ISSN 1211-8788 *Acta Musei Moraviae, Scientiae biologicae* (Brno)
97(2): 101–116, 2012

František Švestka and "his" roses

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Sutorý K. & Zieliński J. 2012: František Švestka and "his" roses. *Acta Musei Moraviae. Scientiae biologicae* (Brno) **97(2):** 101–116. – Altogether 37 infraspecific names in the genus *Rosa* published by F. Švestka between 1935–1948 are typified and commented upon. The plants were collected by Švestka in Moravia, Slovakia and today's Ukraine, and the herbarium specimens are now preserved in the Moravian Museum, Brno (BRNM), Masaryk University, Brno (BRNU), and the National Museum, Prague (PR).

Keywords. BRNM, BRNU, lectotypes, Moravia, neotypes, PR, *Rosa*, Slovakia, Ukraine

Introduction

František Švestka was born on 9 June 1880 in Habrovany near Vyškov (Moravia). He graduated from teachers' training college in Brno. As a teacher he was active in southern Moravia, in places such as Padochov, where he met his wife, Ostrovačice and finally Líšeň, near Brno. During World War I he fought with the Austro-Hungarian forces, was wounded returned seriously ill, and was subsequently pensioned off. As a civilian he first worked at the newly-established Masaryk University, Brno, and later (from 15 January 1925 to 1939) as a curator at the Department of Botany of the Moravian Museum, Brno. During World War II he lived in Padochov again. After the end of the war he moved to the south of Moravia, first to Šatov, later to Mikulov, where he died on 26 February 1965. He is buried in the Central Cemetery in Brno. On the occasion of his eightieth birthday, two articles were published (Hrabětová 1960a, 1960b) together with his curriculum vitae, the former including his photograph.

His favourite botanical group was the variable genus *Rosa*. He published a total of 13 articles (Švestka 1930ab, 1931ab, 1933, 1935ab, 1937, 1938, 1947, 1948abc) addressing this genus and described 47 infraspecific taxa. Another 90 names are found on herbarium labels as "in schedis". Švestka first added his name to a rose collected in 1927 and did so for the last time in 1951. He was most active in this "name-giving" between 1930 and 1935, with a maximum of 22 names in 1934. All his names should be included in the synonymy of *R. agrestis* Savi, *R. canina* L. (incl. *R. corymbifera* Borkh.), *R. dumalis* Bechst. em. Bouleng. (incl. *R. caesia* Sm.), *R. gallica* L., *R. glauca* Pourr., *R. marginata* Wallr. (syn. *R. jundzillii* Besser), *R. pendulina* L., *R. rubiginosa* L., *R. sherardii* Davies, *R. tomentosa* Sm., and *R. zalana* Wiesb., or their hybrids. All identifications for the nomenclature and comments on it were made by the second author. Švestka (1935b: 14) gives the deposition of his specimens in both Brno's herbaria (BRNM, BRNU) or only in BRNM (Švestka 1933: 165, 1937: 42). Some of his

collections were send to Ivan Klášterský, a Czech specialist in the genus *Rosa*,; these collections are now deposited in PR. All the specimens cited below have been digitized.

List of published names

Rosa afzeliana* subsp. *pendulosa
Švestka in Sborn. Klubu Přírod. Brno 28: 108. 1948.

[= *R. dumalis* × *pendulina*]

Type indication: Slovakia septentr.: in oppido Huti [= Huty] prope oppidum Kvačany.
Lectotype (designated here): Huti u Kvačanské doliny pod Sivým vrchem, 21. 8. 1929 (BRNM 27696).
Isolectotype: Huti v Župě Oravské, na úpatí Liptovských Tater, 21. 8. 1929 (PR).
Note: Klášterský designated the specimen in PR as *R. intricata* Gren.; Buzunova (1998) designated the specimen in BRNM as *R. dumalis*. The specimen in PR was originally designated by Švestka as "*Rosa glauca* vergens ad *montanam* Chaix". The name *Rosa afzeliana* subsp. *pendulosa* Švestka was added later.

Rosa afzeliana (subsp. *pribylinensis*) **f. *pseudouriensis***
Švestka in Sborn. Klubu Přírod. Brno 28: 108, 1948

[= *R. dumalis*]

Type indication: Slovakia septentr.: ad viam ex opp. Pribylina ad vallem Koprová dolina.



Fig. 1. František Švestka.

Lectotype (designated here): U cesty z Pribyliny do Ráčkové doliny v Lipt. Holích, ca 800 m, 25. 6. 1931 (BRNM 27668)
Note: Two vouchers were found, neither of them corresponding exactly to the protologue. The direction given in the protologue to the "Koprová dolina" valley of the village of Pribylina is to the north-east. The specimen location for "*Rosa pseudouriensis* Švestka –Mezi Pribylinou a Ondrejem [= Liptovský Ondrej] pod Liptovskými Tatrami (Holemi); 10. 6. 1929 (PR sine no)" lies towards the west. The specimen "U cesty z Pribyliny do Ráčkové doliny v Lipt. Holích, ca 800 m, 25. 6. 1931 (BRNM 27668)" is located to the north. A mismatch of names of the valleys (Koprová versus Ráčková) appears to be likely. The original description corresponds well with the plants on this sheet; hence its selection for type. The name of the subspecies "*pribylinensis*" was never validly published.

