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The Theodor Schreiber Herbarium in the Botanical Collection of Țării Crișurilor Museum in Oradea, Bihor County (part III)

Vasile Maxim DANCIU & Dorina GOLBAN

Țării Crișurilor Museum, B-dul Dacia nr. 1-3, 410464 Oradea, Romania
E-mail: contact@mtariicrisurilor.ro

Abstract. This paper continues the evaluation of data contained within the herbarium known as Theodor Schreiber's, added to the first two, one bound and one hard-covered (in Part I of this paper), and respectively to the 13 bundles (bundles I to IX plus four unnumbered, in Part II). It similarly consists of several bundles, some of them having Theodor Schreiber's name on their title page (bundles 10 to 14 and 21 to 29), a part of the complete herbarium that was included in the botanical collection of the Țării Crișurilor Museum in 1955, by transfer from High School No. 4 in Oradea (today's "Mihai Eminescu" College). The 14 bundles include herbarium sheets which contain botanized plants gathered from different collectors from that time. Their collecting is considered to date from the 19th century and the collection areas cover almost the entire Europe. The processing of the material was followed by its arrangement in an updated taxonomic classification with the mention of the accepted name and, where possible, with the location (updated if necessary), date of collection and its author (whenever mentioned and identified by signature). We thus present here 441 species belonging to 187 genera and 22 families.

Introduction

The present paper intends to highlight, in a third stage, the data and details contained in Theodor Schreiber's herbarium which were previously researched in two parts (Danciu & Golban, 2013, 2014); it also consists of bundled sheets, several of which still have Th. Schreiber's name on the opening page ("Növény-gyűjtemény. készítette Schreiber Theodor IV. oszt. halgatója, Nagyvárad – 1866"), together with the names and number of species, an initial text meant to imprint a certain order to the way of grouping the botanized plants. The « Schreiber » herbarium as a whole consists of a bound and hard-covered herbarium (presented in the first part of this research), of three boxes with bundles of botanized plants (one of them was presented in the second part) and two boxes with pressed plants, not fixed on the sheets and having the corresponding labels on the sheets.

It was added to the botanical collection of the Țării Crișurilor Museum on December 15, 1955, being transferred from High School No. 4 in Oradea, former Gymnasium of the Premonstratensian Order, which has functioned around the Premonstratensian Monastery of the "Mother of Sorrows", today's "Mihai Eminescu" National College. This paper refers to the "larger" herbarium which contains three boxes with 41 bundles, out of which we presented so far the first 13 bundles (numbered from I to IX, to which we add other four unnumbered ones, all of them to be found in Box III), followed now by 14 bundles (numbered from 10 to 14 and from 21 to 29, deposited in Box I) also containing numbered pages with botanized plants. The 14 bundles consist of herbarium sheets with botanized plants of which some have undergone different levels of degradation over time or have not come to us preserved at all.

Similar to the data in the previous two parts, the plants were collected by different collectors of the time, whose names, acronyms or signatures are not always mentioned, and neither are the dates or locations of the collection of plants. Even when signatures exist and locations are mentioned, the handwriting often proved indecipherable. The collection should be dated in the 19th century, considering the dates on some of the labels.

With regard to the collection areas, most of them them belonging to the former Austro-Hungarian Empire, they are today in western European countries, too, reaching Spain, France, Belgium and western Germany, respectively Southern Italy (Sicily), Sardinia and Greece (Isle of Salamina), and eastward down to the Crimean peninsula (Odessa), Ukraine, East Prussia and Russia. To these the Central European areas of Switzerland, northern Italy, Austria, the Czech Republic, Slovakia, Poland, Hungary, Romania (Transylvania, Banat), Serbia (Vojvodina),

Bosnia-Herzegovina, Slovenia, and Croatia are added. There are also items from locations outside Europe, such as the Middle East (Syria).

As in the case of the two parts of this herbarium, among most of the collectors mentioned on the labels there are also personalities famous in the world of naturalists (herbalists) at the time, acknowledged as specialists in plant taxonomy, even if their work was more or less connected to botany (as they were physicians, pharmacists, priests, monks, teachers, military men or office workers). Many names of identified collectors (see Annex 2) appear also in the parts previously presented, but there are also new names such as Ernst Kloebl, Cardinal St. Fr. Ludwig Haynald, Julius Kováts von Szent-Lélek, C. B. Lehmann, A. Engler, Pommerot, Friedrich August Kornicke, C. Birnbacher, Fr. Oberlathner, Johan Bolla, Ferdinand Hehsteiner, C. V. Hepperger, Antonio Bertoloni, F. Parlato, Augusto Todaro, Christian von Steven, Edouard Timbal-Lagrave, Pierre Marie Alexis Millardet, Pedro del Campo, Antonio Costa y Cuxart, W. J. Sekera, Joseph Friedrich Knaf, Josef Friedrich Krzisch, J. Bayer, J. Delbos, W. Sonder, Heinrich Moritz Willkomm, and others. We have to mention again that, while there are names of collectors that we found nothing special about or whose signatures could not be deciphered, there are also specimens with no mention of any author.

Material and method

The examined material represents a part of the “Th. Schreiber Herbarium”, namely the part consisting of 41 bundles, included in the collection of the Țării Crișurilor Museum in Oradea, and divided in three boxes; the present study focuses on only 14 of the bundles, deposited in the first box, respectively, the bundles numbered from 10 to 14 and from 21 to 29. The 14 bundles contain sheets with botanized plants, some of which have undergone different levels of degradation over time or have not been preserved at all.

When rendering the names of the species, we considered their accepted scientific name with the mention of the reference source of their first description and their synonyms, where they were significant. To verify and update the data we used the database of the Royal Botanic Garden Edinburgh – Flora Europaea, and uBio Portal (www.ubio.org/portal/-5k); and the Plant List database (<http://www.theplantlist.org/>). When presenting the systematical units, we consulted the study of V. Ciocârlan (2000), which follows the rules and recommendations of the International Code for Botanic Cataloguing, and the site Systema Naturae 2000 (<http://taxonomicom.taxonomy.nl>) in order to update the taxonomic classification

(the variant entered after January 26, 2014). We also mentioned the present name of the collecting location, the date and the collector's name when it was mentioned and the signature was legible.

Abbreviations used: n. = inventory number; ref. = reference index for the first description of the species; leg. = the author who collected and determined the plant; Ord.= order; Fam. = Family.

Sistematic part

Kingdom *Plantae* Haeckel, 1866

Viridiplantae Cavalier-Smith, 1981

Streptophyta

Embryophyta Endlicher, 1836

"polysporangiophytes"

Phylum Tracheophyta Sinnott, 1935 ex Cavalier-Smith, 1998

Subphylum *Lycophytina*

Clas. *Lycopodiopsida* Bartl., 1830

Ord. *Lycopodiales* Dumortier, 1829

Fam. *Lycopodiaceae* Palisot de Beauvois ex Mirbel, in Lamarck & Mirbel, 1802

Gen. *Lycopodiella* Holub, 1964

Lycopodiella inundata (L.) Holub – (n. 8233/fsc. 12, p. 5/c) Ref.: Preslia 21 (1964); Syn.: *Lycopodium inundatum* L; *Lepidotis inundata* (L.) Opiz; France, Cherbourg, April 1857, leg. Le Jolis, com. Haslinger .

Subphylum *Euphyllophytina*

Infraphylum "*Moniliformopses*" Kenrick & Crane, 1997, nom. inval.

Clas. *Polypodiopsida* Cronquist et al., 1966

Order *Hymenophyllales* A.B. Frank

Fam. *Hymenophyllaceae* (Bory ex Gaudich. in Freyc., 1828) Link, 1833

"hymenophylloid"

Gen. *Hymenophyllum* J.E. Smith, 1793

Hymenophyllum tunbrigense (L.) Sm. – (n. 8233/fsc. 12, p. 5/d) Ref.: Engl. Bot. ed. 1 3: t. 162 (1794); Syn.: *Trichomanes tunbrigense* L.; *H. tunbrigense* var. *tunbrigense*; *Meringium tunbridgense* Copel.; France, Cherbourg, July 1862, leg. Le Jolis, com. Haslinger.

“core leptosporangiates”

Order *Polypodiales* Link, 1833

“eupolypods I”

Fam. *Dryopteridaceae* Ching, 1965, nom. cons.

Gen. *Dryopteris* M. Adanson, 1763, nom. cons.

Dryopteris carthusiana (Vill.) H. P. Fuchs – (n. 8233/fsc. 21, p. 14/a) Ref.: Bull. Soc. Bot. Fr. 105: 339 (1958); Syn.: *Aspidium spinulosum* Sw; *D. spinulosa* (O. F. Müll.) Kuntze; *Lastrea spinulosa* C. Presl; *Nephrodium spinulosum* Strempel; *Polystichum spinulosum* DC; unidentified location (“in monte Ohristge Siptovia”?), July 1854, leg. Heuffel.

Dryopteris dilatata (Hoffm.) A. Gray – (n. 8233/fsc. 21, p. 13/a) Ref.: Man. Bot. ed. 1 631 (1848); Syn.: *Polystichum dilatatum* (Hoffm.) A. Schumacher; *P. dilatatum* DC; *Lastrea dilatata* (Hoffm.) C. Presl; *Nephrodium spinulosum* Strempel subsp. *dilatatum* (Hoffm.) Hayek; Romania, Transsylvania, Bistrița-Năsăud, Rodna, no date, leg. Czetz.

Dryopteris filix-mas (L.) Schott – (n. 8233/fsc. 21, p. 12/a) Ref.: Gen. Fil. t. 9 (1834); Syn.: *Polystichum filix-mas* (L.) Roth; *Aspidium filix-mas* (L.) Sw; *Nephrodium filix-mas* (L.) Strempel; *Polypodium filix-mas* L; *Lastrea filix-mas* (L.) C. Presl; Romania, Transsylvania, Bistrița-Năsăud, Rodna, no date, leg. Czetz.

Gen. *Polystichum* A. W. Roth, 1799, nom. cons.

Polystichum setiferum (Forssk.) Woyn. – (n. 8233/fsc. 12, p. 5/a) Ref.: Mitt. Naturw. Ver. Steierm. 49: 181 (1913); Syn.: *Aspidium angulare* Kit. ex Willd; *A. aculeatum* Sw. pro parte; *Dryopteris aculeata* Briq; *D. setifera* (Forssk.) Woyn; *P. angulare* (Kit. ex Willd) C. Presl; *P. aculeatum* auct., non (L.) Roth; *P. aculeatum* (L.) Roth subsp. *angulare* (Kit. ex Willd) Vollm; Belgium, Vallonia, Argenteau, Liege, May 1863, coll. Cogniamp., no signature, label: “Ex herb.: Armand Thielens, D. S. N. Tirlemont” (Belgium).

“eupolypods II”

Fam. *Aspleniaceae* Newman

Gen. *Asplenium* C. Linnaeus, 1753

Asplenium ceterach L. – (n. 8233/fsc. 12, p. 5/b) Ref.: Sp. pl. 2: 1080. 1753; Syn.: *Ceterach officinarum* L; *C. officinarum* Willd; *C. officinarum* DC., France, Cherbourg, Febr. 1862, leg. Le Jolis, com. Haslinger.

Asplenium onopteris L. – (n. 8233/fsc. 12, p. 14/a) Ref.: Sp. Pl. ed. 1 1081 (1753); Syn.: *A. adiantum-nigrum* L. subsp. *onopteris* (L.) Luer; Austria, Tirol (Poling in Salzbungischen), no date, leg. Richter L.

Asplenium serpentinum Presl. – (n. 8233/fsc. 12, p. 14/b) – Ref.: Fl. Ital. Fragm. 1: 16 (1808) Syn.: *A. fissum* Wimmer; *A. serpentinei* Tausch. *A. cuneifolium* Viv; *A. adiantum-nigrum* L. subsp. *serpentinei* (Tausch) W. D. J. Koch; *A. forsteri* Sadler; Slovakia, Bratislava (Breslau), no date, leg. Richter L.

Ord. *Salviniales* Britton, 1901
Fam. *Marsileaceae* Mirbel, 1802
Gen. *Pilularia* C. Linnaeus, 1753

Pilularia globulifera L. – (n. 8233/fsc. 21, p. 14/b) Ref.: Sp. Pl. ed. 1 1100 (1753); Netherland (southern Netherland), Schoonhoven (Brabant), July 1863, no signature, label: "Ex Herb. Armand Thielens, D. S. N., Tirlemont" (Belgium)

Infraphylum „*Radiatopses*“ Kenrick & Crane, 1997
„lignophytes“
Clas. *Spermatopsida*
Subclass *Magnoliidae* Novák ex Takhtajan, 1967
„core angiosperms“
Superorder *Lilianae* Takhtajan, 1967
Ord. *Asparagales* Link, 1829
Fam. *Amaryllidaceae* Jaume Saint-Hilaire, 1805, nom. cons.
Trib. *Galantheae* Parl., 1858
Gen. *Galanthus* C. Linnaeus, 1753

Galanthus nivalis L. – (n. 8233/fsc. 11, p. 4/a) Ref.: Sp. Pl. ed. 1 288 (1753); Syn.: *G. imperati* Bertol; *G. nivalis* subsp. *imperati* (Bertol.) Baker; Romania, Bihor, Paleu, Săldăbagiu de Munte (Szaldabagier Monti), March 4, 1863, leg. A. Steffek

Gen. *Leucojum* C. Linnaeus, 1753

Leucojum vernum L. – (n. 8233/fsc. 11, p. 5/a) Ref.: Sp. pl. 1: 289. 1753; Italy, Friuli-Venezia Giulia, Province of Udine, San Giorgio di Nogaro, 1856, leg.: Millardet

Leucojum vernum var. *carpathicum* Sims. – (n. 8233/fsc. 11, p. 1/a) Ref.: Bot. Mag.

45: t. 1993 1818. Syn.: *Erinosma carpathica* (Sims) Herb.; *L. carpathicum* (Sims) Sweet; *L. vernum* subsp. *carpathicum* (Sims) K. Richt.; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius.

Leucojum vernum var. *carpathicum* Sims. – (n. 8233/fsc. 11, p. 2.) Ref.: *Bot. Mag.* 45: t. 1993 1818; Syn.: *Erinosma carpathica* (Sims) Herb.; *L. carpathicum* (Sims) Sweet; *L. vernum* subsp. *carpathicum* (Sims) K. Richt.; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius.

Leucojum vernum var. *carpathicum* Sims. – (n. 8233/fsc. 11, p. 4/b) Ref.: *Bot. Mag.* 45: t. 1993 1818; Syn.: *Erinosma carpathica* (Sims) Herb.; *L. carpathicum* (Sims) Sweet; *L. vernum* subsp. *carpathicum* (Sims) K. Richt.; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius.

Trib. *Narcisseae* Lam. & DC., 1806

Gen. *Narcissus* C. Linnaeus, 1753

Narcissus × *medioluteus* Mill. – (n. 8233/fsc. 11, p. 5/b) Ref.: *Gard. Dict.* ed. 8 no. 4 (1768); Syn.: *N. biflorus* Curtis; *N. poeticus* L. subsp. *biflorus* (Curtis) Cadevall; Switzerland, Canton Geneva, no date, leg. dr. Lagger (stamp: Botanischer Tauschverein in Wien)

Narcissus poeticus L. – (n. 8233/fsc. 11, p. 3/a) Ref.: *Sp. Pl.* 289 1753; Syn.: *Autogenes angustifolius* Raf.; *Helena purpureorincta* Haw.; *Hermione purpureocincta* (Haw.) M. Roem.; *N. hellenicus* Pugsley; *N. majalis* Curtis; *N. purpureocinctus* (Haw.) Spach; *N. recurvus* Haw.; *N. tripodalis* Salisb. ex Herb.; unidentified location („Karis b. Kipizna” ?), no date, leg. Tommasini.

Narcissus poeticus L. subsp. *radiiflorus* (Salisb) Baker – (n. 8233/fsc. 11, p. 1/b) Ref.: Syn.: *N. radiiflorus* Salisb.; *N. poeticus* var. *radiiflorus* (Salisb.) Baker; *N. radiiflorus* subsp. *poetarum* (Haw.) P. D. Sell; *N. serioflorens* Schur; *N. stellaris* Haw; *N. stelliflorus* Schur; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius

Narcissus pseudonarcissus L. – (n. 8233/fsc. 11, p. 3/b) Ref.: *Sp. Pl.* 289 1753; Syn.: *Ajax pseudonarcissus* (L.) Haw; Belgium, Flemish Brabant, Kortenberg (Sur de Cartenbergh), April 1863, no signature: „Ex Herb. Armand Thielens, D. S. N. Tirlemont” (Belgium). Obs.: „Tres Rare”, very rare.

Fam. Asparagaceae A. L. de Jussieu, 1789, nom. cons.

Trib. Hyacintheae Dumort., 1827

Gen. *Muscari* P. Miller, 1754

Muscari botryoides (L.) Mill. – (n. 8233/fsc. 29, p. 8/b) Ref.: Gard. Dict. ed. 8 no. 1 (1768); Syn.: *Bothryanthus heldreichii* (Boiss.) Regel; *Botryphile botryoides* (L.) Salisb.; *Czekelia transsylvanica* (Schur) Schur; *Eubotrys arvensis* Raf.; *Hyacinthus botryoides* L.; *M. carpaticum* Racib; *M. heldreichii* Boiss; Romania, Bihor, Sânmartin (“in isolda bai St. Marton in Grossvardein”), May 25, 1863, leg. A. Steffek – Ex flora hungarica – degraded specimen.

Gen. *Scilla* C. Linnaeus, 1753

Scilla bifolia L. – (n. 8233/fsc. 29, p. 8/a) Ref.: Sp. Pl. ed. 1 309 (1753); Syn.: *Adenoscilla unifolia* Texidor; *Genlisa bifolia* (L.) Raf.; *S. trifolia* Schur; *Stellaris bifolia* (L.) Moench; Romania, Bihor, Oradea (Montis de Grossvardein), May 14, 1860, leg. Steffek - Ex flora hungarica – degraded specimen.

Subfamily *Aphyllanthoideae* (Bartl., 1830) Lindl., 1846Gen. *Aphyllanthes* C. Linnaeus, 1753

Aphyllanthes monspeliensis L. – (n. 8233/fsc. 21, p. 7/c) Ref.: Sp. Pl. ed. 1 294 (1753); Syn.: *A. cantabrica* Bubani; *A. juncea* Salisb.; France, Savoie, Chambéry (“Chambéry a aprenvert.”), no date, leg. Huguenin

Fam. *Iridaceae* A. L. de Jussieu, 1789, nom. cons.Subfam. *Crocoideae*Tribe *Ixieae* Dumort., 1827Gen. *Crocus* C. Linnaeus, 1753

Crocus banaticus J. Gay – (n. 8233/fsc. 11, p. 9/b) Ref.: Bull. Sci. Nat. Geol. 25: 320 (1831); Syn.: *C. iridiflorus* Heuff; *Crociris iridiflora* (Heuff.) Schur; Romania, Bistrița-Năsăud, Năsăud, no date, leg. Porcius

Crocus cilicus Kotschy – (n. 8233/fsc. 11, p. 13/d) – Turcia, Southeastern Anatolia, Cilicia, unidentified location (“Ciliriae m. Bulgardogh” ?), August 31, 1853, leg. Kotschy (obs.: see also *C. cyprius* Boiss. & Kotschy, and *C. cvijicii* Kusanin)

Crocus flavus Weston – (n. 8233/fsc. 11, p. 11/b) Ref.: Univ. Bot. 2: 237 (1771); Syn.: *C. maesiacus* Ker Gawl; *C. aureus* Sibth. & Sm; *C. flavus* Haw., non Weston; *C. luteus* Lam; Romania, Bihor, Oradea, March 13, 1863, leg. A. Steffek – Ex Flor. Hungar.

Crocus flavus Weston – (n. 8233/fsc. 11, p. 12/a) – Ref.: Syn.: *C. aureus* Sibth. & Sm; *C. flavus* Haw., non Weston; *C. floribundus* Haw; *C. lacteus* Sabine; *C. luteus* Lam; *C. lageniflorus* Salisb; *C. moesiacus* Ker Gawl. Unidentified locality, 1856, leg. Millardet.

Crocus minimus DC. – (n. 8233/fsc. 11, p. 10/d) Ref.: Liliacées 2: t. 81 (1804); Syn.: *C. nanus* DC; *C. insularis* J. Gay pro parte; *C. insularis* Herb. pro parte; *Ixia elongata* Vahl; Italy, unidentified location (Corn a Boniface?), no date, no signature – Herbarium I. et R. Musaei Florentini.

Crocus nudiflorus Sm. – (n. 8233/fsc. 11, p. 12/b) Ref.: Engl. Bot. ed. 1 7: t. 491 (1798); Syn.: *C. multifidus* Ramond; *C. multifidus* G. Bergeret; *C. pyrenaicus* Herb; Pyrénées, no date, no signature.

Crocus reticulatus Steven ex Adams – (n. 8233/fsc. 11, p. 12/c) Ref.: Beitr. Naturk. 1: 45 (1805); Syn.: *C. variegatus* Hoppe & Hornsch; *C. vittatus* Raf; Crimea (In Tauria/Taurida Oblast/Crimean Oblast), no date, leg. Steven, com. Janka (Obs.: see also *C. sativus* L.).

Crocus reticulatus Steven ex Adams – (n. 8233/fsc. 11, p. 9/a) Ref.: Beitr. Naturk. 1: 45 (1805); Syn.: *C. variegatus* Hoppe & Hornsch; *C. vittatus* Raf; Romania, Bihor, Oradea, March 15, 1863, leg. Adolf Steffek.

Crocus vernus (L.) Hill subsp. *vernus* – (n. 8233/fsc. 11, p. 11/a) Ref.: Veg. Syst. 10: 1 (1765); Syn.: *C. vittatus* Schloss. & Vuk., non Raf; *C. heuffelianus* Herb; *C. albiflorus* Kit. subsp. *heuffelianus* (Herb) Hegi; *C. heuffelii* Körn; *C. banaticus* Heuff., non J. Gay; *C. candidus* Schloss. & Vuk; *C. uniflorus* Schur; Croatia, Flora Croatica – In Dumetis et sylvis humidus bei rario priore, April 1854, Ex herb. Lud. Farkas-Vukotinovic.

Crocus vernus (L.) Hill subsp. *vernus* – (n. 8233/fsc. 11, p. 11/c) – Ref.: Syn.: *C. banaticus* Heuff., non J. Gay; Romania, Timis, Lugoj (Specimen e manu ipsim auctori! - pr. Lugoj in Banatu lute), no date, leg. Heuffel.

Crocus vernus (L.) Hill subsp. *vernus* – (n. 8233/fsc. 11, p. 6/a) Ref.: Veg. Syst. 10: 1 (1765); Syn.: *C. banaticus* Heuff., non J. Gay; *C. banaticus* var. *versicolor* Schur; *C. discolor* Reuss; *C. duplex* Weston; *C. exiguus* Schur; *C. grandiflorus* Hegetschw.; *C. heuffelianus* Herb.; *C. heuffelii* Körn; *C. uniflorus* Schur; *C. albiflorus* Kit. subsp. *heuffelianus* (Herb) Hegi; Romania, Bihor, Oradea (Szaldabágy bei Grosswardein), Săldăbagiu, March 4, 1863, leg. Adolf Steffek – Ex flora hungarica.

Crocus versicolor Ker Gawl. – (n. 8233/fsc. 11, p. 10/c) Ref.: Bot. Mag. 28: t. 1110 (1808); Syn.: *C. cristensis* Eugène; *C. fragrans* Haw; *C. meridionalis* Risso; *C. reinwardtii* Rchb; France, Nice, no date, leg. Parlatores

Subfam. *Iridoideae*

Trib. *Irideae* Kitt., in A. Richard, 1840

Gen. *Iris* C. Linnaeus, 1753

Iris ruthenica Ker Gawl. – (n. 8233/fsc. 11, p. 10/a) Ref.: Bot. Mag. 28: t. 1123 (1808); Syn.: *I. caespitosa* Pall. ex Link; Romania, Transsylvania, no date, comm. Czetz.

Iris ruthenica Ker Gawl. – (n. 8233/fsc. 11, p. 10/b) Ref.: Bot. Mag. 28: t. 1123 (1808); Syn.: *I. caespitosa* Pall. ex Link; Romania, Transsylvania, no date, leg. Rechers, comm. Porcius.

Gen. *Gladiolus* C. Linnaeus, 1753

Gladiolus communis L. – (n. 8233/fsc. 11, p. 14/a) Ref.: Sp. Pl. ed. 1 36 (1753); Syn.: *G. byzantinus* auct., non Mill; Romania, Bihor, Oradea (G.wardein), 1860, leg. A. Steffek.

Gladiolus illyricus W. D. J. Koch – (n. 8233/fsc. 11, p. 14/b) Ref.: Syn. Fl. Germ. ed. 1 699 (1837); Syn.: *G. communis* auct., non L; unidentified location (Baule?), no date, leg. Tommasini (“Botanischer Tauschverein in Wien”).

Gladiolus imbricatus L. – (n. 8233/fsc. 11, p. 8/a) Ref.: Sp. Pl.: 37. 1753; Syn.: *Sphaerospora imbricata* (L.) Sweet; *G. apterus* Klokov; *G. crispiflorus* Herb; *G. galiciensis* Besser; Romania, Transsylvania, Bistrița-Năsăud, Dumbrăveni (Gants), no date, leg. Czetz.

Gladiolus imbricatus L. – (n. 8233/fsc. 11, p. 8/b) Ref.: Sp. Pl.: 37. 1753; Syn.: *Sphaerospora imbricata* (L.) Sweet; *G. apterus* Klokov; *G. crispiflorus* Herb; *G. galiciensis* Besser; Romania, Banat, in pratis humidis Banatus, June, leg. Heuffel

Gladiolus palustris Gaudin – (n. 8233/fsc. 11, p. 14/c) Ref.: Fl. Helv. 1: 97 (1828); Italy, Trentino-Alto Adige, Sud-Tirol, Bolzano (Botzen, or Bozen), July 1860, leg. C. v. Hepperger – Label: Flora von Tirol (Botanischer Tauschverein in Wien).

Gladiolus sp. – (n. 8233/fsc. 11, p. 7/a) Ref.: Sp. Pl. ed. 1 36 (1753); no locality, date and signature (degraded specimen).

Gen. *Romulea* Maratti, 1772, nom. cons.

Romulea bulbocodium (L.) Sebast. & Mauri – (n. 8233/fsc. 11, p. 13/a) Ref.: Fl. Rom. 17 (1818); Syn.: *Trichonema bulbocodium* (L.) Ker Gawl; *R. bulbocodium* (L.) Sebast. & Mauri subsp. *clusiana* (Lange) Cout; *R. leichtliniana* Heldr. ex Halácsy; *Crocus bulbocodium* L; *Ixia bulbocodium* (L.) L; Dalmatia, no date, leg. illegible (Alntr.?).

Romulea bulbocodium (L.) Sebast. & Mauri - (n. 8233/fsc. 11, p. 13/b) Ref.: Fl. Rom. 17 (1818); Syn.: *Trichonema bulbocodium* (L.) Ker Gawl; *R. bulbocodium* (L.) Sebast. & Mauri subsp. *clusiana* (Lange) Cout; *R. leichtliniana* Heldr. ex Halácsy; *Crocus bulbocodium* L; *Ixia bulbocodium* (L.) L; Croatia, Pola, no date, leg. Tomasini („Botanischer Tauschverein in Wien“).

Romulea bulbocodium (L.) Sebast. & Mauri – (n. 8233/fsc. 11, p. 13/c) Ref.: Fl. Rom. 17 (1818); Syn.: *Trichonema bulbocodium* (L.) Ker Gawl; *R. bulbocodium* (L.) Sebast. & Mauri subsp. *clusiana* (Lange) Cout; *R. leichtliniana* Heldr. ex Halácsy; *Crocus bulbocodium* L; *Ixia bulbocodium* (L.) L; Greece, Crete, Held. 1846, no signature.

Fam. *Orchidaceae* A. L. de Jussieu, 1789, nom. cons.

Gen. *Coeloglossum* C.J. Hartman, 1820

Coeloglossum viride (L.) Hartm. – (n. 8233/fsc. 11, p. 15/c) Ref.: Handb. Skand. Fl. ed. 1 329 (1820); Syn.: *C. purpureum* Schur; *Habenaria viridis* (L.) R. Br; *Orchis viridis* L; unidentified locality, June 11, 1857, leg. illegible.

Subfam. *Epidendroideae*

Trib. *Malaxideae* Lindl., 1826

Gen. *Liparis* L.C. Richard, 1817, nom. cons.

Liparis loeselii (Linnaeus) L. C. Richard – (n. 8233/fsc. 11, p. 17/c) Ref.: Orchid. Eur. Annot. 38 (1817); Syn.: *Sturmia loeselii* (L.) Rchb; *Malaxis loeselii* (L.) Sw; *Pseudorchis loeselii* (L.) Gray; unidentified location (Poges?), no date, leg. Hausmann (degraded specimen).

Tribe *Neottieae* Lindl., 1826

Gen. *Epipactis* Zinn, 1757

Epipactis microphylla (Ehrh.) Sw. – (n. 8233/fsc. 11, p. 16/a) Syn.: *Serapias*

microphylla Ehrh.; *E. intermedia* Schur 1866; *Limodorum microphyllum* (Ehrh.) Kuntze; *Amesia microphylla* (Ehrh.) A. Nelson & J. F. Macbr.; unidentified locality, no date, leg. Richter L.

Trib. *Orchideae* Small, 1933

Subtrib. *Orchidinae* Rchb. 1841

Gen. *Dactylorhiza* Necker ex Nevski, 1937

Dactylorhiza maculata (L.) Soó – (n. 8233/fsc. 11, p. 16/c) Ref.: Nom. Nov. Gen. *Dactylorhiza* 7 1962; Syn.: *Orchis maculata* L; unidentified location, no date, leg. Hazslinszky F.

Gen. *Ophrys* C. Linnaeus, 1753

Ophrys scolopax Cav. – (n. 8233/fsc. 11, p. 16/b) Ref.: Icon. 2: 46 1793; Syn.: *Arachnites speculum* Tod.; *O. arachnites* var. *scolopax* (Cav.) Fiori & Paol.; *O. fuciflora* subsp. *scolopax* (Cav.) H. Sund.; *O. holoserica* subsp. *scolopax* (Cav.) H. Sund.; France, Aquitaine, Agen (“environs d’Agen”), no date, leg. Pommerot.

Ophrys sphegodes Mill. – (n. 8233/fsc. 11, p. 15/d) Ref.: Gard. Dict. ed. 8 no. 8 (1768); Syn.: *O. aranifera* Huds; *O. fucifera* Curtis; unidentified location, May 5, 1858, leg. illegible.

Gen. *Orchis* C. Linnaeus, 1753

Orchis militaris L. – (n. 8233/fsc. 11, p. 17/a) Ref.: Sp. Pl. ed. 1 941 (1753); Syn.: Austria, Lower Austria (Niederösterreich), May 1855, leg. Eichenfitz.

