Kobyla: Stiene medzi Devínom a Karlovou Vsou, [48°09'16.1"N, 17°01'16.1"E], 7868a, 180 m a.s.l., leg. J. Futák 16 VI 1945, SLO [non det., rev. J. Májovský as *S. graeca* f. *orbiculata*]. – Bratislava-Devín (Bratislava distr.), light deciduous wood in the Fialková dolina valley 2.2 km SE of the castle ruin in the village, next to the quarry, 48°09'49.2"N, 17°00'12.7"E, 7868a, 220 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170647, FCM. – Devín, in loco dicto Metzen [Merice] in fruticeto, [48°10'42.3"N, 16°59'07.4"E], 7867b, 200 m a.s.l., leg. E. Schidlay 23 VI 1932, SAV [*Sorbus cretica*]. – Devínska Kobyla, Merice, [48°10'42.6"N, 16°59'11.8"E], 7867b, 230 m a.s.l., leg. V. Feráková 12 VIII 1982, SLO [non det., rev. J. Májovský as *S. danubialis*]. – Devínska Kobyla, Merice, [48°10'42.6"N, 16°59'11.8"E], 7867b, 230 m a.s.l., leg. V. Feráková 6 VI 1976, SLO [*Sorbus aria* s. l.]. – Bratislava, Devínska Kobyla, Devín, Merice nad Devínem, lom, [48°10'44.5"N, 16°59'12.0"E], 7867b, leg. J. Zázvorka 25 VI 1983, PRA [*Sorbus* sp.]. – Devínska Kobyla, Hluboká cesta + začiatok ŠPR, [48°10'49.5"N, 16°59'09.6"E], 7867b, 220 m a.s.l., leg. V. Feráková 20 VIII 1985, SLO [*Sorbus aria* s. l., rev. V. Mikoláš as *S. thaiszii* s. l.]. – Bratislava, ad margines silvae i stepposis insulae Danubii Käsmacher [Sihoť] prope urbem, [48°09'16.1"N, 17°01'16.1"E], 7868b, 140 m a.s.l., leg. V. Valenta 10 V 1937, BRA [non det.]. – Comit. Pozsony. In declivibus merid. montis Dévényi Nagy-tetö (Thebner Kogel) [Devínska Kobyla] prope pag. Dévény [Devín], [48°10'53.0"N, 16°59'10.1"E], 7867b, leg. G. Gáyer 21 V 1916, W [*Sorbus cretica* f. *danubialis*]. – Thebener Kogel [Devínská Kobyla], [48°10'53.0"N, 16°59'10.1"E], 7867b, leg. K. Ronniger 20 V 1909, W 2014-12602 [*Sorbus aria* s. l.]. – Thebener Kogel [Devínská Kobyla], [48°10'53.0"N, 16°59'10.1"E], 7867b, leg. K. Ronniger 20 V 1909, W [*Sorbus* sp.]. – Ungarn, in Wäldern am Wege von Theben [Devín] zum Thebner Kogel [Devínska Kobyla], [48°10'53.0"N, 16°59'10.1"E], 7867b, leg. J. Vetter 20 V 1909, W [*Sorbus aria* var. *incisa*]. – Bratislava-Devín (Bratislava distr.), a forest-steppe sunny S slope of the Devínska Kobyla hill (514 m), S part of the Devínska Kobyla National Nature Reserve, 48°10'54.8"N, 16°59'07.5"E, 7867b, 265 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170651. – Devínska Kobyla, [48°10'54.9"N, 16°59'18.5"E], 7867b, 300 m a.s.l., leg. V. Feráková, Pokorný, Strandl? 10 VII 1983, SLO [*Sorbus aria* agg., rev. V. Mikoláš as *S. danubialis*]. – Devínska Kobyla, Devín, po Homolku, [48°10'54.9"N, 16°59'18.5"E], 7867b, 300 m a.s.l., leg. V. Feráková, Záborský 26 VII 1984, SLO [*Sorbus aria*]. – Bratislava, Devínska Kobyla, JZ svahy, [48°10'55.2"N, 16°59'05.4"E], 7867b, 250 m a.s.l., leg. V. Gajarský 26 V 1959, SAV [*Sorbus*, rev. V. Mikoláš as *S. graeca* var. *orbiculata* auct.]. – Devínska Kobyla, Devín, Merice, JZ svah, stepná stráň, [48°10'55.2"N, 16°59'05.4"E], 7867b, 250 m a.s.l., leg. V. Feráková 8 VI 1986, SLO [*Sorbus aria* agg., rev. V. Mikoláš as *S. danubialis*]. – Bratislava, in declivibus fruticosis montis