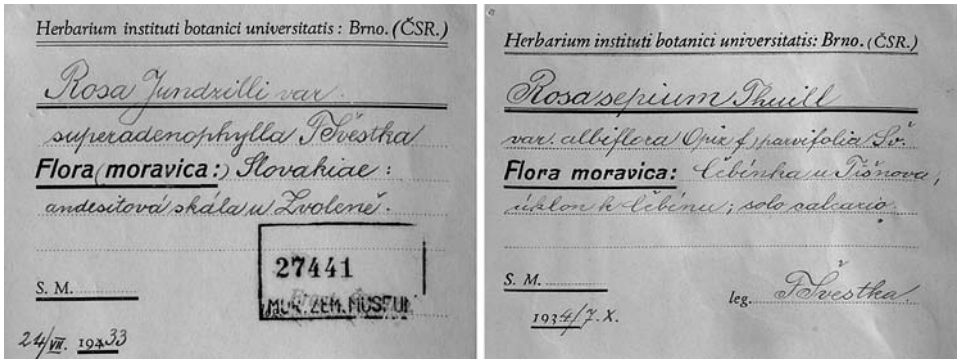

Fig. 2. Labels with František Švestka's characteristic handwriting.

Rosa kelleriana [unranked] ***R. afzeliana*** (subsp. *subcanina*) **var.** ***kelleriana*** Švestka in Věda Přír. 16: 101, 1935

[= intermediate between *R. canina* and *R. dumalis* but nearer to the latter]

Type indication: [Slovakia, Chočské vrchy,] Prosecká dolina.
Lectotype (designated here): Prosecká dolina u Liptovského Mikuláše, solo dolom., ca 800 m, 21. 8. 1929 (BRNU 261455).
Note: On the label of BRNU 261455, the authors of the name are cited as "Šv. et Kell." [= Švestka et Keller]. This name was published at the rank of species and variety. The Czech text (Švestka 1935a: 101) states that it should be considered as a subspecies of *R. afzeliana* although Švestka himself never actually used it in the subspecific combination. It is also treated as a variety later in Švestka (1948a).

Rosa podperae [unranked] ***R. afzeliana*** (subsp. *subcanina*) **var**. ***podperae*** Keller et Švestka in Věda Přír. 16: 100, 1935 "podpěrae"

[= *R. dumalis*]

Type indication: No locality is given in the protologue, which means that no original material can be distinguished. In later published works (Švestka 1948a, b) the following localities are mentioned: [Slovakia,] "ve spodních zónách okolí Sivého vrchu (1805 m), Liptovských a Oravských holí. Nalezneme ji např. při roklinovém vstupu do Prosecké doliny, po levé straně, ve směru Oravsko-Liptovsko, nebo velmi spoře na mezích u Zuberce, také na cestě z Lipt. Hrádku na Vavrišovce do Ráčkové doliny…". The neotype was also selected from this material .
Neotype (designated here): Okres Lipt. Sv. Mikuláš, Pribylina pod Liptovskými Holemi, 800 m, 26. 6. 1931 (BRNU 353962).

Other original material: Pobřeží Studeného potoka u Zuberce, Horní Oravsko v okruhu Liptovských Tater, ca 800 m, 24. 6. 1930 (BRNU 261457).
Note: Polní mez na sev. úklonu k Zuberci, v župě Oravské, 900 m, 24. 6. 1930 (BRNU 357833) belongs to the intermediate form between *R. canina* and R. *dumalis* but nearer to the latter species. The specimen deposited in PR (Prosecká dolina ve skupině Chočské, 13. 8. 1938) was collected after the date of publication of the name and the plant belongs to *R.* × *alba* L. Klášterský included it in the envelope of an undescribed species, *R. dagmarae*. This name was published at the rank of species and variety. The Czech text (Švestka 1935a: 101) states that it should be considered as a subspecies of *R. afzeliana* but Švestka himself never used it in the subspecific combination. It is treated later in Švestka (1948a, 1948b) at species level.