“commelinids”

Ord. *Poales* Small, 1903

Gen. *Airopsis* Desvaux, 1809

Airopsis tenella (Cav.) Asch. & Graebn. – (n. 8233/fsc. 28, p. 11/b) Ref.: Syn. Mitteleur. Fl. 2(1): 298 (1899); Syn.: *A. globosa* (Thore) Desv; *Briza globosa* (Ten.) Mutel; *Milium tenellum* Cav.; France [“La Teste Mai (France)”], no date, leg. Pomaret.

Gen. *Beckmannia* Host, 1805

Beckmannia eruciformis (L.) Host – (n. 8233/fsc. 22, p. 3/a) Ref.: Gram. Austr. 3: 5 (1805); Syn.: *B. cruciformis* (Sm.) Sennen; *Bruchmannia eruciformis* (L.) Nutt.; *Cynosurus eruciformis* Sol. ex Aiton; *Panicum cruciforme* Sibth. & Sm.; *Phala-*

ris eruciformis L.; Hungary, Kisuj szalás, 1856, no signature. Label: "ex herbario Jermy G."

Beckmannia eruciformis (L.) Host – (n. 8233/fsc. 28, p. 1/b) Ref.: Gram. Austr. 3: 5 (1805); Syn: *B. borealis* (Tzvelev) Prob.; *B. cruciformis* (Sm.) Sennen; Romania, Bihor, Diosig ("In pratis paludosi prope Dioszeg, Comitatum Bihar in Hungaris"), June 16, 1861, leg. Janka.

Fam. *Cyperaceae* A. L. de Jussieu, 1789, nom. cons.

Subfam. *Caricoideae*

Gen. *Carex* C. Linnaeus, 1753

Carex appalachica J. M. Webber & P. W. Ball – (n. 8233/fsc. 14, p. 7/a) Ref.: Taxon 28(5/6): 614. 1979; no location, no date, no signature [Obs.: based on the writing on the label (see p. 7/b), the location may be Freiburg, Switzerland, and the collector Dr. Lager.

Carex atrata L. subsp. *aterrima* (Hoppe) Kelak. – (n. 8233/fsc. 14, p. 8/a) Ref.: Prodr. Fl. Böhm. 67 (1867); Syn.: *C. aterrima* Hoppe; *C. atrata* L. subsp. *atrata* var. *aterrima* (Hoppe) Fiori; *C. atrata* L. subsp. *perfusca* (V. I. Krecz.) T. Koyama; *C. perfusca* V. I. Krecz; Austria, Tirol (ad moles glaciales mont Gries), no date, leg. Dr. Lager.

Carex brunnescens (Pers.) Poir. – (n. 8233/fsc. 14, p. 6/a) Ref.: Encycl. Méth. Bot. Suppl. 3: 286 (1813); Syn.: *C. personii* Sieber; *C. persoonii* Sieber subsp. *persoonii*; *C. vitilis* Fr; *C. vitilis* Fr. subsp. *vitilis* (Fr.) Kalela; *Facolos brunnescens* (Pers.) Raf; *Vignea brunnescens* (Pers.) Sojak; Switzerland, In Monte Grimsula, August, leg. Dr. Lager.

Carex canescens L. – (n. 8233/fsc. 14, p. 5/a) Ref.: Sp. Pl. 974 1753; Syn.: *C. canescens* var. *fallax* Kurtz; *C. curta* var. *robustior* (Kük.) B. Boivin; *Caricina canescens* (L.) St.-Lag.; *Vignea canescens* (L.) Rchb.; Romania, Bistrița-Năsăud, Rodna ("Rodnai havatam Kaptam 1858 isobo?); 1858, leg. Czetz.

Carex capillaris L. – (n. 8233/fsc. 14, p. 12/a) Ref.: Sp. Pl. ed. 1 977 (1753); Austria, Tirol, June 1852, leg. illegible (Gerundin?), Wiener Tausch. Herbarium.

Carex capillaris L. – (n. 8233/fsc. 14, p. 12/b) Ref.: Sp. Pl. ed. 1 977 (1753); unidentified location, no date, leg. Zollinger.

Carex chlorocarpa Wimm. – (n. 8233/fsc. 14, p. 7/b) Ref.: Flora 33: 620 1849; Syn.: *C. nigra* subsp. *alpina* (Gaudin) Lemke; Switzerland, Kanton Freiburg, no date, leg. Dr. Lagger.

Carex curvula All. – (n. 8233/fsc. 14, p. 14/b) Ref.: Fl. Pedem. 2: 264 (1785); Syn.: *C. tripartita* All; unidentified location (altitude 4000' – possibly southern Tirol), no date, leg. Huter (obs.: „Botanischer Tauschverein in Wien”).

Carex depressa Link subsp. *depressa* – (n. 8233/fsc. 14, p. 4/b) Ref.: Jour. für die Bot. 1799(2): 309 (1800); Syn.: *C. basilaris* Jord; *C. hallerana* Asso subsp. *depressa* (Link) Nyman; Romania, Bistrița-Năsăud, Dumbrăveni (Gants) (In Transsylvania septemerionalis collectum pr. pag. Ganes), May, leg. Czetetz, con. Janka (obs.: *C. transilvanica* Schur.!).

Carex depressa Link subsp. *transsilvanica* (Schur) T. V. Egorova – (n. 8233/fsc. 14, p. 4/a) Syn.: *C. transilvanica* Schur; *C. euxina* (Woronow & Marcow.) V. I. Krecz; Romania, Bistrița-Năsăud, Dumbrăveni (Gants) (Prope pagum Gants in Transsylvania), 1861, exuente majo, leg. Czetetz

Carex distans L. – (n. 8233/fsc. 14, p. 10/b) Ref.: Syst. Nat. ed. 10 2: 1263 (1759); Syn.: *C. bessarabica* (SaBvul. & Rayss) Zahar; *C. distans* L. subsp. *adriatica* Degen; *C. forficula* Sennen; Romania, Transsylvania, Bistrița-Năsăud, 1859, leg. Czetetz (Obs.: label includes a fragment of correspondence with Janka)

Carex elata All. subsp. *elata* – (n. 8233/fsc. 14, p. 5/b) – Ref.: Fl. Pedem. 2: 272 (1785) Syn.: *C. stricta* Gooden., non Lam; Germany, Geicosberg in Silesia, no date, leg. Wimmer.

Carex firma Host – (n. 8233/fsc. 14, p. 9/b) Ref.: Syn. Pl. Austr. 509 (1797); Syn.: *C. ferruginea* Scop. subsp. *ferruginea* var. *firma* (Host) Fiori; Switzerland, unidentified location, July, leg. Christener

Carex flerinosa Janka spec. nov. – (n. 8233/fsc. 14, p. 3/b) Romania, Bistrița-Năsăud, Dumbrăveni (“In Transsylvania, circe pagum Ganes”), no date, legit et comm. Czetetz.

Carex michelii Host. – (n. 8233/fsc. 14, p. 14/a) Ref.: Syn. Pl. Austr. 507 (1797); Romania, Bistrița-Năsăud, Dumbrăveni („Gantsi határon”), 1856, no signature (possibly A. Czetetz).

Carex microstyla J. Gay — (n. 8233/fsc. 14, p. 6/b) Ref.: Fl. Helv. 6: 37 1830; Syn.:

C. × microstyla J. Gay ex Gaudin; *C. foetida* × *brunnescens*; Switzerland, In Monte Grimsula, leg. Dr. Lager.

Carex montana L. – (n. 8233/fsc. 14, p. 10/a) Ref.: Sp. Pl. ed. 1 975 (1753); Syn.: *C. montana* L. subsp. *csetzii* (Janka) Nyman; Romania, Transsylvania, Bistrița-Năsăud, Dumbrăveni („Gantsi határ”), mai 1856, leg. Czetz (Obs.: label includes a fragment of correspondence, possibly with Janka).

Carex nigra (L.) Reichard – (n. 8233/fsc. 14, p. 11/b) Ref.: Fl. Moeno-Francofurt. 2: 96 (1778); Syn.: *C. vulgaris* Fr; *C. vulgaris* Fr. subsp. *vulgaris*; *C. fusca* All; *C. rufa* Lam; Poland, Breslau/Wroclaw (Zoblenberg in Silesia), no date, leg. Wimmer.

Carex paniculata L. – (n. 8233/fsc. 14, p. 2/b) Ref.: Cent. Pl. 1: 32 (1755); Poland, Breslau/Wroclaw („Bries. in silvis”), no date, leg. Wimmer.

Carex prolixa Fr. – (n. 8233/fsc. 14, p. 9/a) Ref.: Novit. Fl. Suec. Mantissa 3: 228. 1845; Syn.: *C. acuta* × *elata* (Sp. Pl. ed. 1 978 (1753); *C. acuta* L. subsp. *prolixa* (Fr.) Nyman; *C. acuta* L. var. *prolixa* (Fr.) Almq; Switzerland, Freiburg („In pago friburgensi”), June 28, leg. Dr. Lager.

Carex tomentosa L. – (n. 8233/fsc. 14, p. 2/a) Syn.: *C. filiformis* L; *C. filiformis* auct., non L; *C. tomentosa* L. subsp. *grossmanniana* Asch; *C. tomentosa* L. subsp. *subvillosa* (M. Bieb) Nyman; Austria, Vienna, no date, leg Janka.

Carex tomentosa L. – (n. 8233/fsc. 14, p. 3/a) Syn.: *C. filiformis* L; *C. filiformis* auct., non L; *C. tomentosa* L. subsp. *grossmanniana* Asch; *C. tomentosa* L. subsp. *subvillosa* (M. Bieb) Nyman; Romania, Bistrița-Năsăud, Dumbrăveni („Gantsi határ”), May 15, 1858, no signature (label written by Czetz: „van ilig Litera A”).

Carex turfosa genuina Fr.– (n. 8233/fsc. 14, p. 8/b) Ref.: Bot. Not. 1843: 104. 1843; Syn.: *C. dematranea* Lager; *C. nigra* subsp. *turfosa*; *C. stricta* subsp. *turfosa*; *C. vulgaris* subsp. *dematranea*; *C. vulgaris* var. *turfosa*; *C. × turfosa* Fr; *C. × dematranea* Lager; Switzerland, Freiburg („In turfosis prope Lustarf in pago friburgens.”), no date, leg. Dr. Lager.

Carex viridula subsp. *viridula* – (n. 8233/fsc. 14, p. 11/a) Ref.: Beitr. Naturk. 6: 83 1791; Syn.: *C. oederi* Ehrh. Poland, Breslau/Wroclaw (Lisa bei Breslau), no date, leg. Wimmer.

Carex sp. – (n. 8233/fsc. 14, p. 13.) Ref.: Sp. Pl. ed. 1 972 (1753); Romania, Transsylvania, Cluj, Turda („In rupibus calcarei, prope Thorda Transsilvaniae”), May 15, 1845, leg. Janka.

Gen. *Kobresia* Willdenow, 1805

Kobresia myosuroides subsp. *myosuroides* – (n. 8233/fsc. 14, p. 1/a) Ref.: original publication details unknown; Syn.: *Elyna spicata* Schr; *E. bellardi* (All.) K. Koch; *Carex bellardi* All; *C. hermaphrodita* J. F. Gmel; unidentified locality, no date, leg. Huter.

Kobresia simpliciscula subsp. *simpliciscula* (Wahlenb) Mack. – (n. 8233/fsc. 14, p. 1/b) Ref.: original publication details unknown; Syn.: *K. caricina* Willd; *Elyna caricina* Mert. & W. D. J. Koch; Italy, Trentino, Monte Cengio (Mont Cenio), no date, leg. Huguenin.

Subfam. *Cyperoideae*Trib. *Scirpeae*Gen. *Eriophorum* C. Linnaeus, 1753

Eriophorum angustifolium Honck. – (n. 8233/fsc. 10, p. 6/a) Ref.: Vollst. Syst. Verz. 153 (1782); Syn.: *E. polystachion* L. pro parte; *E. angustifolium* Honck. subsp. *subarcticum* (V. N. Vassil.) Hultén; *E. latifolium* Hoppe; Belgium, Tirlemont, May 1863, no signature. Label: “Ex Herb. Armand Thielens, D. S. N., Tirlemont” (Belgium) (obs.: uncertain identification).

Fam. *Juncaceae* A. L. de Jussieu, 1789, nom. cons.Gen. *Juncus* C. Linnaeus, 1753

Juncus subnodulosus Schrank – (n. 8233/fsc. 29, p. 7/a) Ref.: Baier. Fl. 1: 616 (1789); Syn.: *J. obtusiflorus* Ehrh. ex Hoffm; Austria, Vienna, July 30, 1854, leg. J. Juratzka.

Gen. *Luzula* A. P. de Candolle, in Lamarck & A. P. de Candolle, 1805, nom. cons.

Luzula spicata (L.) DC. – (n. 8233/fsc. 29, p. 7/b) Ref.: Fl. Fr. ed. 3 3: 161 (1805); Syn.: *Juncus spicatus* L; Granland, no date, leg. Vate – „Herbar. W. Sonder“.

Luzula sudetica (Willd) Schult. – (n. 8233/fsc. 29, p. 7/c) Ref.: Oestr. Fl. ed. 2, 1: 573 1814; Syn.: *L. althii* Herbich; *L. campestris* f. *althii* (Herbich) I. Grint.; *L. nigricans* Desv.; *L. nigricans* var. *althii* (Herbich) Nyman; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius.

Fam. *Gramineae* A. L. de Jussieu, 1789, nom. cons., nom. alt.

Gen. *Antinoria* Parl.

Antinoria agrostidea (DC) Parl. – (n. 8233/fsc. 23, p. 20/a) Ref.: Fl. Palerm. 1: 95 (1845); Syn.: *Airopsis agrostidea* (DC) DC; Italy, unidentified location, no date and signature (Label: Herbarium I. et R. Musaei Florentini).

Antinoria insularis Parl. – (n. 8233/fsc. 23, p. 19/b) Ref.: Fl. Palerm. 1: 92 1845; Syn.: *Aira insularis* (Parl.) Boiss.; Italy, Sicily, no date, no signature. Label: Herbario I. et R. Musaei Florentini.

Gen. *Hordelymus* (Jess.) Jess. ex Harz

Hordelymus europaeus (L.) Harz – (n. 8233/fsc. 21, p. 18/b) Ref.: Samenk. 114 (1885); Syn.: *Elymus europaeus* L; *Cuviera europaea* (L.) Koeler; *Hordeum europaeum* (L.) All; unidentified location, August 17, 1878, no signature.

Gen. *Parapholis* C. E. Hubb.

Parapholis incurva (L.) C. E. Hubb. – (n. 8233/fsc. 21, p. 17/b) Ref.: Blumea Suppl. 3: 14 (1946); Syn.: *Aegilops incurva* L; *Lepturus incurvatus* Trin; *L. incurvus* (L.) Janch; *Pholiurus incurvatus* Hitchc; Italy, Venice, 1856, leg. v. Grabmayer.

Parapholis incurva (L.) C. E. Hubb. – (n. 8233/fsc. 21, p. 17/c) Ref.: Blumea Suppl. 3: 14 (1946); Syn.: *Aegilops incurva* L; *Lepturus incurvatus* Trin; *Lepidurus incurvus* (L.) Janch; *Pholiurus incurvatus* Hitchc; *P. incurvus* (L.) Schinz & Thell; Greece, Crete, 1846, leg. Heldreich.

Gen. *Phippsia* (Trinius) R. Brown, 1823

Phippsia algida (Sol.) R.Br. – (n. 8233/fsc. 22, p. 4/b) Ref.: Jour. Voy. N. W. Pass. (Suppl. App.) 284 (1824); Syn.: *Agrostis algida* Phipps; *Catabrosa algida* Fr.; *Glyceria algida* (Sol.) Hartm.; Norway, Mt. Dovrefjell ("Norveg., in alpe Dovrefjell"), 1854, leg. C. Hartman

Gen. *Trisetaria* Forssk.

Trisetaria carpatica Baumg. – (n. 8233/fsc. 21, p. 17/a) Ref.: Enum. Stirp. Transsilv. 3: 263 1816; Syn.: *Helictotrichon pubescens* (Huds.) Schult. & Schult.f; *Avena baumgartenii* Steud.; *A. carpatica* Host; *Trisetum carpaticum* (Host) Roem. & Schult; Romania, Bistrița-Năsăud, Rodna, July-August 1859, leg. Czet

Subfam. *Arundinoideae*
Trib. *Arundineae* Dumort., 1824
Gen. *Arundo* L.

Arundo plinii Turra – (n. 8233/fsc. 28, p. 6/b) Ref.: Farset. Nov. Gen. 11 (1765); Syn.: *A. pliniana* Turra; *Calamagrostis plinii* (Turra) J. F. Gmel.; *Donax plinii* (Turra) K. Koch; Slovenia, Koper/Capodistria, no date, no signature – comm. M. Tommasini – “Ex Herbario Florae Illyricae”.

Gen. *Molinia* Schrank, 1789

Molinia caerulea (L.) Moench – (n. 8233/fsc. 26, p. 12/a) Ref.: Meth. 183 (1794); Italy, Friuli-Venezia Giulia, Udine, Cervignano del Friuli, Strasoldo b. Palma nuova, 1856, leg. Wiclardt.

Molinia caerulea (L.) Moench – (n. 8233/fsc. 26, p. 12/b) Ref.: Meth. 183 (1794); Hungary, Rakos, no date, leg. Dr. Krzisch. – “Ex Flora Hungariae”.

Molinia caerulea (L.) Moench subsp. *arundinacea* (Schrank) H. K. G. Paul – (n. 8233/fsc. 26, p. 11/b) Ref.: Ber. Bayer. Bot. Ges. 23: 154 (1938); Syn.: *M. caerulea* (L.) Moench subsp. *altissima* (Link) Domin; *M. altissima* Link; *M. arundinacea* Schrank; *M. caerulea* (L.) Moench subsp. *litoralis* (Host) H. K. G. Paul; Austria, Vienna, August 22, 1858, leg. J. Juratzka.

Gen. *Phragmites* Adanson, 1763

Phragmites australis (Cav.) Trin. ex Steud. – (n. 8233/fsc. 22, p. 3/b) Ref.: Nomencl. Bot. ed. 2 2: 324 (1841); Syn.: *P. gigantea* J. Gay; *P. giganteus* J. Gay & Endress; *P. communis* Trin; *P. pumila* Willk; *P. vulgaris* Samp; France, Languedoc-Roussillon, Aude, Narbonne, no date, leg. Huguenin.

Gen. *Schismus* P. Beauv.

Schismus barbatus (L.) Thell. – (n. 8233/fsc. 22, p. 4/d) Ref.: Bull. Herb. Boiss. ser. 2 7: 391 (1907); Syn.: *S. marginatus* P. Beauv; *S. calycinus* Coss. & Durieu; *Koeleria cantabrica* Willk; Greece, Attica, Salamina (Isle of Salamis), no date, leg. Parlatore.

Schismus minutus (Hoffm.) Roem. & Schult. – (n. 8233/fsc. 22, p. 4/c) Ref.: Syst. Veg. 2: 584 1817 Syn.: *S. barbatus* (L.) Thell; „In lepidossi circa Gandscham (Transcaucas)“, 1829, leg. Howitzs.

Subfamily *Ehrhartoideae*Trib. *Oryzeae* Dumort.Gen *Oryza* C. Linnaeus

Oryza sativa L. – (n. 8233/fsc. 23, p. 18/b) Ref.: Sp. Pl. 333 1753; Syn.: *O. communissima* Lour.; unidentified locality, no date, no signature – comm. M. Tommasini – “Ex Herbario Florae Illyricae”.

Subfam. *Chloridoideae*Trib. *Cynodonteae* Dumort., 1824Gen. *Crypsis* W. Aiton, 1789, nom. cons.

Crypsis aculeata (L.) Aiton – (n. 8233/fsc. 23, p. 17/b) Ref.: Hort. Kew. ed. 1 1: 48 (1789); Syn.: *Agrostis aculeata* Scop.; *Anthoxanthum aculeatum* L. f.; *Antitragus aculeatus* (L.) Gaertn; Romania, Transsylvania («In collibus vasis sieresismis Transilvanie arviani inter Szamos-Ujvár és Szék), Sept. 3, 1858, leg. Janka.

Crypsis alopecuroides Lam. var. *minor* Janka – (n. 8233/fsc. 23, p. 17/c) Ref.: Fl. Germ. 167 (1806); Hungary, Jász-Nagykun-Szolnok, Karcag, Kisújszállás, Sept. 26, 1861, leg. Janka.

Gen. *Tragus* A. Haller, 1768, nom. cons.

Tragus racemosus (L.) All. – (n. 8233/fsc. 22, p. 12/a) Ref.: Fl. Pedem. 2: 241 (1785); Syn.: *Cenchrus racemosus* L.; *Lappago racemosa* (L.) Honck.; *Nazia racemosa* (L.) Kuntze; unidentified location, no date, leg. Al. Makovsky.

Trib. *Eragrostideae* Stapf, in W. H. Harvey & O. W. Sonder, 1898Subtrib. *Eleusininae* Dumort., 1829Gen. *Eragrostis* N. M. Wolf, 1776

Eragrostis collina Trin. – (n. 8233/fsc. 22, p. 7/b) Ref.: Mém. Acad. Sci. Pétersb. (Sci. phys. math.) ser. 6 1: 413 (1830); Syn.: *E. arundinacea* (L.) Roshev., non Jedwabn; *E. tatarica* (Fisch.) Roshev; *Poa collina* (Trin.) K. Koch; *P. tatarica* Fisch. ex Griseb.; Russia, Volgograd Oblast, Sarepta (“Pr. Sarepta as Wolgam inferioren”), no date, leg. A. K. Becker.

Eragrostis minor Host – (n. 8233/fsc. 28, p. 5/b) Ref.: Gram. Austr. 4: 15 (1809); Syn.: *E. suaveolens* A. K. Becker ex Claus; *E. brizoides* Costa; *E. poaeoides* P. Beauv; unidentified location, no date, leg. Roemer.

Eragrostis minor Host – (n. 8233/fsc. 22, p. 5.) Ref.: Gram. Austr. 4: 15 (1809); Syn.: *E. suaveolens* A. K. Becker ex Claus; *E. poaeoides* P. Beauv; Russia, Volgograd Oblast, Sarepta (“Sarepta – in Ross meridionali ad Wolgam inferior.”), no date, leg. A. K. Becker.

Eragrostis papposa (Dufour) Steud. – (n. 8233/fsc. 22, p. 8/a) Ref.: Nomencl. Bot. ed. 2, 1: 564 1840; Syn. Pl. Glum. 1: 263 (1854); Syn.: *Megastachya papposa* Roem. & Schult.; *Poa papposa* Dufour ex Roem. & Schult.; Austria, no date (“18..”), leg. Guisno – “Herbarium Willkommii”.

Eragrostis poaeiformis Link – (n. 8233/fsc. 28, p. 6/c) Ref.: Hort. Reg. Bot. Berol., 1: 190. 1827; Syn.: *E. minor* Host; *E. poaeoides* P. Beauv; *E. eragrostis* (L.) P. Beauv; *Echinochloa poaeoides* P. Beauv; *Poa eragrostis* L; Romania, Transsylvania (“In locis cultis Transsylvaniae”), no date, leg. Dr. Schur.

Eragrostis pilosa (L.) P. Beauv. – (n. 8233/fsc. 28, p. 6/a) Ref.: Agrost. 71 & 162 (1812); Syn.: *E. gracilis* Velen; Romania, Transsylvania, no date, leg. Janka.

Subfam. *Danthonioideae*

Gen. *Danthonia* A. P. de Candolle, in Lamarck & A. P. de Candolle, 1805, nom. cons.

Danthonia alpina Vest – (n. 8233/fsc. 26, p. 17/c) Ref.: Flora (Regensb) 4: 145 (1821); Syn.: *D. provincialis* DC; *Triodia alpina* (Vest) Roth; Romania, Cluj, Cluj-Napoca (“Clausenburg”), 1854, leg. Wolff.

Danthonia alpina Vest – (n. 8233/fsc. 26, p. 17/d) Ref.: Flora (Regensb) 4: 145 (1821); Syn.: *D. provincialis* DC; *Triodia alpina* (Vest) Roth; Austria, Vienna (“In pratis montanis Vienices”), June 8, 1857, leg. J. Bayer.

Danthonia decumbens – (n. 8233/fsc. 26, p. 17/a) Ref.: Flore Française, Troisième Édition 3: 33. 1805; Syn.: *Triodia decumbens* (L.) P. Beauv; *Sieglia decumbens* (L.) Bernh; Austria, Vienna, June 16, 1856, leg. J. Juratzka.

Subfamily *Panicoideae*

Trib. *Andropogoneae* Dumort., 1824

Subtrib. *Anthistiriinae* J. Presl, in C. Presl, 1830

Gen. *Hyparrhenia* Andersson ex Fournier, 1886

Hyparrhenia hirta (L.) Stapf – (n. 8233/fsc. 22, p. 1/b) Ref.: Fl. Trop. Afr. 9: 315 (1919); Syn.: *Andropogon hirtus* L; *A. pubescens* Vis; *Cymbopogon hirtus* (L.) Thomson;

France, Languedoc-Roussillon, Pyrénées Orientales, Banyuls, no date, no signature.

Subtrib. *Saccharinae* Griseb., 1846

Gen. *Saccharum* C. Linnaeus, 1753

Saccharum strictum (Host) Spreng. – (n. 8233/fsc. 22, p. 8/b) Ref.: Pugillus 2: 16 (1815); Syn.: *Erianthus hostii* Griseb; *E. strictus* (Host) Bluff, Nees & Schauer; *E. adpressus* Jáv; *Andropogon strictus* Host; unidentified location (In colib. Herbiri ad Ne. gotin ierb. austr.), 1854, leg. illegible.

Subtrib. *Sorghinae* Stapf, in D. Oliver, 1917

Gen. *Sorghum* Moench, 1794, nom. cons.

Sorghum halepense (L.) Pers. – (n. 8233/fsc. 22, p. 11/a) Ref.: Syn. Pl. 1: 101 (1805); Syn.: *Andropogon halepensis* (L.) Brot; unidentified location, no date, no signature – comm. M. Tommasini – “Ex. Herbario Florae Illyricae”.

Tribe *Paniceae* R. Br., in M. Flinders, 1814

Subtribe *Digitariinae* Stapf, in D. Oliver, 1917

Gen. *Digitaria* A. Haller, 1768, nom. cons.

Digitaria ischaemum (Schreb) Muhl. – (n. 8233/fsc. 22, p. 12/b) Ref.: Descr. Gram. Amer. Sept. 131 (1817); Syn.: *D. glabra* (Schrader) P. Beauv; *Panicum ischaemum* Schreb; *P. glabrum* (Schrader) Gaudin; Romania, Bihor, Oradea, („Ad silves margines Magnum Varadinum“), Aug. 1858, leg. Janka.

Subtribe *Setariinae* Dumort., 1829

Gen. *Echinochloa* P. Beauv.

Echinochloa crus-galli (L.) P. Beauv. – (n. 8233/fsc. 22, p. 14/b) Ref.: Agrost. 53 & 161 (1812); Syn.: *Panicum crus-galli* L; *E. crus-corvi* (L.) P. Beauv; no locality, no date, no signature.

Gen. *Panicum* C. Linnaeus, 1753

Panicum capillare L. – (n. 8233/fsc. 22, p. 13/b) Ref.: Sp. Pl. ed. 1 58 (1753); Syn.: *Chasea capillaris* (L.) Nieuwl.; *Leptoloma capillaris* (L.) Smyth; *Milium capillare* (L.) Moench; Austria, Vienna, August 6, 1855, leg. J. Juratzka (obs.: labels reversed on the sheet).

Panicum repens L. – (n. 8233/fsc. 22, p. 14/a) Ref.: Sp. Pl. ed. 2 87 (1762); Syn.: *P. arenarium* Brot.; France, Provence-Alpes-Côte d'Azur, Hyeres, August 28, 1857, leg. Huet.

Panicum undulatifolium Ard. – (n. 8233/fsc. 22, p. 13/a) Ref.: Syn.: Italy, Trentino-Alto Adige/Südtirol, Bolzano (Bozen), no date, leg. Haum (obs.: labels reversed on the sheet).

Subfam. *Pooideae*

Gen. *Catapodium*

Catapodium rigidum (L.) C. E. Hubb. – (n. 8233/fsc. 24, p. 2/b) Ref.: Fl. Bedfordshire 437 1953; Syn.: *Sclerochloa rigida* (L.) Link; *Desmazeria rigida* (L.) Tutin; *Glyceria rigida* (L.) Sm.; *Megastachya rigida* (L.) Roem. & Schult.; *Poa rigida* L.; *Scleropoa rigida* (L.) Griseb; "In Dalmatia, Crestate, 1854", no signature, com. Frauenfeld.

Gen. *Sclerochloa* P. Beauv.

Sclerochloa erbariales L. – (n. 8233/fsc. 24, p. 2/a) Ref.: Ess. Agrostogr. 98, 174, 177, pl. 19, f. 4. 1812; France, Languedoc-Roussillon, Narbonne, no date, leg. Vivlles.

Trib. *Aveneae* Dumort., 1824

Subtrib. *Alopecuridinae* Dumort., 1829

Gen. *Agrostis* C. Linnaeus, 1753

Agrostis setacea Vill. – (n. 8233/fsc. 23, p. 19/a) Ref.: Hist. Pl. Dauphiné 2: 76 1787; Syn.: *A. rupestris* All; unidentified locality, no date, leg. Timbal L. (Timbal-La-grave, Pierre Marguerite Édouard).

Agrostis stolonifera L. – (n. 8233/fsc. 23, p. 1/a) Ref.: Sp. Pl. ed. 1 62 (1753); Syn.: *Agrostis alba* auct., non L. subsp. *stolonifera* (L.) V. Jirásek; *Agrostis alba* auct., non L; *Agrostis albida* Trin; *Agrostis capillaris* Pollich, non L; Austria, Vienna, June 22, 1855, leg. J. Juratzka.

Agrostis sp. - (n. 8233/fsc. 23, p. 1/b) unidentified locality, 1858? leg. Pivoll.

Gen. *Alopecurus* C. Linnaeus, 1753

Alopecurus geniculatus L. – (n. 8233/fsc. 23, p. 15/a) Ref.: Sp. Pl. 60 1753; Syn.: *Tozzettia geniculata* (L.) Bubani; Romania, Bistrița-Năsăud, Dumbrăveni/Gancs (Pr Gancs, In Transsylvania septentrionale), no date, leg. Czet.

Alopecurus geniculatus L. – (n. 8233/fsc. 23, p. 15/b) Ref.: Sp. Pl. 60 1753; Syn.: *Tozzettia geniculata* (L.) Bubani; Ukraine, Oblast Harkov (Charkoviae in Rossia meridionalis), no date, leg. Cserniaew (Cerniaev ?).

