

Material of type character in the Münch-Bellinghausen collection in the Moravian Museum, Brno (BRNM).**1. Wilibald Swibert Joseph Gottlieb Besser**KAREL SUTORÝ¹ & IRINA O. BUZUNOVA²¹*Moravian Museum, Department of Botany, Hviezdoslavova 29a, 627 00 Brno, Czech Republic;
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SUTORÝ K. & BUZUNOVA I. O. 2000: Material of type character in the Münch-Bellinghausen collection in the Moravian Museum, (BRNM). 1. Wilibald Swibert Joseph Gottlieb Besser. *Acta Musei Moraviae, Scientiae biologicae* (Brno) 85: 365–379. – Sixty five of Besser's specimens (higher plants) of type character deposited in the Moravian Museum in Brno (BRNM) are listed.

Key words: Wilibald Swibert Joseph Gottlieb Besser, Tracheophyta, collection, Moravian Museum

Introduction

The Münch-Bellinghausen collection contains a number of specimens of type character collected by various botanists in the first decades of the nineteenth century (SUTORÝ 1986).

There are many specimens in the collection contributed by Besser. Particular attention should be paid to 65 specimens of plants described by him (or by Andrzejowski – five names). Two of them (*Allium flavum* var. *tauricum* BESSER ex REICHENB., *Anemone pratensis* var. *minor* BESSER) are varieties, while the others are at species level. Eight specimens (*Asperula humifusa* (BIEB.) BESSER, *Caragana mollis* (BIEB.) BESSER, *Cerefolium trichospermum* (SCHULT.) BESSER, *Ostericum palustre* (BESSER) BESSER, *Polygala vaillantii* (BESSER) BESSER, *Schiwerekia podolica* (BESSER) ANDRZ. ex DC., *Serratula nitida* (WALDST. & KIT.) BESSER, *Serratula radiata* (WALDST. & KIT.) BESSER) represent only Besser's taxonomic conception of his own proposed nomenclatural combinations. Five names (*Alyssum petraeum* BESSER, *Aster amelloides* BESSER, *Asperula apparine* BESSER, *Myosotis montana* BESSER, *Rosa ratomsciana* BESSER) were published as illegitimate homonyms. Eight names (*Anemone wolfgangiana* BESSER ex RCHB., *Centaurea salicifolia* BESSER ex NYMAN, *Draba intermedia* ANDRZ. ex DC., *Farsetia linifolia* ANDRZ. ex DC., *Genista marginata* BESSER ex LEDEB., *Koeleria gigantea* BESSER ex LEDEB., *Peplis borysthenica* BIEB. ex BESSER, *Syrenia biebersteinii* ANDRZ. ex DC.) are *nomina nuda*. *Veronica orchidea* BESSER exists only in schedis.

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The labels are rectangular, around 5×6 cm, and some of them have printed decoration round the margin. The hand-written text is completed by the printed name of W. Besser (see photographs in SUTORÝ 1986). Only one specimen does not bear the original text (*Peplis borysthenica* BIEB. ex BESSER).

This work should contribute to a better knowledge of Besser's material.

The duplicate specimens were checked against the herbaria KW, LE (partly BP). One specimen was selected by the latter author as a lectotypus (*Rosa jundzillii* BESSER).

If current literature accepts the cited name as synonymous, the valid name is given in brackets .

Wilibald Swibert Joseph Gottlieb Besser (7. 7. 1784 – 11. 10. 1842)

After his studies in Lvov and Krakow, he spent the years 1809–1834 in Kremeneč, 1834–1838 in Kiev, then in 1841 he came back to Kremeneč. Predominant among his studies was the flora of the contemporary west Ukraine, and he published 43 papers. His main herbarium (about 52,000 sheets) is preserved in Kiev – KW (Ukraine) but he sent many of his specimens, now deposited in various European herbaria, to various botanists. (BARBARYCH 1960, ZAVERUKHA 1984).