Děvínská Kobyla, [48°10'55.5"N, 16°59'05.7"E], 7867b, 250 m a.s.l., leg. V. Krist 12 VII 1935, BRNU 268912 [*Sorbus cretica*]. – Comit. Pozsony. In declivibus merid. montis Dévényi Nagy-tetö (Thebner Kogel) [Devínska Kobyla] prope pag. Dévény [Devín], [48°10'55.5"N, 16°59'05.7"E], 7867b, leg. G. Gáyer 21 V 1916, BRNU 157151 [*Sorbus cretica* f. *danubialis*]. – Comit. Pozsony. In declivibus merid. montis Dévényi Nagy-tetö (Thebner Kogel) [Devínska Kobyla] prope pag. Dévény [Devín], [48°10'55.5"N, 16°59'05.7"E], 7867b, leg. G. Gáyer 21 V 1916, PR 174814 [*Sorbus cretica* f. *danubialis*]. – Bratislava, in graminosis colli Kobyla supra Děvín, [48°10'55.6"N, 16°59'08.0"E], 7867b, leg. V. Skřivánek 29 VI 1938, BRNM 500776 [*Sorbus cretica*, rev. M. Lepší as *S. danubialis*]. – In declivibus fruticosis in montis Děvínská Kobyla prope urbem Bratislava, [48°10'55.6"N, 16°59'08.0"E], 7867b, leg. F. Weber 5. 1936, BRNM [*Sorbus aria*]. – Devínska Kobyla, [48°10'56.3"N, 16°59'05.3"E], 7867b, 250 m a.s.l., leg. J. Futák 16 VI 1945, SLO [non det., rev. J. Májovský as *S. danubialis*]. – Comit. Pozsony. In declivibus merid. montis Dévényi Nagytetö (Thebner Kogel) [Devínska Kobyla] prope pag. Dévény [Devín], [48°11'17.4"N, 16°59'36.0"E], 7867b, leg. G. Gáyer 21 V 1916, PRC [*Sorbus cretica* f. *danubialis*]. – Comit. Pozsony. In declivibus merid. montis Dévényi Nagytetö (Thebner Kogel) [Devínska Kobyla] prope pag. Dévény [Devín], [48°11'17.4"N, 16°59'36.0"E], 7867b, leg. G. Gáyer 21 V 1916, BRA [*Sorbus cretica* f. *danubialis*]. – Malé Karpaty, na vrcholu Devínské Kobyly, [48°11'21.0"N, 16°59'43.0"E], 7867b, leg. P. Sillinger 14 V 1926, PR 174807 [*Sorbus aria*]. – Malé Karpaty, vrchol Devínské Kobyly, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. P. Sillinger 14 V 1926, PRC [*Sorbus aria*, rev. M. Kovanda as *S. pannonica*]. – Devín. Kobyla, Stockeravská vápenka, E od Techn. skla nad opusteným lomom smerom do Devín. N. Vsi, [48°12'06.9"N, 17°00'10.5"E], 7768c, 290 m a.s.l., leg. V. Feráková, Záborský 14 VI 1983, SLO [*Sorbus danubialis*].