Alopecurus gerardii Vill. – (n. 8233/fsc. 22, p. 6/b) Ref.: Syst. Pl. Eur. 1, Fl. Delph. 5 (1786); Syn.: *Colobachne gerardi* (Vill.) Link; *Phleum gerardi* All; France, Savoye, Mont Cenis, no date, leg. Huguenin

Alopecurus pratensis L. – (n. 8233/fsc. 23, p. 14/a) Ref.: Sp. Pl. ed. 1 60 (1753); Syn.: *A. alpestris* Wahlenb. ex Steud.; *A. altissimus* Schur; *A. laxiflorus* Ovcz.; *A. obscurus* Schur.; Ukraine, Oblast Harkov (Charkoviae in Rossia meridionalis), no date, leg. Cserniaew (Cerniaev ?).

Alopecurus pratensis L. – (n. 8233/fsc. 23, p. 15/c) Ref.: Sp. Pl. 60 1753; Syn.: *Tozzettia pratensis* (L.) Savi; Romania, Bistrița-Năsăud, Dumbrăveni/Gancs (In Transsylvania septentrionale, pratis montanis, pr. pag. Gancs), May 1858, leg. Janka.

Alopecurus ruthenicus Weinm. – (n. 8233/fsc. 23, p. 14/c) Ref.: Bot. Gart. Dorpat 10. 1810; Syn.: *A. arundinaceus* Poir.; *A. nigricans* Hornem; *A. ventricosus* Pers; Russia, Volgograd, Old Sarepta (In Sarepta - Rossie australe), 1858, leg. Becker

Alopecurus utriculatus Sol. – (n. 8233/fsc. 23, p. 14/b) Ref.: Nat. Hist. Aleppo ed. 2 2: 243 (1794); Syn.: *A. anthoxanthoides* Boiss; *A. utriculatus* subsp. *utriculatus*; Italy, Trieste (Pr. Triest in litoral M. Adriatica), 1858, leg. Pivoll.

Gen. *Calamagrostis* Adanson, 1763

Calamagrostis canescens (Weber) Roth – (n. 8233/fsc. 24 - p. 12/b) Ref.: Tent. Fl. Germ. 2(1): 93 (1789); Syn.: *C. lanceolata* Roth; *Achnatherum lanceolatum* (Roth) P. Beauv.; *Arundo canescens* Weber; Austria, Vienna, July 16, 1868, leg. J. Juratzka.

Calamagrostis epigejos (L.) Roth – (n. 8233/fsc. 24 - p. 13/b) Ref.: Tent. Fl. Germ. 1: 34 (1788); Syn.: *C. gigantea* Roshev; Germany, Brandenburg flora (In listener Egasulgnva), August 7, 1856, no date, no signature – Ex herbario Schrummii.

Calamagrostis lapponica (Wahlenb) Hartm. – (n. 8233/fsc. 24, p. 13/a) Ref.: Handb. Skand. Fl. ed. 1 46 (1820); Syn. *Arundo lapponica* Wahlenb.: *Deyeuxia lapponica* (Wahlenb) Kunth; Finland (Wilhelmina Lappo am eusif), no date, leg. Dr. Lager.

Calamagrostis pseudophragmites (Haller f.) Koeler – (n. 8233/fsc. 24, p. 12/a) Ref.: Descr. Gram. 106 (1802); Syn.: *Arundo laxa* (Host.) Wahlenb.; *A. littorea* Schrad.; *C. laxa* Host; *A. pseudophragmites* Haller f.; *C. glauca* (M. Bieb) Trin; *C. littorea* DC; *C. pseudophragmites*_var. *laxa* (Host) Brand; *C. pseudophragmites* (Haller f.) Koeler subsp. *dubia* (Bunge) Tzvelev; Romania, Caraș-Severin, Mehadia, no date, leg. Heuffel.

Gen. *Phleum* C. Linnaeus, 1753

Phleum alpinum L. – (n. 8233/fsc. 23, p. 16/b) Ref.: Sp. Pl. ed. 1 59 (1753); Syn.: *P. pratense* L. subsp. *alpinum* (L.) Asch. & Graebn; France, Mt. Pyreneis Centralibus, Port Derenusque, no date, leg. Timbal L. (Timbal-Lagrave, Pierre Marguerite Édouard).

Phleum arenarium L. – (n. 8233/fsc. 23, p. 16/a) Ref.: Sp. Pl. ed. 1 60 (1753); Syn.: *Achnodon arenarius* Link; *Achnodonton arenarium* Trin.; *Chilochloa arenaria* (L.) P. Beauv; *Crypsis arenaria* Desf.; *Phalaris arenaria* (L.) Huds.; Germany, Mecklenburg-Vorpommern (bei Warnimicnoderum dan Onpsnn), no date, leg. Griewank – Flora Megapolitana.

Phleum pratense L. – (n. 8233/fsc. 23, p. 18/a) Ref.: Sp. Pl. 59 1753; Syn.: *P. vulgare* (Čelak.) Asch. & Graebn; *Plantinia pratensis* (L.) Bubani; *Stelephuros praten-sis* (L.) Lunell; Germany, unidentified locality, August 7, 1856, no signature – label: Ex herbario Schrammii.

Subtrib. *Aveninae* J. Presl, in C. Presl, 1830

Gen. *Arrhenatherum* Palisot de Beauvois, 1812

Arrhenatherum elatius (L.) P. Beauv. ex J. Presl & C. Presl. – (n. 8233/fsc. 26, p. 17/b) Ref.: Fl. Cech. 17 1819; Syn.: *Avena bulbosa* Willd; Pyreneis centralis soutes les praines du lus des valles, no date, leg. Timbal-Lagrave.

Arrhenatherum elatius (L.) P. Beauv. ex J. Presl & C. Presl – (n. 8233/fsc. 28, p. 12/a) Ref.: Fl. C\$. Kechica 17 (1819); Syn.: *A. avenaceum* P. Beauv; *A. avenaceum* P. Beauv. subsp. *avenaceum*; *Avena elatior* L; Prixinae, in lapidum, no date, leg. Hofman.

Gen. *Avena* C. Linnaeus, 1753

Avena barbata Pott ex Link subsp. *barbata* – (n. 8233/fsc. 26, p. 15/c) Ref.: Jour. für die Bot. 1799(2): 315 (1800); Syn.: *A. hirsuta* Moench; *A. hirtula* Lag; *A. barbata*

Pott ex Link subsp. *hirtula* (Lag.) Tab. Morais; *Avena* Schreb. subsp. *hirtula* (Lag.) Malzev; France, Languedoc-Roussillon, Aude, Narbonne, no date, leg. Huguenin.

Avena carpatica Host – (n. 8233/fsc. 26, p. 16/c) Ref.: Icon. Descr. Gram. Austriac. 4: 18 1809; Syn.: *Helictotrichon pubescens* (Huds.) Schult. & Schult.f.; *Trisetum carpaticum* (Host) Roem. & Schult.; Romania, Transsylvania (alpen Korongyes), 1861, leg. Czetz.

Avena cavanillesii (Trin.) W. D. J. Koch – (n. 8233/fsc. 26, p. 15/b) Ref.: Fl. Germ. Helv. 797 1837; Syn.: *Trisetaria loeflingiana* (L.) Paunero; Switzerland (Pittnu, Bureir), May 1856, leg. Christ. Notar.

Avena inbrycata Claiv.? – (n. 8233/fsc. 26, p. 13/b) – Austria, Tirol, pr. Kalo (8200'), August 1856, leg. Huter.

Avena planiculmis Schrad. – (n. 8233/fsc. 26, p. 16/b) – Syn.: *Avenula planiculmis* (Schrad) W. Sauer & Cmel; *Helictotrichon planiculme* (Schrad) Henrard; Hungary, Scepusie, no date, leg. Kaldchenaes.

Avena pubescens Huds. var. *carpatica* – (n. 8233/fsc. 26, p. 16/a) Ref.: Fl. Angl., ed. 1: 42 1762; Syn.: *A. pubescens* Huds. f. *carpatica* Zapal; *A. pubescens* Huds; *Avenula pubescens* (Huds.) Dumort; Romania, Transsylvania (In Transsylvaniae septentrionalis, alpinus pr. Rodna), no date, leg. Czetz.

Avena sterilis L. subsp. *ludoviciana* (Durieu) Nyman – (n. 8233/fsc. 26, p. 13/a) Ref.: Consp. 810 (1882); Syn.: *A. ludoviciana* Durieu; unidentified location (in cuc-tes Volosa), no date, leg. Timbal-Lagrange.

Avena tenuis Moench – (n. 8233/fsc. 26, p. 15/a) Ref.: Methodus 195 1794; Syn.: *Ventenata dubia* (Leers) Coss. & Durieu; unidentified location, 1856, leg. Makosvsky.

Gen. *Deschampsia* Palisot de Beauvois, 1812

Deschampsia cespitosa (L.) P. Beauv. – (n. 8233/fsc. 28, p. 9/a) Ref.: Ess. Agrostogr. 91 1812; Syn.: *Aira cespitosa* L; *Avena caespitosa* Caffra; *Avena cespitosa* (L.) Kuntze; *D. glauca* Hartm; Romania, Maramureş, August 7, 1857, no signature

Deschampsia cespitosa (L.) P. Beauv. – (n. 8233/fsc. 28, p. 8/b) Ref.: Agrost. 91, 160 (1812); Syn.: *Aira cespitosa* L; *A. cespitosa* L. subsp. *cespitosa*; *D. glauca*

Hartm; Romania, Bistrița-Năsăud, Dumbrăveni/Gancs (Pr. Gancs Transsylvaniae septentrionalis), June 28, 1858, leg. Czetz.

Deschampsia cespitosa (L.) P. Beauv. subsp. *alpina* (L.) Tzvelev – (n. 8233/fsc. 28, p. 11/a) Ref.: Agrost. 91, 160 (1812); Syn.: *Aira alpina* L.; *D. alpina* (L.) Roem. & Schult; Norway, Kongsvoll (or Kongsvold) (Norveg., ad Kongsvold ad alpinus Dovrensibus), July 1857, leg. C. Hartman.

Gen. *Koeleria* Persoon, 1805

Koeleria hirsuta Gaudich. – (n. 8233/fsc. 21, p. 15/a) Ref.: Alpina (Winterthur) 3: 48 (1808); Syn.: *K. flavovirens* Domin; Switzerland, Canton d'Appenzell Rhoden (ad moles glaciales Rhodeni), no date, leg. Dr. Lager

Koeleria vallesiana (Honck.) Gaudin – (n. 8233/fsc. 22, p. 10/b) Ref.: Alpina (Winterthur) 3: 47 (1808); Syn.: *K. valesiaca* Gaudich; *K. alpicola* Gren. & Godr; Switzerland, San Grancher, Unterwallig?, no date, leg. Dr. Lager.

Subtrib. *Phalaridinae* Fr., 1835

Gen. *Anthoxanthum* C. Linnaeus, 1753

Anthoxanthum gracile Biv. – (n. 8233/fsc. 22, p. 4/a) Ref.: Stirp. Rar. Sic. Descr. 1: t. 1, fig. 1 (1813); Italy, Palermo (in pascuis montoris calcareis), no date, leg. Todaro.

Anthoxanthum odoratum L. – (n. 8233/fsc. 22, p. 11/b) Ref.: Sp. Pl. ed. 1 28 (1753); Syn.: *Xanthonanthes odoratus* (L.) St.-Lag.; Ninius, no date, leg. Sebanto („Botanischer Tauschverein in Wien“).

Gen. *Phalaris* C. Linnaeus, 1753

Phalaris arundinacea L. – (n. 8233/fsc. 22, p. 15/b) Ref.: Sp. Pl. ed. 1 55 (1753); Syn.: *Phalaroides arundinacea* (L.) Rauschert; *Baldingera arundinacea* (L.) Dumort; *Digraphis arundinacea* (L.) Trin; *Typhoides arundinacea* (L.) Moench; no locality, no date, no signature.

Phalaris canariensis L. – (n. 8233/fsc. 22, p. 15/a) Ref.: Sp. Pl. ed. 1 54 (1753); Syn.: *P. aquatica* Delile ex Boiss.; *P. avicularis* Salisb.; *P. ovata* Moench; Italy, Friuli-Venetia Giulia, Trieste, Contovello, May 1857, no signature.

Phalaris coerulescens Desf. – (n. 8233/fsc. 22, p. 16/b) Ref.: Fl. Atl. 1: 56 (1798); Syn.: *P. aquatica* auct. lusit., non L.; *P. paradoxa* var. *coerulescens* (Desf.) Pau-

nero; France, unidentified location (Bord de ruisseau en allot d'hyern un pruy-mirs?), June 28, 1854; leg. Huet et Jacquiny.

Phalaris minor Retz. – (n. 8233/fsc. 22, p. 16/a) Ref.: Obs. Bot. 3: 8 (1783); Syn.: *P. ambigua* Fig. & De Not.; *P. aquatica* Thunb.; *P. aquatica* var. *minor* (Retz.) Mutel; *P. minor* var. *minor*; Croatia, unidentified location, no date, no signature; Ex Herbare Florae Illyricae; comm. M. Tommasini.

Phalaris paradoxa L. – (n. 8233/fsc. 22, p. 17/a) Ref.: Sp. Pl. ed. 2 1665 1763; Syn.: *P. appendiculata* Schult.; *P. obvallata* Trin.; France, Languedoc-Roussillon, Aude, Narboun, no date, leg. Huguenin.

Trib. *Brachypodieae* Harz, 1880

Gen. *Brachypodium* Palisot de Beauvois, 1812

Brachypodium pinnatum (L.) P. Beauv. – (n. 8233/fsc. 22, p. 1/a) Ref.: Agrost. 101 & 155 (1812); Syn.: *Agropyron pinnatum* (L.) Chevall.; *Festuca pinnata* (L.) Huds.; *Tragus pinnatus* (L.) Panz.; *Triticum pinnatum* (L.) Moench; Romania, Transsylvania, 1854, leg. Czetz.

Brachypodium pinnatum (L.) P. Beauv. – (n. 8233/fsc. 22, p. 2/b) Ref.: Agrost. 101 & 155 (1812); Syn.: *Agropyron pinnatum* (L.) Chevall.; *Festuca pinnata* (L.) Huds.; *Tragus pinnatus* (L.) Panz.; *Triticum pinnatum* (L.) Moench; Romania, Banat (In rupestris montanus), June-July 16, no year, leg. Heuffel – Obs.: degraded specimen.

Brachypodium ramosum Roem. & Schult. – (n. 8233/fsc. 25, p. 13/a) Ref.: Agrost. 101 & 155 (1812); Spain, Andalucia, Siera Nevada, 1855, leg. Del Campo – com. Alioth (degraded specimen).

Brachypodium ramosum Roem. & Schult. – (n. 8233/fsc. 25, p. 13/b) Ref.: Agrost. 101 & 155 (1812); Croatia, In Dalmatia, 1854, leg. Frauenfeld (obs.: degraded specimen).

Trib. *Bromeae* Dumort., 1824

Gen. *Bromus* C. Linnaeus, 1753

Bromus brachystachys Hornung – (n. 8233/fsc. 25, p. 12. bis /b) Ref.: Flora (Regensb) 16: 417 (1833); Syn.: *B. tigridis* Boiss. & Noë; Germany, Sachsen-Anhalt, Aschersleben (pr. Ascherleben), no date, leg. J. N. Buek (obs.: degraded specimen).

Bromus commutatus Schrad. – (n. 8233/fsc. 25, p. 12. bis /a) Ref.: Fl. Germ. 353 (1806); Syn.: *Brachypodium commutatum* (Schrad) P. Beauv.; *Forasaccus commutatus* (Schrad) Bubani; *Serrafalcus commutatus* (Schrad) Bab; unidentified location, June 1857, leg. Al. Slakorosky.

Bromus erectus Huds. – (n. 8233/fsc. 25, p. 10/a) Ref.: Fl. Angl. ed. 1 39 (1762); Syn.: *B. pubiflorus* Borbás; *B. borbasii* Hack; *Bromopsis erecta* (Huds.) Fourr; *Zerna erecta* (Huds.) Gray; Austria, Vienna, June 7, 1855, leg. J. Juratzka.

Bromus squarrosus L. – (n. 8233/fsc. 25, p. 12/a) Ref.: Sp. Pl. ed. 1 76 (1753); Syn.: *B. wolgensis* Fisch. ex Jacq; *Serrafalcus squarrosus* (L.) Bab; Romania, Banat, June 2, 1856, leg. Heuffel.

Bromus tectorum L. – (n. 8233/fsc. 25, p. 10/b) Ref.: Sp. Pl. ed. 1 77 (1753); Syn.: *Anisantha tectorum* (L.) Nevski; *Zerna tectorum* (L.) Panz; Romania, Banat (In rupestribus Banatus), no date, leg. Heuffel.

Bromus valesiacus Mihi – (n. 8233/fsc. 25, p. 12/b) Switzerland, unidentified location (Montorge Phoreeid?), May 1856, leg. Christ Notar.

Trib. *Hainardieae* Greuter, in W. Greuter & K.H. Rechinger, 1967

Gen. *Pholiurus* Trinius, 1820

Pholiurus pannonicus (Host) Trin. – (n. 8233/fsc. 21, p. 18/a) Ref.: Fund. Agrost. 132 (1820); Syn.: *Rottboellia pannonica* Host; *Lepturus pannonicus* (Host) Kunth; Romania, Banat, no date, leg. Heuffel.

Trib. *Meliceae* Link ex Endl., 1830

Gen. *Glyceria* R. Brown, 1810, nom. cons.

Glyceria festucaeformis Degen ex Sommier – (n. 8233/fsc. 26, p. 9/b) Ref.: Prodr. Fl. Nov. Holl. ed. 1 179 (1810); Syn.: *G. festucaeformis* Schur; *G. festucaeformis* Reyhnhold; Russia, Volgograd Oblast, Sarepta (Pr. Sarepta ad Wolgam infer.), no date, leg. Becker.

Glyceria festucaeformis Degen ex Sommier – (n. 8233/fsc. 26, p. 11/a) Ref.: Prodr. Fl. Nov. Holl. ed. 1 179 (1810); Syn.: *G. festucaeformis* Schur; *G. festucaeformis* Reyhnhold; Croatia, Salyna (In Salinea enimba...), no date, comm. M. Tommasini – Ex Herbario Florae Illyricae.

Glyceria fluitans var. *obtusiflora* Sonder – (n. 8233/fsc. 26, p. 8/b) – Ref.: Prodr. Fl. Nov. Holl. ed. 1 179 (1810); Syn.: *G. plicata* (Fr.) Fr; Germany, Hamburg, no date, no signature – Herbar. W. Sonder.

Glyceria maxima (Hartm.) Holmb. – (n. 8233/fsc. 26, p. 8/a) Ref.: Bot. Not. 1919: 97 (1919); Syn.: *G. aquatica* (L.) Wahlenb., non (L.) J. Presl & C. Presl; Romania, Transsylvania, Bistrița-Năsăud, Dumbrăveni/Gants, June 16, 1858, no signature (possibly A. Czetz).

Glyceria maxima (Hartm.) Holmb. – (n. 8233/fsc. 26, p. 9/a) Ref.: Bot. Not. 1919: 97 (1919); Syn.: *G. spectabilis* Mert. & W. D. J. Koch; *G. altissima* (Moench) Schloss. & Vuk; *G. aquatica* (L.) Wahlenb., non (L.) J. Presl & C. Presl; Italy, Trentino-Alto Adige/Südtirol, Bolzano/Bozen, no date, leg. Hausmann.

Gen. *Melica* C. Linnaeus, 1753

Melica ciliata L. subsp. *ciliata* – (n. 8233/fsc. 22, p. 9/b) Ref.: Sp. Pl. ed. 1 66 (1753); Syn.: *M. glauca* F. W. Schultz; *M. flavescens* (Schur) Simonk; *M. simulans* Klokov; *M. nebrodensis* Parl; Switzerland, unidentified location (In der amgogong non Sittion?), no date, leg. Dr. Lager

Melica uniflora L. – (n. 8233/fsc. 28, p. 5/a) Ref.: Obs. Bot. 1: 10 (1779); Romania, Bistrița-Năsăud, Dumbrăveni/Gancs (Transsylvania septentrionale, in silvis prope pag. Gancs), no date, leg. Czetz, com. Janka.

Trib. *Poeae* R. Br., in M. Flinders, 1814

Gen. *Aira* C. Linnaeus, 1753

Aira caryophyllea L. – (n. 8233/fsc. 28, p. 9/b) Ref.: Sp. Pl. ed. 1 66 (1753); Syn.: *Airella caryophyllea* (L.) Dumort.; *Aiopsis caryophyllea* (L.) Fr.; *Aspris caryophyllea* (L.) Nash; *Avena caryophyllea* (L.) Weber; *Avenastrum caryophylleum* (L.) Jess.; *Caryophyllea airoides* (L.) Opiz; *Deschampsia baetica* (Trin.) Willk. & Lange; *Fussia caryophyllea* Schur; *Salmasia multiculmis* (Dumort.) Bubani; Romania, Banat (In pascuis montanis Banates), May-June, leg. Heuffel

Aira caryophyllea L. – (n. 8233/fsc. 28, p. 8/a) Ref.: Sp. Pl. 66 1753; Syn.: *A. aggregata* Timeroy ex Bor. France, unidentified location (Colow), June 1876, leg. Timbal-Lagrange.

Gen. *Avenella* Parl.

Avenella cuprina Schur – (n. 8233/fsc. 21, p. 15/b) Ref.: Verh. Mitth. Siebenbürg.

Vereins Naturwiss. Hermannstadt 4: 85 1853; Syn.: *Deschampsia flexuosa* (L.) Trin; Romania, Transsylvania, Bistrița-Năsăud, Rodna, July 1860, leg. Czetz.

Gen. *Briza* C. Linnaeus, 1753

Briza maxima L. – (n. 8233/fsc. 28, p. 3/b) Ref.: Sp. Pl. ed. 1 70 (1753); Syn.: *B. dalmatica* Gand.; *B. gracilescens* Gand; France, Languedoc- Roussillon, Pyrénées Orientales, Ceret, Pot-Vendres (Port Vendres in Pyrénées orientalis), no date, leg. Pony.

Briza media L. – (n. 8233/fsc. 28, p. 3/a) Ref.: Sp. Pl. ed. 1 70 (1753); Syn.: *B. media* L.; *B. intermedia* Samp; *B. australis* Prokudin; Czech Republic (Im Cserevicser Gebirge), May 29, 1854, leg. Schneller.

Gen. *Colpodium* Trinius, 1822

Colpodium humile (M. Bieb) Griseb. – (n. 8233/fsc. 22, p. 7/a) Ref.: Fl. Ross. 4: 384 1852; Syn.: *Catabrosella humilis* (M. Bieb) Tzvelev (Bot. Z.Kur. 50: 1320; 1965); Russia, Volgograd Oblast, Sarepta (Pr. Sarepta as Wolgam inferioren), no date, leg. A. K. Becker.

Gen. *Cynosurus* C. Linnaeus, 1753

Cynosurus echinatus L. – (n. 8233/fsc. 24, p. 1/a) Ref.: Sp. Pl. 72 1753; Syn.: *Chrysurus echinatus* (L.) P. Beauv.; *Falona echinata* (L.) Dumort.; *Phalona echinata* (L.) Dumort.; France, Drome, Valence, Montchenu, Blereir, July 1854; leg. Christ Notar

Cynosurus echinatus L. – (n. 8233/fsc. 24, p. 2/c) Ref.: Sp. Pl. 72 1753; Syn.: *Chrysurus echinatus* (L.) P. Beauv.; *Falona echinata* (L.) Dumort.; *Phalona echinata* (L.) Dumort.; Italy, Trieste, May 1887, leg. Pivoll.

Cynosurus elegans Desf. – (n. 8233/fsc. 22, p. 2/a) Ref.: Fl. Atlant. 1: 82 1798; Syn.: *C. polybracteatus* auct., non Poir; *Chrysurus elegans* (Desf.) P. Beauv.; *Falona elegans* (Desf.) V. Jirásek & Chrték; France, unidentified location (heux herboux un nord de farou.), May 14, 1857, leg Huet.

Gen. *Festuca* C. Linnaeus, 1753

Festuca canescens Host. – (n. 8233/fsc. 24 - p. 7/b) Ref.: Fl. Austriac. 1: 155. 1827; Syn.: *F. laxa* subsp. *canescens* (Host) St.-Yves; Slovenia (Zaplata alyn in Krain), July 13, 1856, no signature.

Festuca canescens Host. – (n. 8233/fsc. 24 - p. 7/b) Ref.: Fl. Austriac. 1: 155. 1827; Syn.: *F. laxa* subsp. *canescens* (Host) St.-Yves; Slovenia (Zaplata alyn in Krain), July 13, 1856, no signature.

Festuca drymeja Mert. & W. D. J. Koch – (n. 8233/fsc. 24, p. 10. bis /a) Ref.: Deutschl. Fl. ed. 2, 1: 670 1823; Syn.: *Drymochloa drymeja* (Mert. & W. D. J. Koch) Holub; *F. exaltata* C. Presl; *F. montana* M. Bieb., non Sternb. & Hoppe; *Poa bannatica* Kit.; *P. bannatica* Willd. ex Steud.; *P. drymeja* (Mert. & W. D. J. Koch) Heynh.; Romania, Transsylvania, Bistrița-Năsăud, Dumbrăveni/Gants (Gantsi hatar), no date, no signature (leg. Czetetz, based on handwriting and locality).

Festuca flavescens Bellardi – (n. 8233/fsc. 24 - p. 10/b) Ref.: App. Fl. Pedem. 11 (1792); Syn.: *F. pumila* var. *flavescens* (Bellardi); *F. varia* subsp. *acuminata* (Gaudin) K. Richt.; *F. varia* subsp. *flavescens* (Bellardi) Hack.; Italy, Reg. Venezia, Prov. Belluno, Colle Santa Lucia (Tirol. Lisinalogosgo bei Colls. S. Lucia), no date, leg. Huter – Ex Herbario J. C. Equitis Pittoni a Dannenfeldt

Festuca gigantea (L.) Vill. – (n. 8233/fsc. 24, p. 5/a) Ref.: Hist. Pl. Dauph. 2: 110 (1787); Syn.: *Avena gigantea* (L.) Salisb.; *Bromus giganteus* L.; *B. gyganteus* Crantz; *Bucetum giganteum* Parn.; *Drymonaetes giganteus* Fourr.; *F. gigantea* var. *uliginosa* Schur; *F. pseudogigantea* Ovcz. & Shibkova; *F. triflora* (L.) Sm.; *Forasaccus giganteus* (L.) Bubani; *Lolium giganteum* (L.) Darbysh.; *Schedonorus giganteus* (L.) Holub; *S. giganteus* Gaudin ex Roem. & Schult.; *S. giganteus* (L.) Soreng & Terrell; *Trisetum flaccidum* (Hack. ex Hook.f.) R. R. Stewart; *Zerna gigantea* (L.) Panz. ex B. D. Jacks.; Austria, Vienna, May 20, 1858, leg. J. Juratzka.

Festuca gigantea (L.) Vill. – (n. 8233/fsc. 24, p. 7/a) Ref.: Hist. Pl. Dauphiné 2: 110 1787; Syn.: *Avena gigantea* (L.) Salisb.; *Bromus giganteus* L.; *Zerna gigantea* (L.) Panz. ex B. D. Jacks.; Romania, Maramureș, 1857, leg. Gubuska.

Festuca indigesta Boiss. – (n. 8233/fsc. 24, p. 4/a) Ref.: Elenchus 91 (1838); Syn.: *F. ovina* subsp. *indigesta* (Boiss.) Hack.; *F. ovina* var. *litardierei* St.-Yves; *F. ovina* subsp. *molineri* (Litard) O. Bolòs & Vigo; *F. ovina* var. *molineri* Litard.; *F. saxifraga* Miégev.; *F. segimonensis* Fuente & Ortúñez; Spain, regionis nivalis Sierra Nevada I. d. Cueva de Panderone (cueva de Panderone, S. nev), July 1855, leg. Del Campo, com. Alioth.

Festuca meyaphylla Schur – (n. 8233/fsc. 24, p. 8/a) Ref.: Decheniana 117: 195 1964; Syn.: *F. nigrescens* Lam; *F. microphylla* (St.-Yves) Patzke; Romania, Trans-

sylvania (Campustribus alpinis graiut Transilvanica in monte Bulla am Bullafall), July, leg. Dr. Schur.

Festuca heterophylla Lam. – (n. 8233/fsc. 24, p. 10/a) Ref.: Fl. Fr. ed. 1 3: 600 (1779); Syn.: *F. heterophylla* Bertolone; *F. heterophylla* f. *leiophylla* (Hack.) Bel-die; *F. nemorum* Leyss.; *F. rubra* var. *heterophylla* (Lam.) Mutel; *F. transsilvanica* Schur; *F. vulpioides* Steud.; Switzerland, Canton de Vaud, Sauvabelin, June 1856, leg. Christ. Notar.

Festuca nigricans Schleich. – (n. 8233/fsc. 21, p. 16/a) Ref.: Cat. Pl. Helv. 13 1800; Annotation: nom. nud., Simonk, Enum. Fl. Transilv. 590 (1886); Syn.: *F. nigricans* Lam. ex Schleich; Romania, Transsylvania, Bistrița-Năsăud, Rodna, July 1862, leg. Czetz.

Festuca ovina L. – (n. 8233/fsc. 24 - p. 10. bis /b) Ref.: Sp. Pl. 73 1753; Syn.: *Avena ovina* Salisb.; *Bromus ovinus* Scop; *F. vulgaris* (K. Koch) Hayek; *Gnomonia ovina* (L.) Lunell. Belgium, Schoonhoven (Brabant), Juillet 1863, no signature – label: Ex Herb. Armand Thielens, B. S. N. Tirlemont (Belgium) (Obs.: wrongly identified as *Pilularia globulifera* Lin. instead of *F. ovina* L.).

Festuca pratensis Huds. – (n. 8233/fsc. 22, p. 9/a) Ref.: Fl. Angl. ed. 1 37 (1762); Syn.: *F. elatior* L.; *F. elatior* L. subsp. *elatior*; *F. elatior* L. subsp. *pratensis* (Huds.) Hack; *F. elatior* L. subsp. *arundinacea* (Schreb) Hack; *F. arundinacea* Schreb; Belgium, Hani, June 1861, no signature - Ex Herb. Armand Thielens, D. S. N. Tirlemont (Belgium).

Festuca rubra L. – (n. 8233/fsc. 24, p.5/b) Ref.: Sp. Pl. ed. 1 74 (1753); Syn.: *Avena dura* Salisb.; *Bromus glaucus* Spreng.; *F. arenaria* Osbeck; *F. glabra* Lightf.; *F. fallax* Thuill; Austria, Vienna, June 14, 1858, leg. J. Juratzka.