Rosa zubercensis [unranked] ***R. afzeliana*** (subsp. *subcanina*) **var. *zubercensis***
Keller et Švestka in Věda Přír. 16: 100, 1935

[= *R. dumalis*]

Type indication: No locality is mentioned in the protologue. This means that no original material can be distinguished. In another paper published later, Švestka (1948a: 108) gave the locality as follows: [Slovakia,] in limite campestre proxime extra opp. Zuberec.
Neotype (designated here): Rašelinná niva mezi Zubercem a Brestovou pod Lipt. Holemi, 26. 6. 1930 (BRNM 27674).
Other original material: Polní mez u Zuberce, v povodí Stud. P., ca 800 m, 28. 6., 23. 9. 1930 (BRNM 27676). Polní mez u Zuberce, v povodí Studeného potoka – Horní Oravsko, ca 800 m, 28. 6., 23. 9. 1930 (BRNU 261458). Polní mez těsně za Zubercem, Horní Orava pod Liptovskými Holemi, 800 m, 28. 6., 23. 9. 1930 (BRNU 357865). Polní mez těsně za Zubercem, směr k Habovce, na Horním Oravsku, ca 800 m, 24. 6., 23. 9. 1930 (BRNM 27694).
Note: All the specimens mentioned were collected in the vicinity of the village of Zuberec, referenced in the name of the taxon. They belong to *R. dumalis*. The specimens "Meze na polích u Zuberce, Liptovské Oravské hole, 14. 8. 1938 (BRNU, PR)", collected after the publication of the name, represent a form with glands on both sides of the leaflet, often designated as *R. caryophyllacea* Besser. Specimens with two different collection dates consist mostly of flowering parts; only sheets BRNM 27694 and BRNU 261458 contain fruiting branches as well. This name was published at the rank of species and variety. The Czech text (Švestka 1935a: 101) states that it should be considered as a subspecies of *R. afzeliana* but Švestka himself never used it in the subspecific combination. It is also treated as variety later in Švestka (1948a).

Rosa canina (subsp. *globularis*) **f. *eurotundifolia***
Švestka in Sborn. Klubu Přírod. Brno 28: 106, 1948

[= *R. canina*]

Type indication: Slovakia centr.: prope oppidum Brunovce in ripo rivi Váh.
Lectotype (designated here): U Brunovců v povážÍ [sic!], na cestě k Tematínu, 6. 7. 1934 (BRNM 27643).

Rosa canina* subsp. *rackoviana
Švestka in Sborn. Klubu Přírod. Brno 28: 105, 1948 ("*ráčkoviana*")

[= *R. canina*]

Type indication: Slovakia septentr.: prope tabernam in valle Ráčkova dolina sub montibus Liptovské Hole.
Lectotype (designated here): U chaty v Ráčkové dolině pod Liptovskými holemi, ca 800 m, 25. 6. 1935 (BRNM 27709).

Rosa canina* subsp. *tornensis
Švestka in Sborn. Klubu Přírod. Brno 28: 105, 1948

[= *R. canina*]

Type indication: Slovakia merid.: prope arcem Turňa.
Lectotype (designated here): Okraj vápencových srázů nad Zadielskou dolinou u Košic, ca 500 m, 28. 7. 1933 (BRNU 357802).

Rosa canina (var. *adenophora*) **f. *pseudonigrescens***
Švestka in Sborn. Klubu Přírod. Brno 28: 106, 1948

[= *R. canina*]

Type indication: Slovakia merid.: in stepposis locis Miglincká pusta [= Miglincká planina] prope Šomody [= Drienovec].
Lectotype (designated here): Na Miglincké pustě u Moldavy, 29. 7. 1933 (BRNM 2762/35).

Rosa canina (var. *intercedens*) **f. *frondosissima***
Švestka in Sborn. Klubu Přírod. Brno 28: 104, 1948

[= *R. canina*]

Type indication: Moravia occid.: in ripa rivi Svratka prope oppidum Vír.
Lectotype (designated here): Břeh Svratky u Víru, prope Bystřice n. P., 20. 8. 1930 (BRNU 261449).

Rosa canina (var. *montivaga*) **f. *eumontivaga***
Švestka in Sborn. Klubu Přírod. Brno 28: 104. 1948, nomen inval. (Art. 24.3 of the Vienna Code)

[= plants intermediate between *R. canina* and *R. dumalis*]

Note: Mentioned from the locality Slovakia merid.: in stepposis locis Miglincká pusta [= planina] prope Šomody [= Drienovec]. Specimen preserved in BRNM 2743/35 (Miglincká pusta u Moldavy, 29. 7. 1933).

Rosa canina (var. *montivaga*) **f. *minima***
Švestka in Sborn. Klubu Přírod. Brno 28: 104, 1948

[= *R. canina*]

Type indication: Slovakia merid.: in colle Kováčovské kopce adversus urbem Ostřehom [= Esztergom].
Lectotype (designated here): Kováčovské kopce proti Ostřehomu, 23. 7. 1934 (BRNM 27702).

Rosa canina (var. *sphaeroidea*) **f. *major***
Švestka in Sborn. Klubu Přírod. Brno 28: 105, 1948

Type indication: Moravia occid.-merid.: sub solitudine Velká Klajdovka prope oppidum Líšeň.
Note: No original material was found.

Rosa coriifolia* f. *brestovensis
Švestka in Sborn. Klubu Přírod. Brno 28: 109, 1948

[= *R. dumalis* s. lat.]

Type indication: Slovakia septentr.: in arvo prope opp. Brestová.
Lectotype (designated here): U Brestové, pod Liptovskými Holemi, Župa Oravská, 900 m, 25. 9. 1930 (BRNM 27666).