Full citations of the listed Besser contributions

- BESSER W. 1809: Primitiae Florae Galiciae austriacae utriusque. Vienna. Pars 1, pp. 1–399; pars 2, pp. 1–423.
BESSER W. 1811: Catalogue des plantes du Jardin botanique du Gymnase de Volhynie (Krzemieniec. Krzemieniec, 117 pp.
BESSER W. 1812: Supplement au catalogue des plantes du Jardin botanique du Gymnase de Volhynie (Krzemieniec. Krzemieniec, 37 pp.
BESSER W. 1814: Supplementum II ad Catalogum plantarum in Horto botanico Gymnasii Volhyniensis Cremeneci cultarum anno 1813. Cremenec, 18 pp.
BESSER W. 1814: Supplementum III ad Catalogum plantarum in Horto botanico Gymnasii Volhyniensis Cremeneci cultarum anno 1814. Cremenec, 32 pp.
BESSER W. 1814: Supplementum IV ad Catalogum plantarum in Horto botanico Gymnasii Volhyniensis Cremeneci cultarum anno 1815. Cremenec, 30 pp.
BESSER W. 1816: Catalogus plantarum in Horto botanico Gymnasii Volhyniensis Cremeneci cultarum. Cremenec, 161 pp.
BESSER W. 1822: Enumeratio plantarum hucusque in Volhynia, Podolia, gub. Kioviensi, Bessarabia cis-tyraica et circa Odessam collectarum, simul cum observationibus in primitias florum Galiciae austriacae. Vilnae, 111 pp.

List of specimens

Allium albidum FISCH. ex BIEB. 1819, Fl. Taur.-Cauc. 3 : 260. – *Allium albidum* FISCH. 1812, Cat. Gorenk.: 10, nom. nudum; – *A. albidum* FISCH. ex BESSER 1822, Enum. Pl. Volhyn.: 55. – *A. angulosum* BIEB. non L.: 1808, Fl. Taur.-Cauc. 1 : 265.
Geographical data from the protologue: “*Occurit in Caucasi subalpini saxosis* (BIEB. 1808, l.c.: 265).

Text of the label: *Allium albidum* Fisch.
A. angulosum MB.
e *Podolia*

Acquired 1824, 1 ex.

Duplicates: KW?, LE lectotypus.

Fischer originally sent the material from the Botanical Garden in Gorenki (near Moscow) to Besser and Bieberstein. The choice of lectotypus was made from Bieberstein's Caucasus material, not from material originating in Gorenki.

***Allium flavum* L. var. *tauricum* BESSER ex REICHENB.** 1828, Iconogr. Bot. Pl. Crit., cent. 6, p. 9, tab. 570, fig. 776 [= *A. paczoskianum* TUZSON].

Geographical data from the protologue: “*Hist. 776 ad vivum e semine Besseriano.*”

Text of the label: *Allium flavum tauricum*
A. flavum MB.
e *Podolia austr.*

Acquired 1820, 2 ex.

Duplicates: LE.

***Allium volhynicum* BESSER** 1814, Cat. Pl. Horti Cremen. Suppl. 3: 2; id. 1822, Enum. Pl. Volhyn.: 14 [= *A. strictum* SCHRAD.].

Geographical data from the protologue: “*In saxosis apricis.*” [BESSER 1822 – “*in saxosis apricis Cremeneci.*”]

Text of the label: *Allium volhynicum* Bess.
circa Krzemeniec

Acquired 1821, 1 ex.

Duplicates: LE.

***Alyssum petraeum* ANDRZ. ex DC.** 1821, Reg. Veg. Syst. Nat. 2: 302, nom. illeg. non ARD. 1763, Animadv. Bot. Spec. Alt.: 30.

Geographical data from the protologue: “*...in Podolia (Andrz[ejowski].)*”

Text of the label: *Alyssum petraeum mihi*
A. gemonense Prim. Fl. Gal.
A. saxatile Besser Cat. H. Kr. 1816
in Podolia muris et rupibus

Acquired 1821, 2 ex.

***Amygdalus campestris* BESSER** 1822, Enum. Pl. Volhyn.: 46, 58 [= *Prunus nana* STOKES].

Geographical data from the protologue: “*...copiosum prope Iszkowce in distr. Cremenec. vidit Hortul.*”

Text of the label: *A. besseriana* Schott.
A. campestris Bess.
e *Volhynia*

Acquired 1821, 1 ex.

Duplicates: KW.

***Anchusa procera* BESSER ex LINK** 1821, Enum. Pl. Hort. Berol. 1: 166; BESSER 1822, Enum. Pl. Volhyn.: 8.

Geographical data from the protologue: “*Besser. Hort. Krzemin.*”

Text of the label: *Anchusa procera Besser*

In Podolia

Acquired 1821, 1 ex.