Sorbus petraea

Slovakia, 10. Malé Karpaty: Western Slovakia, Kuchyňa (distr. Malacky), ca 2.4 km ESE of church in village, rock, one individual 4 m high, 48°24'13.3"N, 17°11'16.8"E, 7569c, 350 m a.s.l., leg. PL, JV, ML 28 VIII 2018, CB 85686, herb. J. Velebil, ID 426, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), ca 2.4 km ESE of church in village, rock, three individuals, multi-trunk tree ca 6 m high, 48°24'13.4"N, 17°11'16.9"E, 7569c, 350 m a.s.l., leg. PL, JV, ML 28 VIII 2018, CB 85685, herb. J. Velebil, ID 425, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), ca 350 m SE of summit of Bartalová hill, rock, one shrub, 48°24'23.9"N, 17°11'45.2"E, 7569c, 470 m a.s.l., leg. PL, ML, JV 28 VIII 2018, CB 85687, herb. J. Velebil, ID 428, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), 130 m ESE of summit of Vysoká hill, limestone rock in open forest, multi-stem tree ca 5 m high, 48°25'00.3"N, 17°13'06.7"E, 7569c, 700 m a.s.l., leg. JV, ML 10 V 2018, CB 85667, herb. J. Velebil, ID 137, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), ca 660 m NE of summit of Vysoká hill, limestone rock ridge at forest edge, tree ca 6 m high, 48°25'15.0"N, 17°13'25.0"E, 7569c, 690 m a.s.l., leg. JV, ML 11 V 2018, CB 85670, herb. J. Velebil, ID 161, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), rock ridge ca 740 m NE of summit of Vysoká hill, limestone rock, shrub ca 3 m high, 48°25'16.9"N, 17°13'27.6"E, 7569c, 650 m a.s.l., leg. JV, ML 11 V 2018, CB 85665, herb. J. Velebil, ID 157, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), rock ridge ca 820 m NE of summit of Vysoká hill, limestone rock, tree ca 5.5 m high, 48°25'19.2"N, 17°13'29.6"E, 7569c, 630 m a.s.l., leg. JV, ML 11 V 2018, CB 85673, herb. J. Velebil, ID 156, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km NNW of summit of Vysoká hill, limestone rock, tree ca 6 m high, 48°25'33.1"N, 17°12'45.3"E, 7569c, 490 m a.s.l., leg. JV, ML 10 V 2018, CB 85666, herb. J. Velebil, ID 139, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km NNW of summit of Vysoká hill, limestone rock, three individuals, shrub ca 2 m high, 48°25'33.6"N, 17°12'45.7"E, 7569c, 490 m a.s.l., leg.