Rosa dumetorum* subsp. *ulehlae
Švestka in Sborn. Klubu Přírod. Brno 28: 106, 1948 ("*úlehlae*")

[= *R. dumalis* s. lat.]

Type indication: Slovakia septentr.: in arvo palustre inter opp. Zuberec et Brestová sub montibus Liptovské hole.
Lectotype (designated here): U silnice mezi Bielym potokem a Zubercem u Zuberce na Hor. Oravsku, 28. 8., 23. 9. 1929 (BRNU 370923), flowering branches on the right side

of the sheet, probably collected on 28 August 1929. On the label designated as *Rosa úlehlai* Švestka.

Rosa dumetorum (var. *incanescens*) **f. *tornensis***
Švestka in Sborn. Klubu Přírod. Brno 28: 107, 1948

[=*R. tomentosa*]

Type indication: Slovakia merid.: in calcareo plateau supra vallem Zadielská dolina ad arcem Turňa.
Lectotype (designated here): Náhorní plateau nad Zadielskou dolinou ke hradu Turňa, s.d., plant indicated as "2" (BRNU 261454)
Note: There are two different taxa on sheet BRNU 261454: (1) *R. canina* s. lat., incl. *R. corymbifera* (*R. corymbifera* sec. Klášterský), and (2) *R. tomentosa* already identified as such by Klášterský in 1971, with the remark "*R. tomentosa* or *R. sherardii*, not recognisable on this specimen". The Czech description on the label (lístky prostřední až malé, řapíky lístků bělavě huňaté. lístky oboustraně šedavé) and the description in the protologue (Pedunculi albo lanati, disci conici. Habitus ad *R. andegavensis* vergens) suggest a better match with *R. tomentosa*, hence its selection as lectotype.

Rosa dumetorum **var. *penduliniformis***
Švestka in Sborn. Klubu Přírod. Brno 28: 106, 1948

Type indication: Slovakia merid.: in plateau supra valle [*sic*] Zadielská dolina.
Note: No original material was found.

Rosa dumetorum (var. *peropaca*) **f. *rotundifolia***
Švestka in Sborn. Klubu Přírod. Brno 28: 106, 1948

[= *R. canina* s. lat.]

Type indication: Slovakia merid.: in valley Zadielská dolina.
Lectotype (designated here): Plateau nad Zadielskou dol. u Košic, 26. 7. 1933 (BRNM 3165/35).

Rosa dumetorum (var. *walziana*) **f. *minor***
Švestka in Sborn. Klubu Přírod. Brno 28: 107, 1948

[= *R. canina* s. lat.]

Type indication: Slovakia merid.: in campis stepposis locis Miglincká pusta [= planina] supra oppidum Hačava.
Lectotype (designated here): Miglincká pusta u Moldavy, 29. 7. 1933 (BRNM 3210/35).

Rosa gallica (subsp. *austriaca*) **f. *euspinosa***
Švestka in Příroda 28: 13, 1935

[= *R. gallica*]

Type indication: [Moravia:] Brno, "Kopaniny nad Líšní?. [Kopaniny is a site situated about 2 km north of Brno-Líšeň]
Lectotype (designated here): Stepní plocha v Kopaninách nad Líšní – Brno, 400 m, 23. 5. 1934 (BRNM 65/35).
Note: See also Švestka (1948: 102). The specimen "Kopaniny nad Líšní, solo calc. 22. 7. 1935 (PR)" was collected after the publication of the name.

Rosa gallica (subsp. *austriaca*) **f. *grandiflora***
Švestka in Příroda 28: 13, 1935

[= *R. gallica*]

Type indication: Brno, Kopaniny nad Líšni.
Lectotype (designated here): Údol [*sic*!] v Kopaninách u Líšně – Brno, 13. 6. 1930. (BRNM 3762/31).
Note: The locality on the specimen with the name of f. *grandiflora* "Kaničky u Ochoze – Brno, 4. 6. 1934" (BRNM 67/35) is not identical with the locality information in the protologue. The specimen selected as lectotype (BRNM 3762/31) has apparently larger flowers but there is no name for the form. It is likely that the author forgot to write it on the sheet. It seems more appropriate to select this as the lectotype rather than the only specimen found bearing the name "*grandiflora*". Another specimen (also without the name of the forma) from the *locus classicus* (Stepní plocha v Kopaninách u Líšně – Brno, 6. 6. 1930, BRNM 3763/31) has smaller flowers and could hardly be identified with the name.

Rosa gallica (subsp. *austriaca*) **f. *pallidiflora***
Švestka in Příroda 28: 13, 1935

[= *R. gallica*]

Type indication: [Brno,] "Kopaniny nad Líšní".
Lectotype (designated here): Kopaniny u Líšně – Brno, stepní plocha, ca 400 m, 25. 5. 1934 (BRNU 257739).