Festuca violacea Ser. ex Gaudin – (n. 8233/fsc. 24 - p. 8/c) Ref.: Alpina (Winterthur) 3: 57 (1808); Syn.: *F. iniopoda* Schur; *F. nigricans* (Hack.) K. Richt; *F. rubra* var. *nigricans*; *F. rubra* subsp. *violacea*; *Poa aurata* (Gaudich.) P. Beauv. ex Steud; *Schedonorus auratus* (Gaudich.) P. Beauv; *S. violaceus* (Gaudich.) P. Beauv; Romania, Transsylvania (Pr. pasonis alpin Transsilvan. In monte Butian), July, Dr. Schur.

Gen. *Hierochloe* R. Brown, 1810

Hierochloe australis (Schrad) Roem. & Schult. – (n. 8233/fsc. 23, p. 13/a) Ref.: Syst. Veg. 2: 514 1817; Syn.: *Anthoxanthum australe* (Schrad) Veldkamp; *Holcus*

australis Schrad.; Czech Republic, Teplitz, May 29, 1851, leg. illegible
Hierochloe australis (Schrad) Roem. & Schult. – (n. 8233/fsc. 23, p. 13/b) Ref.: Syst. Veg. 2: 514 1817; Syn.: *Anthoxanthum australe* (Schrad) Veldkamp; *Holcus australis* Schrad.; Italy, Trentino- Alto Adige/Sudtirolo, Bolzano/Bozen, no date, leg. Hausm.

Hierochloe odorata (L.) P. Beauv. – (n. 8233/fsc. 22, p. 17/b) Ref.: Ess. Agrostogr. Atlas: t. 12, f. 5 1812; Syn.: *Anthoxanthum nitens* (G. H. Weber) Y. Schouten & Veldkamp; *H. borealis* (Schrad) Roem. & Schult.; *H. odorata* (L.) Wahlenb.; *Holcus borealis* Schrad.; *H. odoratus* L.; Slovakia, Bratislava/Breslau, no date, leg. Ulchtrich (Botanischer Tauschverein in Wien).

Hierochloe odorata (L.) P. Beauv. – (n. 8233/fsc. 22, p. 17/c) – Ref.: Ess. Agrostogr. Atlas: t. 12, f. 5 1812; Syn.: *Anthoxanthum nitens* (G. H. Weber) Y. Schouten & Veldkamp; *H. borealis* (Schrad) Roem. & Schult.; *H. odorata* (L.) Wahlenb.; *Holcus borealis* Schrad.; *H. odoratus* L.; Russia, Volgograd Oblast, Sarepta (Sarepta – in as Wolgam inferior), no date, leg. A. K. Becker.

Hierochloe odorata (L.) Wahlenb. – (n. 8233/fsc. 23, p. 12/a) Ref.: Flora Upsalien-sis 8: 32. 1820; Syn.: *Avena odorata* (L.) Koeler; *H. odorata* (L.) P. Beauv.; *Holcus odoratus* L.; Germany, unidentified location, May 28, 1853, leg. Kornicke.

Hierochloe odorata (L.) Wahlenb. – (n. 8233/fsc. 23, p. 12/b) Ref.: Flora Upsalien-sis 8: 32. 1820; Syn.: *Avena odorata* (L.) Koeler; *H. odorata* (L.) P. Beauv.; *Holcus odoratus* L.; Romania, Cluj, Cluj-Napoca (Claudiopolis, St. György hegys in sub-solis), May 1855, leg. Wolff.

Hierochloe repens (Host) P. Beauv. – (n. 8233/fsc. 22, p. 17/d) Ref.: Ess. Agros-togr. 62 1812; Syn.: *H. orientalis* Fr. & Heuff.; *H. odorata* subsp. *pannonica* Chrtek & V. Jirásek; *Anthoxanthum repens* (Host) Veldkamp; Romania, Banat (In agris arenosis ad Grebenaiz legironis Illyrico-Banaticae), aprilie-mai, leg. Heuffel.

Gen. *Lamarckia* Moench

Lamarckia aurea (L.) Moench – (n. 8233/fsc. 28, p. 12/b) Ref.: Meth. 201 (1794); Syn.: *Cynosurus aureus* L.; France, Pyrénées centralis, May 20, 1852, leg. Timbal (Timbal-Lagrave).

Gen. *Lolium* C. Linnaeus, 1753

Lolium linicola Sonder. – (n. 8233/fsc. 25, p. 1/a) Ref.: Index Seminum [Berlin] 4:

4. 1857; Syn.: *L. remotum* Schrank; Italy (Süd-Tirol?), unidentified locality (Lein-Oecher am Orchnud?), no date, leg. Hausm.

Lolium linicola Sonder. – (n. 8233/fsc. 25, p. 1/a) Ref.: Index Seminum [Berlin] 4: 4. 1857; Syn.: *L. remotum* Schrank; Italy (Süd-Tirol?), unidentified locality (Lein-Oecher am Orchnud?), no date, leg. Hausm.

Lolium temulentum L. – (n. 8233/fsc. 25, p. 1/b) – Ref.: Sp. Pl. ed. 1 83 (1753); Syn.: *L. arvense* With; *L. linicola* A. Braun; *L. triticoides* Janka; unidentified locality (Nindrusburg?), July 30, 1853, com. illegible (Scherzer Bip?).

Lolium tenue L. – (n. 8233/fsc. 25, p. 2/a) Ref.: Sp. Pl. ed. 2 122 1762; Syn.: *Festuca perennis* (L.) Columbus & J. P. Sm.; *L. perenne* L.; *L. perenne* subsp. *perenne*; *L. perenne* var. *perenne*; *L. cristatum* L. ex Nyman; *L. cristatum* Pers. ex B. D. Jacks.; *L. gmelinii* Honck.; *L. trabutii* Hochr.; *L. vulgare* Host; Czech Republic (In graminosis fertile bus. Boh.), Sept., leg. W. J. Sekena, Mac. Phar. Monacho-Hradecii in Boh. (label: "Botanischer Tauschverein in Wien").

Gen. *Milium* C. Linnaeus, 1753

Milium effusum L. – (n. 8233/fsc. 28, p. 16/b) Ref.: Sp. Pl. ed. 1 61 (1753); Syn.: *Agrostis effusa* Lam.; *Alopecurus effusus* Link ex Kunth; *Decandolia effusa* (Lam.) T. Bastard; *M. transsilvanicum* Schur; *M. transsilvanicum* var. *lerchenfeldianum* Schur; *Paspalum effusum* (L.) Raspail; Romania, Bistrița-Năsăud, Rodna (Pr. Rodna Transsylvaniae), no date, leg. Czetz.

Gen. *Poa* C. Linnaeus, 1753

Poa arctica R.Br. – (n. 8233/fsc. 26, p. 6/a) Ref.: Jour. Voy. N. W. Pass. (Suppl. App.) 288 (1824); Syn.: *P. cenisia* auct., non All; *P. petschorica* Roshev; *P. rigens* auct., non Hartm; *P. stricta* Lindeb., non D. Don; *P. flexuosa* Wahlenb., non Sm; Norway, in alpihus Dovrensibus, 1857, leg. C. Hartman (obs.: revised by Janka and inscribed on the label as *P. arctica* R. Br., = syn. *P. cenisia* auct., non All, instead of *P. cenisia* All.).

Poa attenuata Trin. – (n. 8233/fsc. 22, p. 10/a) Ref.: Mém. Acad. Imp. Sci. St.-Pétersbourg, Divers Savans 2: 527 1835; Syn.: *P. albertii* Regel; *P. breviligula* L. Liu; *P. crymophila* Keng; *P. dahurica* Trin.; *P. festuroides* N. R. Cui; *P. parafestuca* L. Liu; Romania, Bistrița-Năsăud, Rodna, 1856, leg. Czetz.

Poa chaixii Vill. – (n. 8233/fsc. 26, p. 3/a) Ref.: Syst. Pl. Eur. 1, Fl. Delph. 7 (1786); Syn.: *P. sudetica* Haenke; Hungary, Scepnusii, no date, leg. Kolchbreuer.

Poa chaixii Vill. – (n. 8233/fsc. 26, p. 3/b) Ref.: Syst. Pl. Eur. 1, Fl. Delph. 7 (1786); Syn.: *P. sudetica* Haenke; Romania, Arad, Lipova, Radna, 1858, no signature.

Poa collina Wolf. – (n. 8233/fsc. 26, p. 5/a) Ref.: Sp. Pl. 1: 67. 1753. (May 1, 1753); Austria, Vienna, June 7, 1855, leg. J. Juratzka.

Poa hybrida Gaudin – (n. 8233/fsc. 28, p. 1/a) Ref.: Alpina (Winterthur) 3: 46 (1808); Syn.: *P. jurana* P. A. Genty; Romania, Transsylvania, July 1858, no signature (possibly A. Czetzy).

Poa laxa Haenke – (n. 8233/fsc. 26, p. 2/b) Ref.: Beob. Reis. Riesengeb. 118 (1791); Syn.: *P. tremula* Schur; *P. x custurae* Nyár. pro parte; Romania, Transsylvania (In petrosis alpinum Transilv. An monte Bulla.), July, no year, leg. Dr. Schur.

Poa media Schur – (n. 8233/fsc. 26, p. 5/b) Ref.: Verh. Mitt. Siebenb. Ver. Naturw. 4 (Sert. Fl. Transs.): 87 (1853); Syn.: *P. ursina* Velen; *P. x custurae* Nyár. pro parte; Romania, Transsylvania (In pratis alpinis Transilvan. an munto Dealu negru), July, no year, leg. Schur.

Poa nemoralis L. – (n. 8233/fsc. 26, p. 1/b) Ref.: Sp. Pl. ed. 1 69 (1753); Syn.: *P. lapponica* Prokudin; *P. hypanica* Prokudin; Romania, Bistrița-Năsăud, Rodna, 1885, no signature (possibly A. Czetzy).

Poa olympica Schott, Nyman & Kotschy – (n. 8233/fsc. 26, p. 6/c) Ref.: Analect. Bot. 2 1854; Syn.: *P. alpina* L.; no locality, no date, no signature.

Poa palustris L. – (n. 8233/fsc. 26, p. 2/a) Ref.: Syst. Nat. ed. 10 2: 874 (1759); Syn.: *P. fertilis* Host; *P. serotina* Ehrh. ex Hoffm; Austria, Vienna (in Prater b. Wien, June 16, 1858, leg. Juratzka and Janka.

Poa palustris L. – (n. 8233/fsc. 28, p. 1/c) Ref.: Syst. Nat. ed. 10 2: 874 (1759); Syn.: *P. serotina* Ehrh. ex Hoffm; *P. tanfiljewii* Roshev; *P. volhynensis* Klovov; Germany, Flora Brandenburg und Winson, August 3, 1857, no signature – Ex herbario Schrammii.

Poa perconcinna J.R.Edm. – (n. 8233/fsc. 26, p. 2/c) Ref.: Bot. Jour. Linn. Soc. 76: 330 (1878); Syn.: *P. concinna* Gaudin, non R. Br; *P. bulbosa* L. subsp. *concin-*

na (Gaudin) Hayek; *P. molinerii* Lam. & DC., non Balb; unidentified location, May 1856, leg. illegible (stamp: Christ Notar).

Poa pratensis L. – (n. 8233/fsc. 26, p. 6/b) Ref.: Sp. Pl. ed. 1 67 (1753); Syn.: *P. pratensis* L. subsp. *attica* (Boiss. & Heldr.) Rech.f; Romania, Transsylvania, Bistrița-Năsăud, Dumbrăveni/Gants, June 20, 1868, no signature (possibly A. Czetz).

Poa pungens M. Bieb. – (n. 8233/fsc. 26, p. 1/a) Ref.: Fl. taur.-caucas. 1:65. 1808; Syn.: *Aeluropus littoralis* (Gouan) Parl.; *A. littoralis* (Gouan) Parl. subsp. *pungens* (M. Bieb) Tzvelev; *A. pungens* (M. Bieb) K. Koch; unidentified locality, no date, leg. illegible.

Gen. *Polypogon* Desfontaines, 1798

Polypogon monspeliensis (L.) Desf. – (n. 8233/fsc. 28, p. 14/a) Ref.: Fl. Atl. 1: 67 (1798); Syn.: *Alopecurus monspeliensis* L.; *Phleum monspeliense* (L.) Koeler; *P. alopecurus* Bubani; *Santia monspeliensis* (L.) Parl.; Italy, Veneto, Padova, Abano Terme (Venetiis Abano; An heissen Quellen), 1885, leg. v. Grabmayer – Ex herbario J. C. Equisit Pittoni a Dannenfeldt.

Polypogon phlacooides L. – (n. 8233/fsc. 28, p. 14/b) Ref.: Flora Atlantica 1: 66. 1798. (1800); Italy, Trieste, June 1856, leg. Pivoll.

Gen. *Sesleria* Scop.

Sesleria coerulans Friv. – (n. 8233/fsc. 21, p. 16/b) Ref.: Flora (Regensb.) 19: 438 (1836); Syn.: *S. orbelica* (Velen.) Hayek; *S. marginata* Griseb; Romania, Transsylvania, Bistrița-Năsăud, Rodna, August 1862, leg. Czetz.

Trib. *Stipeae*

Gen. *Oryzopsis* A. Michaux, 1803

Oryzopsis miliacea (L.) Asch. & Schweinf. – (n. 8233/fsc. 22, p. 1/c) Ref.: Mém. Inst. Égypt. 2: 169 1887; Syn.: *Milium thomasi* Duby (Bot. Gall. ed. 2, 1: 505 1828); *O. thomasi* (Duby) P. Silva; *O. miliacea* f. *thomasi* (Duby) Asch. & Graebn.; *O. miliacea* subsp. *thomasi* (Duby) K. Richt.; *Piptatherum miliaceum* (L.) Coss; *P. thomasi* (Duby) Kunth; *Stipa miliacea* (L.) Hoover; *Urachne thomasi* (Duby) Steud.; Italy, Calabria, Conseza, Paola (Genns. Pr. Paols), July 1855, leg. Dutis.

Gen. *Piptatherum*

Piptatherum coerulescens (Desf.) P. Beauv. – (n. 8233/fsc. 22, p. 6/a) Ref.: Agrost. 18 & 173 (1812); Syn.: *Milium coerulescens* Desf; *Oryzopsis coerulescens* (Desf.)

Hack; France, Provence-Alpes-Cote d'Azur, Var, Hyeres , no date, no signature, "Herbier Jordan".

Piptatherum paradoxum (L.) P. Beauv. – (n. 8233/fsc. 28, p. 16/a) Ref.: Agrost. 18 & 173 (1812); Syn.: *Oryzopsis paradoxa* (L.) Nutt; *Milium paradoxum* L; Romania, Banat (In silvis montanis Banatus), no date (Aug.), leg. Heuffel.

Trib. *Triticeae* Dumort., 1824

Gen. *Aegilops* C. Linnaeus, 1753

Aegilops speltiformis Jord – (n. 8233/fsc. 25, p. 4/b) Ref.: Jord. Publication: Ann. Sci. Nat., Bot. ser. 4, 4: 313 1855; France, unidentified locality, 18/8, leg. Timbal-Lagrange.

Gen. *Hordeum* C. Linnaeus, 1753

Hordeum marinum Huds. – (n. 8233/fsc. 25, p. 6/a) Ref.: Fl. Angl. ed. 2 1: 57 (1778); Syn.: *H. maritimum* Stokes ex With; *H. maritimum* Stokes subsp. *maritimum*; Romania, Banat (In pasenis jubfalsia Banatus), May-June, leg. Heuffel

Hordeum strictum Desf. – (n. 8233/fsc. 25, p. 6/b) Ref.: Fl. Atlant. 1: 118 1798; Syn.: *H. bulbosum* L; *Critesion bulbosum* (L.) Å. Löve; *Zeocriton strictum* (Desf.) P. Beauv.; unidentified location (Szpenpreropol?), no date, no signature

Hordeum villosum L. – (n. 8233/fsc. 25, p. 7/a) Ref.: Methodus 199 1794; Syn.: *Leymus arenarius* (L.) Hochst; Romania, Mehedinți, Orșova (Prope Orsova in Banata), July 16, 1856, leg. Janka.

Gen. *Secale* C. Linnaeus, 1753

Secale sylvestre Host – (n. 8233/fsc. 25, p. 4/a) Ref.: Gram. Austr. 4: 7 (1809); Syn.: *S. fragile* M. Bieb; unidentified locality (An Wegen. b. Pest. Jn.), no date, leg. J. Bayer.

Gen. *Triticum* C. Linnaeus, 1753

Triticum cespitosum DC. – (n. 8233/fsc. 25, p. 6/c) Ref.: Cat. Hort. Monsp. I 53; Italy, Cella Turbea, in littore Niegensi, June 1839, leg. Cesati.

Triticum phoenicoides DC. – (n. 8233/fsc. 25, p. 7/b) Ref.: Fl. Lusit. 1: 121 1804; Syn.: *Brachypodium phoenicoides* (L.) Roem. & Schult; Italy, Cella Turbea in littore Niegensi, June 1839, leg. Cesati.

“core eudicots”

Superord. *Rosanae* Takhtajan, 1967

“fabids”

Ord. *Fabales* Bromhead, 1838

Fam. *Leguminosae* A. L. de Jussieu, 1789, nom. cons.

Subfam. *Papilionoideae* (Giseke, 1792) DC., 1825

Trib. *Cytiseae* Horan., 1847

Gen. *Genista* C. Linnaeus, 1753

Genista germanica L. – (n. 8233/fsc. 27, p. 12/b) Ref.: Sp. Pl. ed. 1 710 (1753); Syn.: *Cytisus germanica* (L.) Vis.; *G. heterocantha* Schloss. & Vuk; *Scorpius spinosa* (Gilib) Moench; *Voglera germanica* (L.) Fourr.; Romania, Transsylvania, May 1855, leg. Janka.

Genista pilosa L. – (n. 8233/fsc. 27, p. 14/b) Ref.: Sp. Pl. ed. 1 710 (1753) Syn.: *G. repens* Lam.; *Genistoides tuberculata* Moench; *Spartium pilosum* (L.) Roth; *Telinaria pilosa* (L.) C. Presl; Italy (in collibus apricis prope Brojjans), June 1854, leg. G. A. Pirona.

Genista sericea Wulfen – (n. 8233/fsc. 27, p. 14/c) Ref.: Collectanea 2: 167. 1788; Croatia, Karlobag (bai Karlopage), no date, no signature – Ex herb. Dr. Jos. Calas Schlosser – Flora Croatica (degraded specimen).

Genista tinctoria L. – (n. 8233/fsc. 27, p. 16.) Ref.: Sp. Pl. ed. 1 710 (1753); Syn.: *G. elatior* W. D. J. Koch; Croatia, Zagreb County, Samobor, June-August 1855, no signature – Ex herb.: Lud. Farkas-Vukotinovic – Flora Croatica.

Trib. *Fabeae* Rchb., 1832

Gen. *Vicia* C. Linnaeus, 1753

Vicia cassubica L. – (n. 8233/fsc. 21, p. 8/b) Ref.: Sp. Pl. 2: 735. 1753; Syn.: *Ervum cassubicum* (L.) Peterm.; *Vicia dadianorum* Somm. & Leview; *Vicia monosperma* K. Koch; Romania, Bihor, Oradea (in G. wardein), June 1863, leg. A. Steffek (Obs.: wrongly identified).

Trib. *Galegeae* Bronn, in B. C. J. Dumortier, 1827

Gen. *Astragalus* C. Linnaeus, 1753

Astragalus exscapus L. – (n. 8233/fsc. 27, p. 3/c) Ref.: Mantissa Alt. 275 (1771); Ukraine (Russia), Odessa Oblast, Odessa, no date, leg. Richter – com. Steffek.

Astragalus glaucus M. Bieb. – (n. 8233/fsc. 27, p. 3/a) Ref.: Fl. Taur.-Cauc. 2: 186 (1808); Syn.: *A. dealbatus* Pall. pro parte; Ukraine (Russia), Odessa Oblast, Odessa, no date, leg. Richter – com. Steffek.

Astragalus pallescens M. Bieb. – (n. 8233/fsc. 27, p. 3/b) Ref.: Fl. Taur.-Cauc. 3: 489 (1819); Ukraine (Russia), Odessa Oblast, Odessa, no date, leg. Richter L.

Trib. *Hedysareae* DC., 1825
Gen. *Caragana* Fabricius, 1763

Caragana frutex (L.) K. Koch – (n. 8233/fsc. 27, p. 7/c) Ref.: Syn.: *C. frutescens* (L.) Medik; *C. mollis* (DC) Besser; *Robinia frutex* L.; *Robinia mollis* M. Bieb.; Ukraine (Russia), Odessa, no date, leg. Richter L.

Trib. *Loteae* DC., 1825
Gen. *Anthyllis* C. Linnaeus, 1753

Anthyllis vulneraria L. – (n. 8233/fsc. 27, p. 10/c) Ref.: Sp. Pl. ed. 1 719 (1753); Syn.: *A. alpestris* Hegetschweiler-Bodmer; *A. dillenii* Schult. ex Steud.; *A. linnaei* (Sagorski) Juz.; Austria, Vienna, May 20, 1854, no signature (possibly J. Juratzka).

Anthyllis vulneraria L. – (n. 8233/fsc. 27, p. 12/a) Ref.: Sp. Pl. ed. 1 719 (1753); Syn.: *A. vulneraria* subsp. *corbierei* (C. E. Salmon & Travis) Cullen; *A. vulneraria* subsp. *linnaei* „Sagorski, p. p. A“; Romania, Transsylvania, unidentified locality (In alp. Traniae – Ecsern), no date, leg. Fronius.

Trib. *Trifolieae*
Gen. *Medicago* C. Linnaeus, 1753

Medicago falcata L. – (n. 8233/fsc. 27, p. 10/b) – Ref.: Sp. Pl. 2: 779. 1753; Syn.: *M. falcata* var. *romanica* (Prodan) Hayek; *M. romanica* Prodan; *M. sativa* L. subsp. *falcata* (L.) Arcang; Austria, Vienna (bei St. Veit), July 23, 1856, leg. J. Juratzka.

Medicago lupulina L. – (n. 8233/fsc. 27, p. 9/b) Ref.: Sp. Pl. ed. 1 779 (1753); Syn.: *Medica lupulina* Scop.; *Medicago appenina* Woods; Austria, Vienna (bei St. Veit inrst Wien), July 23, 1856, leg. J. Juratzka.

Medicago minima (L.) Bartal – (n. 8233/fsc. 27, p. 10/a) Ref.: Cat. Piante Siena 61 (1776); Syn.: *M. aschersonia* Urb; Austria, Vienna, no date, leg. J. Juratzka.

Medicago rigidula (L.) All. – (n. 8233/fsc. 27, p. 14/a) Ref.: Fl. Pedem. 1: 316 (1785); Syn.: *M. gerardii* Waldst. & Kit. ex Willd; *M. gerardii* Willd.; *M. agrestis* Ten.; *M. cinerascens* Jord.; *M. depressa* Jord.; Romania, Banat (In valssalsis plani Banatus), no date, leg. Heuffel.

Gen. *Ononis* C. Linnaeus, 1753

Ononis pusilla L. – (n. 8233/fsc. 27, p. 7/a) Ref.: Syst. Nat. ed. 10 2: 1159 (1759); Syn.: *O. columnae* All; Switzerland, unidentified location, July 1856, leg. Christ. Notar.

Ononis striata Gouan – (n. 8233/fsc. 27, p. 9/a) Ref.: Obs. Bot. 47 (1773); Pyrénées centrales, Esquierey, Sept. 3, 1852, leg. Huet du Pavillon – Plates des Pyrénées.

Ononis variegata L. – (n. 8233/fsc. 27, p. 7/b) Ref.: Sp. Pl. ed. 1 717 (1753); Corsica, no date, leg. Cesati.

Superord. *Caryophyllanae* Takhtajan, 1967

Ord. *Caryophyllales* Juss. ex Bercht. & J. Presl, 1820

Fam. *Amaranthaceae* A. L. de Jussieu, 1789, nom. cons.

Gen. *Halimione* Aellen

Halimione verrucifera (M. Bieb) Aellen – (n. 8233/fsc. 24, p. 9 /b) Ref.: Verh. Naturf. Ges. Basel 49: 129 (1938); Syn.: *Atriplex verrucifera* M. Bieb; *A. glauca* Pall.; *Obione verrucifera* (M. Bieb) Moq; Ukraine (Odes'ka oblast'), Odessa, no date, leg. Richter.

Gen. *Halimocnemis* C.A. Meyer, in Ledebour, 1829

Halimocnemis volvox (Pall.) C. A. Mey. – (n. 8233/fsc. 28, p. 15/b) Ref.: Flora Altaica 1: 383. 1829; Syn.: *H. triandra* (Pall.) Moq.; *Petrosimonia triandra* (Pall.) Rech; *P. volvox* (Pall.) Bunge; *Polycnemum triandrum* Pall.; *P. volvox* Pall.; Romania, Cluj, Turda (Torda ad salinas), August 1860, leg. Dr. Ludovicus Haynald, Episcopus Transsylvaniensis; stamp: Botanischer Tauschverein in Wien.

Gen. *Halimus* Wallr.

Halimus pedunculatus (L.) Wallr. – (n. 8233/fsc. 28, p. 2/b) Ref.: Crit. 117 1822; Syn.: *Chenopodium pedunculatum* (L.) E. H. L. Krause; Germany, District of Rostock, Mecklenburg-Vorpommern, Warnemünde (Warnemunde in der Opsnn. Flor Megapolidans), no date, leg. Griewank; stamp on label: J. Frh. Leithner in Wien

Gen. *Kochia* Roth

Kochia procumbens L. – (n. 8233/fsc. 26, p. 7..) no locality, no date, no signature.

Gen. *Orthosporum* (R. Br.) T. Nees

Orthosporum kochii Knaf ex Gel. – (n. 8233/fsc. 26, p. 4/a) Ref.: Fl. Bohm. p. 152 (1871); Syn.: *O. kochii* Mihi; Czech Republic, Bohemia (Jaromierz in Boh.), no date, leg. Dr. Knaf.

Subfam. *Amaranthoideae*Trib. *Amarantheae* Rchb., 1832Gen. *Amaranthus* C. Linnaeus, 1753

Amaranthus albus L. – (n. 8233/fsc. 13, p. 4/a) Ref.: Syst. Nat. ed. 10 2: 1268 (1759); Syn.: *A. graecizans* Cutanda; *Glomeraria alba* (L.) Cav; Spain, Seville (In rudentis c. nob. Sevilla), no date (18..), leg. Bontelou – Label: Herbarium Willkommii.

Amaranthus graecizans subsp. *silvestris* (Vill.) Brenan – (n. 8233/fsc. 13, p. 4/b) Ref.: Watsonia 4: 273 1961; Syn.: *A. silvestris* L; *A. silvestris* Vill; Austria, Vienna, Aug. 17, 1858, leg. J. Juratzka.

Amaranthus retroflexus L. – (n. 8233/fsc. 13, p. 3/b) Ref.: Sp. Pl. 991 1753; Syn.: *A. bulgaricus* Kov; *A. spicatus* Lam.; *A. strictus* Ten.; *Galliardia retroflexa* (L.) Nieuwl.; Spain, Catalonia, Llobregat basin (Camper del Llobregat), 18.., leg. Costa – Herbarium Willkommii.

Subfam. *Chenopodioideae*Trib. *Atripliceae* Duby, 1828Gen. *Atriplex* C. Linnaeus, 1753

Atriplex crassifolia C. A. Mey. – (n. 8233/fsc. 26, p. 10/a) Ref.: C. A. Mey. in Ledebour, Icon. Pl. 1. 1829; France, Cherbourg, Sept. 1862, leg. Le Jolis, com. Haslinger.

Atriplex laciniata L. – (n. 8233/fsc. 25, p. 3/b) Ref.: Sp. Pl. ed. 1 1053 (1753); Syn.: *A. arenaria* J. Woods; *A. maritima* L; *A. sabulosa* Rouy; *Chenopodium laciniatum* Thunb.; *Schizotheca laciniata* Fourr.; unidentified locality, 18/6, leg. Timbal-Lagave.

Atriplex littoralis L. – (n. 8233/fsc. 24, p. 11/a) Ref.: Sp. Pl. ed. 1 1054 (1753); Syn.: *A. laciniata* auct., non L; *Chenopodium littorale* Thunb.; *Schizotheca littoralis*

Fourr.; Romania, In Transsylvania teritoris, September 17, 1856, leg. Janka (degraded specimen).

Atriplex littoralis L. – (n. 8233/fsc. 26, p. 10/b) Ref.: Sp. Pl. ed. 1 1054 (1753); Syn.: *Chenopodium littorale* (L.) Thunb.; *A. laciniata* auct., non L; *Schizotheca littoralis* (L.) Gourr. (nom. illegit.); France, Cherbourg, August 1862, leg. Le Jolis, com. Haslinger.

Atriplex nitens Schkuhr – (n. 8233/fsc. 28, p. 2/a) Ref.: Handb. ed.1 3: 541 (1803); Syn.: *A. acuminata* Waldst. & Kit; no locality, no date, no signature.

Atriplex portulacoides L. – (n. 8233/fsc. 28, p. 2/c) Ref.: Sp. Pl. 1053 1753; Syn.: *Chenopodium portulacoides* (L.) Thunb; *Halimione portulacoides* (L.) Aellen; *Halimus portulacoides* (L.) Dumort.; *Obione portulacoides* (L.) Moq.; France, Aquitaine, Gironde, Arcachon, La Teste-de-Buch [La Teste (France). In pratis sanis], Sept. 1853, leg. J. Delbos.

Atriplex prostrata (Boucher) ex DC. – (n. 8233/fsc. 24, p. 3/b) Ref.: Fl. Fr. ed. 3 387 (1805); Syn.: *A. latifolia* Wahlenb; *A. hastata* auct., non L; *A. deltoidea* Bab; *A. triangularis* Willd; no locality, no date, no signature (degraded specimen).

Atriplex prostrata (Boucher) ex DC. – (n. 8233/fsc. 25, p. 5/a) Ref.: Fl. Fr. ed. 3 387 (1805); Syn.: *A. latifolia* Wahlenb; *A. hastata* auct., non L; *A. deltoidea* Bab; *A. triangularis* Willd; no locality, no date, no signature

Atriplex rosea L. – (n. 8233/fsc. 25, p. 11/b) Ref.: Sp. Pl. ed. 2 1493 (1763); Syn.: *A. alba* Scop. (nom. invalid); *Chenopodium roseum* (L.) E. H. L. Krause; *Schizotheca rosea* (L.) Fourr.; *Teutliopsis rosea* (L.) Celak.; Austria, Vienna, August 30, 1861, leg. Dr. Rauscher (stamp on label: Botanischer Tauschverein in Wien).