JV, ML 10 V 2018, CB 85664, herb. J. Velebil, ID 138, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), rock ridge ca 540 m WNW of summit of Horný vrch hill, limestone rock, tree ca 6 m high, 48°25'33.6"N, 17°13'56.5"E, 7569c, 530 m a.s.l., leg. JV, ML 11 V 2018, CB 85675, herb. J. Velebil, ID 150, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), rock ridge ca 450 m WNW of summit of Horný vrch hill, limestone rock, shrub ca 3.5 m high, 48°25'33.7"N, 17°14'01.5"E, 7569c, 560 m a.s.l., leg. ML, JV 11 V 2018, CB 85676, herb. J. Velebil, ID 147, FCM. – Malé Karpaty, skalky SZ od Horného vrchu (V od Vysokej), [48°25'34.5"N, 17°14'10.5"E], 7569c, 590 m a.s.l., leg. T. Králik 9 IX 1999, SLO [*Sorbus* sp.]. – Malé Karpaty, skalky SZ od Horného vrchu (V od Vysokej), [48°25'34.5"N, 17°14'10.5"E], 7569c, 590 m a.s.l., leg. T. Králik 9. 1997, SLO [*Sorbus aria* × *austriaca*, rev. V. Mikoláš as *S. carpatica* s. l.]. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km NNW of summit of Vysoká hill, limestone rock, shrub ca 3 m high, 48°25'34.7"N, 17°12'54.9"E, 7569c, 460 m a.s.l., leg. JV, ML 10 V 2018, CB 85663, herb. J. Velebil, ID 141, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1 km NNW of summit of Vysoká hill, rock, shrub ca 2 m high, 48°25'34.8"N, 17°12'55.4"E, 7569c, 455 m a.s.l., leg. PL, ML, JV 29 VIII 2018, CB 85683, herb. J. Velebil, ID 431, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km N of summit of Vysoká hill, limestone rock, tree ca 10 m high, 48°25'35.0"N, 17°12'53.8"E, 7569c, 470 m a.s.l., leg. JV, ML 10 V 2018, CB 85662, herb. J. Velebil, ID 142, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km N of summit of Vysoká hill, limestone rock, tree ca 10 m high, 48°25'35.0"N, 17°12'53.8"E, 7569c, 470 m a.s.l., leg. JV, ML, PL 29 VIII 2018, CB 85684, ID 142, FCM. – Malé Karpaty, Tri stodôlky (SZ od Vysokej), [48°25'35.5"N, 17°12'52.3"E], 7569c, 480 m a.s.l., leg. T. Králik 9 IX 1999, SLO [*Sorbus* (*aria* × *graeca*?), rev. V. Mikoláš as *S.* cf. *danubialis*]. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km N of summit of Vysoká hill, limestone rock, several individuals, 48°25'37.5"N, 17°12'58.0"E, 7569c, 460 m a.s.l., leg. JV, ML 11 V 2018, CB 85679, herb. J. Velebil, ID 167, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km N of summit of Vysoká hill, rock, three individuals, tree ca 6 m high, 48°25'37.6"N, 17°12'58.7"E, 7569c, 450 m a.s.l., leg. JV, ML 10 V 2018, CB 85661, herb. J. Velebil, ID 143, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.1 km N of summit of Vysoká hill, limestone rock, several individuals, 48°25'38.0"N, 17°12'58.8"E, 7569c, 450 m a.s.l., leg. JV, ML 11 V 2018, CB 85680, herb. J. Velebil, ID 168. – Western Slovakia, Kuchyňa (distr. Malacky), Tri stodôlky rock ridge ca 1.2 km N of summit of Vysoká hill, top of rock in forest, one tree ca 3.5 m high, 48°25'40.8"N, 17°13'06.3"E, 7569c, 380 m a.s.l., leg. JV, ML 11 V 2018, CB 85681, herb. J. Velebil, ID 165, FCM. – Slovakia occ., distr. Malacky, Malé Karpaty Mts, Sološnica, in pratis, solo calcareo, [48°27'25.1"N, 17°14'45.3"E], 7569a, leg. A. Žertová 31 V 1963, PR 211401 [*Sorbus*]. – Malé Karpaty, hrebeň medzi Malým a Veľkým Roštúnom (Vápenná), [48°27'26.1"N, 17°15'57.8"E], 7569b, leg. Hubová, Jasičová, Zahradníková 6 VI 1961, SAV [*Sorbus* sp., rev. V. Mikoláš as *S. aria* × *S. graeca* var. *orbiculata*]. – Western Slovakia, Malé Karpaty Mts, Plavecký Mikuláš (Malacky distr.), ca 170 m SW of summit of Čierná skala hill, upper edge of rock, scattered, 48°29'54.9"N, 17°20'26.1"E, 7570a, 635 m a.s.l., leg. ML, JV 20 VIII 2019, CB 86561, herb. J. Velebil, ID 290, FCM. – Western Slovakia, Plavecký Mikuláš (Malacky distr.), summit area of Čierna skala hill, upper edge of rock, scattered, tree-stem shrub ca 4 m high, 48°29'55.0"N, 17°20'26.1"E, 7570a, 660 m a.s.l., leg. ML, JV 25 VII 2020, CB 86902, ID 544. – Western Slovakia, Malé Karpaty Mts, Plavecký Mikuláš (Malacky distr.), by summit of Čierná skala hill, on rock, scattered, shrub ca 2 m high, 48°29'57.5"N, 17°20'34.0"E, 7570a, 660 m a.s.l., leg. ML, JV 20 VIII 2019, CB 86565, herb. J. Velebil, ID 287, FCM. – Western Slovakia, Malé Karpaty Mts, Plavecký Mikuláš (Malacky distr.), by summit of Čierná skala hill, open scrub on rock, shrub ca 2 m high, 48°29'57.6"N, 17°20'33.7"E, 7570a, 660 m a.s.l., leg. ML, JV 20 VIII 2019, CB 86563, herb. J. Velebil, ID 288, FCM. – Western Slovakia, Plavecký Mikuláš (Malacky