Rosa glauca* f. *myrtillosa
Švestka in Sborn. Klubu Přírod. Brno 28: 108, 1948

[= *R. dumalis*]

Type indication: Slovakia septentr.: in arvo prope vallem Ráčková dolina sub montibus Liptovské Hole.

Lectotype (designated here): Niva u Ráčkové doliny pod Liptovskými Holemi, 800 m, 25. 6. 1935 (BRNU 357811).
Note: The lectotype belongs to *R. dumalis*. Klášterský (1971) designated it with the synonymous name *R. vosagiaca* Desf. Specimen BRNM 27673 (U chaty v Ráčkové dolině, pod Lipt. Holemi, 25. 6. 1935) belongs to *R. canina* × *dumalis*.

Rosa glauca (subsp. *pseudomontana*) **f. *brestovensis***
Švestka in Sborn. Klubu Přírod. Brno 28: 107, 1948

[= *R. dumalis* × *pendulina*]

Type indication: Slovakia septentr.: limes campestris prope pagum Zuberec sub monte Osobitá.
Lectotype (designated here): Polní mez u Zuberce, na pobřeží Studeného potoka, v župě Oravské, 800 m, 26. 6. 1930 (BRNM 27675).

Rosa glauca (subsp. *pseudomontana*) **f. *magurae***
Švestka in Sborn. Klubu Přírod. Brno 28: 108, 1948

[= *R. dumalis* × *pendulina*]

Type indication: Slovakia septentr.: in via ex oppido Pribylina ad vallem Koprová dolina sub monte Kriváň.
Lectotype (designated here): Na cestě do Koprové doliny a k Maguře z Príbyliny, ca 800 m, 25. 6. 1931 (BRNM 27688).

Rosa glauca (subsp. *subcanina*) **f. *palustris***
Švestka in Sborn. Klubu Přírod. Brno 28: 107, 1948 ("*pabustris*")

Type indication: Slovakia septentr.: in palustre regione sub montibus Liptovské Hole.
Note: No original material was found.

Rosa glauca (var. *complicata*) **f. *cyanea***
Švestka in Sborn. Klubu Přírod. Brno 28: 108, 1948

[= *R. canina*]

Type indication: Slovakia septentr.: in pago Vavrišovce prope opp. Liptovský Hrádek.
Lectotype (designated here): Návsí ve Vavrišovcích u Lipt. Hrádku, 20. 6. 1935 (BRNM 27672).
Note: Specimen "[Liptovská] Kokava, Úvalovo [= Dovalovo]…, 25. 6. [19]38 (BRNM 27630)" also bears this name but the localities, situated not far from the *locus classicus*, are not listed the protologue.

Rosa glauca (var. *reuteri*) **f. *plumbeana***
Švestka in Sborn. Klubu Přírod. Brno 28: 107, 1948

[= *R. dumalis*]

Type indication: Slovakia merid.: in plateau super valle [sic] Zadielská dolina.
Neotype (designated here): Trachytové skály u Zvoleně 24. 7. 1933 (BRNM 3360/35).
Note: Although the locality on the label of specimen in BRNM differs from the locality in the protologue, it is the only specimen found with the author's designation of this name.

Rosa jundzillii* var. *pseudocremensensis
Švestka in Příroda 30: 42, 1937

[= *R. marginata*]

Type indication: Brno "na temeni Velkého Horneku". [Velký Hornek is a nature reserve situated on the boundary between the urban areas of Brno-Líšeň and Mokrá-Horákov.]
Lectotype (designated here): Stepní plateau na temeni Velkého Horneku u Líšně – Brno, 420 m. s.m., 14. 7. 1934 (BRNM 532707).
Isolectotype: BRNM 25790.
Syntypes: Okraj nivy na Velkém Horneku u Líšně – Brno, 400 m s. m., 19. 6., 22. 7.1930 (BRNM 27419). Velký Hornek prope Líšeň – Brno; planities stepposa, 421 m s.m. 4.6.1934 (BRNM 27420). Na Velkém Horneku u Líšně – Brno, solo calcario, 420 m, 25. 5. 1934 (BRNU 257743). Okres Brno: na Velkém Horneku u Líšně, ca 421 m, 19. 6. 1930 (BRNU 367845).
Note: The plant looks like *R. marginata* but it cannot be ruled out that it is a current hybrid of *R. canina* × *gallica* (= *R. jundzillii* Besser sec. Klášterský 1971). Švestka gives the location of the lectotype only in the description for BRNM. The taxon is mentioned in another paper published 11 years later (Švestka 1948a). Specimens "Na Velkém Horneku u Líšně, 19. 6., 22. 7. 1939 (BRNU 367846)" and "Na Velkém Horneku u Líšně – Brno, 422 m s.m., 9. 6. 1937 (BRNM 25789)" were collected later.