Trib. *Camphorosmeae* Moq., 1840

Gen. *Bassia* Allioni, 1766

Bassia laniflora (S. G. Gmel.) A. J. Scott – (n. 8233/fsc. 25, p. 11/a) Ref.: Feddes Repert. 89: 108 (1978); Syn.: *Kochia arenaria* (P. Gaertn., B. Mey. & Scherb) Roth; *K. laniflora* (S.G.Gmel.) Borbás; Gunin, Sept. 18, 1856, leg. Hrzisch – Ex Flora Hungariae (stamp on label: Botanischer Tauschverein in Wien); degraded specimen.

Gen. *Camphorosma* C. Linnaeus, 1753

Camphorosma annua Pall. – (n. 8233/fsc. 28, p. 13.) Ref.: Reise ed. 1 3: 603 (1776); Syn.: *C. ovata* Waldst. & Kit; no locality, no date, leg. Janka.

Trib. *Chenopodieae* Dumort., 1829Gen. *Chenopodium* C. Linnaeus, 1753

Chenopodium album L. – (n. 8233/fsc. 28, p. 4/b) Ref.: Sp. Pl. ed. 1 219 (1753); Syn.: *Atriplex alba* (L.) Crantz; *Botrys alba* (L.) Nieuwl; no locality, no date, no signature.

Chenopodium ambrosioides L. – (n. 8233/fsc. 24 - p. 11/b) Syn.: *Ambrina ambrosioides* (L.) Spach; *Atriplex ambrosioides* (L.) Crantz; *Blitum ambrosioides* (L.) Beck; *C. anthelminticum* auct., non L; *C. integrifolium* Vorosch; *Dysphania ambrosioides* (L.) Mosyakin & Clemants; *Orthosporum ambrosioides* (L.) Kostel; *Roubieva anthelmintica* (L.) Hook. & Arn; *Teloxys ambrosioides* (L.) W. A. Weber; *Vulvaria ambrosioides* (L.) Bubani; Romania, Banat (In ruderalis ad passas), August-Sept., leg. Heuffel.

Chenopodium botrys L. – (n. 8233/fsc. 25, p. 9/b) Ref.: Sp. Pl. ed. 1 219 (1753); Syn.: *Dysphania botrys* (L.) Mosyakin & Clemants; unidentified locality (bei Cynitsf), July 27, 1857, leg. Al. Slakosvsky.

Chenopodium hybridum L. – (n. 8233/fsc. 28, p. 7.) Ref.: Sp. Pl. ed. 1 219 (1753); Syn.: *Atriplex hybrida* Crantz; *Botrys hybrida* (L.) Nieuwl; *Chenopodium angulatum* Curtis ex Steud.; *Chenopodium angulosum* Lam.; no locality, no date, no signature

Chenopodium intermedium L. – (n. 8233/fsc. 26, p. 4/b) Ref.: Sp. Pl. 1: 218. 1753 (May 1, 1753); Syn.: *C. rubrum* var. *intermedium* (Mert. & W. D. J. Koch) Jauzein; unidentified location (illegible), no date, no signature.

Chenopodium polyspermum L. – (n. 8233/fsc. 24, p. 6/a) Ref.: Sp. Pl. ed. 1 220 (1753); Syn.: *Anserina betifolia* Montandon; *Atriplex polysperma* (L.) Crantz; *C. acutifolium* Sm.; *C. angustifolium* Gilib.; *C. bisaeriale* Menyh.; *C. marginatum* Spreng. ex Hornem.; *C. polispermum* Neck.; *C. polyspermum* var. *polyspermum*; *Lipandra atriplicoides* (Less.) Moq.; *L. polysperma* (L.) S. Fuentes, Uotila & Bor-sch; *Oligandra atriplicoides* Less.; *Vulvaria polysperma* (L.) Bubani; Romania, Bistrița-Năsăud, Dumbrăveni/Gants (Prope pagum Gants in Transsylvania), no date, leg. Czetz.

Chenopodium rubrum L. – (n. 8233/fsc. 28, p. 10/a) Ref.: Sp. Pl. ed. 1 218 (1753); Syn.: *Blitum rubrum* (L.) C. A. Mey; *Oxybasis rubra* (L.) S. Fuentes, Uotila & Borsch. 2012; no locality, no date, no signature

Chenopodium urbicum L. – (n. 8233/fsc. 24 - p. 6/b) Ref.: Sp. Pl. ed. 1 218 (1753); Syn.: *Anserina urbica* (L.) Montandon; *Atriplex urbica* (L.) Crantz; *C. chrysomenalospersum* Zuccani; *C. deltoideum* Lam.; *C. intermedium* Mert. & W. D. J. Koch; *C. melanospermum* Wallr.; *C. microspermum* Wallr.; *C. urbicum subsp. urbicum*; *Vulvaria deltoidea* Bubani; Germany, Brandenburg, Rhinow, Febr. 5, 1858, no signature – Brandenburg flora – Ex herbario Schrummii.

Trib. *Corispermeae* Moq., 1840

Gen. *Corispermum* C. Linnaeus, 1753

Corispermum canescens Kit. – (n. 8233/fsc. 24, p. 9. /a) Ref.: Österreichs Fl. ed. 2 1: 7 (1814); Nomencl. Bot. [Steudel] 473. 1821; Syn.: *C. borysthenicum* Andr.; *C. stenopterum* Klokov; *C. ucrainicum* Iljin; Hungary, Budapest (Pest), no date, leg. Richter.

Corispermum hyssopifolium L. – (n. 8233/fsc. 13, p. 2/b) Ref.: Sp. Pl. ed. 1 4 (1753); Syn.: *C. hyssopifolium* var. *hyssopifolium*; *C. patens* Fisch. ex Roem. & Schult.; unidentified location, no date, leg. Richter.

Corispermum intermedium Schweigg. – (n. 8233/fsc. 13, p. 3/a) Ref.: Königsberger Arch. Naturwiss. Math. 1: 211 1812; Syn.: *C. gallicum* Iljin; *C. leptopterum* (Asch.) Iljin; *C. hyssopifolium* auct. eur. centr., non L; *C. hyssopifolium* var. *leptopterum* Asch.; Russia, Kaliningrad Region (Königsberg), August-September 1859, no signature (stamp: Königsberg; stamp on label: Botanischer Tauschverein in Wien).

Corispermum marschallii Steven – (n. 8233/fsc. 13, p. 2/a) Ref.: Mém. Soc. Imp. Naturalistes Moscou 5: 336 1814; Syn.: *C. bracteatum* Viv.; *C. elatum* Host; *C. intermedium* Rchb.; Hungary, Budapesta (Pesth); Aug. 1850, leg. Kovats, com. Steffek.

Corispermum nitidum Kit. – (n. 8233/fsc. 26, p. 14/a) Ref.: Österreichs Fl. ed. 2 1: 7 (1814); Syn.: *C. calvum* Klokov; *C. microspermum* Host; *C. nitidulum* Klokov; *C. purpurascens* Host; *C. tenue* Link; Gran., In Arena, 1860, leg. Dr. S. Ceichtrnye (obs.: Botanischer Tauschverein in Wien).

Corispermum nitidum Kit. – (n. 8233/fsc. 26, p. 14/b) Ref.: Österreichs Fl. ed. 2 1: 7 (1814); Syn.: *C. calvum* Klokov; *C. microspermum* Host; *C. nitidulum* Klokov;

C. purpurascens Host; *C. tenue* Link; Hungary, Budapesta, Pest (Im plugsande), August 1861, leg. J. Bayer (obs.: Botanischer Tauschverein in Wien).

Subfam. *Polycnemoideae*

Gen. *Polycnemon* C. Linnaeus, 1753

Polycnemon arvense L. – (n. 8233/fsc. 13, p. 2/c) Ref.: Sp. Pl. 1: 35. 1753; Syn.: *P. minus* Kitt; *P. minus* J.Lloyd; no locality, no date, no signature.

Polycnemon arvense L. – (n. 8233/fsc. 24, p. 3/a) Ref.: Sp. Pl. ed. 1 35 (1753); Syn.: *P. minus* J.Lloyd; Romania, Cuj, Turda (Torda), August 1853, leg Wolff.

Polycnemon arvense L. – (n. 8233/fsc. 28, p. 4/a) Ref.: Sp. Pl. ed. 1 35 (1753); Syn.: *P. minus* Kitt.; no locality, no date, no signature.

Polycnemon heuffelii Láng – (n. 8233/fsc. 28, p. 15/a) Ref.: Syll. Pl. Nov. Ratisbon. (Königl. Baier. Bot. Ges.) 2: 219 (1828); Romania, Hunedoara, Beriu/Sasz Bereny, 1854, leg. Richter L.

Polycnemon majus A. Braun – (n. 8233/fsc. 25, p. 3/a) Ref.: Flora (Regensb.) 24: 151 (1841); Syn.: *P. arvense* subsp. *majus* (A.Braun) Briq.; *P. arvense* v. *Majus*; Austria, unidentified locality, September 19, 1852, leg. J. Juratzka.

Polycnemon verrucosum Láng – (n. 8233/fsc. 28, p. 10/b) Ref.: Syll. Pl. Nov. Ratisbon. (Königl. Baier. Bot. Ges.) 1: 179 (1824); unidentified location, August 22, 1857, leg. Al. Slakorvsky.

Subfam. *Salicornioideae*

Trib. *Salicornieae*

Gen. *Salicornia* C. Linnaeus, 1753

Salicornia europaea L. – (n. 8233/fsc. 13, p. 1/a) Ref.: Sp. Pl. ed. 1 3 (1753); Syn.: *S. herbacea* (L.) L; Belgium, Bards de Ilscant, March 1863; no signature - Ex Herb. Armand Trielens, D. S. N. Tirlemont (Belgium).

Salicornia europaea L. – (n. 8233/fsc. 13, p. 1/b) Ref.: Sp. Pl. ed. 1 3 (1753); Syn.: *S. herbacea* (L.) L; Belgium, Bards de Ilscant, March 1863; no signature - Ex Herb. Armand Trielens, D. S. N. Tirlemont (Belgium).

Subfam. *Salsoloideae*

Trib. *Salsoleae*

Gen. *Salsola* C. Linnaeus, 1753

Salsola kali L. – (n. 8233/fsc. 13, p. 18/c) Ref.: Sp. Pl. ed. 1 222 (1753); Syn.: *Kali tragus* Scop.; *S. aptera* Iljin; *S. praecox* Litv; *S. pontica* Iljin; Belgium, Flemish Region, Ostend (Oostende), Aug. 1863, Ex Herb.: Armand Thielens, D. S. N., Tirlemont (Belgium).

Salsola kali L. – (n. 8233/fsc. 13, p. 5/a) Ref.: Sp. Pl. ed. 1 222 (1753); Syn.: *Kali tragus* Scop.; *S. aptera* Iljin; *S. praecox* Litv; *S. pontica* Iljin; Belgium, Flemish Region, Ostend (Oostende), Aug. 1863, Ex Herb.: Armand Thielens, D. S. N., Tirlemont (Belgium).

Salsola kali L. – (n. 8233/fsc. 25, p. 9/a) Ref.: Sp. Pl. ed. 1 222 (1753); Syn.: *S. aptera* Iljin; *S. pontica* Iljin; *S. praecox* Litv; Austria (bei Grossburg?), August 1863, leg. Haslinger.

Trib. *Suaedeae*

Gen. *Suaeda* Forsskål ex Scopoli, 1777, nom. cons.

Suaeda maritima (L.) Dumort. – (n. 8233/fsc. 13, p. 1/c) Ref.: Fl. Belg. 22 1827; Syn.: *Schoberia maritima* P. G. M; *S. maritima* (L.) C. A. Mey; *Chenopodium maritimum* L; *Dondia maritima* (L.) Druce; *Lerchea maritima* (L.) Kuntze; *Salsola maritima* (L.) M. Bieb; Croatia, Dalmatia (Boule), no date, no signature (stamp on label: Botanischer Tauschverein in Wien), leg. possibly M. Tommasini.

Family Caryophyllaceae A. L. de Jussieu, 1789, nom. cons.

Gen. *Eremogone*

Eremogone procera (Spreng.) Rchb. – (n. 8233/fsc. 29, p. 3/c) Ref.: Icon. Fl. Germ. Helv. 5: 33 1841; Syn.: *Arenaria procera* Spreng.; unidentified location, no date, leg Wolff.

Subfam. *Alsinoideae*

Trib. *Alsineae* Lam. & DC., 1806

Gen. *Arenaria* C. Linnaeus, 1753

Arenaria ciliata L. – (n. 8233/fsc. 29, p. 3/b) Ref.: Sp. Pl. ed. 1 425 (1753); Alps, Pedemont., no date, no signature.

Arenaria grandiflora L. – (n. 8233/fsc. 29, p. 9/a) Ref.: Syst. Nat. ed. 10 2: 1034 (1759); France, Languedoc-Roussillon, Pyrénées Orientales (T'ont de Comps), July 31, 1852, leg. Huet du Pavillon – Plantes des Pyrénées.

Arenaria grandiflora L. – (n. 8233/fsc. 29, p. 20/c) Ref.: Syst. Nat. ed. 10 2: 1034 1759; Syn.: *Alsine grandiflora* Crantz; unidentified location (Polanes prope in Meihven), June 6, 1851, leg. A. Makovsky.

Arenaria procumbens Vahl – (n. 8233/fsc. 29, p. 11/b) Ref.: Symb. Bot. 1: 50 1790; Syn.: *A. geniculata* Poir.; *Cherleria geniculata* Samp.; *Minuartia geniculata* (Poir.) Thell.; *M. procumbens* (Vahl) Asch.; *Rhodalsine geniculata* (Poir.) F. N. Williams; *R. procumbens* J. Gay; *R. geniculata* var. *procumbens* (Vahl) Dubuis; Italy, Sardinia, Corsini, no date, leg. Cesati.

Arenaria rubra L. – (n. 8233/fsc. 29, p. 5/b) Ref.: Sp. Pl. 1: 423. 1753; Syn.: *Alsine rubra* (L.) Crantz; *Buda rubra* (L.) Desv.; *Corion rubrum* N. E. Br.; *Lepigonum rubrum* (L.) Wahlenb.; *Melargyra rubra* (L.) Raf.; *Spergularia rubra* (L.) J. Presl & C. Presl; *Spergula rubra* (L.) D. Dietr.; *Tissa rubra* (L.) Britton; France, Languedoc-Roussillon, Pyrénées Orientales, Massif du Carlit, Pyrénées [Lac Carlitz (Pyrénées)], no date, no signature.

Arenaria purpurascens Ramond ex DC. – (n. 8233/fsc. 29, p. 5/c) Ref.: Fl. Fr. ed. 3 4: 785 (1805); Syn.: *Alsinanthus purpurascens* (Ramond ex DC) Desv.; *Arenaria pyrenaica* Rouy & Foucaud; *Assoella purpurascens* (Ramond ex DC) J. M. Monts; *Cerastium purpurascens* Fenzl; *Dufourea purpurascens* (Ramond ex DC) Gren; France, Languedoc-Roussillon, Pyrénées Orientales [Pic de Gedes (Pyrénées)], no date, no signature.

Arenaria serpyllifolia L. – (n. 8233/fsc. 29, p. 14/b) Ref.: Sp. Pl. 1: 423. 1753 (1 May 1753); Syn.: *A. sphaerocarpa* Jordan var. *viscosa*; *A. sphaerocarpa* Ten.; *A. serpyllifolia* var. *viscida* (Loisel.) DC.; *Alsine serpyllifolia* Crantz; *Alsinella serpyllifolia* Gray; unidentified location, august 1856, leg. Christ. Notar.

Arenaria serpyllifolia L. subsp. *leptoclados* (Rchb) Nyman – (n. 8233/fsc. 29, p. 16/a) Ref.: Consp. 115 (1878); Syn.: *A. leptoclados* (Rchb.) Guss; *A. leptoclados* (Rchb.) Guss. subsp. *minutiflora* (Loscov) H. Lindb; *A. minutiflora* Loscov; Neutorgé in pago, fr. Gurgend, no date, leg. Dr. Lager.

Arenaria tenuifolia L. – (n. 8233/fsc. 29, p. 16/b) Ref.: Syn.: *Alsine tenuifolia* (L.) Crantz; *A. tenuifolia* (L.) Crantz subsp. *tenuifolia*; *A. tenuifolia* (L.) Crantz subsp. *tenuifolia* var. *tenuifolia*; *Minuartia hybrida* (Vill.) Schischk; *M. tenuifolia* (L.) Hiern, non Nees ex Mart; *M. tenuifolia* (L.) Hiern, non Nees ex Mart. subsp. *tenuifolia*; Spain, Granada, Cerro del Sol (Cerro del sol bei Granada), June 10, 1857, Del Campo, com. Alioth.

Gen. *Bufonia* C. Linnaeus, 1753

Buffonia annua DC. – (n. 8233/fsc. 29, p. 1/b) Ref.: Fl. Franc. (DC. & Lamarck), ed. 3. 4: 768. 1805; France, Rhône-Alpes, Rhône, Lyon (Lyon a la Pope), no date, leg. Dr. Lager.

Buffonia macrosperma J. Gay – (n. 8233/fsc. 29, p. 1/c) Ref.: Mutel, Fl. Dauphiné ed. 2, 88. 1848; Syn.: *Bufonia paniculata* Dubois; *B. spicata* Delarbre; *Buffonia tenuifolia* Vill. (non L.); Switzerland, Valais (Canton Wallis, Ardaub), no date, leg. Dr. Lager.

Gen. *Cerastium* C. Linnaeus, 1753

Cerastium arvense L. – (n. 8233/fsc. 29, p. 18/a) Ref.: Sp. Pl. ed. 1 438 (1753); Syn.: *Alsine arvensis* (L.) E. H. L. Krause; *Cerastium strictum* L.; *Centunculus arvensis* (L.) Scop.; Austria, Stiria, Badegreszd, June 3, 1850, leg. J. C. Eques Pittoni a Dannenfeldt.

Cerastium arvense L. – (n. 8233/fsc. 29, p. 11/a) Ref.: Sp. Pl. ed. 1 438 (1753); Syn.: *Alsine arvensis* (L.) E. H. L. Krause; *Centunculus arvensis* (L.) Scop; *Cerastium strictum* L.; *Leucodonium arvense* (L.) Opiz; *Stellaria arvensis* (L.) Gray; Romania, Caraş-Severin, Teregova (In pratis pr. Teregova Banatus), July 19, 1856, leg. Janka.

Cerastium dubium (Bastard) Guépin – (n. 8233/fsc. 29, p. 18/b) Ref.: Mitt. Thür. Bot. Ges. 1(1): 98 (1949); Syn.: *C. anomalum* Waldst. & Kit; no locality, no date, no signature.

Cerastium dubium (Bastard) Guépin – (n. 8233/fsc. 29, p. 20/b) Ref.: Mitt. Thür. Bot. Ges. 1(1): 98 (1949); Syn.: *C. anomalum* Waldst. & Kit; Romania, Banat (In agris et arvis Banatus), no date, leg. Heuffel.

Cerastium glomeratum Thuill. – (n. 8233/fsc. 29, p. 9/b) Ref.: Fl. Env. Paris ed. 2: 226 1799; Syn.: *Alsine glomerata* (Thuill.) E. H. L. Krause; *Stellaria glomerata* Jess.; Hungary (Aus Ungarn; in Nuslwrissna burgens Romitas gusainnt und untgrfsniltam), June 21, 1857, leg. Hillebrand.

Cerastium ligusticum Viv. subsp. *ligusticum* – (n. 8233/fsc. 29, p. 12/c) Ref.: Elench. Pl. Horti Bot. 15 (1802); Syn.: *C. campanulatum* Viv; *C. campanulatum* Viv. subsp. *campanulatum*; Italy, Tuscany, Firenze, no date, no signature – Herbarium I. et R. Musaei Florentini.

Cerastium pumilum Curtis subsp. *glutinsum* (Fr.) J alas – (n. 8233/fsc. 29, p. 12/a) Ref.: Ann. Bot. Fenn. 20: 110 (1983); Syn.: *C. glutinosum* Fr; *C. pallens* F. W. Schultz; Austria, Tirol (Triesat ai aslassi dall Aria.), 1856, leg. aflorasadell. – Ex Herbario J. C. Equitis Pittoni a Dannenfeldt.

Cerastium sylvaticum Waldst. & Kit. – (n. 8233/fsc. 29, p. 14/a) Ref.: Pl. Rar. Hung. 1: 100 (1802); Syn.: *Alsine silvatica* (Waldst. & Kit.) E. H. L. Krause; *Cerastium*

umbrosum Kit; *Stellaria silvatica* (Waldst. & Kit.) Jess.; Romania, Banat (In acaribus hunidiuschis Banatus), no date, leg. Heuffel.

Gen. *Minuartia* C. Linnaeus, 1753

Minuartia graminifolia (Ard) Jáv. – (n. 8233/fsc. 29, p. 5/a) Ref.: Sched. Fl. Hung. Exsicc. 2: 22 (1914); Syn.: *Alsine graminifolia* Bluff, Nees & Schauer; *Arenaria graminifolia* Ard.; *Minuartia graminifolia* subsp. *hungarica* Jáv; *Petteria graminifolia* (Ard) Rchb.; Romania, Cluj, Turda (Torda in Transsylvania), 1857, leg. Wolff.

Gen. *Moehringia* C. Linnaeus, 1753

Moehringia flaccida Schloss. & Vuk. – (n. 8233/fsc. 29, p. 3/a) Ref.: Fl. Croat. 352 1869; Croatia, unidentified location, no date, leg. Dr. Schlosser.

Moehringia muscosa L. – (n. 8233/fsc. 29, p. 1/a) Ref.: Sp. Pl. ed. 1 359 (1753); Syn.: *Arenaria muscosa* (L.) Medik.; *A. muscosa* Bonnier & Layens; *A. sperguloides* (Mutel) Mutel; Romania, Banat (In angroposibus ambrosis Banatus. Mg.), no date, leg. Heuffel.

Gen. *Sagina* C. Linnaeus, 1753

Sagina procumbens L. – (n. 8233/fsc. 29, p. 12/b) Ref.: Sp. Pl. ed. 1 128 (1753); Syn.: *Alsine procumbens* Crantz; *Alsinella procumbens* Bubani; *Sagina fasciculata* Poir; *S. corsica* Jord; Alps pedemont, no date, no signature.

Gen. *Stellaria* C. Linnaeus, 1753

Stellaria borealis Bigelow – (n. 8233/fsc. 29, p. 1/c) Ref.: Fl. Boston. ed. 2 182 (1824); Syn.: *S. calycantha* auct. eur., non (Ledeb) Bong; *S. apetala* Boreau; unidentified locality (Gnufner Pnn. Pnetun), April 1856, leg. Christ. Notar.

Stellaria bulbosa Wulfen – (n. 8233/fsc. 29, p. 11/c) Ref.: in Jacq. Coll. iii. 21 (1789); Syn.: *Pseudostellaria europaea* Schaeftl; Italy, Friuli-Venezia Giulia, Gorizia/Gorz (in Panourtze, bey Gorz), no date, no signature, comm. M. Tommasini – Ex herbario Florae Illyricae.

Stellaria cerastoides L. – (n. 8233/fsc. 29, p. 5/d) Ref.: Sp. Pl. 1: 422 422 1753; Syn.; *Cerastium cerastoides* (L.) Britton; *C. stellarioides* Hartm.; *C. stellarioides* Hegetschw; *Dichodon cerastoides* (L.) Rchb.; *Provancheria cerastoides* (L.) B. Boivin; *Stellaria elegans* Ser.; France, Languedoc-Roussillon, Pyrénées Orientales [Pert de Bonacque (Pyrénées)], no date, no signature.

Stellaria graminea L. – (n. 8233/fsc. 29, p. 20/d) Ref.: Sp. Pl. ed. 1 422 (1753); Syn.: *Alsine graminea* (L.) Britton; *Cerastium gramineum* (L.) Crantz; Romania, Transsylvania (A Mezőség = Transylvanian Plain), July 1855, leg. Janka.

Subfam. *Caryophylloideae*

Trib. *Caryophylleae* Lam. & DC., 1806

Gen. *Dianthus* C. Linnaeus, 1753

Dianthus aciphyllus Sieber ex Ser. – (n. 8233/fsc. 21, p. 7/d) Ref.: Prodr. 1: 358 (1824); Syn.: *Dianthus arboreus* L., nom. ambig; Hungary, Budapest (Pest – Bot. Part.); no date, leg. Richter.

Dianthus diminutus L. – (n. 8233/fsc. 21, p. 10/a) Ref.: Sp. Pl., ed. 2. 1: 587 1762; Syn.: *Petrorhagia prolifera* (L.) P. W. Ball & Heywood; *Caryophyllus diminutus* Christm.; *Dianthus prolifer* L.; *Kohlrauschia diminuta* Rchb.; *Silene prolifera* E. H. L. Krause; *Tunica prolifera* (L.) Scop.; Romania, Banat, no date, leg. Richter.

Dianthus monspessulanus L. – (n. 8233/fsc. 21, p. 5/a) Ref.: Amoen. Acad. 4: 313 (1759); Syn.: *Dianthus hyssopifolius* L. pro parte; *D. marsicus* Ten; no locality, September 1887, leg. Mihajasse.

Dianthus polymorphus M. Bieb. – (n. 8233/fsc. 21, p. 4/a) Ref.: Fl. Taur.-Caucas. 1: 324 1808; Syn.: *D. atratus* Beaupr. ex Ser.; *D. autumnalis* Kit.; *D. bessarabicus* (Kleopow) Klokov; *D. dichotomus* Pall.; *D. diutinus* Kit; *D. platyodon* Klokov; no locality, no date, no signature.

Gen. *Gypsophila* C. Linnaeus, 1753

Gypsophila muralis L. – (n. 8233/fsc. 21, p. 11/a) Ref.: Sp. Pl. 408 1753; Syn.: *Dichoglottis muralis* Jaub. & Spach; *Gypsophila agrestis* Pers.; *G. arvensis* Borkh. ex Steud.; *Psammophiliella muralis* (L.) Ikonn.; *Silene muralis* E. H. L. Krause; unidentified location (Koros Nan...), 1863, leg. Steffek.

Gypsophila petraea (Baumg.) Rchb. – (n. 8233/fsc. 21, p. 5/c) Ref.: Fl. germ. excurs. 801. 1832; Syn.: *Banffya petraea* Baumg.; *Gypsophila transsylvanica* Spreng.; Romania, Transsylvania (in alpibus Barcenfibus Transilvanie), no date, leg. Rekes T., com. Czetz.

Gypsophila rigida L. – (n. 8233/fsc. 21, p. 2/a) Ref.: Sp. Pl. 408 1753; Syn.: *Petrorhagia saxifraga* (L.) Link; *Petrorhagia saxifraga* subsp. *saxifraga* (L.) Link; *P. rigida* Link; *Gypsophila saxifraga* L.; *Kohlrauschia saxifraga* (L.) Dandy; *Tunica*

rigida (L.) Boiss; *T. saxifraga* (L.) Scop; Croatia, unidentified locality, June-August 1855, no signature – Label: Ex herb. Lud Farkas- Vukotinovic; Flora Croatica.

Gen. *Saponaria* C. Linnaeus, 1753

Saponaria sicula Raf. subsp. *sicula* – (n. 8233/fsc. 21, p. 5/b) Ref.: Specch. Sci. 2: 7 (1814); Syn.: *S. depressa* Biv; *S. depressa* sensu Halácsy, non Biv; Ex Nabrodibus a Eullonio; leg. A. Bertoloni.

Trib. *Drypideae* Fenzl, in S. F. L. Endlicher, 1840

Gen. *Drypis* C. Linnaeus, 1753

Drypis spinosa L. – (n. 8233/fsc. 21, p. 6.) Ref.: Sp. Pl. ed. 1 413 (1753); unidentified location, no date, no signature, comm. M. Tommasini – Ex herbario Florae Illyricae.

Trib. *Sileneae*

Gen. *Agrostemma* C. Linnaeus, 1753

Agrostemma githago L. – (n. 8233/fsc. 21, p. 7/a) Ref.: Sp. Pl. ed. 1 435 (1753); Syn.: *Lychnis githago* (L.) Scop; *Githago segetum* Link; *Silene githago* E. H. L. Krause; Belgium, Flemish Brabant, Tienen/Tirlemont, June 1863, no signature – Label: Ex Herb. Armand Thielens, D. S. N. Tirlemont (Belgium).

Gen. *Lychnis* C. Linnaeus, 1753

Lychnis alpina L. – (n. 8233/fsc. 21, p. 8/a) Ref.: Sp. Pl. ed. 1 436 (1753); Syn.: *Silene suecica* (Lodd) Greuter & Burdet; *Lychnis suecica* Greuter & Burdet; *Viscaria alpina* (L.) G. Don; unidentified location, no date, leg. Huter.

Lychnis alpina L. – (n. 8233/fsc. 21, p. 2/b) Ref.: Sp. Pl. ed. 1 436 (1753); Syn.: *Viscaria alpina* (L.) G. Don; Italy, Alp. Pedemont, no date, no signature.

Gen. *Silene* C. Linnaeus, 1753

Silene armeria L. – (n. 8233/fsc. 21, p. 2/c) Ref.: Sp. Pl. ed. 1 420 (1753); Syn.: *S. lituanica* Zapal; *Atocion armeria* (L.) Raf.; Italy, Trentino-Alto Adige/Südtirol, Bolzano (Bozen), no date, leg. Hausm.

Silene ciliata Pourr. – (n. 8233/fsc. 21, p. 1/b) Ref.: Syn.: *S. perinica* Hayek; Spain (Pyrénées), no date, no signature.

Silene conica L. – (n. 8233/fsc. 21, p. 7/b) Ref.: Sp. Pl. ed. 1 418 (1753); Syn.: *Conosilene conica* (L.) Fourr.; *Cucubalus conicus* (L.) Lam; *Lychnis conica* (L.) Scop;

Belgium, Flemish Region, Ostend, (Dunes Ostende), July 1862, no signature – Label: Ex Herb.: Armand Thielens, D. S. N. Tirlemont (Belgium).

Silene gallica L. – (n. 8233/fsc. 21, p. 10/b) Ref.: Sp. Pl. ed. 1 417 (1753); Syn.: *Corone gallica* Fourr.; *Silene anglica* L.; *S. giraldii* Guss; *S. linophila* Rothm; *S. transtagana* Cout; Poland, Lesser Poland, Kraków, Krzeszowice (in Galliz), July 6, 1855, leg. Billimek.

Silene italica (L.) Pers. – (n. 8233/fsc. 21, p. 5/d) Ref.: Syn. Pl. 1: 498 (1805); Romania, Transsylvania, Bistrița-Năsăud, Rodna (In subalpinis Rodninsibus Transilvanie), July 1854, leg. Czetz.

Silene lerchenfeldiana Baumg. – (n. 8233/fsc. 21, p. 3/b) Ref.: Enum. Stirp. Transs. 1: 398 (1816); M. Rasovati kemen, no date, leg. Baumg.

Silene nocturna L. – (n. 8233/fsc. 21, p. 4/b) Ref.: Sp. Pl. ed. 1 416 (1753); Syn.: *S. boullui* Jord; *S. micropetala* Lag. subsp. *boullui* (Jord) Rouy & Foucaud; France, Languedoc-Roussillon, Narbonne, no date, leg. Timbal L.

