



Nomenclature review of the plants published by Josif Pančić (*Nomenclator Pancicianus novus*)

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ABSTRACT: An annotated list of plant names published by Josif Pančić was prepared through review of original herbarium material and critical assessment of more recent taxonomic papers. Of the 226 names first used by this author, he claimed 168 as new taxa for science, including 116 new plant species. The analysis of validity has shown that 87 of Pančić's taxa, or more than one half (51.79%) are currently accepted, including 54 in specific and 11 in subspecific rank. Furthermore, 48 additional taxa were named in his honor by other authors. In this paper nine new synonyms and four nomenclatural novelties are proposed.

KEY WORDS: Josif Pančić, nomenclature, taxonomy, current taxa

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INTRODUCTION

Josif Pančić (1814-1888) was the best known Serbian scientist, enlightener and naturalist in the 19th century. In spite of his multidisciplinary study of natural sciences, Pančić's main passion was studying flora of Serbia as well as Montenegro and Bulgaria, which at the time were considered exotic and still unsafe Balkan regions, recently autonomous from the Ottoman Empire. The main goal of his research was to determine the plant species present in each region and to announce the discovery of each new plant taxon in the proper scientific way. He managed it all in a grand way, travelling for tens of thousands of miles, collecting many thousands of herbarium specimens and publishing nearly 170 plant names. The pioneer studies, about twenty botanical publications and all the newly discovered species were definitively essential for the further development of botany in Serbia, Montenegro and Bulgaria, primarily in the fields of floristics and plant systematics. They were inspiration for the continuators of Pančić's work, Sava Petrović, Josef Velenovský, Lujo Adamović, Nedeljko Košanin, Josef Rohlena, Nikola Diklić and others, who also enriched flora of the Balkan Peninsula with several dozen new species in their own

research. The biology and chemical characteristics of Pančić's plants have also presented a challenge to many researchers since the times of N. Košanin. However, only about 15 of Pančić's species have been studied in this regard, just barely scratching the surface of potential scientific study.

Pančić's contemporaries and botanists of later generations alike have highly respected his botanical discoveries, although the nomenclature status of his plants has always been scrutinized by the scientific community. The later studies have yielded new knowledge, so some of these species were recognized as currently accepted taxa while others were considered synonyms of some other taxa. Numbers of currently accepted taxa and synonyms are still subject to periodic changes, in compliance with various botanical interpretations and concepts. A special study on nomenclature status of plants described by Pančić ("*Nomenclator Pančićianus*") was published almost half a century ago (MAYER & DIKLJIĆ 1967), for the occasion of celebrating 150 years since his birth. That publication was used as the foundation for writing this paper, although it must be noted that since the publication date there have been some important changes in taxonomic and nomenclature categorization. In the new nomenclator 36

names are added, while names that are not proposed as a new (pro syn.) are placed in a separate list. Furthermore, the misapplied names are completely excluded and disregarded, for example "*Primula farinosa* var. *denudata*" sensu Pančić [non Host] (PANČIĆ 1886: 139), unless they are related to the original Pančić's names.

MATERIAL AND METHODS

Pančić's plants were collected for several years in the territory of Serbia and other parts of the Balkan Peninsula. The collected plant material is deposited in the Herbarium of the Natural History Museum in Belgrade (BEO) and the Herbarium of the Institute of Botany and Botanical Garden "Jevremovac", University of Belgrade (BEOU). The most important tool in studying Pančić's original material was *Herbarium Pancicianum* (BEOU), in combination with the other collections containing his exsiccates - BEO, W, WU, B, E, etc. The currently accepted plant names were determined according to the modern Check lists, such as the Med-Check List (GREUTER *et al.* 1984, 1986, 1989, 2008), or databases such as Euro+Med Plantbase (EURO+MED 2011) or THE PLANT LIST (2013). For some of the names the nomenclature treatment was adopted from the more recent publications pertaining to flora of a certain region or taxonomy of a certain group. For a certain number of names we provided our own independent opinion with detailed explanations. It must be noted that various taxonomic and nomenclature approaches are unified and adapted in the "Check list of vascular plants of Serbia" (Niketić & Tomović, unpubl. data), and the nomenclature in this checklist is identical to that used in further text. Abbreviations used in citations of authors and publications are made in accordance with IPNI (2014). For the complete Pančić's botanical bibliography see MAYER & DIKLIĆ (1967).