Rosa jundzillii* var. *superadenophylla
Švestka in Sborn. Klubu Přírod. Brno 28: 110, 1948

[= *R. zalana*]

Type indication: Slovakia centr.: in rupibus prope urbem Zvoleň [= Zvolen].
Lectotype (designated here): Flora Slovakiae: andesitová skála u Zvoleně, 24. 7. 1933 (BRNM 27441).
Note: Klášterský identified it in 1971 as *R. zalana*.

Rosa lexnitzensis* f. *rarissima
Švestka in Sborn. Klubu Přírod. Brno 28: 109, 1948

[= *R. agrestis* × *dumalis* s.l. (in characters is *R. agrestis* dominant)]

Type indication: Moravia merid.-occid.: in colle Kostelíček prope opp. Líšeň.
Lectotype (designated here): Kostelíček nad Líšní, 18. 6. 1936 (BRNU 370921).

Rosa micrantha (var. *septicola*) **f. *sepioides***
Švestka in Sborn. Klubu Přírod. Brno 28: 109, 1948

[= *R. agrestis* × *rubiginosa*]

Type indication: Slovakia occ.: sub colle Raxturm [= Vápenná, Roštún] in montibus M. [= Malé] Karpaty.
Lectotype (designated here): Úpatí Raxturmu v Malých Karpatech, solo calcario, 8. 7. 1934 (BRNU 262247).

Rosa rubiginosa (subsp. *comosa*) **f. *umbellatoidea***
Švestka in Sborn. Klubu Přírod. Brno 28: 109, 1948

[= *R. rubiginosa*]

Type indication: Moravia merid.-occid.: in vinetis apud urbem Dol. [= Dolní] Kounice.
Lectotype (designated here): Vinohrady nad Dolními Kounicemi, 17. 6. 1934 (BRNM 30/35).
Note: The specimen lacks the name of the forma. The locality corresponds with the protologue, and the plants match the original description "*flores in densibus umbellis*"well.

Rosa rubrifolia* subsp. *travertini
Švestka in Příroda 39: 208, 1948

[= *R. glauca* ×?]

Type indication: [Slovakia:] "v okolí Spišského Podhradí [= *Spišské Podhradie]* na Slovensku", "na travertinovém Dreveniku".
Lectotype (designated here): Drevenik u Spišského Podhradí, trachytový substrát. 4. 8. [19]47 (PR), on the label at the rank of variety.
Note: There is not sufficient material for a better identification, but this is certainly not a pure *R. glauca*, but probably the product of hybridisation with a species from *Rosa* sect. *Rubiginosa*. Klášterský indicated that this specimen is *R. glauca*.

Rosa rubrifolia* var. *dolomitica
Švestka in Příroda 31: 224, 1938

[= *R. glauca*]

Type indication: [Slovakia, Malá Fatra,] "v malebném okolí dolomitovém ve výši 1100 m s. m., těsně pod sedlem Medzihole", "poblíž cesty z Ištvánové [= Štefanová] na Medzihole".
Lectotype (designated here): Flora Slovakiae: na úpatí Velkého Rozsutce v M. Fatře nad Ištvánovou, solo dolomitico, 13. 7., 20. 9. 1938 (BRNU 358668). Flowering plants on the sheet collected on 13 July.

Rosa scabrata* var. *multibracteata
Švestka in Sborn. Klubu Přírod. Brno 28: 106, 1948

[= *R. marginata*].

Type indication: Slovakia merid.: in oppido Šomody [= Drienovec] prope urbem Moldava [nad Bodvou].
Lectotype (designated here): U Šomod poblíž Moldavy, 29. 7. 1933 (BRNM 3877/35). Bears the name *R. s.* var. *brevibracteata* Švestka.
Note: The names in the protologue and on the sheet differ. The author may have changed his mind subsequently or may have mistakenly written the name in another form than that published. The phrase "*Petioli et foliolla lati*" in the protologue may refer to the plants on the sheet.

Rosa sepium (subsp. *arvatica*) **f. *tenuisepala***
Švestka in Sborn. Klubu Přírod. Brno 28: 109, 1948

[= *R. agrestis*]

Type indication: Slovakia merid.: in plateau supra vallem Zadielská dolina.
Lectotype (designated here): Vápencové plateau nad Zadielskou dolinou, ke hradu Turňa, 26. 7. 1933 (BRNM 2412/35).

Rosa sepium (subsp. *arvatica*) **f. *purpurascens***
Švestka in Sborn. Klubu Přírod. Brno 28: 109, 1948

Type indication: locality missing in the protologue.
Note: No original material found.

Rosa spinosissima* var. *ovalifolia
Švestka in Sborn. Klubu Přírod. Brno 28: 103. 1948 ("ovaliifolia")

Type indication: [Slovakia.] Limes campestris super oppido Zuberec in pago Horní Oravsko adversus montes Liptovské Hole 900 m.
Note: No original material found.

Rosa spinosissima (var. *pimpinellifolia*) **f. *laevissima***
Švestka in Sborn. Klubu Přírod. Brno 28: 103, 1948

Type indication: Moravia occid.-merid.: in margine silvae in clivo Malý Hornek apud Líšeň.
Note: No original material found.