Silene nutans subsp. *livida* (Willd) Jeanm. & Bocquet – (n. 8233/fsc. 21, p. 1/a) Ref.: Candollea 38: 291 1983; Syn.: *S. livida* Willd; unidentified location, no date, no signature, comm. M. Tommasinii – Ex herbario Florae Illyrae.

Silene rupestris L. – (n. 8233/fsc. 21, p. 3/a) Ref.: Sp. Pl. 421 1753; Syn.: *Cucubalus saxatilis* Lam.; unidentified location, no date, no signature; label: Ex C. Birnbacher Herbarie.

Silene transilvanica Schur var. *alpina* – (n. 8233/fsc. 21, p. 9) Ref.: Sp. Pl. ed. 1 416 (1753); Syn.: *S. nutans* L. subsp. *dubia* (Herbich) Zapal; *S. nutans* L. var. *alpina* Otth; *S. dubia* Herbich; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius

Subfamily *Paronychioideae*

Tribe *Polycarpeae*

Gen. *Spergularia* (Persoon) J. S. Presl & K. B. Presl, 1819, nom. cons.

Spergularia media (L.) C. Presl. – (n. 8233/fsc. 29, p. 20/a) Ref.: Vers. Darstell. Alsin. 18 1833; Syn.: *Alsine marginata* Fenzl; *A. marginata* Rchb.; *A. marginata* C. A. Mey.; Romania, Transsylvania, Sighisoara, no date, leg. Fronius.

Fam. *Polygonaceae* A. L. de Jussieu, 1789, nom. cons.

Subfam. *Polygonoideae*

Trib. *Polygoneae*Gen. *Fallopia* Adanson, 1763

Fallopia dumetorum (L.) Holub – (n. 8233/fsc. 29, p. 19) Ref.: Folia Geobot. Phytotax. (Praha) 6: 176 (1971); Syn.: *Polygonum dumetorum* L.; *Fagopyrum dumetorum* (L.) Schreb; *Bilderdykia dumetorum* (L.) Dumort; no locality, no date, no signature.

Gen. *Polygonum* C. Linnaeus, 1753

Polygonum alpestre Schur – (n. 8233/fsc. 29, p. 15/b) Ref.: Oesterr. Bot. Z. 11: 290. 1861; Syn.: *Bistorta officinalis* subsp. *officinalis* Raf; *Persicaria bistorta* (L.) Samp; *Polygonon bistortum* St. Lag; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius.

Polygonum arenarium Waldst. & Kit. – (n. 8233/fsc. 29, p. 4/a) Ref.: Pl. Rar. Hung. 1: 69 (1801); Syn.: *Polygonum janatae* Klokov; *P. pseudoarenarium* Klokov; *P. venantianum* Clementi; unidentified location, no date, no signature.

Polygonum aviculare L. – (n. 8233/fsc. 29, p. 6) Ref.: Sp. pl. 1:362. 1753; Syn.: *P. agreste* Sumner; *P. aphyllum* Krock.; *P. araraticum* Kom.; *P. heterophyllum* Lindm; Romania, Alba, Alba Iulia/Karlsburg (In pratis. Albam Carolina Karlsburg; Transsylvaniae), July 28, 1856, leg. Janka – degraded specimen.

Trib. *Rumiceae*Gen. *Oxyria* J. Hill, 1765

Oxyria digyna (L.) Hill – (n. 8233/fsc. 29, p. 15/a) Ref.: Hort. Kew. 158 (1768); Syn.: *Acetosa digyna* (L.) Mill.; *Donia digyna* (L.) R. Br.; *Lapathum digynum* (L.) Lam.; *Rumex digynus* L.; Romania, Bistrița-Năsăud, Rodna (Prope Rodnam Transsylvaniae), no date, leg. Czetz.

Gen. *Rumex* C. Linnaeus, 1753

Rumex bucephalophorus L. – (n. 8233/fsc. 29, p. 15/c) Ref.: Sp. Pl. ed. 1 336 (1753); Syn.: *Acetosa bucephalophora* (L.) Fourr; *Bucephalophora aculeata* Pau; *Lapathum bucephalophorum* (L.) Lam; *Rumex platycarpus* Batt.; Spain, Cran, no date, leg. Costa.

Rumex divaricatus L. – (n. 8233/fsc. 29, p. 2.) Ref.: Sp. Pl. ed. 2 477 1762; Syn.: *R. pulcher* L. subsp. *divaricatus* (L.) Murb; *R. pulcher* subsp. *woodsii* (De Not.) Ar-cang; *R. woodsii* De Not.; Croatia, unidentified locality, no date, no signature – Ex herb. Dr. Jos. Calas. Schlosser – Flora Croatica.

Rumex palustris Sm. – (n. 8233/fsc. 29, p. 17.) Ref.: Fl. Brit. 1: 394 (1800); Romania, Transsylvania (Prope pagum Magyar Nemegye in Transsylvania), no date, leg. Czetz.

Subclas. *Magnoliidae* Novák ex Takhtajan, 1967

Superord. *Asteranae* Takhtajan, 1967

Ord. *Ericales* Dumortier, 1829

Fam. *Primulaceae* Batsch ex Borkh., 1797, nom. cons.

Subfam. *Myrsinoideae*

Trib. *Anagallideae* Dumort., 1827

Gen. *Anagallis* C. Linnaeus, 1753

Anagallis arvensis L. – (n. 8233/fsc. 12, p. 13/b) Ref.: Sp. Pl. 148 1753; Syn.: *A. verticillata* All.; *Lysimachia arvensis* (L.) U. Manns & Anderb; Romania, Transsylvania, July 1856, leg. Janka.

Anagallis foemina Mill. – (n. 8233/fsc. 12, p. 1/a) Ref.: Gard. Dict. ed. 8 no. 2 (1768); Syn.: *A. caerulea* Schreb., non L.; *A. arvensis* L. subsp. *caerulea* Hartm; *A. arvensis* L. subsp. *foeminea* (Mill.) Schinz & Thell; Belgium, Tirlemont, April 1863, no signature, label: Ex herb. Armand Thielens, D. S. N. Tirlemont (Belgium) – obs.: Rare.

Anagallis tenella (L.) L. – (n. 8233/fsc. 12, p. 6/d) Ref.: Syst. Veg. ed. 13 165 (1774); France, Cherbourg, July 1862, leg. Le Jolis, com. Haslinger.

Anagallis tenella (L.) L. – (n. 8233/fsc. 23, p. 11/b) Ref.: Syst. Veg. ed. 13 165 (1774); Syn.: *Lysimachia tenella* L.; Belgium, Beggynedyk, July 1863, no signature – label: Ex . Herb. Armand Thielens, D. S. N., Tirlemont (Belgium) (label switched with that of the next specimen).

Trib. *Cyclamineae* Dumort., 1827

Gen. *Cyclamen* C. Linnaeus, 1753

Cyclamen purpurascens Mill. – (n. 8233/fsc. 12, p. 12/b) – Ref.: Gard. Dict. ed. 8 no. 2 (1768); Syn.: *C. europaeum* L.; Austria, Vienna, July 25, 1855, leg. J. Juratzka.

Tribe *Glauceae* Dumort., 1827

Gen. *Glaux* C. Linnaeus, 1753

Glaux maritima L. – (n. 8233/fsc. 12, p. 3/d) Ref.: Sp. Pl. ed. 1 207 (1753); Romania, Transsylvania (In Transsilvaniae humuli salsis), no date, leg. G. Wolff.

Glaux maritima L. – (n. 8233/fsc. 12, p. 6/a) Ref.: Sp. Pl. ed. 1 207 (1753); Syn.: *Lysimachia maritima* (L.) Galasso, Banfi & Soldano; France, Normandy, Manche, Cherbourg, June 25, 1862, no signature – Label: Herb. A. Le Jolis.

Trib. *Lysimachieae* Rchb., 1837
Gen. *Lysimachia* C. Linnaeus, 1753

Lysimachia nemorum L. – (n. 8233/fsc. 12, p. 4/d) Ref.: Sp. Pl. ed. 1 148 (1753); France, Cherbourg, May 1862, leg. Le Jolis, com. Haslinger.

Lysimachia nemorum L. – (n. 8233/fsc. 23, p. 10/a) Ref.: Sp. Pl. 148 1753; Syn.: *Ephemerum nemorum* Rchb.; *Lerouxia nemorum* Mérat; *L. nemorum* Mérat; Belgium, Brabant, Lubbeek, June 1863, no signature – label; Ex . Herb. Armand Thielens, D. S. N., Tirlemont (Belgium).

Lysimachia otani Asso – (n. 8233/fsc. 23, p. 9/b) Ref.: Syn. Pl. Arag. 22 1779; Syn.: *L. ephemerum* L; France, Pyrénées Centrales, Haute-Garonne, Bagnères de Luchon, 1859, leg. Timbal-Lagrange.

Lysimachia otani Asso – (n. 8233/fsc. 23, p. 10/c) Ref.: Syn. Pl. Arag. 22 1779; Syn.: *L. ephemerum* L; France, Pyrénées Centrales, Haute-Alpes, Crevoux, Aug. 1876, leg. Timbal-Lagrange.

Lysimachia punctata L. – (n. 8233/fsc. 12, p. 8/a) Ref.: Sp. Pl. ed. 1 147 (1753); Syn.: *L. verticillaris* Spreng; no locality, no date, no signature.

Lysimachia thyrsiflora L. – (n. 8233/fsc. 23, p. 11/c) Ref.: Sp. Pl. ed. 1 147 (1753); Syn.: *Naumburgia thyrsiflora* (L.) Rchb; Belgium, Brabant, Lubbeek, June 1863, no signature – label; Ex . Herb. Armand Thielens, D. S. N., Tirlemont (Belgium) (label switched with that of the next specimen).

Lysimachia verticillata (Greene) Hand.-Mazz. – (n. 8233/fsc. 12, p. 7/d) Ref.: Notes from the Royal Botanical Garden, Edinburgh 16(77): 80. 1928; Syn.: *Steironema verticillatum* Greene; Austria, Linz, no date, leg. com. Steffek.

Lysimachia vulgaris L. – (n. 8233/fsc. 12, p. 9.) Ref.: Sp. Pl. 1: 146 146 1753; Romania, Timiș (Banat), Lugoj, August 31, 1856, leg. Janka

Gen. *Trientalis* C. Linnaeus, 1753

Trientalis europaea L. – (n. 8233/fsc. 12, p. 2/c) Ref.: Sp. Pl. ed. 1 344 (1753); Belgium, Pui de Spa, June 1851, no signature; label: Ex herb.: Armand Thielens, D. S. N. Tirlemont (Belgium); obs.: very rare.

Subfam. *Primuloideae* (Batsch ex Borkh., 1797) Kostel., 1834

Trib. *Androsaceae* Rchb. ex Pax, in H.G.A. Engler, 1905

Gen. *Androsace* C. Linnaeus, 1753

Androsace alpina (L.) Lam. – (n. 8233/fsc. 12, p. 10/b) Ref.: Fl. Franç. 3: 642 1778;

Syn.: *Aretia pennina* Murith; Italy, In Monte Gries, no date, leg. Dr. Lager

Androsace carnea L. – (n. 8233/fsc. 12, p. 12/a) Ref.: Sp. Pl. ed. 1 142 (1753);

Syn.: *A. laggeri* A.Huet; *Aretia carnea* (L.) Bubani; *Primula laggeri* (A. Huet) Voss; Switzerland, Valais, La Fouly (Fouly, 7500'), July 1856, leg. (stamp Crist. Notar).

Androsace ciliata DC. – (n. 8233/fsc. 12, p. 10/a) Ref.: Fl. Fr. ed. 3 3: 441 (1805);

Syn.: *Aretia ciliata* (DC) Loisel; France, Port d'Or (Pyrénées australis), no date, leg. Huet de Pavillon.

Androsace chamaejasme Wulfen – (n. 8233/fsc. 12, p. 7/c) Ref.: Collect. Bot. 1:

194 (1787); Syn.: *A. villosa* L. subsp. *chamaejasme* (Wulfen) Rouy; Austria, Styria, Offenburg ruins (Ofenburg), no date, leg. Bilimek (stamp on label: Botanischer Tauschverein in Wien).

Androsace elongata L. – (n. 8233/fsc. 12, p. 7/b) Ref.: Sp. Pl. ed. 2 1668 (1763);

no locality, no date, leg. illegible.

Androsace elongata L. – (n. 8233/fsc. 12, p. 8/b) Ref.: Sp. Pl. ed. 2 1668 (1763);

unidentified location, no date, leg. Al. Makovsky.

Androsace glacialis (Hegetschw.) Hoppe – (n. 8233/fsc. 12, p. 8/c) – Ref.: Fl.

Germ. Helv. ed. 2, 2: 670 1844; Syn.: *A. alpina* (L.) Lam; Austria, Tirol (unidentified location, 9000-9700'), August 28, 1857, leg. F. Simony.

Androsace hedraeantha Griseb – (n. 8233/fsc. 12, p. 11/a) Ref.: Spicil. Fl. Rumel.

2: 3 (1844); Syn.: *Aretia rubra* Schleich. ex Steud; *A. hedraeantha* Nym; *A. alpina* Wulf; *Primula hedraeantha* Kuntze; unidentified location, no date, no signature

Androsace maxima L. – (n. 8233/fsc. 12, p. 15/b) Ref.: Species Plantarum 1:141.

1753; Syn.: *A. maxima* Desf; *A. turczaninowii* Freyn; *Aretia maxima* (L.) Bubani; *Primula maxima* (L.) Kuntze; Switzerland, unidentified locality, June 1856, leg. (para- rafa: Crist. Notar).

Androsace obtusifolia All. – (n. 8233/fsc. 12, p. 12/c) Ref.: Fl. Pedem. 1: 90 (1785);

Syn.: *Primula obtusifolia* E. H. L. Krause; Austria, Lienz, Matrei in Osttirol, 6600-7200', Aug. 28, 1856, leg. F. Simony.

Androsace septentrionalis L. – (n. 8233/fsc. 12, p. 6/e.) Ref.: Sp. Pl. ed. 1 142 (1753); Carpathians, no date, leg. Richter.

Androsace vandellii (Turra) Chiov. – (n. 8233/fsc. 12, p. 10/c) – Ref.: Gior. Bot. Ital. nov. ser. 26: 27 (1919); Syn.: *A. argentea* (C. F. Gaertn.) Lapeyr; *A. imbricata* auct., non Lam; *A. tomentosa* Clairv; France, Port de Vernarque/Haute Garonne, no date, leg. Huguenin.

Androsace vandellii (Turra) Chiov. – (n. 8233/fsc. 12, p. 12/d) Ref.: Gior. Bot. Ital. nov. ser. 26: 27 (1919); Syn.: *A. argentea* (C. F. Gaertn.) Lapeyr; *Aretia argentea* Gaertn; France, Pyrénées australes, Port d'Or, no date, leg. Huet du Pavillon.

Androsace villosa L. – (n. 8233/fsc. 12, p. 7/a) Ref.: Sp. Pl. 142 1753; Syn.: *A. penicillata* Schott, Nyman & Kotschy; *A. taurica* Ovcz; *A. koso-poljanskii* Ovcz; Slovenia, Carniola istorica/Carniola (Kranjska; Krain; Carniola), June 1862, no signature - Collection Baron Nicomed Raffern.

Androsace vitaliana (L.) Lapeyr. – (n. 8233/fsc. 23, p. 10/b) Ref.: Hist. Pl. Pyrénées 94 1813; Syn.: *Aretia vitaliana* (L.) L. (Syst. Veg. ed. 13 162 1774); *Vitaliana primuliflora* Bertol; *Gregoria vitaliana* (L.) Duby; *Primula vitaliana* L.; Fendelberg, Zerinnatt, no date, leg. Dr. Lager.

Trib. *Primuleae*

Gen. *Cortusa* C. Linnaeus, 1753

Cortusa matthioli L. – (n. 8233/fsc. 12, p. 4/a) Ref.: Sp. Pl. ed. 1 144 (1753); Italy, Susa, Piemont, July 1858, leg. Kastren, com. Alioth (Karsten ?).

Cortusa pubens Schott, Nyman & Kotschy – (n. 8233/fsc. 23, p. 7/b) Ref.: Analect. Bot. 17 1854; Syn.: *Cortusa matthioli* L; Romania, Transsylvania, Mt. Rodnei (In alpibus Rotnensibus, Transsylvania, alt. 4000-6500 ped.), no date, leg. Czetz.

Gen. *Primula* C. Linnaeus, 1753

Primula auricula L. – (n. 8233/fsc. 23, p. 8/a) – Syn.: *Aretia auriculata* (L.) Link; *Auricula lutea* (Vill.) Opiz; *Auricula-ursi auricula* (L.) Soják; *Primula balbisii* Lehm; *Primula lutea* Vill.; Austria, Vienna, May 13, 1858, leg. J. Juratzka.

Primula auricula L. – (n. 8233/fsc. 12, p. 13/a) Ref.: Sp. Pl. 143 1753; Syn.: *Aretia auriculata* (L.) Link; *Auricula lutea* (Vill.) Opiz; Romania, Mehedinți, Băile Herculane (Banat), no date, leg. Heuffel.

Primula carpathica Fuss – (n. 8233/fsc. 23, p. 9/a) Ref.: Verh. Mitth. Siebenbürg. Vereins Naturwiss. Hermannstadt x. (1859) 149 (IK); Syn.: *P. carpathica* (Griseb. & Schenk) Fuss; *P. elatior* (L.) Hill subsp. *carpathica* (Griseb. & Schenk) W. W. Sm. & Forrest; *P. elatior* subsp. *carpathica* Nyman; *P. elatior* var. *carpathica* Nikolic; *P. elatior* (L.) Hill subsp. *elatior*; Romania, Transsylvania (In alp. Transsylvania – Budislav), no date, leg. Fronius.

Primula carpathica Fuss – (n. 8233/fsc. 23, p. 11/a) Ref.: Verh. Mitth. Siebenbürg. Vereins Naturwiss. Hermannstadt x. (1859) 149 (IK); Syn.: *P. carpathica* (Griseb. & Schenk) Fuss; *P. elatior* (L.) Hill subsp. *carpathica* (Griseb. & Schenk) W. W. Sm. & Forrest; Romania, Transsylvania, Bistrița-Năsăud, Rodna (In alpebus Rodnansibus Transsylvaniae, alt. 3500-7200 pm.), July 1862, leg. Czetz.

Primula elatior (L.) Hill – (n. 8233/fsc. 12, p. 1/c) Ref.: Veg. Syst. 8: 25 (1765); Belgium, Tirlemont, April 1868, no signature; label: Ex herb. Armand Thielens, D. S. N. Tirlemont (Belgium) – obs.: very rare.

Primula farinosa L. – (n. 8233/fsc. 12, p. 2/b) Ref.: Sp. Pl. ed. 1 143 (1753); unidentified location, May 22, 1856, leg. Eichenfets.

Primula latifolia Lapeyr. – (n. 8233/fsc. 12, p. 3/c) Ref.: Hist. Abr. Pyr. 97 (1813); Syn.: *P. graveolens* Hegetschw.; *P. hirsuta* sensu Vill., non All; *P. graveolens* Hegetschw.; Switzerland, St. Gallen, Eichberg (Monte Albula, Bhutic lul.), no date, no signature; stamp: Fer. Hehsteiner in Eichberg.

Primula glutinosa Wulfen – (n. 8233/fsc. 12, p. 3/d) Ref.: Fl. Austr. 5: 41 (1778); Austria, Valber Tauren (9900'), August 9, 1857, leg. F. Simony.

Primula graveolens Hegetschw. – (n. 8233/fsc. 23, p. 6/b) Ref.: Fl. Schweiz 194 1839; Syn.: *P. latifolia* Lapeyr.; Switzerland, cant. Graubünden (Il monte Albula), no date, leg. Dr. Lager.

Primula halleri J. F. Gmel. – (n. 8233/fsc. 12, p. 4/b) Ref.: Onomat. Bot. Compl. 7: 407 (1775); Syn.: *P. longiflora* All; Switzerland, Valais (la monte Gitziberg in Decuria Gombsensi), no date, leg. Dr. Lager (stamp on label: Botanischer Tauschverein in Wien).

Primula minima L. – (n. 8233/fsc. 12, p. 4/c) Ref.: Sp. Pl. ed. 1 143 (1753); In Alpi Trania. Szuru, no date, leg. Frounz. (Fronius ?).

Primula variabilis Bastard – (n. 8233/fsc. 12, p. 11/b) Ref.: Suppl. Fl. Maine-et-

Loire 26 1812; Syn.: *P. vulgaris* subsp. *vulgaris*; unidentified location, August 2, 1856, no signature.

Primula variabilis Bastard – (n. 8233/fsc. 12, p. 11/c) Ref.: Suppl. Fl. Maine-et-Loire 26 1812; Syn.: *P. vulgaris* subsp. *vulgaris*; Austria, Steiermark, Graz-Umgebung, Aug. 15, 1856, no signature.

Primula veris L. – (n. 8233/fsc. 12, p. 1/b) Ref.: Sp. Pl. ed. 1 142 (1753); Syn.: *P. officinalis* (L.) Hill; Belgium, Tirlemont, April 1863, no signature; label: Ex herb. Armand Thielens, D. S. N. Tirlemont (Belgium).

Primula veris L. subsp. *columnae* (Ten.) Lüdi – (n. 8233/fsc. 12, p. 10/d) Ref.: Ill. Fl. Mitteleur. ed. 1 5(3): 1752 (1927); Syn.: *P. suaveolens* Bertol; *P. columnae* Ten; *P. veris* L. subsp. *suaveolens* (Bertol.) Gutermann & Ehrend. (Oesterr. Bot. Z. 122:268. 1973); unidentified location, no date, leg. Wolff.

Primula vulgaris Huds. – (n. 8233/fsc. 23, p. 7/a) Ref.: Fl. Angl. ed. 1 70 (1762); Syn.: *P. acaulis* (L.) Hill; *P. veris* var. *acaulis* L.; Romania, Banat (In dunitis et sylvis montani Banatas), no date, leg. Heuffel.

Gen. *Soldanella* C. Linnaeus, 1753

Soldanella montana Willd. – (n. 8233/fsc. 12, p. 2/a) Ref.: Enum. Pl. Horti Berol. 192 (1809); Austria, Lower Austria, Langenlois, no date, leg. Andorfer. – stamp: Botanischer Tauschverein in Wien.

Soldanella pusilla Baumg. – (n. 8233/fsc. 12, p. 3/a) Ref.: Enum. Stirp. Transs. 1: 138 (1816); unidentified location, no date, leg. Frounz.

Soldanella pusilla Baumg. – (n. 8233/fsc. 12, p. 3/b) Ref.: Enum. Stirp. Transs. 1: 138 (1816); Switzerland, unidentified locality, no date, leg. Dr. Lager.

Subfam. *Theophrastoideae* (Bartl., 1830) A. DC., in A. P. de Candolle & A. L. P. P. de Candolle, 1844

Trib. *Samoleae*

Gen. *Samolus* C. Linnaeus, 1753

Samolus valerandi L. – (n. 8233/fsc. 12, p. 6/c) Ref.: Sp. Pl. ed. 1 171 (1753); Italy, Trentino/Südtirol, no date, leg. Elfomann an Nurnberg (stamp on label: Botanischer Tauschverein in Wien)

„*lamiids*»Ord. *Lamiales* Bromhead, 1838Fam. *Labiatae* A. L. de Jussieu, 1789, nom. cons., nom. alt.Subfam. *Ajugoideae*Trib. *Ajugeae* Benth., 1829Gen. *Ajuga* C. Linnaeus, 1753

Ajuga chamaepitys (L.) Schreb. – (n. 8233/fsc. 10, p. 11/b) Ref.: Pl. Vert. Unilab. 24 (1773); Hungary, Budapest (bei Pest auf acskes), no date, leg. Lanz.

Ajuga reptans L. – (n. 8233/fsc. 10, p. 17/b) Ref.: Sp. Pl. ed. 1 561 (1753); Belgium, Tirlemont, April 1863, no signature, label: Ex Herb. Armand Thielens, D. S. N., Tirlemont (Belgium) (degraded specimen)

Trib. *Teucrieae*Gen. *Teucrium* C. Linnaeus, 1753

Teucrium aureum Schreb. – (n. 8233/fsc. 10, p. 1/c) – Ref.: Pl. Verticil. Unilab. Gen. Sp. 43 1774; Syn.: *T. flavicans* Lam; *T. flavescens* Schreb; *T. polium* subsp. *aureum* (Schreb) Arcang; *Polium aureum* (Schreb) Moench; France, Alpes-Maritimes, Villefranche-sur-Mer (Pyrénées Orientales), no date, no signature.

Teucrium polium L. – (n. 8233/fsc. 10, p. 6/b) Ref.: Sp. Pl. ed. 1 566 (1753); Syn.: *T. commune* Rouy; S-te Locia pros Narbonna, no date, no signature.

Teucrium scordium subsp. *scordioides* (Schreb) Arcang. - (n. 8233/fsc. 10, p. 7/a); Ref.: Pl. Verticill. Unilab. Gen. Sp. 37 1774; Bull. Soc. Sci. Nancy ser. 3 9: 411 (1908); Syn: *T. scordioides* Schreb; *T. petkovii* Urum; unidentified locality, no date, no signature, comm. M. Tommasini; label: Ex herbario Florae Illyricae

Subfam. *Lamioideae*Trib. *Lamieae* Coss. & Germ., 1845Gen. *Galeopsis* C. Linnaeus, 1753

Galeopsis segetum Neck. – (n. 8233/fsc. 10, p. 12.) Ref.: Hist. Comment. Acad. Elect. Theod.-Palat. 2: 474 (1770); Syn.: *G. dubia* Leers; *G. ladanum* L. subsp. *ladanum* var. *segetum* (Neck.) Fiori; *Ladanum ochroleucum* (Lam.) Slavíková; Belgium, provinces du Limbourg, d'Anvers, Campine, July 1863, no signature; label: Ex Herb. Armand Thielens, D. S. N., Tirlemont (Belgium).

Galeopsis tetrahit L. – (n. 8233/fsc. 10, p. 13.) Ref.: Sp. Pl. ed. 1 579 (1753); Syn.: *G. praecox* Jord; *G. reichenbachii* Reut; *Tetrahit nodosum* Moench; Austria, Stiria (Steiermark), Graducisa, Sept. 8, 1852, leg. J. C. Eques Pittoni a Dannenfeldt.

Gen. *Lamium* C. Linnaeus, 1753

Lamium amplexicaule L. – (n. 8233/fsc. 10, p. 10/b) Ref.: Sp. Pl. ed. 1 579 (1753); Syn.: *L. stepposum* Kossko; no locality, no date, no signature.

Lamium maculatum L. – (n. 8233/fsc. 10, p. 11/a) Ref.: Sp. Pl. ed. 2 809 (1763); Syn.: *L. columnae* Ten; *L. foliosum* Crantz; *L. laevigatum* L; *L. tomentosum* auct., non Willd; Belgium, valley of the Meuse, August 1862, no signature; label: Ex Herb. Armand Thielens, D. S. N., Tirlemont (Belgium).

Lamium orvala L. – (n. 8233/fsc. 10, p. 9/a) Syn.: *Orvala lamioides* DC; Slovenia, Ljubljana (Carniola, prope Labacum), May 1862, no signature; label: Aus der Pflanzensammlung des Baron Nicomed Raftern. (Botanischer Tauschverein in Wien).

Lamium purpureum var. *incisum* (Willd) Pers. – (n. 8233/fsc. 10, p. 2/b) – Ref.: Sp. Pl. ed. 1 579 (1753); Syn.: *L. incisum* Pers; *L. hybridum* auct. non Vill; *L. dissectum* With; Italy, unidentified location (En aprutiis nais. el. Orjui), no date, leg. Cesati.

Gen. *Leonurus* C. Linnaeus, 1753

Leonurus marrubiastrum L. – (n. 8233/fsc. 10, p. 1/b) – Ref.: Sp. Pl. ed. 1 584 (1753); Syn.: *Chaiturus marrubiastrum* L; *C. leunuorides* Wild; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius.

Gen. *Melittis* C. Linnaeus, 1753

Melittis melissophyllum L. – (n. 8233/fsc. 10, p. 8.) Ref.: Sp. Pl. ed. 1 597 (1753); Syn.: *M. sylvestris* Lam; no locality, no date, no signature.

Gen. *Stachys* C. Linnaeus, 1753

Stachys pradica (Zanten.) Greuter & Pignatti. – (n. 8233/fsc. 10, p. 2/a) Ref.: Giorn. Bot. Ital. 113: 361 1979 publ. 1980; Syn: *Betonica hirsuta* L; *B. monieri* Gouan; *Stachys monieri* (Gouan) P. W. Ball; *S. densiflora* Benth; *S. hirsute* (L.) Della Torre & Sarnth; France, unidentified locality (Moiet-Ceucs?), no date, leg. Huguenin.

Stachys recta L. – (n. 8233/fsc. 10, p. 18/a) Ref.: Mantissa 82 (1767); Syn.: *S. nittens* Janka; *S. transsilvanica* Schur; Austria (Prope Visofinnen, Lower Austria), no date, leg. Janka (degraded specimen).

Stachys recta L. – (n. 8233/fsc. 10, p. 18/b) – Ref.: Mantissa 82 (1767) Syn.: *S. nitens* Janka; *S. transsilvanica* Schur; no locality, no date, no signature (degraded specimen).

Tribe *Marrubieae* Vis., 1847
Gen. *Sideritis* C. Linnaeus, 1753

Sideritis hissopifolia L. – (n. 8233/fsc. 10, p. 3/a) Ref.: Sp. Pl. ed. 1 575 (1753); Syn.: *S. endressii* auct. gall., non Willk; *S. brachycalyx* Pau; *S. cantabrica* Sennen & Elias; Vivace. Montagne de Grenier, au-dessus du hameau da la Plagne, no date, no signature.

Subfam. *Nepetoideae*
Trib. *Elsholtzieae* Burnett, 1835
Gen. *Elsholtzia* Willdenow, 1790

Elsholtzia ciliata (Thunb) Hyl. – (n. 8233/fsc. 10, p. 16/a) Ref.: Bot. Not. 1941: 129 (1941); Syn.: *E. cristata* Willd; *E. patrinii* (Lepech.) Garcke; Aus der Flora Galiziens, Polen, Brody, August, leg. Kloebl.

Trib. *Mentheae* Dumort., 1827
Subtrib. *Menthinae* Endl., 1838
Gen. *Clinopodium* C. Linnaeus, 1753

Clinopodium menthifolium subsp. *ascendens* (Jord) Govaerts – (n. 8233/fsc. 23, p. 4/b); Ref.: World Checklist Seed Pl. 3(1): 17 1999; Syn.: *Melissa intermedia* Baumg; *Calamintha intermedia* (Baumg.) Heinr. Braun; *Satureja intermedia* (Baumg.) Heinr. Braun; *Calamintha sylvatica* subsp. *ascendens* (Jord) P. W. Ball; Romania, Transsylvania, Bistrița-Năsăud, Dumbrăveni/Gants (prope pagum Gants in Transsylvania), August 1860, leg. Czet.