To perform the nomenclature analysis of Pančić's plants, all their names included in the following lists are assigned into one of six basic groups:

- 1 Currently accepted taxa (Pančić is the author):
 - a) The original name remained unchanged
 - b) Only the combination is changed
 - c) Only the status is changed
 - d) Combination and status are changed
- 2 Currently accepted taxa (other authors have replaced Pančić, and usually the original name). The causes of that are:
 - a) Illegitimate name (later homonym or superfluous name).
 - b) Transfer to a new status (ie. *Centaurea chrysolepis* Vis. for *C. orientalis* var. *armata* Pančić) or replaced synonym (*Lactuca fenzi* N. Kilian & Greuter for *Lactucopsis brevirostris* Sch. Bip. ex Vis. & Pančić, not *Lactuca brevirostris* (Sch. Bip. ex Vis. & Pančić) Boiss. 1875, nom. illeg. (syn. subst.) [non Champ. ex Benth. 1852]).

- c) Invalid name (*nomen nudum*).
- 3 Non-validated *nomen nudum* or *nomen seminudum*:
 - a) Synonyms
 - b) Doubtful status:
 - Achillea grandifolia* f. *macrophyloides* Pančić ex Nyman
 - Filago germanica* var. *flavescens* Pančić
 - Galeopsis tetrahit* var. *parviflora* Pančić
 - Hieracium kernerianum* Pančić ex Adamović
 - Setaria viridis* var. *minor* Pančić
- 4 Synonyms (excl. *nomen nudum*).
- 5 Additional synonyms (Pančić is the author of the new name) (ie. *Picridium macrophyllum* Vis. & Pančić for *Reichardia macrophylla* Vis. & Pančić).
- 6 Names that were not proposed as new (merely cited as superfluous synonyms).

RESULTS AND DISCUSSION

The number following each name indicates the particular nomenclature group (see in Material and methods). Heterotypic synonyms are presented only for the currently accepted Pančić's taxa.

List of regular plant names published by Josif Pančić

Acer intermedium Pančić, Glasn. Srpskog Učenog Društva 30: 149 (1871) [Šumsko drveće i šiblje u Srbiji]. **1d**
 ≡ *Acer hyrcanum* subsp. *intermedium* (Pančić) Bornm., Bot. Jahrb. Syst. 59: 453 (1925) ≡ *A. hyrcanum* f. *intermedium* (Pančić) Bornm., Oesterr. Bot. Z. 44: 126 (1894).
 = *A. opalus* var. *serbicum* Pax, Bot. Jahrb. Syst. 6: 227 (1886).

[*Achillea grandifolia* f. *macrophyloides* Pančić ex Nyman, Consp. Fl. Eur.: 366 (1879), nom. inval. (nom. nud.), nom. dub.]. **3b**

Note - Its taxonomic status is doubtful.

Aconitum divergens Pančić, Glasn. Srpskog Učenog Društva 53: 173 (1883) [Elem. Fl. Bulg.: 18], nom. illeg. [non Raf., New Fl. (Rafinesque) 1: 56 (1836)]. **2a**
 = *Aconitum pentheri* Hayek, Ann. K. K. Naturhist. Hofmus. Wien 31: 68 (1917) ≡ *A. burnatii* subsp. *pentheri* (Hayek) Jalas, Ann. Bot. Fenn. 22: 220 (1985).
Note - Actual status is accepted in "Flora of Serbia" (GAJIĆ & NIKETIĆ 1992a).

Allium melanatherum Pančić, Glasn. Srpskog Učenog Društva 53: 224 (1883) [Elem. Fl. Bulg.: 64]. **1a**
 = *A. thracicum* Halácsy & Georgh., Oesterr. Bot. Z. 41: 223 (1891).
 = *A. thracicum* subsp. *pygmaeum* Cheshm., Gen. Allium: 22 (1992).
 = *A. thracicum* var. *nutans* Cheshm., loc. cit.

- “*A. achaium*” sensu Stoj. & Stef., Fl. Bulg.: 233 (1925) [non Boiss. & Orph., Fl. Orient. 5(1): 259 (1882)].

Allium serbicum Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 479, tab. 8 (1865). **1a**

- “*A. tenuiflorum*” sensu Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(3): 57 (1932) [Prodr. Fl. Penins. Balc. 3] [non Ten., Fl. Napol. 1: 165 (1811)]; auct.
– “*A. pallens*” sensu Stearn, Ann. Mus. Goulandris 4: 161 (1978) [non L., Sp. Pl., ed. 2, 1: 427 (1762)].

Note – In the protologue (VISIANI & PANČIĆ 1865) this species was assigned to section *Allium* sect. *Macrospatha* G. Don ex Kunth. According to HAYEK (1932) and TATIĆ (1975) this onion was considered a synonym for *A. tenuiflorum* Ten., while in the more recent times it was considered identical to the related *A. pallens* L (STEARNS 1978; THE PLANT LIST 2013). However, *A. serbicum* Vis. & Pančić has strong morphological differences to these species as well as to other species of this genus (G. Anačkov, pers. comm.).

Althaea kragujevacensis Pančić ex Diklić & Stevan., Proc. Fifth Optima Meeting, Istanbul 1986: 525 (1993). **1a**

[*A. kragujevacensis* Pančić, Fl. Serbiae: 200 (1874), in clavi, nom. inval. (pro syn. of *A. taurinensis* DC., in introduct.).]