Duplicates: KW.

***Anemone pratensis* L. var. *minor* BESSER** 1809, Prim. Fl. Galic. 1: 349.

Geographical data from the protologue: “*Copiose in collibus apricis supra Podgorze et extra Rybaki.*”

Text of the label: *Anemone pratensis minor Prim Fl. Gal.*

A. intermedia Schult.

E Lithuania

Acquired 1827, 2 ex.

***Anemone wolfgangiana* BESSER ex REICHENB.** 1826, Iconogr. Bot. Pl. Crit., cent. 4, p. 41, tab. 351, fig. 542, nom illeg. non BIEB. 1808, Fl. Taur. Cauc. 1: 102.

Geographical data from the protologue: “*In Lithuania prope Vilnas. Besser.*”

Text of the label: *Anemone wolfgangiana mihi*

E Lithuania

Acquired 1826, 2 ex.

Duplicates: KW, LE.

***Asperula apparine* BESSER** 1809, Prim. Fl. Galic. 1: 114, nom. illeg. non BIEB. 1808, Fl. Taur.-Cauc. 1: 105.

Geographical data from the protologue: (Besser) “*Circa Zaleszczyki*”, (Bieb.) “*Locis uliginosis inter densam herbam luxuriat*” [sine indic. loc. class.].

Text of the label: *Asperula apparine Schott. Bess. MB*

ubique in humidis

Acquired 1821, 2 ex.

***Asperula humifusa* (BIEB.) BESSER** 1811, Cat. Pl. Jard. Krzem.: 18. – BIEB. 1819, Fl. Taur.-Cauc. 3, Suppl.: 105. – *Galium humifusum* BIEB. 1808, Fl. Taur.-Cauc. 1: 104.

Geographical data from the protologue: “*Hab. frequens in Caucasi et Tauriae viis locisque sterilibus apricis, etiam ad Wolgam inferiorem.*”

Text of the label: *Asperula humifusa Besser et MB. Suppl.*

in Podolia australi

Acquired 1821, 2 ex.

Duplicates: KW.

***Asperula tyraica* BESSER** 1822, Enum. Pl. Volhyn.: 41 [= *Galium volhynicum* POBED.].

Geographical data from the protologue: “*Ad Tyram. A[ndrzejowski].*”

Text of the label: *Asperula tyraica mihi*

E Podol. austr

Acquired 1827, 1 ex. + fragment.

Duplicates: KW, LE.

***Aster amelloides* BESSER** 1822, Enum. Pl. Volhyn.: 33, nom. illeg. non HOFFM. 1800,

Goett. Gel. Anz. 20: 1325.

Geographical data from the protologue: “*In Volhyniae et Podoliae elatis. A[ndrzejowski].*”

Text of the label: *Aster amelloides Nobis*

ubique

Acquired 1821, 1 ex.

Duplicates: KW, LE.

***Astragalus odessanus* BESSER** 1822, Enum. Pl. Volhyn.: 30 [= *A. cornutus* PALL.].

Geographical data from the protologue: “*...prope Odessam legi A. 1816 quam hoc anno Andrz.[ejowski] in Podol[ia] australi detexit.*”

Text of the label: *Astragalus odessanus Bess.*

A. vimineus MB Suppl.

in Pod. austr et circa Odessam

Acquired 1821, 1 ex.

Note in Enum. Pl. Volhyn. 74: “*A. odessanus est vimineus MB Suppl. p. 489.*”

Duplicates: KW, LE.

***Caragana mollis* (BIEB.) BESSER** 1822, Enum. Pl. Volhyn.: 29. – *Robinia mollis* BIEB. 1819, Fl. Taur.-Cauc. 3: 477.

Geographical data from the protologue: “*...in promontorio Caucasi septentrionali passim, frequentior in Bessarabia, inter Elisabethgrad et Odessam, nec non in Polonia australiore.*”

Text of the label: *Caragana mollis Bess*

Robinia mollis MB

in Podolia ad Gaorlik et Tyram

Acquired 1821, 2 ex.

Duplicates: KW.

***Centaurea salicifolia* BESSER ex NYMAN**, 1878, Consp. 1: 422, in syn. ad *C. austriaca*, nom. nudum [= *C. austriaca* WILLD.].