Gen. *Horminum* C. Linnaeus, 1753

Horminum pyrenaicum L. – (n. 8233/fsc. 10, p. 16/b) Ref.: Sp. Pl. ed. 1 596 (1753); Germany, Saxonia-Anhalt, Elforan in Neimberg, no date , no signature.

Gen. *Mentha* C. Linnaeus, 1753

Mentha longifolia (L.) L. – (n. 8233/fsc. 23, p. 4/a) Ref.: Fl. Monsp. 19 1756; Syn.: *M. longifolia* (L.) Huds.; *M. sylvestris* L.; *M. rotundifolia* Sole [Illegitimate]; *M. trans-*

silvanica Schur; *M. mollissima* (Schübl. & G. Martens) Borkh. ex Heinr. Braun; Switzerland, Geneva (Inter parentos pago genevensi), no date, leg. Dr. Lagger.

Gen. *Thymus* C. Linnaeus, 1753

Thymus comosus Heuff. ex Griseb. – (n. 8233/fsc. 10, p. 7/b) Ref.: Arch. Naturgesch. (Berlin) 18(1): 328 (1852); Syn.: *T. chamaedrys* Fr. subsp. *comosus* (Heuff. ex Griseb) Nyman; *T. serpyllum* f. *transsilvanicus* (Schur) Lyka; Romania, Transsylvania, no date, leg. Porcius, com. Schur.

Thymus comosus Heuff. ex Griseb. – (n. 8233/fsc. 10, p. 7/c) Ref.: Arch. Naturgesch. (Berlin) 18(1): 328 (1852); Syn.: *Thymus transsilvanicus* Schur; *Thymus comosus* var. *transsilvanicus* (Schur) Borbás; Romania, Bistrița-Năsăud, Rodna, no date, leg. Porcius.

Thymus pannonicus All. – (n. 8233/fsc. 10, p. 15/a) Ref.: Auct. Syn. Stirp. Horti Taur. 6 (1773); Syn.: *T. auctus* (Lyka) Borza; *T. kosteleckyanus* Opiz; Croatia, unidentified location, no date, no signature; label: Ex herb. Dr. Jos. Calas. Schlosser, - Flora Croatica (degraded specimen).

Thymus serpyllum L. – (n. 8233/fsc. 23, p. 3/a) Ref.: Sp. Pl. ed. 1 590 (1753); Syn.: Syn.: *Origanum serpyllum* (L.) Kuntze (1891); *Serpyllum vulgare* Fourr. (1869); *T. campestris* Salisb. (1796); no locality, no date, no signature.

Gen. *Ziziphora* C. Linnaeus, 1753

Ziziphora capitata L. – (n. 8233/fsc. 10, p. 3/b) – Ref. Sp. Pl. 21 1753; Syn.: *Cunila capitata* form. *sibirica* (Suppl. Pl. 87 1782); no locality, no date, no signature.

Subtrib. *Nepetinae* Coss. & Germ., 1845

Gen. *Glechoma* C. Linnaeus

Glechoma hederacea L. – (n. 8233/fsc. 23, p. 2.) Ref.: Sp. Pl. ed. 1 578 (1753); Syn.: *G. hindenburgiana* Graebn; *Nepeta glechoma* Benth; *N. hederacea* (L.) Trevir.; Romania, Bihor, Oradea (Grossvardein), April 1863, leg. A. Steffek – Ex flora hungarica (uncertain identification).

Gen. *Dracocephalum* C. Linnaeus, 1753

Dracocephalum nutans L. – (n. 8233/fsc. 10, p. 10/c) Ref.: Sp. Pl. ed. 1 596 (1753); Syn.: *Ruyschiana nutans* (L.) House; *Zornia nutans* (L.) Moench; Hungary, Pest, no date, leg. Richter L. – degraded specimen.

Subtrib. *Salviinae* Endl., 1838

Gen. *Salvia* C. Linnaeus, 1753

Salvia pratensis L. – (n. 8233/fsc. 10, p. 17/a) Ref.: Sp. Pl. ed. 1 25 (1753); no locality, no date, no signature (degraded specimen).

Salvia verticillata L. – (n. 8233/fsc. 10, p. 7/a) Ref.: Sp. Pl. ed. 1 26 (1753); Syn.: *S. peloponnesiaca* Boiss. & Heldr.; no locality, July 1860, leg. Steffek, Ex florae hungarica (degraded specimen).

Subfam. *Scutellarioideae*

Gen. *Scutellaria* C. Linnaeus, 1753

Scutellaria albida L. – (n. 8233/fsc. 10, p. 5/b) Ref.: Mantissa Alt. 248 (1771); Syn.: *S. pallida* M. Bieb; *S. woronowii* Juz; unidentified locality, July 18, 1846, leg. Janka.

Scutellaria alpina L. subsp. *supina* (L.) Richardson – (n. 8233/fsc. 10, p. 1/a) Ref.: Bot. Jour. Linn. Soc. 65: 262 (1972); Syn.: *S. lupulina* L.; *S. supina* L.; *S. verna* Besser; Romania, Transsylvania, Aiud (prope Nagy Enyeo), July 1860, leg. Dr. Pavai.

Scutellaria altissima L. – (n. 8233/fsc. 10, p. 10/a) Ref.: Sp. Pl. ed. 1 600 (1753); Romania, Băile Herculane (In prope ad Thermis Herculis in Banatis), no date, leg. Heuffel.

Scutellaria minor Huds. – (n. 8233/fsc. 10, p. 11/c) Ref.: Fl. Angl. ed. 1 232 (1762); Belgium, Aerschot, June 1862, no signature, Label: Ex Herb. Armand Thielens, D. S. N., Tirlemont (Belgium).

Fam. *Plantaginaceae* A. L. de Jussieu, 1789, nom. cons.

Gen. *Paederota* C. Linnaeus, 1758

Paederota bonarota (L.) L. – (n. 8233/fsc. 27, p. 13/b) Ref.: Opera Var. 200 200 1758; Syn.: *Veronica bonarota* L.; Austria, unidentified location (Schlera in pinctirol – 5500-5800'?), August 2, 1855, leg. F. Simony.

Subfam. *Antirrhinoideae* (Pers., 1807) Kostel., 1834

Trib. *Antirrhineae* Dumort., 1827

Gen. *Antirrhinum* C. Linnaeus, 1753

Antirrhinum sempervirens Lapeyr. – (n. 8233/fsc. 27, p. 11/a) Ref.: Fig. Fl. Pyr. 1: 7 (1795); Syn.: *A. majus* subsp. *sempervirens* (Lapeyr.) Malag.; *A. molle* St.-Amans; *Orontium sempervirens* Pers.; Hautes-Pyrénées (Miers du cimetière de Gedre), Sept. 1852; leg. Huet du Pavillon – Plantes des Pyrénées.

Gen. *Linaria* P. Miller, 1754

Linaria supina Desf. – (n. 8233/fsc. 27, p. 11/b) Ref.: Flora Atlantica 2: 44. 1798; Syn.: *L. supina* (L.) Chaz; *L. pyrenaica* DC; Pyrénées (Protr de Molls), no date, no signature.

Subfam. *Digitalidoideae* (Augier, 1801 ex Martinov, 1820) Luer., 1882

Trib. *Veroniceae*

Gen. *Veronica* C. Linnaeus, 1753

Veronica acinifolia L. var. *ciliata* mihi – (n. 8233/fsc. 27, p. 2/a) Ref.: Sp. Pl. ed. 2 19 (1762); Croatia (in Krentz), May 1855; Ex herb. Lud. Farkas-Vukotinovic – Flora Croatica.

Veronica agrestis L. – (n. 8233/fsc. 27, p. 13/a) Ref.: Sp. Pl. ed. 1 13 (1753); Syn.: *Cardia agrestis* (L.) Dulac; *Cochlidiosperma agreste* (L.) Opiz; *Pocilla agrestis* (L.) Fourr.; Romania, Bihor, Oradea (Grossvardein/Grvardein), March 7, 1860, leg. A. Steffek – Flora Hungar.

Veronica alpina L. var. *integrifolia* – (n. 8233/fsc. 27, p. 4/b) Ref.: Sp. Pl. ed. 1 11 (1753); Syn.: *V. alpina* L. subsp. *alpina*; *V. integrifolia* Schrank; Romania, Transsylvania, Rodna, no date, leg. Porcius.

Veronica anagallis-aquatica L. – (n. 8233/fsc. 27, p. 15/a) Ref.: Sp. Pl. ed. 1 12 (1753); Syn.: *V. anagallis* auct; *V. aquatica* L.; Belgium, Vallonia, Namur, Marche les Dames, March 1863; Ex herb. Armand Thielens, D. S. N., Tirlemont (Belgium).

Veronica austriaca L. – (n. 8233/fsc. 27, p. 6/a) Ref.: Syst. Nat. ed. 10 2: 849 (1759); Syn.: *V. dentata* F. W. Schmidt; *V. maxima* Mill; no location, no date, leg. Schniler.

Veronica chamaedrys L. – (n. 8233/fsc. 27, p. 6/b) Ref.: Sp. Pl. ed. 1 13 (1753); Syn.: *Cardia ciliata* Dulac; *V. bibarbata* Stokes; *V. chamaedrya* St.-Lag; *Veronicella chamaedrys* Fourr.; no location, no date, leg. illegible.

Veronica hederifolia L. – (n. 8233/fsc. 27, p. 17/c) Ref.: Sp. Pl. 1: 13-14 13 1753; Syn.: *V. sublobata* M. A. Fisch; Romania, Bihor, Oradea (inbavall in Grossvardein), March 27, 1863, leg. Steffek.

Veronica longifolia L. – (n. 8233/fsc. 27, p. 4/a) Ref.: Sp. Pl. ed. 1 10 (1753); Syn.: *V. septentrionalis* Boriss; *V. transilvanica* Schur; Romania, Transsylvania, Năsăud, no date, leg. Porcius.

Veronica montana L. – (n. 8233/fsc. 27, p. 13/c) Ref.: Cent. Pl. 1: 3 (1755); Belgium, Vallonia, Liege, Spa, June 1862; Ex herb. Armand Thielens, D. S. N., Tirlemont (Belgium) – obs.: degraded specimen and possibly erroneous identification.

Veronica nivalis Schur. – (n. 8233/fsc. 27, p. 15/c) Ref.: Verh. Mitth. Siebenbürg. Vereins Naturwiss. Hermannstadt 4: 55 1853; Romania, Transsylvania, Rodna, August 1858, leg. Czetz.

Veronica praecox All. – (n. 8233/fsc. 27, p. 15/b) Ref.: Auct. Fl. Pedem. 5 (1789); Syn.: *Cardia praecox* (All.) Dulac; *Cochlidiosperma praecox* (All.) Opiz; *Omphalospora praecox* (All.) Fourr.; Belgium, Vallonia, Obourg call. Martinis, June 1863; Ex herb. Armand Thielens, D. S. N., Tirlemont (Belgium).

Veronica prostrata L. – (n. 8233/fsc. 27, p. 17/b) Ref.: Sp. Pl. ed. 2 22 1762; Syn.: *Cardia prostrata* Dulac; *V. prostrata subsp. prostrata*; no locality, no date, no signature.

Veronica regabunga – (n. 8233/fsc. 27, p. 17/a) no locality, no date, no signature.

Subfam. *Globularioideae* (DC., in Lamarck & A. P. de Candolle, 1805) Luer., 1882

Gen. *Globularia* C. Linnaeus, 1753

Globularia nudicaulis L. – (n. 8233/fsc. 12, p. 16/a) Ref.: Sp. Pl. ed. 1 97 (1753); Syn.: *G. alpina* Salisb.; unidentified location, May 9, 1862, leg. Oberlaitner – (stamp on label: Botanischer Tauschverein in Wien).

Globularia vulgaris L. – (n. 8233/fsc. 12, p. 16/b) Ref.: Sp. Pl. ed. 1 96 (1753); Syn.: *G. bisnagarica* L.; Belgium, unidentified location, June 1862, Ex Herb.: Armand Thielens, D. S. N. Tirlemont (Belgium).

Fam. *Verbenaceae* Jaume Saint-Hilaire, 1805, nom. cons.

Trib. *Verbeneae*

Gen. *Verbena* C. Linnaeus, 1753

Verbena supina L. – (n. 8233/fsc. 27, p. 15/d) Ref.: Sp. Pl. ed. 1 21 (1753); Syn: *Heliotropium deserti* Vatke; *V. procumbens* Forssk.; *V. radicans* Moench; unidentified locality (Kis uj onallcas), no date, leg. Janka.

Ord. Gentianales Lindley, 1833

Fam. *Rubiaceae* A. L. de Jussieu, 1789, nom. cons.

Subfam. Rubioideae

Trib. Rubieae

Gen. *Callipeltis* C. Steven, 1829

Callipeltis cucullaris (L.) Rothm. – (n. 8233/fsc. 29, p. 15/d) Ref.: Feddes Repert. 50: 72 (1941); Syn: *Callipeltis cucullaria* DC; Spain, Siera da Godor, no date, leg. Bourgeau – Costa.

“*campanulids*”

Order Apiales Nakai, 1930

Fam. Umbelliferae A. L. de Jussieu, 1789, nom. cons., nom. alt.

Subfam. Apioideae

Gen. *Pachypleurum* Ledebour, Fl. Altaic. 1: 296. 1829.

Pachypleurum alpinum Ledeb. – (n. 8233/fsc. 27, p. 8/b) Ref.: Fl. Altaic. 1: 297 297 1829; Syn.: *Ligusticum mutellinoides* (Crantz) Vill; *Neogaya simplex* (L.) Meisn; Austria, Vienna, August 15, 1857, leg. J. Juratzka.

Trib. Apieae Takht. ex V. M. Vinogr., 2004

Gen. *Bupleurum* C. Linnaeus, 1753

Bupleurum angulosum L. – (n. 8233/fsc. 29, p. 10/a) Ref.: Sp. Pl. ed. 1 236 (1753); Syn.: *B. pyrenaeicum* Willd.; *B. pyrenaeum* Gouan; *Tenoria pyrenaea* Spreng.; France, Languedoc-Roussillon, Pyrénées (Esquiersy), no date, no signature (leg. possibly Huet du Pavillon).

Bupleurum caricinum Rchb. – (n. 8233/fsc. 29, p. 10/b) Ref.: Iconogr. Bot. Pl. Crit. 9: f. 1109 1831; Syn.: *B. ranunculoides* L; *B. ranunculiformis* St.-Lag.; *B. ranunculoideum* St.-Lag.; *Selinum rauunculoides* E. H. L. Krause; *Tenoria caricifolia* Bubani; France, Languedoc-Roussillon, Pyrénées Orientales, Entrée de la Valles d'Eynes, August 20, 1852, leg. Huet du Pavillon – Plantes des Pyrénées.

Trib. *Caucalideae* Spreng., in J.J. Roemer & J.A. Schultes, 1820

Gen. *Caucalis* C. Linnaeus, 1753

Caucalis muricata Bisch – (n. 8233/fsc. 29, p. 13.) Ref.: Sp. Pl.: 241 (1753); Syn.: *C. platycarpus* L; *C. platycarpus* subsp. *muricata* Holub; *C. platycarpus* var. *muricata* (Bisch. ex Celak.) V. N. Tikhom.; *C. lappula* Grande; Austria, Vienna, July 8, 1855, leg. J. Juratzka.

Trib. *Peucedaneae* (W. D. J. Koch, 1824) Dumort., 1827

Gen. *Peucedanum* C. Linnaeus, 1753

Peucedanum carvifolia Vill. – (n. 8233/fsc. 10, p. 4/a) Ref.: Prosp. Pl. Dauph. 25 (1779); Syn.: *P. chabraei* (Jacq.) Rchb; *P. podolicum* (Besser) Eichw; Austria, Vienna, July 20, 1858, leg. J. Juratzka (obs.: degraded specimen).

Trib. *Scandiceae*

Gen. *Anthriscus* Persoon, 1805, nom. cons.

Anthriscus caucalis M. Bieb. – (n. 8233/fsc. 27, p. 8/a) Syn.: *A. vulgaris* Pers., non Bernh; *A. scandicina* Mansf; *Cerefolium anthriscus* (L.) Beck; *Chaerophyllum anthriscus* (L.) Crantz; Romania, Banat, June-July, leg. Heuffel.

Trib. *Tordylieae*

Gen. *Tordylium* C. Linnaeus, 1753

Tordylium maximum L. – (n. 8233/fsc. 10, p. 5/a) Ref.: Sp. Pl. ed. 1 240 (1753); Romania, Bihor, Oradea (Grosswardein), 1870, leg. Steffek.

Subfam. *Saniculoideae*

Trib. *Saniculeae*

Gen. *Astrantia* C. Linnaeus, 1753

Astrantia carniolica Jacq. – (n. 8233/fsc. 10, p. 4/b) Ref.: Fl. Austr. 5: 31 (1778); Slovenia, Recca Rauna in Idria, no date, leg. illegible

Ord. *Asterales* Link, 1829

Fam. *Campanulaceae* A. L. de Jussieu, 1789, nom. cons.

Subfam. *Campanuloideae*

Trib. *Campanuleae* Dumort., 1827

Gen. *Campanula* C. Linnaeus, 1753

Campanula cenisia L. – (n. 8233/fsc. 23, p. 6/a) Ref.: Sp. Pl. ed. 2 1669 (1763); Syn.: *Campanula rosulata* Vuk.; Switzerland, Uri, unidentified locality, Sept. 1854, leg. Christ. Notar.

Campanula eliptica Kit. – (n. 8233/fsc. 12, p. 15/c) Syn.: *C. elipitica* Kit.; Croatia, unidentified location, no date, no signature; Ex herb. Dr. Jos. Calas. Schlosser – Flora Croatica.

Campanula nicaeensis Roem. & Schult. – (n. 8233/fsc. 12, p. 17/a) Ref.: Systema Vegetabilium 5: 126. 1819 (Dec 1819); France, Nice, no date, no signature - Herbarium I. et R. Musaei Florentinii.

Campanula longifolia Schloss. & Vuk. – (n. 8233/fsc. 12, p. 17/b) Ref.: Syll. Fl. Croat. 72. 1857; unidentified location, no date; Ex Herb. Dr. Jos. Calas. Schlosser – (Flora Croatica).

Campanula rhomboidalis L. – (n. 8233/fsc. 23, p. 5/b) Ref.: Sp. Pl. ed. 1 165 (1753); Syn.: *C. rubra* auct.; *C. songeonii* Chabert; *C. venosa* Willd.; unidentified location (in Grindnbswald?), 1856, leg. illegible.

Trib. *Phyteumateae* Dumort., 1827Gen. *Phyteuma* C. Linnaeus, 1753

Phyteuma ovatum Honck. – (n. 8233/fsc. 23, p. 5/a) Ref.: Vollst. Syst. Verz. 1: 653 (1782); Romania, Bistrița-Năsăud, Rodna (in Rodnenfibund Transilvanie), July-August 1856, leg. Czetz.

Trib. *Wahlenbergieae*Gen. *Wahlenbergia* H.A. Schrader ex A. W. Roth, 1821, nom. cons.

Wahlenbergia gracilis (G. Forst.) A. DC. – (n. 8233/fsc. 12, p. 15/a) Ref.: Monogr. Campan. 142 1830; Syn.: *C. gracilis* G. Forst; *Wahlenbergia marginata* (Thunb) A. DC; Switzerland, Freiburg, no date, leg. Dr. Lagge.

Family *Compositae* Giseke, 1792, nom. cons., nom. alt.Subfamily *Asteroideae*Tribe *Anthemideae* Cass., 1819Subtribe *Achilleinae* K. Bremer & Humphries, 1993

Gen. *Achillea* C. Linnaeus, 1753

Achillea macrophylla L. – (n. 8233/fsc. 13, p. 15/b) Ref.: Sp. Pl. ed. 1 898 (1753); Syn.: *Ptarmica macrophylla* (L.) DC; Austria, unidentified location, no date, no signature – Ex C. Birnbacher Herbario.

Achillea millefolium L. – (n. 8233/fsc. 13, p. 15/c) Ref.: Sp. Pl. ed. 1 899 (1753); Syn.: *Chamaemelum millefolium* (L.) E. H. L. Krause; Hungary, Vas, Szombathely (Nagy Szombathely), July 18, 1856, leg. Dr. Krzisch. - Ex Florae Hungariae.

Achillea millefolium var. *setacea* (Waldst. & Kit.) W. D. J. Koch – (n. 8233/fsc. 13, p. 14/b) Ref.: Fl. Germ. et Helv. (2): 373. 1837; Austria, Vienna (Liminoull juispsum St. Mart imdum Belvederi), June 27, 1854, leg. J. Juratzka.

Achillea nobilis L. – (n. 8233/fsc. 13, p. 15/a) Ref.: Sp. Pl. ed. 1 899 (1753); Syn.: *Chamaemelum achilleum* E. H. L. Krause; Crape Diha, July 18, 1856, leg. Dr. Krzisch, Ex Florae Hungariae.

Achillea odorata L. – (n. 8233/fsc. 13, p. 16/a) Ref.: Syst. Nat. ed. 10 2: 1225 (1759); Syn.: *A. microphylla* Willd; *A. odorata* var. *microphylla* (Willd) Willk; *A. odorata* ssp. *pectinata* (Lam.) Briq; unidentified location, no date, comm. M. Tommasini.

Subtrib. *Artemisiinae* Less., 1830Gen. *Artemisia* C. Linnaeus, 1753

Artemisia laciniata Willd. – (n. 8233/fsc. 13, p. 7/a) Ref.: Sp. Pl. 3: 1843 (1803); Syn.: *A. laciniatiformis* Kom.; unidentified location, Sept. 15, 1855, leg. Adolf Engler.

Artemisia rupestris L. – (n. 8233/fsc. 13, p. 8.) Ref.: Sp. Pl. 2: 847 1753; unidentified location, 1855, leg. (c. Banse).

Subtrib. *Chrysantheminae* (Cassini, in F. Cuvier, 1823 ex Lindl., in Loudon, 1829)
Less., 1830Gen. *Chrysanthemum* C. Linnaeus, 1753

Chrysanthemum alpinum L. – (n. 8233/fsc. 13, p. 18/b) Ref.: Sp. pl. 2:889. 1753; Syn.: *Leucanthemopsis alpina* (L.) Heywood subsp. *alpine*; *Leucanthemum alpinum* (L.) Lam; *Tanacetum alpinum* (L.) Sch. Bip. subsp. *alpinum*; Slovakia, Tatra Mountains, Bodice, Sept. 6, 1858, leg. illegible (obs.: degraded specimen).

Subtrib. *Tanacetinae*Gen. *Tanacetum* C. Linnaeus, 1753

Tanacetum vulgare L. – (n. 8233/fsc. 13, p. 16/b) Ref.: Sp. Pl. ed. 1 844 (1753); Syn.: *Chrysanthemum tanacetum* Karsch, non Vis; *C. vulgare* (L.) Bernh., non (Lam.) Gaterau; *Pyrethrum vulgare* (L.) Boiss; Austria, Vienna, Aug. 1857, leg. J. Juratzka.

Trib. *Astereae* Cass., 1819Subtrib. *Asterinae* Dumort., 1827Gen. *Aster* C. Linnaeus, 1753

Aster tripolium L. – (n. 8233/fsc. 13, p. 6/b) Ref.: Sp. Pl. ed. 1 872 (1753); Syn.: *Tripolium vulgare* Nees; Germany, Brandenburg Flora, unidentified location, September 10, 1858, no signature – Ex herbario Schrammii.

Trib. *Gnaphalieae* Lecoq & Juill., 1831Subtrib. *Gnaphaliinae* Dumort., 1829Gen. *Filago* C. Linnaeus, 1753

Filago pyramidata L. – (n. 8233/fsc. 13, p. 13/b) Ref.: Sp. Pl. ed. 1 1199 [1230] (1753); Syn.: *F. spathulata* C. Presl; *Gifola spathulata* (C. Presl) Rchb; Italy, Friuli-Venezia Giulia, Triest (bei Triest), no date, leg. Pivoll.

Gen. *Micropus* C. Linnaeus, 1753

Micropus erectus L. – (n. 8233/fsc. 13, p. 18/a.) Ref. Sp. Pl. 2: addenda, 1230 (1753); Syn.: *Bombycilaena erecta* (L.) Smoljan; *M. erectus* L. subsp. *erectus*; France, Alpes-Maritimes, Provence-Alpes-Cote d'Azur, Villefranche-sur-Mer, July 1859, leg. Huet du Pavillon, Pyrénées Orientales.

Trib. *Heliantheae* Cass., 1819Subtrib. *Coreopsidinae* Dumort., 1829Gen. *Bidens* C. Linnaeus, 1753

Bidens cernua L. – (n. 8233/fsc. 13, p. 10/a) Ref.: Sp. Pl. ed. 1 832 (1753); Syn.: *B. cusickii* Greene; *B. dentata* (Nutt.) Wiegand; *B. elliptica* (Wiegand) Gleason; Czech Republic, Namiest, September 7, 1855, leg. Roemer - Namiest.

Trib. *Inuleae* Cass., 1819Gen. *Inula* C. Linnaeus, 1753

Inula ensifolia L. – (n. 8233/fsc. 13, p. 11/b) Ref.: Sp. Pl. ed. 1 883 (1753); Syn.: *Aster ensifolius* Scop.; Austria, Vienna, July 28, 1854, leg. J. Juratzka.

Inula germanica L. – (n. 8233/fsc. 13, p. 9.) Ref.: Sp. Pl. ed. 1 883 (1753); Syn.: *Aster germanicus* (L.) Cav.; *Inula media* W. D. J. Koch; Germany, Erfurt, August 5, 1847, leg. Schrammii – Brandenburg Flora.

Inula spiraeifolia L. – (n. 8233/fsc. 13, p. 6/a) – Ref.: Syst. Nat. ed. 10 2: 1219 (1759); Syn.: *I. squarrosa* L.; Italy, Trentino-Alto Adige/Südtirol, Riva del Garda (Prope Riva), no date, no signature; stamp: Herbarium Petri Portae.

Gen. *Pulicaria* J. Gaertner, 1791

Pulicaria dysenterica (L.) Bernh. – (n. 8233/fsc. 13, p. 12/b) Ref.: Syst. Verz. Erfurt 153 (1800); Syn.: *P. uliginosa* Steven ex DC., non Gray; Italy, Friuli-Venezia Giulia, Valle di Zaule (bei Zaule), Aug. 20, 1857, no signature.

Trib. *Senecioneae*

Subtrib. *Senecioninae* Dumort., 1827

Gen. *Senecio* C. Linnaeus, 1753

Senecio crucifolius L. – (n. 8233/fsc. 13, p. 10/b); Germany, Brandenburg Flora, unidentified location, Sept. 7, 1858, no signature – Ex herbario Schrammii.

Senecio pyrenaicus L. – (n. 8233/fsc. 13, p. 18/d) Ref.: Iter Hisp. 304 (1758); Syn.: *S. tournefortii* Lapeyr.; *S. tournefortii* Lapeyr. subsp. *tournefortii*; *S. tournefortii* Lapeyr. subsp. *tournefortii* var. *tournefortii*; France, Pyrénées (Esquicroi), no date, leg. Huet du Pavillon.

Subfam. *Carduoideae*

Trib. *Cardueae* Cass., 1819, nom. corr.

Subtrib. *Carduinae* Dumort., 1827

Gen. *Jurinea* Cassini, 1821

Jurinea cyanoides (L.) Rchb. – (n. 8233/fsc. 13, p. 11/a) Ref.: "Rchb., Fl. Germ. Excurs. 1831." 290 1831; Prod. 6: 676 (1838); Syn.: *Carduus cyanoides* L.; *Cirsium cyanoides* Hill; Germany, Brandenburg Flora, unidentified location, Febr. 11, 1858, no signature – Ex herbario Schrammii.

Subfam. *Cichorioideae*

Trib. *Lactuceae* Cass., 1819

Subtrib. *Crepidinae* Dumort., 1827

Gen. *Crepis* C. Linnaeus, 1753

Crepis foetida subsp. *rheadifolia* (M. Bieb) Čelak. – (n. 8233/fsc. 13, p. 12/a) Ref.: Prodr. Fl. Böhmen 190, 785 - 1871; Syn.: *Barkhausia rheadifolia* (M. Bieb) Rchb.; *B. rheadifolia* M. Bieb.; *Crepis rheadifolia* M. Bieb.; *Anisoderis rheadifolia* (M. Bieb) Fisch. & C. A. Mey.; Italy, Friuli-Venezia Giulia, Trieste, no date, leg. Pivoll.

Crepis paludosa (L.) Moench - (n. 8233/fsc. 13, p. 17/b) Ref.: Sp. Pl. 535 1794; Syn.: *Geracium paludosum* Rchb; Germany, Sachsen-Anhalt, Dessau-Wörlitzer Gartenreich (In pratis uliginosis ad S. Georgium), June 1, 1856, leg. Bolla.

Crepis setosa Haller f. – (n. 8233/fsc. 13, p. 14/a) Ref.: Arch. Bot. (Roemer) 1(2): 1 (1797); Syn.: *C. hispida* Waldst. & Kit; Romania, Transsylvania, no date, com. Steffek.

Subtrib. *Hypochaeridinae* Less., 1832

Gen. *Hypochaeris* C. Linnaeus, 1753

Hypochaeris helvetica Wulfen – (n. 8233/fsc. 13, p. 16/c) – Ref.: in Jacq. Misc. ii. 25. ii. 25; Syn.: *Achyrophorus helveticus* Less.; Slovakia, Mt. Tatra, Bodice (Bodicer Spitz in der Slichen Tatra), Sept. 6, 1858, leg. illegible.

Subtrib. *Lactucinae* Dumort., 1827

Gen. *Lactuca* C. Linnaeus, 1753

Lactuca serriola L. – (n. 8233/fsc. 13, p. 17/a) Ref.: Cent. Pl. 2: 29 (1756); Syn.: *L. dubia* Jord; *L. scariola* L.; *L. sylvestris* Lam.; Switzerland, Canton Geneva, no date, leg. Dr. Lager.

Subtrib. *Sonchinae* Rouy, 1927

Gen. *Sonchus* C. Linnaeus, 1753

Sonchus arvensis L. – (n. 8233/fsc. 13, p. 13/a) Ref.: Sp. Pl. ed. 1 793 (1753); Syn.: *S. vulgaris* Rouy; *S. vulgaris* Rouy subsp. *vulgaris*; Italy, Friuli-Venezia Giulia, Trieste (propre Tergestum), no date, leg. Pivoll.