- “*A. taurinensis*” sensu Pančić, Fl. Serbiae: XXV (1874), in introduct. [non DC., Prodr. 1: 436 (1824)].

Note – It was firstly described under this name in Flora principatus Serbiae (PANČIĆ 1874, in clavi) (see the next subchapter), but in the introduction of that book Pančić still mentioned that this was a synonym for the species *Althaea taurinensis* DC. According to the nomenclature rules (MCNEILL *et al.* 2012: Art. 36.1(c)), the name *A. kragujevacensis* Pančić 1874 is cited as a synonym and not validly published. However, DIKLIĆ & STEVANOVIĆ (1993) had a different opinion from Pančić and therefore provided a new description for this taxon. As this plant is probably extinct in the biosphere (DIKLIĆ 1999), with very scarce Pančić’s specimens (BEOU), and as Pančić actually believed that this plant was *A. taurinensis*, its taxonomic position is highly doubtful.

Anthemis cinerea Pančić, Glasn. Srpskog Učenog Društva 53: 199 (1883) [Elem. Fl. Bulg.: 39]. **1d**

≡ **Anthemis cretica** subsp. **cinerea** (Pančić) Oberpr. & Greuter, Willdenowia 33(1): 39 (2003).

- = *A. carpatica* var. *sericea* Heuff., Verh. K. K. Zool.-Bot. Ges. Wien 8: 136 (1858).

Anthemis orbelica Pančić, Glasn. Srpskog Učenog Društva 66: 130 (1886) [Nov. Elem. Fl. Bulg.: 27]. **1d**

≡ **Anthemis macedonica** subsp. **orbelica** (Pančić) Oberpr. & Greuter, Willdenowia 33(1): 40 (2003).

- = *A. halacsyana* Formánek, Verh. Naturf. Vereins Brünn 36: 55 (1898).

- = *A. orbelica* Velen., Oesterr. Bot. Z. 52: 155 (1902), nom. illeg. [non Pančić, loc. cit.].

- = *A. riloensis* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1903: 6 (1903).

Anthemis tinctoria var. **bicolor** Pančić, Verh. Zool.-Bot. Vereins Wien 6: 552 (1856). **4**

- = **Cota tinctoria** subsp. **parnassica** (Boiss. & Heldr.) Oberpr. & Greuter, Willdenowia 33(1): 41 (2003) ≡ *C. parnassica* Boiss. & Heldr., Diagn. Pl. Orient. ser. 2, 3: 20 (1856) ≡ *A. parnassica* (Boiss. & Heldr.) Nyman, Suppl. Syll. Fl. Eur.: 1 (1865) ≡ *A. tinctoria* subsp. **parnassica** (Boiss. & Heldr.) Nyman, Consp. Fl. Eur.: 359 (1879).

Anthoxanthum odoratum var. **montanum** Pančić, Verh. Zool.-Bot. Vereins Wien 6: 595 (1856). **1a**

Astragalus glycyphylloides var. **serbicus** Pančić ex Beck, Ann. K. K. Naturhist. Hofmus. Wien 11: 75 (1896). **1c**

- ≡ **Astragalus glycyphylloides** subsp. **serbicus** (Pančić ex Beck) Vasić & Niketić, Museol. sci., 14(1), Suppl.: 615 (1998) ≡ *A. serbicus* (Pančić ex Beck) Pančić ex Beck in Rchb. et al., Icon. Fl. Germ. Helv. 22: 102 (1900) [*A. serbicus* Pančić ex Boiss., Fl. Orient. 2: 268 (1872), nom. inval. (pro syn. of *A. glycyphylloides* DC.)] [non *A. serbicus* Wettst., Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1. 98(1): 390 (1889), nom. inval. (nom. nud.)].

- = *A. petrovicii* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1903: 4 (1903), **syn. nov.** ≡ *A. glycyphylloides* var. *petrovicii* (Velen.) Asch. & Graebn., Syn. Mitteleur. Fl. 6(2): 762 (1909).

- “*A. galegiformis*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 482 (1856) [non L., Sp. Pl. 2: 756 (1753)].

Note – EURO+MED (2011) treats different names in BECK (1896) and BECK (1900) as independent. However, BECK (1900) explicitly cited BECK (1896) who cited BOISSIER (1872), therefore all synonyms are isotypic. The source of citation, *A. serbicus* Rchb. f., Icon. Fl. Germ. Helv. 22: 278 (1886) (GREUTER *et al.* 1989), remains unclear and could be treated as an error. Additional studies are necessary to determine the actual subspecific status of this taxon.