Text of the label: *Centaurea salicifolia W.M.B.*

circa Odessam

Acquired 1821, 1 ex.

Duplicates: KW.

***Centaurea stereophylla* BESSER** 1822, Enum. Pl. Volhyn.: 35.

Geographical data from the protologue: “*In Podolia australi A[ndrzejowski].*”

Text of the label: *Centaurea stereophylla* Bess.

in Podolia australi

Acquired 1821, 1 ex.

Duplicates: There is a Lawrenko label in KW, in which he notes that two sheets of this species were taken to Charkov in 1924.

***Cerefolium trichospermum* (SCHULTES) BESSER** 1822, Enum. Pl. Volhyn.: 44. [BESSER 1822: 44 – “*Cerefolium trichospermum* Schult. *Oestr. Fl. I. Th. p.504. sub Chaerophyllo.*” The second edition of Schultes’s work is mentioned, 1814.]

Text of the label: *Cerefolium trichospermum* Bess.

Asarophyllum trichospermum Schult.

Podolia

Acquired 1821, 2 ex.

***Clematis lathyrifolia* BESSER ex REICHENB.** 1832, Fl. Germ. Excurs.: 734.

Geographical data from the protologue: sine indic. loc. class.

Text of the label: *Clamatis lathyrifolia mihi*

cult. Cremen

Acquired 1826, 1 ex.

Duplicates: KW, LE.

***Dentaria hypanica* BESSER ex DC.** 1821, Reg. Veg. Syst. Nat. 2: 278; BESSER 1822, Enum. Pl. Volhyn.: 27.

Geographical data from the protologue: “*Hab. in Bessarabia et Podolia ad ripas fluminis Hypanis nunc Bug dicti. Besser.*”

Text of the label: *Dentaria hypanica* Bess.

e Podolia australi

Acquired 1821, 2 ex.

***Draba intermedia* ANDRZ. ex DC.** 1821, Reg. Veg. Syst. Nat. 2: 351, in syn. ad *Draba lutea* β *longipes*, nom. nudum [= *D. nemorosa* L.].

Text of the label: *Draba intermedia* Mihi

ubique

Acquired 1821, 1 ex.

***Erigeron podolicum* BESSER** 1822, Enum. Pl. Volhyn.: 76, 33.

Geographical data from the protologue: “*In Podolia australi A.[ndrzejowski].*”

Text of the label: *Erigeron podolicum* mihi

E Podol. austr.

Acquired 1826, 1 ex.

Duplicates: KW.

***Erysimum andrzejowskianum* BESSER ex DC.** 1821, Reg. Veg. Syst. Nat. 2: 502; BESSER 1822, Enum. Pl. Volhyn.: 27 [lapsus: “*andrzejoskianum*” in DC] [= *E. canescens* ROTH.]. Geographical data from the protologue: “*Hab. in Tauriae et Caucasi campis apricis siccis (Bieb.)*.”

Text of the label: *Erysimum andrzejowskianum* Bess.

Podolia australi

Acquired 1821, 2 ex.

Duplicates: KW.

***Erysimum exaltatum* ANDRZ. in BESSER** 1822, Enum. Pl. Volhyn.: 71, 83.

Geographical data from the protologue: “*In Pod[olia] austr[ali] A[ndrzejowski]*.”

Text of the label: *Erysimum exaltatum* Mihi

In Podolia australi

Acquired 1821, 2 ex.

Duplicates: KW.

***Euphorbia tristis* BIEB. ex BESSER** 1816, Cat. Pl. Horti Cremen.: 56.

Geographical data from the protologue: “*in Horto botanico gymnasii Volhyniensis Cremeneci cultarum*.”

Text of the label: *Euphorbia tristis* MB Bess

in Podolia

Acquired 1821, 2 ex.

Duplicates: KW lectotypus.

***Farsetia linifolia* ANDRZ. ex DC.** 1821, Reg. Veg. Syst. Nat. 2: 325, in syn. ad *Meniocus linifolius*, nom. nudum [= *Meniocus linifolius* (STEPH.) DC.].

Text of the label: *Farsetia linifolia* Mihi

Alyssum linifolium Steph

Podolia australi

Acquired 1821, 1 ex.