distr.), summit area of Čierna skala hill, limestone rock, scattered, shrub ca 2 m high, 48°29'57.6"N, 17°20'34.1"E, 7570a, 660 m a.s.l., leg. ML, JV 25 VII 2020, CB 86872, ID 543. – Western Slovakia, Malé Karpaty Mts, Plavecký Mikuláš (Malacky distr.), by summit of Čierná skala hill, on rock, scattered, shrub ca 1 m high, 48°29'57.6"N, 17°20'34.2"E, 7570a, 660 m a.s.l., leg. JV, ML 20 VIII 2019, CB 86564, herb. J. Velebil, ID 286, FCM. – Western Slovakia, Malé Karpaty Mts, Plavecký Mikuláš (Malacky distr.), ca 70 m NE of summit of Čierná skala hill, rock, scattered, shrub ca 3 m high, 48°29'58.3"N, 17°20'36.3"E, 7570a, 650 m a.s.l., leg. JV, ML 20 VIII 2019, CB 86562, herb. J. Velebil, ID 289, FCM.

***Sorbus* subgen. *Aria* – diverse triploid morphotypes**

Austria, Lower Austria: Hainburg an der Donau (distr. Bruck an der Leitha), ca 180 m SE of summit of Pfaffenberg, edge of grassland and scrub in abandoned quarry, shrub ca 3 m high, 48°07'46.6"N, 16°55'30.8"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85650, herb. J. Velebil, ID 117, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), ca 180 m SE of summit of Pfaffenberg, scrub in abandoned quarry, several individuals, 48°07'47.3"N, 16°55'31.4"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85653, herb. J. Velebil, ID 112, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), ca 180 m SE of summit of Pfaffenberg, scrub in abandoned quarry, several individuals, 48°07'47.3"N, 16°55'31.9"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85655, herb. J. Velebil, ID 111, FCM. – Hainburg an der Donau (Bruck an der Leitha distr.), a hilltop of the Hundsheimer Berg (480 m), 48°07'57.7"N, 16°56'18.4"E, 7867d, 480 m a.s.l., leg. JV 3 VI 2017, herb. J. Velebil 170638, FCM. – Hainburg an der Donau (Bruck an der Leitha distr.), NW slope of the Hundsheimer Berg (480 m) 600 m NW of the hilltop, 48°08'02.1"N, 16°55'52.5"E, 7867d, 340 m a.s.l., leg. JV 3 VI 2017, herb. J. Velebil 170640, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), ca 420 m N of summit of Pfaffenberg, rock steppe, shrub ca 3 m high, 48°08'04.2"N, 16°55'24.2"E, 7867d, 260 m a.s.l., leg. JV, ML 9 V 2018, CB 85643, herb. J. Velebil, ID 129, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), NW slopes of Hundsheimer berg, 48°08'10.5"N, 16°56'04.3"E, 7867d, 360 m a.s.l., leg. ML, PL 16 VII 2011, CB 82488, ID 424, FCM. – Hainburg an der Donau (Bruck an der Leitha distr.), NW slope of the Hundsheimer Berg (480 m) 500 m NW of the hilltop, 48°08'11.0"N, 16°56'10.9"E, 7867d, 420 m a.s.l., leg. JV 3 VI 2017, herb. J. Velebil 170637, FCM.
Slovakia, 5. Devínska Kobyla: Bratislava-Devín (Bratislava distr.), light deciduous wood in the Fialková dolina valley 2.2 km SE of the castle ruin in the village, next to the quarry, 48°09'50.8"N, 17°00'16.3"E, 7868a, 225 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170645, FCM. – Bratislava-Devín (Bratislava distr.), light deciduous wood in the Fialková dolina valley 2.1 km ESE of the castle ruin in the village, next to the quarry, 48°10'08.4"N, 17°00'21.3"E, 7868a, 230 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170646, FCM. – **10. Malé Karpaty:** Western Slovakia, Kuchyňa, ca 150 m E of summit of Bačkorová hill, rocky forest-steppe, scattered, multi-trunk tree ca 10 m high, 48°23'30.7"N, 17°10'20.1"E, 7669a, 385 m a.s.l., leg. ML, PL, JV 29 VIII 2018, CB 85702, herb. J. Velebil, ID 429, FCM. – Western Slovakia, Malé Karpaty Mts, Plavecké Podhradie (distr. Malacky), ca 880 m NNE of summit of Mesačná hill, open forest, rare, multi-trunk tree ca 7 m high, 48°27'26.6"N, 17°18'58.1"E, 7569b, 430 m a.s.l., leg. JV, ML 10 V 2019, CB 86523, herb. J. Velebil, ID 72, FCM. – Western Slovakia, Malé Karpaty Mts, Plavecké Podhradie (distr. Malacky), ca 910 m NNE of summit of Mesačná hill, rock, rare, shrub ca 5 m high, 48°27'27.4"N, 17°19'00.6"E, 7569b, 435 m a.s.l., leg. JV, ML 10 V 2019, CB 86524, herb. J. Velebil, ID 73, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), rock ridge ca 700 m NE of summit of Vysoká hill, limestone rock, three individuals, shrub ca 3 m high, 48°25'16.1"N, 17°13'26.8"E, 7569c, 660 m a.s.l., leg. JV, ML 11 V 2018, CB 85672, herb. J. Velebil, ID 159, FCM. – Western Slovakia, Kuchyňa (distr. Malacky), rock ridge ca 720