Conclusions (Part III)

This third part of the publication on Th. Schreiber's herbarium continues the evaluation of the floristic material it contains, this time focusing on the content

of the first box where, similar to the third box (presented in Part II - Danciu & Golban, 2014), there are sheets with botanized plants arranged in numbered bundles, and their numbering continues the presentation of the second part of this herbarium (which ended at bundle no. IX), starting with bundles nos. 10, 11, 12, 13 and 14, and followed by the bundles numbered 21, 22, 23, 24, 25, 26, 27, 28, and 29, summing up 14 bundles (see Charts 1 & 2). Regarding the numbering of bundles, respectively its ordering, this time we deal with the original numbering, using Arabic numerals, as compared to the numbering of the previous bundles (in Part II) which used Latin numerals (written in pencil from I to IX), representing a numbering remade in order to rearrange in their initial order the bundles which have lost their title page, using the original Arabic numeral (a numbering which eventually remained uncompleted, leaving four unnumbered bundles).

Without reiterating the details regarding the origin of this herbarium and the still unclarified identity of its owner, as some of them were already presented (Danciu & Golban, 2013, 2014), yet we do mention that it hypothetically was in the possession of Th. Schreiber, a former fourth grade student of the then Gymnasium of the Premonstratensian Monastery in Oradea (then High School No. 4 and today's "Mihai Eminescu" National College in Oradea), the bundles being arranged in January 1866. It is its very oldness that determined the representatives of the museum (Tiberiu Jurcsák and Toma Béczy), the specialists who identified it, to take it over in 1955 considering that the best place for the botanized flora samples discovered at the former High School no. 4 should be in the botanical collection of the Natural Sciences Department of the Țării Crișurilor Museum. There have been references to this acquisition and mentions of this herbarium over time, which showed both its oldness (it dates from the second half of the 19th century) and the celebrity at the time of some of its collectors, but also possible errors regarding the identification of the plants or the preservation condition of the botanized material, as well as some annotations found on the labels (Marossy A., 1973).

Similar to the previous parts, following the presentation of the taxonomic situation and the details inferred by the labels indicating the taxon, date and location, where identified, as well as the name of the collector, we find that the collection area covered almost the entire Europe, that is, countries in its West (Spain, France, Belgium), in the North (Finland, Sweden, Germany, Poland), in Central Europe (Switzerland, Austria, the Czech Republic, Slovakia, Hungary, Romania, Serbia), in the East (Russia, Ukraine), and the South (Greece, Croatia, Slovenia, Italy). The way the herbarium is arranged in bundles is identical to that presented in Part II, this time being 14 bundles, which consist of herbarium sheets with 441 species.

The flora material collected also represents various areas, the data on labels sometimes displaying geographical aspects (Plantes des Pyrénées, Pyrénées Orientales, Pyrénées Centrales, Pyrénées australis, Alpes-Maritimes, Alpes pedemont, Karpaten), other times national characters (Flora Croatica, Flora Illyrica, Flora Hungarica, Flora Galiziens, Flora von Tyrol, Brandenburg Flora); among the identified collectors there are names of a certain fame at that time, being specialized for certain areas. As in previously presented cases, we are positive that there are still locations whose names were not accessible or not mentioned, and difficulties of this kind were encountered also when trying to identify the authors (see Annex 2). Thus, in the bundles in the first box, we came across a number of collectors, famous in those days, such as:

- in Spain, we found Antonio Cipriano Costa y Cuxart (1817-1886), author of a paper on the flora of Catalonia (Costa, 1864) and Pedro del Campo (1852- ?), a botanical collector in the province of Granada.

- in France, there are important collectors such as F. G. Alioth (1819-1878), a French physician and Swiss naturalist, botanical collector in central-western Europe; Eugene Bourgeau (1813-1877), born in Haute-Savoie, France, who as a young man worked at the Botanical Gardens in Lyon and later became a collector from various areas in France, Spain, Italy, Northern Africa, and Canada; Joseph Delbos (1824-1882), a former professor of mineralogy at the Faculty of Sciences in Nancy, author of a study on the distribution of plants in the department of Gironde (France); Alfred Huet de Pavillon (1829-1907), a French botanist, brother of Eduard Huet de Pavillon, himself a botanist, too, and with whom he worked, was the author of a study on the flora of the Pyrénées; Auguste Huguenin (1780-1860), a professor of natural history in Chambéry, Savoie, botanical collector in that part of France, but also in Switzerland and Italy; A. Fr. Le Jolis (1823-1904), a merchant, judge and botanist, founding member of the National Society of Natural Sciences and Mathematics in Cherbourg; Pierre Marie Alexis Millardet (1838-1902), a French botanist, professor of botany at the universities of Strasbourg, Nancy and Bordeaux, the creator of the fungicide called „bordelese sap”; Édouard Timbal-Lagrave (1819-1888), a French pharmacist and botanist specializing in the study of the flora of the Pyrénées, author of a herbarium housed at the Natural History Museum in Toulouse.

- in Belgium there is again the name of Armand Thielens (1833-1878), the owner of a herbarium which helped him with his study on the medical flora of Belgium (Thielens, 1862).

- in Italy there are several names with a certain fame in the field of botany, of which we mention Antonio Bertoloni (1775-1869), a physician and botanist,

head of the chair of botany at the University of Bologna; Mutius von Tommasini (1794-1879), an Italian botanist, civil servant in the Istria County and mayor of Trieste, collector of the flora of the region (northern Italy, Croatia); Vincenzo de Cesati (1806-1883), born in Milan, former manager of the Botanical Gardens of Naples, whose botanical collections are preserved at the University of Rome; Felippo Parlatore (1816-1877), a Sicilian botanist and physician, born in Palermo, author of the first study on the flora of Sicily and of many other works on botanical topics, who, after travelling throughout Italy, Switzerland, France, and Scandinavia, became professor of botany at the Museum of Natural Sciences and manager of the Botanical Gardens in Florence; Agostino Todaro (1818-1892), a botanist born in Palermo, where he has spent all his life, becoming professor of botany and manager of the local Botanical Gardens; Giulio Andrea Pirona (1822-1895), a botanist and naturalist, school teacher and preserver at the Civic Museum in Udine, later president of the Venetian Institute of Sciences, Literature and Arts; Pietro Porta (1832-1923), a priest known as „the botanist of Valvestino”, who kept in touch with many botanists of the time such as Franz Hausmann, better known as the author of a study on the flora of Tyrol and who, together with his friends Roperto Huter (1834-1919) and Gregorio Rigo (1841-1922), collected and studied the flora of South Tyrol and other regions.

- in Switzerland, among the more important names we mention Franz Josef Lager (1802-1870), a Swiss botanist and botanical collector in several European countries besides Switzerland (such as Germany, Austria, France, Italy); Heinrich Zollinger (1818-1859), a Swiss botanist, yet famous for his expedition in the Dutch Indies, leaving major collections, besides the one in Switzerland (in Solothurn), in the Herbarium in Paris and in the Dutch National Herbarium (the universities of Leiden and Utrecht). Other names of botanical collectors to be mentioned here are Christian Christener (1810-1872), F. C. Rechsteiner and Christ. Notar.

- in northern Europe, in countries like Germany, Sweden and Norway, we find names of herbalists such as Adolf Engler (1844 -1930), a professor of botany and manager of the Botanical Gardens Wroclaw and Berlin; Ernst Boll (1817-1868), a German naturalist, author of the Mecklenburg flora; J. N. Buek (1736-1812), a German pharmacist and herbalist, specialized in the region of Frankfurt upon Oder, author of the study “Flora Francofurtana”; Otto W. Sonder (1812-1881), born in Hamburg, author of a study on the local flora (Flora Hamburgensis), and co-author (together with W. H. Harvey) of a study on the flora of some colonial territories in South Africa (Flora Capensis - 7 volumes); G. Griewank (1828-1895), a botanical collector in the northern regions of Germany; Hermann Karsten (1817-1908), a German botanist and taxonomist, former professor at the agricultural college in

Berlin and the University of Vienna; F. A. Kornicke (1828-1908), a well-known and appreciated botanist, founder of the „Prussian Botanical Club” whose mission was to promote knowledge of the flora of East Prussia and Pomerania; C. B. Lehmann (1811-1875), a German pharmacist and botanist for the Magdeburg region, but also for areas in Switzerland, Upper Italy, Trieste, Vienna, and Prague; Heinrich Moritz Willkomm (1821-1895), a German physician and herbalist who collected plants in Germany, Spain and Portugal; C. F. H. Wimmer (1803-1868), a German botanist, author of studies on the flora of Silesia; and the collector Baron Nicomed Rastern.

- in Sweden and Norway we came across the name of Carl Hartman (1824-1884), a Swedish botanist, author of a study on Scandinavian flora, who had a fruitful cooperation with the Italian botanist F. Parlatore with regard to the botanical research of the Scandinavian region;

- in central Europe, on the today territories of Slovakia, Austria, Hungary, Slovenia, Croatia, Serbia, Romania (Transylvania and Banat) and Western Ukraine (Galicia), back when they were part of the Austro-Hungarian Empire, there are the names of the following botanists: A. Makowsky (1833-1908), Wilhelm Siegmund (1821-1897), and J. F. Knaf (1801-1865) in the Czech Republic; Johann Bolla (1806-1881), a well-known botanist and entomologist of Serbian origin, and Wilhelm August Schneller (1807-1886), an officer and amateur botanist, collector in the area of Bratislava, but also in Serbia (Vojvodina) and Slovakia. In Hungary we can mention F. A. Hazslinszky von Hazslin (1818-1896), a German native from Slovakia, botanical collector for areas in both Hungary and Slovakia, Lajos Ludwig Richter (1844-1917), a liberal collector who worked in Budapest, collector of plants from an extended area (in Hungary, Slovakia, Switzerland, Romania, Iran and Algeria), author of a huge herbarium, and also Jermy Gusztav (1833-1900), and J. F. Krzisch (1812-1875). In Austria we find the names of Jacob Juratzka (1821-1878), a botanist mainly interested in Northern Austria, Victor Janka (1837-1890), officer and botanist, curator of the department of botany at the National Museum in Budapest, Dominik Bilimek (1813-1884), minister and professor of natural history for the military academies of the Austrian Empire, Franz Hausmann (1810-1878), author of a famous work on the “Flora of Tyrol”, Georg von Frauenfeld (1807-1873), a naturalist involved in the development of the Natural History Museum in Vienna, as well as J. N. Bayer (1802-1870), Carl Birnbacher, Josef Braunstingel, A. Grabmayr, H. Haslinger, and C. von Hepperger. In Croatia it is worth mentioning the name of Liudjevit Farkas Vukotinovic (1813-1893), a politician and herbalist, author of the herbarium *Flora Regni Croatiae*. For the Romanian territories of Transylvania and Banat, then included in the Austro-Hungarian Empire, among

the botanical collectors (several of them already mentioned in the previous parts) there are Florian Porcius (1816-1906) and Antal Czetzy (1801-1865), for the Bistrița-Năsăud region, Julius (Gyula) Wolff (1844-1921), for the Cluj-Turda area, Adolf Steffek (1834-?), for the area of Bihor-Oradea, Ferdinand Schur (1799-1878), Alexis von Pavai (1820-1874), Lajos Haynald (1816-1891), for the regions in Central Transylvania, Janos A. Heuffel (1800-1857), and W. Wolfner for the region of Banat. For the area of western Ukraine we find the name of Ernst Kloeber.

- in Eastern Europe, on the territories of Russia and Ukraine, we find the names of Christian von Steven (1781-1863), a Finnish botanist who travelled south in the European Russia, settled in Crimea where he founded the famous Botanical Gardens of Nikitski, and A. K. Becker (1818-1901), a German botanist who travelled along the Volga, describing many endemic species of the Russian flora. We can also mention here the names of Howitz (in Transcaucasia) and Cserniaew (Cerniaev).

- for the southern-eastern European area, including Greece and several locations in Asia Minor (Anatolia, in Turkey), we mention the name of Karl Georg Theodor Kotschy, an Austrian botanist and explorer who went on field trips to Greece, Cyprus and Asia Minor.

A considerable number of the identified collectors left also studies and notes, many of them on aspects of the flora areas where they obtained their samples, while others related to vegetal morphology or systems, or to the connections between plants and medicine or pharmacology (Bertoloni, 1838, 1858-1862; Buek, 1801, no date; Bayer, 1869; Cesati, 1881; Costa y Cuxart, 1864; Engler & Gilg, 1924; Fronius, 1857-1858; Griewank, 1856; Hausmann, 1851; Hazslinszky, 1866, 1868; Heuffel, 1858 a, b; Huet du Pavillon, 1853; Huguenin, 1851; Huter, Porta & Rigo, 1908; Le Jolis, 1860, 1874; Karsten, 1880-1883, 1886; Kloeber, no date; Kovats, 1844-1850; Janka, 1858; Parlato, 1838, 1843, 1845; Pirona, 1855; Porcius, 1878, 1885; Porta, 1912; Schur, 1866; Steffek, 1864; Steven, 1856-1857; Thielens, 1862; Timbal-Lagrave, 1854, 1860, 1861, 1872, 1875, 1879, 1886, Todaro, 1858, 1866; Willkomm, 1852, Wimmer, 1832, 1840). Some of them were authors or co-authors of guides, atlases, or botanical works that could have a local, regional or national character, enriching the specialized literature of that time (Cesati, Passerini, Gibelli, 1869-1886; Christener, 1863; Engler & Drude, 1896-1928; Karsten, 1895; Kotschy et al., 1845; Parlato & Caruel, 1848-1896; Schlosser & Farkas-Vukotinovic, 1869; Steven, 1822, Timbal-Lagrave & Bucquoy, 1881; Timbal-Lagrave, Gautier, Jeanbernat, 1879; Timbal-Lagrave & Jeanbernat, 1876; Timbal-Lagrave & Baillet, 1862, Timbal-Lagrave & Marcas, 1889; Willkomm, 1875, 1873, 1882; Wimmer & Grabowski, 1827-1829; Wimmer, 1866). Others

were referred to in articles, studies or monographs, reflecting the importance of their contribution (Baillet, 1889; Bojor et al., 1989; Bresciani, 1922; Cesati, 1881; Dalla Fior, 1950; Hermann, 1970; Lizoň, 1982); Schneider, 2008.

We present below other references (some of them also mentioned in the previous studies), related to the areas of the flora samples in this herbarium, respectively by authors whose works are considered to be important to complete the material we have here, out of which several were published in the 19th century (the time period when the herbarium was organized) or later, such as: Arcangeli, 1882; Arvet-Touvet, 1888; Arvet-Touvet & Gautier, 1908, 1910; Baillet & Timbal-Lagrave, 1861; Bienick, 1998; Boll, 1860; Ciocârlan, 2000; Coldea, 1990; Crăciun, 1962; Drude, 1887; Eggers, 1860; Engler & Prantl, 1887; Fiori, 1923-1929; Guenther, Grabowski, Wimmer, 1824; Halácsy, 1894; 1896, 1901-1904; Hallier, 1879; Hartman, 1820, 1852; Huber, Wallnofer, Wilhalm, 2012; Jeanbernat, 1873; Jeanbernat & Timbal-Lagrave, 1875; Nyarady, 1950, 1963; Pignatti, 1982; Prodan, 1924, 1948; Prodan & Buia, 1966; Resmeriță, 1975, 1979, 1981; Resmeriță & Rațiu, 1983; Rodet & Baillet, 1872; Simonkai, 1881; Steudel, 1821-1824; Steudel & Hochstetter, 1826; Thellung, 1912.

We can conclude that this study continues the presentation of the period collection of botanized samples contained in the Th. Schreiber Herbarium, namely of the bundles in Box I, numbered from 10 to 14, and from 21 to 29 respectively (see Chart 1-2), with details about the author's identity and the condition of the herbarium which basically remains the same as stated before. Our presentation includes species of the Kingdom Fungi, Phylum Ascomycota (Class Lecanoromycetes) and the Kingdom Plantae, Phylum Tracheophyta, Infraphylum „Moniliformopses” (Class Polypodiopsida), respectively, Infraphylum „Radiatopses” (Class Spermatopsida, Subclass Magnoliidae), representing a number of 441 species, belonging to 187 genera and 22 families.

Appendix 1. Data on the labels of the herbarium sheet regarding several missing species

Species	Taxonomy	Location, data and author
<i>Spiranthes autumnalis</i> Richb. – (n. 8233/fsc. 11, p. 17/b) Ref.: De Orchid. Eur. 37 1817. Syn.: <i>S. spiralis</i> (L.) Chevall.	Asparagales, Orchidaceae, Orchidoideae, Cranichideae, Spiranthinae, Spiranthes	– unidentified location (Pesonrsburg?), Aug. 23, 1857, leg. illegible
<i>Apera spica-venti</i> (L.) P. Beauv. – (n. 8233/fsc. 24, p. 1/b) Ref.: Agrost. 31 & 151 (1812); Syn.: <i>Agrostis spica-venti</i> L.	Poales, Poaceae, Pooideae, Poeae, Poinae, Apera	Austria, Vienna, July 27, 1855, leg. J. Juratzka
<i>Hierochloe alpina</i> (Sw.) Roem. & Schult. – (n. 8233/fsc. 22, p. 16.) Ref.: Syst. Veg. 2: 515 1817; Syn.: <i>Anthoxanthum monticola</i> (Bigelow) Veldkamp	Poales, Gramineae, Pooideae, Poeae, Hierochloe	Lappon, Tornens, Enontekis, 1857, leg. C. Hartman
<i>Festuca</i> sp. – (n. 8233/fsc. 24, p. 4/b)	Poales, Gramineae, Pooideae, Poeae, Festuca	– unidentified location, 1856, no signature - Ex Herbario J. C. Equitis Pittoni a Dannenfeldt
<i>Melilotus procumbens</i> Besser – (n. 8233/fsc. 27, p. 18/a) Ref.: Enum. Pl. 30. 1821; Syn.: <i>Trigonella procumbens</i> (Besser) Rchb.	Fabales, Leguminosae, Papilionoideae, Trifolieae, Melilotus	Romania, Arad, Semlac/Szemplak, no date, leg. Dr. Wolfner
<i>Laburnum alpinum</i> (Mill.) Bercht. & J. Presl – (n. 8233/fsc. 27, p. 1.) Ref.: Rostlinár 3: 99 (1835); Syn.: <i>Cytisus alpinus</i> Mill.	Fabales, Leguminosae, Papilionoideae, Cytiseae, Laburnum	No locality, no date, leg. Richter L.
<i>Primula villosa</i> Wulfen – (n. 8233/fsc. 12, p. 6/b) Ref.: Fl. Austr. 5: 41 (1778); Syn.: <i>P. commutata</i> Schott	Ericales, Primulaceae, Primuloideae, Primuleae, Primula	Austria, Stiria. Herberstein, Solo porphyric. May, leg. J. C. Eques de Pittoni a Dannenfeldt
<i>Soldanella alpina</i> L. – (n. 8233/fsc. 12, p. 12/e.) Ref.: Sp. Pl. ed. 1 144 (1753)	Ericales, Primulaceae, Primuloideae, Primuleae, Soldanella	Austria, Graz, no date, no signature (stamp on label: Botanischer Tauschverein in Wien)

Wulfenia carinthiaca Jacq. – (n. 8233/fsc. 27, p. 2/b) Ref.: Misc. Austr. Bot. 2: 60 (1781)	Lamiales, Plantaginaceae, Digitalidoideae, Veroniceae, Wulfenia	Austria, Carinthia, Kuhwegalpe im Galthale, Kalkbaden, July, comm. Eq. de Pittoni
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Appendix 2. Table botanical collectors identified from herbarium Schreiber - Part III

Full Name	Abbreviation	Alternative names	Dates	Countries, provinces, regions
Alioth, Fredrich Sigmund	Alioth	F.S. Alioth	1819-1878	France, Spain, Germany, Italy, Switzerland
Andorfer	Andorfer			Austria (Langenlois)
Bayer, Johann Nepomuk.	J. Bayer	Joh. N. Bayer.	1802-1870	Hungary, Romania
Becker, Alexander K.	A. K. Becker	A. K. Becker	1818-1901	Russia, Ukraine
Bertoloni, Antonio	A.Bertoloni.	Antonio Bertoloni	1775-1869	Italy
Bilimek , Dominik	Bilimek	Dominik Bilimek	1813-1884	Austria
Birnbacher, (Karl) Carl	Birnbacher	C. Birnbacher		Austria (Klagenfurt - Carinthia)
Boll, Jacob	Boll	J. Boll	1828-1880	Austria, Switzerland
Boll, Ernst Friedrich August	Boll	Ernst Boll	1817-1868	Germany
Bolla, Johann	Bolla	Johann Bolla; Ján Bolla	1806-1881	Slovakia
	Bontelou			Spain
B o u r g e a u , Eugène	Bourgeau; Bourg.	M. E. Bourgeau; E. Bourgeau	1813-1877	France, Italy, Spain
Braunstingel, Josef	Braunstingel	J. Braunstingel		Germany, Austria
Buek, Johannes Nicolaus	J. N. Buek	J o h a n n e s Nicolaus Buek	1736-1812	Germany
Campo, Pedro del	Del Campo	P. del Campo	1852?	Spain

Cesati, Vincenzo, Barone de	Cesati;			
Ces.	Vincenzo de Cesati	1806-1883	Italy	
Cerniaev	Cserniaew (Cerniaev)			Russia, Ukraine
	C.Seichtmge			
Costa y Cuxart, Antonio Cipriano	Costa	A. C. Costa y Cuxart	1817-1886	Spain
Christener, Christian	Christener	Christian Christener,	1810-1872	Switzerland
	Christ. Notar			Switzerland
Czetz, Anton (Antal)	Czetz	Anton Czetz, Antal Czetz	1801-1865	Hungary, Romania (Transylvania)
Delbos Joseph	J. Delbos	Joseph Delbos	1824-1882	France
	Eichenfets			Serbia
Engler, Adolf	Adolf Engler	H. G. A. Engler	1844 -1930	Germany
	Eusren			Czech Republic
Frauenfeld, Georg Ritter von	Frauenfeld	Georg von Frauenfeld	1807-1873	Austria, Croatia
Fronius, Franz Friedrich	Fronius	Franz Friedrich Fronius	1829-1886	Romania (Transylvania)
Fuchs, H.	H. Fuchs	H. Fuchs		
Grabmayr, A.	Grabmayer	A. Grabmayr		Austria, Italy
Graf, Rainer	Graf	Rainer Graf	1811-1872	
	Grantenfeld			Croatia
Griewank, Gustav	Griewank	G. Griewank	1828-1895	Germany
	Gubuska (?)			Romania (Maramureş)
Haynald, Cardinal Stefan Franz Ludwig (Lajos)	Haynald	Haynald, Lajos	1816-1891	Hungary, Italy, Romania (Banat – Transylvania)
Hartman, Carl	C. Hartman	Hartman, Carl	1824-1884	Norway, Sweden
Hazlinszky von Hazslin, Friedrich August	Hazlinszky; Hazsl.	F. A. Hazslinszky von Hazslin	1818-1896	Hungary, Slovakia

Hausmann , Franz von Baron	Hausm.	F, Hausmann	1810-1878	Austria, Italy
H. Haslinger	Hasliger			Austria
	Haun.			Italy (Tirol)
Hehsteiner, Fer.	Fer. Hehsteiner			
H e l d r e i c h , Theodor Heirich Herman von	Heldreich; Heldr.	Theodor Heldreich; T. H. H. Heldreich	1822-1902	Germany, Greece
Hepperger, C.V.	Hepperger	C. v. Hepperger		Austria
Heuffel, Johann	Heuffel; Heuff.	Ioan Heuffel, Janos A. Heuffel	1800-1857	Romania (Banat), Hungary, Austria
	Hillarof			
	Hofman			
	Howitsz			(Transcaucasia)
Huet de Pavillon, Alfred	Huet de Pavillon.	A. Huet de Pavillon.	1829-1907	France (Pyrenes)
Huet du Pavillon, Edouard	E. Huet	E. Huet du Pavillon	1819-1908	F r a n c e , Switzerland
Huter, Rupert	Huter	Rupert Huter	1834-1919	Austria, Italy (Ti- rol), Spain
Huguenin, Auguste	Huguenin	A. Huguenin	1780-1860	France (Savoie)
Janka, Victor von	Janka	Victor Janka	1837-1890	Austria, Hungary, Romania (Trans- sylvania)
Jermy, Gusztav	Jermy Gusztav	Jermy G.	1833-1900	Hungary
Le Jolis, Auguste Francois	Le Jolis	A. Fr. Le Jolis,	1823-1904	France, Belgium, Austria
Juratzka, Jakob (Jacob)	J. Juratzka	Jacob Juratzka	1821-1878	Austria, Hungary, Romania (Trans- sylvania)
Karsten, Her- mann	Kastren	G. K. W. Hermann Karsten	1817-1908	Germany
Karsten, Hermann	Kastren	G. K. W. H e r m a n n Karsten	1817-1908	Germany

Kloeber, Ernst	Kloeber	Ernst Kloeber		Poland, Ukraine (Galizia)
	Kolchbreuer			Hungary
	Kaldchenaes			
K o r n i c k e , Friedrich August	Kornicke Korn.	F. A. Kornicke	1828-1908	Germany
Kotschy, Karl Georg Theodor	Kotschy	K. G. T. Kotschy	1813-1866	Greece, Syria, Turkey (Anatolia)
Kovats von Szent-Lelek, Julius	J. v. Kovats	Gyula Kovats Julius Kovatss	1815-1873	Hungary, Austria
Knaf, Joseph (Josef) Friedrich	Dr. Knaf	Knaf J. F.	1801-1865	Czech Republic
Krzisch, Josef Friedrich	Dr. Krzisch.	J. F. Krzisch	1812-1875	Hungary, Romania (Transsylvania)
Lagger, Franz Josef	Dr. Lagger	F.-J. Lagger	1802-1870	Switzerland, France,
Lanz	Lanz		1868	Hungary
Lehmann, C.B.	Lehmann	C.B. Lehmann	1811-1875	Germany
Leithner, Joseph, Baron von	J. Leithner	Baron von Leithner	1809-?	Austria, Hungary
Makowsky, Ale- xander	Makowsky	A. Makowsky	1833-1908	Czech Republic (Moravia)
	Mane			
	Mihajasse			
Millardet, Pierre Marie Alexis	Millardet	P. M. A. Millardet	1838-1902	France
	Morandell.			Italy (Tirol)
Müller, Heinrich Ludwig Hermann	Müller			
H. Mull.	Hermann Müller	1829-1883	Germany	
O b e r l e i t n e r , Franz	Oberleitner	F. Oberleitner	1829-1897	Austria, Germany
Ortmann, Johan	Ortmann	Johan Ortmann		
Pavai, Alexis von	Pavai	Alexis von Pavai	1820-1874	Hungary, Romania (Transylvania, Aiud)
Parlatore, Filippo	Parlatore	F. Parlatore	1816-1877	

Italy, France				
	Pidaus			
Pirona, Giulio Andrea	Pirona	G. A. Pirona	1822-1895	Italy
Pittoni, Joseph Claudium	J. C. Equs a Pittoni.	Josef Claudius Equitis Pittoni a Dannenfeldt	1797-1878	Austria
	Pivoll			Italy
	Pommerot			France
	Pomaret			France
	L. Pony			
Porcius, Florian	Porcius Porcoli	F. Porcius Por- coli	1816-1906	R o m a n i a , (Transylvania)
Porta, Pietro	Porta	Pietro Porta	1832-1923	Italy
	Preuer			Croatia (Istria)
Rasten, Nicomed Baron	N i c o m e d Rastern	Baron Nicomed Rastern		Germany (Bran- denburg)
Rekes T.	Rekes T.			Romania (Trans- sylvania)
Rheinfoseus, Jinnah	Rheinfoseus	J i n n a h Rheinfoseus		
Richter, Ludwig (Lajos)	Richter L.	Ludwig Richter Richter Lajos	1844-1917	Hungary, Slovakia, Switzerland, Russia, Romania
Rauscher, Robert	Rauscher	R. Rauscher	1806-1890	N. Austria
Rechsteiner, F.C.	Rechsteiner		1839	Switzerland
Roemer, Carl	Roemer	Roemer C.	1818-1891	Germany
S i e g m u n d , Wilhelm	W i l h e l m Siegmond	W. Siegmund	1821-1897	Czech Republic, Germany
Schlosser von Klekovski, Joseph Calasenz	J o s e p h C a l a s e n z S c h l o s s e r (Schloss.)	J. C. Schlosser [Ritter von Klekowski]	1808-1882	Croatia, Austria, Czech Republic
S c h n e l l e r ,Wilhelm August	Schneller	Wilhelm August Schneller	1807-1886	Czech Republic, Slovakia, Serbia (Voivodina)
	Schniler			
Schramm, Otto Christoph	Schramm	O. C. Schramm	1791-1863	Germany

Simony, F.	F. Simony		1813-1896	Austria
Slakorosky, Al.	Al.Slakorosky			Czech Republic (Boemia)
Schur, Pfilipp J o h a n n Ferdinand	Schur	F e r d i n a n d Schur	1799-1878	Austria, Germany, Romania (Trans- sylvania)
	Sebato			
Sonder, Otto Wilhelm	W. Sonder Sond.	O. W. Sonder	1812-1881	Austria, France, Germany, Italy, Norway
Seckera, Wenzel Johann	Sekena	W. J. Sekena	? - 1875	Czech Republic (Bohemia)
Steffek, Adolf	Adolf Steffek	Adolf Steffek	1834-?	Hungary, Romania (Transsylvania)
Steven, Christian von	Steven	Christian von Steven	1781-1863	Russia, Ukraine (Crimea)
Thielens, Armand	Thielens	A r m a n d Thielens	1833-1878	Belgium
Timbal-Lagrave, Pierre Marguerite Édouard	Timbal-Lagrave Timb.- Lagr.	É d o u a r d Timbal-Lagrave	1819-1888	France
Todaro, Agostino	Todaro Tod.	A g o s t i n o Todaro	1818-1892	Italy
T o m m a s i n i , Muzio Giuseppe Spirito de'	M. Tommasini (Tomm.)	Mutius von Tommasini	1794-1879	Italy, Croatia, B o s n i a -Herzegovina
	Vate			
	Vivlles			France
Vukotinovic, Liudjevit Farkas	Lud. Farkas- Vukotinovic Vuk.	Liudjevit Farkas Vukotinovic	1813-1893	Croatia
	Wiclardt			Italy
W i l l k o m m , Heinrich Moritz	Willkomm Willk.	Heinrich Moritz Willkomm	1821-1895	Germany, Spain
W i m m e r , C h r i s t i a n Friedrich Heinrich	Wimmer Wimm.	C. F. H. Wimmer	1803-1868	Germany (Silesia)
Wolff, Julius (Gyula)	Wolff	J. Wolff		

G. Wolff.	1844-1921	H u n g a - ry, Romania (Transsylvania)		
Wolfner, Wilhelm	Dr. Wolfner	Wolfner	- 1858?	Austria, Romania (Arad)
Z o l l i n g e r , Heinrich	Zollinger	H e i n r i c h Zollinger	1818-1859	Switzerland

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