***Ferula sylvatica* BESSER** 1822, Enum. Pl. Volhyn.: 44.

Geographical data from the protologue: “*In pratis sylvaticis Volhyniae et Podoliae*.”

Text of the label: *Ferula sylvatica* Bess. Cat. semin1820

Peucedanum officinale Primi.

Fer. nodiflora Rochel Pl, sic...

in Volhynia

Acquired 1821, 1 ex.

Duplicates: KW, LE.

***Genista marginata* BESSER ex LEDEB.** 1842, Fl. Ross. 1: 517, in syn. ad *Genista tinctoria*, nom. nudum [= *G. tinctoria* L. var. *latifolia* LEDEB.].

Text of the label: *Genista marginata mihi*
E Pod.[olia] austr.

Acquired 1824, 1 ex.

Duplicates: KW, LE, BP.

***Genista tetragona* BESSER** 1822, Enum. Pl. Volhyn.: 73.

Geographical data from the protologue: "...ad Týram a Jaorlik ad Raszkow spatio 7 milliarium frequens. A[ndrzejowski]."

Text of the label: *Genista tetragona* Bess.
Podolia australi

Acquired 1821, 1 ex.

Duplicates: KW.

***Hieracium bauhinii* SCHULT. ex BESSER** 1809, Prim. Fl. Galic.: 149.

Geographical data from the protologue: "*Leopoli in argillaceo et calcareo solo ad viam versus Winniki.*"

Text of the label: *Hieracium bauhinii* Bess.
e Volhynia

Acquired 1821, 1 ex.

Duplicates: KW, LE.

***Koeleria gigantea* BESSER ex LEDEB.** 1853, Fl. Ross. 4: 401, in syn. ad *Koeleria cristata*, nom. nudum [= *K. cristata* (L.) PERS.].

Text of the label: *Koeleria gigantea mihi*
E sabulosis Lithuaniae

Acquired 1824, 1 ex.

Duplicates: KW, BP (*G. grandis* BESSER).

***Linaria biebersteinii* BESSER** 1822, Enum. Pl. Volhyn.: 25.

Geographical data from the protologue: "*Anno 1816 legi formosam hanc speciem in littoribus elatis maris nigri Odessae.*"

Text of the label: *Linaria biebersteinii* Bess.
L. vulgaris Fl.T.C.
e Podolia australi

Acquired 1821, 1 ex.

Duplicates: KW without locality, LE.

***Myosotis montana* BESSER** 1809, Prim. Fl. Galic. 1: 142; id. 1822, Enum. Pl. Volhyn.: 8, nom. illeg. non CHAIX in VILL. 1786, Hist. Pl. Dauph. 1: 354.

Geographical data from the protologue: "*Circa Zaleszczyki DF. Prope Krynicam. In valle Oycow copiosissima. Circa Duklam. E.C.*"

Text of the label: *Myosotis montana* Bess.
e Volhynia

Acquired 1821, 1 ex.

***Onobrychis gracilis* BESSER** 1822, Enum. Pl. Volhyn.: 74, 29.

Geographical data from the protologue: “*In Pod[olia] Austr[ali] A[ndrzejowski]*.”

Text of the label: *Onobrychis gracilis mihi*

Podol. austr.

Acquired 1826, 1 ex.

Duplicates: KW, LE.

***Ornithogalum erubescens* BESSER** 1822, Enum. Pl. Volhyn.: 45 [= *Gagea erubescens* (BESSER) SCHULT. & SCHULT. fil.].

Geographical data from the protologue: “*In Podolia australi A[ndrzejowski]*.”

Text of the label: *Ornithogalum erubescens Bess.*

e Podolia australi

Acquired 1821, 1 ex.

Duplicates: KW lectotypus, LE.

***Ornithogalum podolicum* BESSER ex SCHULT. & SCHULT. fil.** 1829, Syst. Veg. 7, 1: 545, nom. illeg. in synonymis generis *Gagea* [= *Gagea podolica* SCHULT. & SCHULT. fil.].

Geographical data from the protologue: “*In Podolia*”.

Text of the label: *Ornithogalum podolicum Bess.*

e Podolia australi

Acquired 1821, 1 ex.

Duplicates: KW lectotypus.

***Ostericum palustre* (BESSER) BESSER** 1822, Enum. Pl. Volhyn.: 94. – *Imperatoria palustris* BESSER 1809, Prim. Fl. Galic. 1: 214, No 352.