Rosa spinosissima (var. *semisimplex*) **f. *montana***
Švestka in Sborn. Klubu Přírod. Brno 28: 104, 1948

Type indication: Slovakia septentr.: sub monte Predni Zeleno prope lacum Roháčská plesa 1700 m s.m.
Note: No original material found.

Rosa spinosissima* var. *splendens
Švestka in Sborn. Klubu Přírod. Brno 28: 104, 1948

Type indication: Slovakia septentr.: margo silvestris infra montem Baraněc in montibus Liptovské Hole 900 m s. m.
Note: No original material found.

Rosa spinosissima* var. *sublagenaria
Švestka in Sborn. Klubu Přírod. Brno 28: 103, 1948

Type indication: Slovakia merid.: in plateau supra vallem Zadielská dolina.
Note: No original material found.

Rosa tomentella* var. *terebljana
Švestka in Sborn. Klubu Přírod. Brno 28: 109, 1948 [= *R. agrestis*]

Type indication: Rossia subcarp. [Ukraine: Zakarpatska Oblast']: in valle rivi Tereblje [= Tereblja].
Lectotype (designated here): V údolí řeky Tereblje, solo cretaceo, 9. 8. 1932 (BRNM 42358).

Rosa tomentosa (subsp. *cinerascens* f. *subadenophylla*) **subf. *pulcherrima***
Švestka in Sborn. Klubu Přírod. Brno 28: 110. 1948

[= *R. dumalis* s.l × *gallica*]

Type indication: Moravia occ.-merid.: in margine lapicidinis calcareis supra pag. Líšeň.
Lectotype (designated here): Ad rupes calcarias [*sic*] prope oppidulum Líšeň, pagus Brno, 4. 6. 1934 (BRNM 27501).
Note: In 1971 Klášterský commented on this specimen: "*R. sherardii* × *jundzilii* (or *gallica*); *R. coriifolia* × *jundzilii* (or *gallica*) cannot be excluded either".

Rosa tomentosa (subsp. *seringeana*) **f. *pieninyana***
Švestka in Sborn. Klubu Přírod. Brno 28: 110, 1948

[= *R. sherardii*]

Type indication: Slovakia septen.: in sicco alveo sub montibus Tři koruny [= Trzy Korony] in Pieniny.
Lectotype (designated here): V Pieninách, ve vyschlém řečišti pod Třemi Korunami, 22. 9. 1935 (BRNM 27699).

Rosa trachyphylla **f. *rotundifolia***
Švestka in Sborn. Klubu Přírod. Brno 28: 110, 1948

[= *R. marginata*]

Type indication: Slovakia centr.: in andesitico declive prope urbem Zvoleň [Zvolen].
Lectotype (designated here): Andesitové skály u Zvoleně, 24. 7. 1933 (BRNM 4117/35).

List of unpublished names

[ascribed to Švestka or to Švestka et Keller in schedis]

Rosa afzeliana subsp. *subcanina* var. *kelleriana* f. *grandifolia* (BRNU)
Rosa afzeliana subsp. *subcollina* var. *salatinensis* (BRNM)
Rosa afzeliana var. *proseckaensis* (PR)
Rosa andegavensis var. *subhirtillina* (BRNM)
Rosa canina subsp. *oenophora* f. *globata* (BRNM)
Rosa canina subsp. *viridata* f. *gregariensis* (BRNU)
Rosa canina subsp. *rubelliflora* f. *laevisepala* (BRNM)
Rosa canina var. *glandulosisepala* (BRNU)
Rosa canina var. *oxyphylla* f. *pseudosilvestris* [*sic*!] (BRNU)
Rosa coriifolia ad *dumetorum* vergens var. *magnifica* (PR)
Rosa coriifolia f. *corymbosoidea* (BRNM)
Rosa coriifolia f. *luteospinosa* (BRNU)
Rosa coriifolia var. *dimorphocarpa* f. *compacta* (BRNM)
Rosa coriifolia var. *incana* f. *globata* (BRNM)
Rosa coriifolia var. incana f. *oravaensis* (BRNM)