m NE of summit of Vysoká hill, limestone rock, multi-stem tree ca 5 m high, 48°25'16.4"N, 17°13'26.6"E, 7569c, 660 m a.s.l., leg. JV, ML 11 V 2018, CB 85674, herb. J. Velebil, ID 158, FCM.

***Sorbus* subgen. *Aria* – *S.* aff. *cucullifera* (triploid)**

Slovakia, 10. Malé Karpaty: Plavecký Peter (Trnava distr.), S slope of the Hradisko hill (376 m) 1.2 km SE of the church in the village, an area of the former quarry, 48°31'45.4"N, 17°20'21.7"E, 7470c, 285 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170626, FCM. – Plavecký Peter (Senica distr.), a sunny S slope of the Hradisko hill (376 m) 1.3 km SE from the St. Peter and Pavol church in centre of the village, 48°31'45.5"N, 17°20'22.6"E, 7470c, 285 m a.s.l., leg. JV 8 VI 2016, herb. J. Velebil 160620, FCM. – Plavecký Peter (Trnava distr.), S slope of the Hradisko hill (376 m) 1.3 km SE of the church in the village, an area of the former quarry, 48°31'45.6"N, 17°20'22.2"E, 7470c, 285 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170623, FCM. – Plavecký Peter (Senica distr.), a sunny S slope of the Hradisko hill (376 m) 1.3 km SE from the St. Peter and Pavol church in centre of the village, 48°31'45.7"N, 17°20'24.6"E, 7470c, 280 m a.s.l., leg. JV 1 IX 2015, herb. J. Velebil 150922, FCM. – Plavecký Peter (Trnava distr.), S slope of the Hradisko hill (376 m) 1.2 km SE of the church in the village, an area of the former quarry, 48°31'45.9"N, 17°20'22.2"E, 7470c, 290 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170625, FCM. – Plavecký Peter (Trnava distr.), S slope of the Hradisko hill (376 m) 1.2 km SE of the church in the village, an area of the former quarry, 48°31'46.6"N, 17°20'20.6"E, 7470c, 305 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170624, FCM. – Plavecký Peter (Trnava distr.), S slope of the Hradisko hill (376 m) 1.2 km SE of the church in the village, an area of the former quarry, 48°31'47.4"N, 17°20'21.6"E, 7470c, 315 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170621, FCM. – Western Slovakia, Plavecký Peter (distr. Senica), ca 400 m SE of summit of Hradisko hill, rock in oak forest, several individuals, tree ca 3 m high, 48°31'47.4"N, 17°20'25.6"E, 7470c, 300 m a.s.l., leg. PL, JV, ML 30 VIII 2018, CB 85707, herb. J. Velebil, ID 449. – Western Slovakia, Plavecký Peter (distr. Senica), ca 380 m SE of summit of Hradisko hill, open oak rocky forest, several individuals, shrub ca 2.5 m high, 48°31'47.5"N, 17°20'23.9"E, 7470c, 310 m a.s.l., leg. PL, JV, ML 30 VIII 2018, CB 85709, herb. J. Velebil, ID 447. – Buková (Trnava distr.), E slope of the Ježovka hill (404 m) near the cottage area and Buková reservoir 2.8 km SW of the W margin of the village, 48°32'02.4"N, 17°21'14.0"E, 7470c, 315 m a.s.l., leg. JV 6 VI 2017, herb. J. Velebil 170615, FCM.

***Sorbus* subgen. *Aria* – diverse tetraploid morphotypes**

Austria, Lower Austria: Hainburg an der Donau (distr. Bruck an der Leitha), ca 170 m SE of summit of Pfaffenberg, scrub in abandoned quarry, several individuals, 48°07'47.5"N, 16°55'31.3"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85654, herb. J. Velebil, ID 113, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), ca 180 m SE of summit of Pfaffenberg, scrub in abandoned quarry, one tree ca 3.5 m high, 48°07'47.4"N, 16°55'32.1"E, 7867d, 290 m a.s.l., leg. JV, ML 9 V 2018, CB 85656, herb. J. Velebil, ID 110, FCM. – Hainburg an der Donau (distr. Bruck an der Leitha), NW slopes of Hundsheimer berg, 48°08'11.2"N, 16°56'04.0"E, 7867d, 350 m a.s.l., leg. ML, PL 16 VII 2011, CB 82484, ID 428, FCM [*Sorbus graeca* agg.]. – Hainburg an der Donau (distr. Bruck an der Leitha), NW slopes of Hundsheimer berg, 48°08'11.5"N, 16°56'03.2"E, 7867d, 360 m a.s.l., leg. ML, PL 16 VII 2011, CB 82485, ID 427, FCM [*Sorbus graeca* agg.].
Slovakia, 5. Devínska Kobyla: Bratislava-Devín (Bratislava distr.), light deciduous wood in the Fialková dolina valley 2.1 km ESE of the castle ruin in the village, next to the quarry,

48°10'08.6"N, 17°00'21.7"E, 7868a, 230 m a.s.l., leg. JV 2 VI 2017, herb. J. Velebil 170644, FCM.

Sorbus subgen. *Aria* – unidentified herbarium specimens

We were not able to identify the following herbarium specimens due to various reasons such as poor quality of preparation, insufficient amount of plant material, and collection of inappropriate part of individual or unknown taxonomical identity of sampled individuals (e.g. singular biotypes).