Geographical data from the protologue: “*Leopoli in pratis uliginosis prope Bogdanowka rara; ad ortum autem septentrionalem stagni Janowiensis versus stawki in paludosis frequens.*”

Text of the label: *Ostericum palustre Bess.*

O. pratense Hoffm.

Angelica pratensis MB Cat. VI

Imperatoria palustris Bess. Prim.

in Podolia et Volhynia humidis

Acquired 1828, 2 ex.

Duplicates: KW.

***Peplis borysthena* Bieb. ex BESSER** 1822, Enum. Pl. Volhyn.: 81, nom. nudum.

Text of the label (not original): “*von Besser, der diese Pflanze von MB selbst erhielt*”.

Acquired 1826, 1 ex.

Duplicates: KW, LE.

Polygala decipiens BESSER 1822, Enum. Pl. Volhyn.: 73.

Geographical data from the protologue: “*In pratis humidis, versus pontem regium Cremeneci et in Lithuania.*”

Text of the label: *Polygala decipiens Mihi*
E humid. Volh. & Lithuan.

Acquired 1826, 2 ex.

Duplicates: KW lectotypus, LE.

Polygala vaillantii (BESSER) BESSER 1822, Enum. Pl. Volhyn.: 73. – *P. vulgaris* var. [ß]

BESSER 1809, Prim. Fl. Galic. 2: 104.

Geographical data from the protologue: sine indic. loc. class.

Text of the label: *Polygala vaillantii mihi*
E sylvat. Volhyn

Acquired 1826, 1 ex.

Duplicates: KW, LE.

Pulmonaria azurea BESSER 1809, Prim. Fl. Galic. 1: 150; id. 1822, Enum. Pl. Volhyn.: 9 [= *P. angustifolia* L.].

Geographical data from the protologue: “*Hab. in scopolia vallis Oycow.*”

Text of the label: *Pulmonaria azurea Bess.*
P. angustifoliata Schrad.
e Volhynia

Acquired 1821, 2 ex.

Ranunculus stevenii ANDRZ. ex BESSER 1814, Cat. Pl. Horti Cremen. Suppl. 3: 19; id. 1822, Enum. Pl. Volhyn.: 22 [= *R. acris* ssp. *strigosum* (SCHUR) HYLANDER].

Geographical data from the protologue: “*in Horto botanico gymnasii Volhyniensis Cremeneci cultarum. (Besser 1822 – “In pratis V[olhyniae]. et P[odoliae]. A[ndrzejowski].”)*

Text of the label: *Ranunculus steveni*
Andrzej. Sup. III ad Cat. H. Cr. pag. 18. 1814
Volhynia et Podolia

Acquired 1821, 1 ex. divided into two parts.

Duplicates: KW, LE.

Raphanistrum maritimum BESSER 1822, Enum. Pl. Volhyn.: 70, 82, nom. nudum.

Text of the label: *Raphanistrum maritimum Mihi*
Ad Pontum Euxinum.

Acquired 1821, 1 ex. + fragment.

Rosa boreykiana BESSER 1822, Enum. Pl. Volhyn.: 65 [= *R. alba* L.].

Geographical data from the protologue: “*E Podolia australi. A[ndrzejowski].*”

Text of the label: *Rosa boreykiana* Bess.
Cat. sem. 1820
in Podolia, Ucraina [?]

Acquired 1821, 1 ex.

Duplicates: BP, LE lectotypus.

***Rosa caryophyllacea* BESSER** 1815, Cat. Pl. Horti Cremen. Suppl. 4: 18; id. 1822, Enum. Pl. Volhyn.: 19, 68.

Geographical data from the protologue: “*E frutetis elatis Cremenecii.*”

Text of the label: *Rosa caryophyllacea mihi*
Ex Kmet Volhyn

Acquired 1826, 1 ex.

Duplicates: LE.

***Rosa friedlaenderiana* BESSER** 1822, Enum. Pl. Volhyn.: 63.

Geographical data from the protologue: “...in horto e seminibus caucasicis colimus.”

Text of the label: *Rosa friedlaenderiana mihi*
R. alba
E Podolia

Acquired 1826, 1 ex.

Duplicates: KW.