Rosa coriifolia var. *kelleriana* (BRNM)
Rosa coriifolia var. *pseudocoriifoliata* (BRNM)
Rosa coriifolia var. *pseudvenosa* f. *globataensis* (BRNM)
Rosa coriifolia var. *pseudvenosa* f. *viridicata* (PR)
Rosa coriifolia var. *subcanina* f. *elegans* (BRNU)
Rosa coriifolia var. *subcanina* f. *microglobata* (BRNM)
Rosa coriifolia var. *subcollina* f. *lagenaria* (BRNU)
Rosa coriifolia var. *subcollina* f. *lagenosa* (BRNM)
Rosa coriifolia var. *subcollina* f. *oblongata* (BRNM)
Rosa coriifolia var. *subcollina* f. *oblongoides* (BRNM)
Rosa coriifolia var. *vialis* f. *globata* (BRNM)
Rosa coriifolia var. *zuberecensis* (BRNM)
Rosa dumetorum subsp. *heterotricha* f. *rotundella* (PR)
Rosa dumetorum subsp. *hirtifolia* f. *foliobracteata* (BRNU)
Rosa dumetorum subsp. *incanescens* f. *mikulovii* (BRNU)
Rosa dumetorum subsp. *sphaerocarpa* f. *grandifoliata* (BRNM)
Rosa dumetorum subsp. *subglabra* f. *duplofoliola* (PR)
Rosa dumetorum var. *eulanceolata* f. *enneaefoliosa* (BRNM)
Rosa dumetorum var. *globata* f. *submontana* (BRNM)
Rosa dumetorum var. *gracilenta* f. *subdecalvata* (PR)
Rosa dumetorum var. *incanescens* f. *corymbosa* (BRNM)
Rosa dumetorum var. *leptotricha* f. *enaeaphyllos* (BRNU)
Rosa dumetorum var. *myrtillina* f. *viridis* (BRNM)
Rosa dumetorum var. *platyphylla* f. *rotundifolia* (BRNM)
Rosa dumetorum var. *schultesii* f. *calcarata* (BRNM, BRNU)
Rosa gallicoidea (BRNM)
Rosa gizellae f. *angustifolia* (BRNM)
Rosa gizellae × *canina* nova [f.] *klentnicensis* (PR)
Rosa glauca f. *liptoviensis* (BRNM)
Rosa glauca f. *montanella* (BRNM)
Rosa glauca f. *tenuispinosa* (BRNM)
Rosa glauca subsp. *complicatoides* (BRNM)
Rosa glauca subsp. *discreta* (BRNM)
Rosa glauca subsp. *subcanina* f. *speciosa* (BRNM)
Rosa glauca var. *complicata* f. *coerulliana* (BRNM)
Rosa glauca var. *complicata* f. *liptoviana* (BRNM)
Rosa glauca var. *complicata* f. *rubella* (BRNU)
Rosa glauca var. *pseudocomplicata* (BRNM)
Rosa glauca var. *subcanina* f. *complicatoides* (BRNM)
Rosa glauca var. *subilseana* (BRNM)
Rosa glauca × *dumetorum* f. *coeruliana* (PR)
Rosa jundzilii var. *flexuosa* f. *coeruleifolia* (BRNU)
Rosa jundzilii var. *flexuosa* f. *pubens* (BRNU)
Rosa jundzilii var. *monstrosa* (BRNU)
Rosa jundzillii f. *fructispinosa* (BRNU)
Rosa jundzillii subsp. *kanicensis* (BRNM)
Rosa jundzillii subsp. *ruthenica* f. *kanicensis* (BRNU)
Rosa jundzillii var. *rubella* (BRNU)
Rosa jundzillii var. *ruthenica* f. *rotundata* (BRNM)
Rosa kulmiana (BRNM)
Rosa kytkoviana (PR)
Rosa micrantha subsp. *lemanii* f. *triflora* (PR)
Rosa micrantha subsp. *operta* f. *euviridicata* (BRNU)
Rosa micrantha var. *nudireceptaculis* (BRNM)

Rosa micrantha var. *diminuta* f. *hadensis* (BRNU)
Rosa neomontana (PR)
Rosa nitidula var. *kováčensis* (BRNM)
Rosa pendulina var. *intercalaris* f. *laevisepala* (BRNM)
Rosa pendulina var. *praealpina* f. *pirensis* (BRNM)
Rosa pendulina var. *pendulina* × *pseudorupestris* f. *grandifolia* (PR)
Rosa penduliniformis (BRNM)
Rosa scabrata var. *brevibracteata* (BRNM)
Rosa sepium var. *albiflora* f. *parvifolia* (BRNU)
Rosa sepium var. *albiflora* f. *villosissima* (BRNM)
Rosa spinosissima typica f. *lagenoidea* (PR)
Rosa tomentella var. *suloviensis* (BRNU)
Rosa tomentosa var. *maršoviensis* (PR)
Rosa tomentosa subsp. *cinerascens* f. *subadenophylla* sf. *robusta* (BRNM)
Rosa trachyphylla subsp. *reticulata* f. *corymbosa* (BRNM)
Rosa trachyphylla var. *reticulata* f. *rotundifolia* (BRNU)
Rosa trachyphylla var. *reticulata* f. *rubella* (BRNU)
Rosa trachyphylla var. *reticulata* f. *silvestris* (BRNU)

Acknowledgements

This work was supported by a long-term research grant from the Ministry of Culture (ref. MK00009486201) and by the Grant Agency of the Czech Republic (ref. GAČR 206/07/1555). Our thanks to the curators of BRNU and PR, who allowed us to study their material, Pavel Jirásek, a relative of František Švestka, for his kind help with life data and a photograph of František Švestka, Jan Wim Jongepier for initial correction of the English, Jiří Danihelka for valuable comments and critical remarks and Alena Měřínská for help in selecting material.

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