Austria, Lower Austria: Niederösterreich, Hainburger Berge, Hexenberg SW-Hang, gegen Hundsheim-Neune Siedlung, [48°07'24.5"N, 16°55'51.0"E], 7867d, 260 m a.s.l., leg. M. Strudl 10 VIII 1983, W 2005-19923 [*Sorbus aria* agg.]. – Niederoesterreich, Hainburg, an der ? des Hundsheimerberges nächst dem "Grab der Gräfin", [48°07'38.6"N, 16°56'28.4"E], 7867d, leg. Korb 26 V 1927, W 3966 [*Sorbus aria*]. – Hundsheimer Kogel bei Hainburg, SW-Abhänge, [48°07'51.5"N, 16°55'50.5"E], 7867d, leg. A. Patzak 9. 1953, W [*Sorbus* sp.]. – NÖ [Niederösterreich], Hundsheimer Berg, [48°07'57.5"N, 16°56'19.3"E], 7867d, leg. R. Albert 6. 1974, W [*Sorbus aria*]. – Hundsheimer Berg, N-Rand des Plateau, [48°08'11.8"N, 16°56'08.3"E], 7867d, leg. M. A. Fischer 22 V 1976, WU [*Sorbus* sp.]. – Hundsheimer Berg, in saxosis supra Hainburg, [48°08'23.1"N, 16°56'12.8"E], 7867d, leg. G. Gáyer 1 VI 1916, WU [*Sorbus aria*].
Slovakia, 5. Devínska Kobyla: Devínska Kobyla, Devín, lúčka V od školy, [48°10'13.4"N, 16°59'50.7"E], 7867b, 200 m a.s.l., leg. V. Feráková, Záborský 26 VII 1984, SLO [*Sorbus aria* agg.]. – Děvín, [48°10'55.5"N, 16°59'05.7"E], 7867b, leg. M. Béňa 12 VI 1923, BRNU 193950 [*Pyrus aria*]. – Bratislava, in fruticosis montis Kobyla, [48°10'55.6"N, 16°59'08.0"E], 7867b, leg. V. Skřivánek 16 V 1937, BRNM [*Sorbus aria* var. c*retica*]. – V Devíne na Kobyle, [48°11'17.7"N, 16°59'38.7"E], 7867b, leg. J. A. Bäumler 6. 1902, BRA [*Sorbus aria*]. – Kobyla, [48°11'21.2"N, 16°59'41.3"E], 7867b, leg. J. Černý 10 VI 1925, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. V. Hodoval 17 VIII 1982, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 13 VII 1962, BRA [*Sorbus aria* subsp. *cretica*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA [*Sorbus aria*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 13 VII 1962, BRA [*Sorbus aria* subsp. *cretica*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 13 VII 1962, BRA [*Sorbus aria* subsp. *cretica*]. – Devínska Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 13 VII 1962, BRA [*Sorbus aria* subsp. *cretica*]. – Devínská Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. M. Kaleta 6. 1965, BRA BRAPH27242 [*Sorbus aria*, det. V. Mikoláš as *S.* aff. *orbicularis* ined.]. – Malé Karpaty, Děvínská Kobyla, [48°11'21.3"N, 16°59'41.4"E], 7867b, leg. A. Zlatník 19 VI 1970, BRNL [*Sorbus* sp.]. – **10. Malé Karpaty:** Comit. Pozsony. In calcareis montis Rachsthurn [Vápenná Mt] prope Széleskut [Sološnica], [48°27'36.5"N, 17°16'28.3"E], 7569b, leg. Á. Boros 30 VI 1928, BP [*Sorbus aria*]. – Malé Karpaty, Vápenná, exp. 5, [48°27'22.6"N, 17°15'18.0"E], 7569b, 480 m a.s.l., leg. J. Futák 31 V 1963, SAV [*Sorbus*, rev. V. Mikoláš as *S. aria* s. l.]. – Váp. výchoz na hřebenovce M. Vápená – Vápená, M. Karpaty, [48°27'34.3"N, 17°16'19.5"E], 7569b, leg. M. Šrůtek 26 V 1981, ROZ [*Sorbus* sp.] – Slovakia australis, Montes Bílé Karpaty, in rupibus calcareis ad cacumen montis Vysoká prope pagum Kuchyňa, [48°25'00.7"N, 17°13'06.2"E], 7569c, leg. J. Soják 29 V 1964, PR 231406, 231403, 231408 [*Sorbus* sp.].