***Rosa gorenkensis* BESSER** 1822, Enum. Pl. Volhyn.: 60.

Geographical data from the protologue: “*ex Horto botanico Gorenki.*”

Text of the label: *Rosa gorenkensis mihi*
fr. obovati penduli
Prope Gorenki Culta Cremen.

Acquired 1826, 1 ex.

Duplicates: KW lectotypus.

***Rosa jundzillii* BESSER** 1816, Cat. Pl. Horti Cremen.: 117. – *R. glandulosa* BESSER 1814, Cat. Pl. Horti Cremen. Suppl. 3: 20, non BELL. 1790, Mem. Acad. Turin, 1790–1791: 230. Lectotypus. (Designated here by I. O. Buzunova).

Geographical data from the protologue: “...*prope Luck lecta.*”

Text of the label: *Rosa jundzilliana mihi*
E Volhynia

Acquired 1826, 1 ex.

Duplicates: KW, LE.

***Rosa kosinsciana* BESSER** 1822, Enum. Pl. Volhyn.: 64 [= *R. andegavensis* BAST.].

Geographical data from the protologue: “*E Podolia ad Tyram.*”

Text of the label: *Rosa kosinsciana* Bess.
Cat. sem 1820
e Podolia

Acquired 1821, 1 ex.
Duplicates: LE lectotypus, KW.

Rosa microcarpa BESSER 1815, Cat. Pl. Horti Cremen. Suppl. 4: 20, nom. illeg. non RETZ. in HOFFMANN'S. 1803, Phytog. Blaetter, 1: 40.; id. 1822, Enum. Pl. Volhyn.: 18, 62 [= *R. pimpinellifolia* L.].

Geographical data from the protologue: "*Supra saxis Cremenecii.*"

Text of the label: *Rosa microcarpa* Bess.

Cat. H.Kr; sup. IV

circa Krzemieniec

Acquired 1821, 1 ex.
Duplicates: LE.

Rosa ratomsciana BESSER 1822, Enum. Pl. Volhyn.: 65. – *R. humilis* BESSER 1815, Cat. Pl. Horti Cremen. Suppl. 4: 19, non MARSH. 1785., Arbust. Am.: 136.

Geographical data from the protologue: "*E Podolia A[ndrzejowski]. Ad ripas abruptas Tyrans prope Zaleszczyki.*"

Text of the label: *Rosa ratomsciana* Bess.

Cat. sem 1820

R. humilis Bess.

Cat H Kr. sup. III.

in Podolia

Acquired 1821, 1 ex.
Duplicates: KW, LE.

Rosa terebinthinacea BESSER 1822, Enum. Pl. Volhyn.: 21, 66.

Geographical data from the protologue: "*In ripis abruptis Tyrans prope Zaleszczyki.*"

Text of the label: *Rosa terebinthinacea* mihi

E Podol. ad Tyrans

Acquired 1826, 1 ex.
Duplicates: KW, BP, LE.

Rosa uncinella BESSER 1815, Cat. Pl. Horti Cremen. Suppl. 4: 21; id. 1822, Enum. Pl. Volhyn.: 20, 63.

Geographical data from the protologue: "*E Podolia A[ndrzejowski]. Ad ripas abruptas Tyrans prope Zaleszczyki.*"

Text of the label: *Rosa uncinella* Bess.

Cat. H. Kr. Sup. III

in Podolia

Acquired 1821, 1 ex.
Duplicates: LE lectotypus, BP.

***Salvia cremencensis* BESSER** 1822, Enum. Pl. Volhyn.: 40.

Geographical data from the protologue: “*Cremen[ec]*.”

Text of the label: *Salvia cremencensis mihi*
in elatis apricis

Acquired 1826, 1 ex.

Duplicates: KW.

***Schiwreckia podolica* (BESSER) ANDRZ. ex DC.** 1821, Reg. Veg. Syst. Nat. 2: 300. –

Alyssum podolicum BESSER 1816, Cat. Pl. Horti Cremen.: 8. – *Moenchia podolica*

(BESSER) BESSER 1822, Enum. Pl. Volhyn.: 26.

Geographical data from the protologue: sine indic. loc. class., Podolia? after the name?

Text of the label: *Schiwreckia podolica mihi*

Acquired 1821, 2 ex.

Duplicates: KW.

***Scutellaria verna* BESSER** 1809, Prim. Fl. Galic. 2: 43.

Geographical data from the protologue: “*In monte ad fluvium Dniester sito prope Zaleszczyki.*”

Text of the label: *Scutellaria lupulina L.*
S. verna Bess. Prim. Fl. G.
in Podolia occidentali

Acquired 1821, 1 ex.

Duplicates: KW, LE.

***Selinum podolicum* BESSER** 1809, Prim. Fl. Galic. 2: 392.

Geographical data from the protologue: “*Circa Zaleszczyki et copiosius adhuc circa Kamieniec Podolski in Podolia rossica legit DF.*”

Text of the label: *Oreoselinum podolicum Hoffm.*
Selinum podolicum Bess. Prim,
e l. n. /?/

Acquired 1821, 1 ex.

***Serratula nitida* (WALDST. & KIT) BESSER** 1822, Enum. Pl. Volhyn.: 32. – *Carduus nitidus* WALDST. & KIT 1801, Descr. Icon. Pl. Rar. Hung. 1: 52, tab. 52.

Geographical data from the protologue: “*Crescit in montibus calcareis ad Palotam Comitatus Veszprimiensis, et ad Inotam locis lapidosis.*”

Text of the label: *Serratula nitida Bess.*
Carduus nitidus W. et K.
in tota Podolia

Acquired 1821, 1 ex.

***Serratula radiata* (WALDST. & KIT.) BESSER** 1822, Enum. Pl. Volhyn.: 32. – *Carduus radiatus* WALDST. & KIT 1800, Descr. Icon. Pl. Rar. Hung. 1: 9, tab. 11.

Text of the label: *Serratula radiata* Bess.
Carduus centauroioides MB. l.c.
in Podolia australi

Acquired 1821, 1 ex.

Duplicates: KW.

***Spiraea pikoviensis* BESSER** 1822, Enum. Pl. Volhyn.: 46.

Geographical data from the protologue: “*Circa Pikow in Pod[olia] legi A.[ndrzejowski] 1816.*”

Text of the label: *Spirea pičoviensis* Mihi
E Pikovo Pod. austr.

Acquired 1826, 1 ex.

Duplicates: BP, LE.

***Stellaria elodes* BIEB. ex BESSER** 1822, Enum. Pl. Volhyn.: 81, nom. nudum.

Text of the label: *Stellaria elodes* M.B. in lit.
In humidis Cremen[censis]

Acquired 1826, 1 ex.

Duplicates: KW.

***Syrenia biebersteinii* ANDRZ. ex DC.** 1821, Reg. Veg. Syst. Nat. 2: 493, in syn. ad *Erysimum cuspidatum*, nom. nudum [= *Erysimum cuspidatum* DC.].

Text of the label: *Syrenia biebersteinii* Mihi
Cheiranthus cuspidatus MB W. et K.
in Podolia australi ad Tyram

Acquired 1821, 1 ex.?, there are unidentifiable plants from two different localities on the sheet.

***Thalictrum auriculatum* BESSER ex EICHW.** 1830, Naturhist. Skizze: 182, in syn. ad *Thalictrum aquilegifolium*, nom. nudum [= *Thalictrum aquilegifolium* L.].

Text of the label: *Thalictrum auriculatum* mihi
Radix repens!
E Podolia

Acquired 1826, 1 ex.

Duplicates: KW.

***Tragopogon livescens* BESSER** 1822, Enum. Pl. Volhyn.: 30.

Geographical data from the protologue: “*...ad Tyram.*”

Text of the label: *Tragopogon livescens* Bess.
in Podolia ad Tyram

Acquired 1821, 1 ex.

Duplicates: KW, LE.

Münch-Bellinghausen collection in BRNM. – 1. W. Besser

Veronica orchidea BESSER in schedis non CRANTZ, 1769, Stirp. Austr., ed. 2: 333.

Text of the label: *Veronica orchidea* Bess.

specimenubique

Acquired 1821, 1 ex.

Duplicates: KW.

Viola collina BESSER 1816, Cat. Pl. Horti Cremen.: 151.

Geographical data from the protologue: “*in Horto botanico gymnasii Volhyniensis Cremeneci cultarum*”.

Text of the label: *Viola collina* Bess.

circa Kremeniec

Acquired 1821, 1 ex.

Duplicates: KW, LE.

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