Astragalus serbicus (Pančić ex Beck) Pančić ex Beck in Rchb. et al., Icon. Fl. Germ. Helv. 22: 102 (1900). **5(1c)**

Note – See *Astragalus glycyphylloides* var. *serbicus* Pančić ex Beck.

Astragalus spruneri var. **glabrescens** Pančić, Elench. Crna Gora: 24 (1875). **4**

- = **Astragalus monspessulanus** [subsp. *illyricus*] var. **dinaricus** Rchb. f. & Beck in Rchb. et al., Icon. Fl. Germ. Helv. 22: 115 (1900).

- Avena rufescens* Pančić, Add. Fl. Princ. Serb.: 238 (1884). **4**
 ≡ *Trisetum rufescens* (Pančić) Adamović, Magyar Bot. Lapok 3: 142 (1903).
 = *Trisetum sibiricum* Rupr., Beitr. Pflanzenk. Russ. Reiches 2: 65 (1845).
- Barbarea balcana*** Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 6 (1888). **1a**
 ≡ *B. rivularis* Pančić, Glasn. Srpskog Učenog Društva 53: 174 (1883) [Elem. Fl. Bulg.: 14], nom. illeg. [non Loret, Bull. Soc. Bot. France 6: 90 (1859)].
 = *B. alpicola* Murb., Acta Univ. Lund. 27(5): 170 (1892).
- Barbarea rivularis* Pančić, Glasn. Srpskog Učenog Društva 53: 174 (1883) [Elem. Fl. Bulg.: 14], nom. illeg. [non Loret, Bull. Soc. Bot. France 6: 90 (1859)]. **5(2a)**
Note – See *Barbarea balcana* Pančić.
- Briza media* var. *montana* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 590 (1856). **4**
 = *Briza media* var. *major* Peterm., Anal. Pfl.-Schlüss: 545 (1846).
 = *B. media* var. *alpestris* Beck, Fl. Nieder-Osterreich 1: 90 (1890).
- Bromus erectus* var. *vernalis* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 592 (1856). **5(4)**
Note – See *Bromus vernalis* (Pančić) Pančić.
- [*Bromus vernalis* Pančić, Verh. K. K. Zool.-Bot. Ges. Wien 9: 146 (1859), nom. inval. (nom. nud.)]. **5(3a)**
Note – See *Bromus vernalis* (Pančić) Pančić.
- Bromus vernalis* (Pančić) Pančić ex Hack., Oesterr. Bot. Z. 29: 205 (1879). **4**
 [*B. vernalis* Pančić, Verh. K. K. Zool.-Bot. Ges. Wien 9: 146 (1859), nom. inval. (nom. nud.)]
 ≡ *B. erectus* var. *vernalis* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 592 (1856).
 = *Bromopsis pannonica* (Kumm. & Sendtn.) Holub, Folia Geobot. Phytotax. 8(2): 168 (1973) ≡ *Bromus pannonicus* Kumm. & Sendtn., Flora 32: 757 (1849) ≡ *Bromus erectus* var. *pannonicus* Asch. & Kanitz, Cat. Cormoph. Serb.: 12 (1877).
- Bupleurum pachnospermum*** Pančić, Fl. Serbiae (1874) 329, in clavi. **1a**
 ≡ *B. commutatum* var. *pachnospermum* (Pančić) H. Wolff in Engl., Pflanzenz. 90: 85 (1910).
 = *B. gerardii* subsp. *glaucocarpum* Borbás, Természetr. Füzet. 19: 221 (1896) ≡ *B. commutatum* subsp. *glaucocarpum* (Borbás) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 975 (1927) [Prodr. Fl. Penins. Balc. 1].
- Campanula bononiensis* var. *concolor* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 563 (1856), nom. illeg. [non *C. bononiensis* f. *concolor* Peterm., Anal. Pfl.-Schlüss: 270 (1846)] (McNEILL *et al.* 2012: Art. 53.4). **2a**
 ≡ *Campanula bononiensis* var. *pancicii* Niketić, **nom. nov.**
- Campanula glomerata* var. *macrodon* Pančić, Elench. Crna Gora: 63 (1875). **4**
 = *Campanula foliosa* Ten., Fl. Napol. 1: 16 (1811).
- Campanula orbelica*** Pančić, Glasn. Srpskog Učenog Društva 53: 208 (1883) [Elem. Fl. Bulg.: 48]. **1a**
 ≡ *C. alpina* subsp. *orbelica* (Pančić) Urum., Spis. Bulg. Akad. Nauk. 28: 147 (1923).
 – “*C. alpina* Jacq.” sensu Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 528 (1930) [Prodr. Fl. Penins. Balc. 2] [non Jacq., Enum. Stirp. Vindob. 36: 210 (1762)]; auct.
Note – According to HAYEK (1930) and OBRADOVIĆ (1974) it was considered a synonym to *Campanula alpina* Jacq., while in Flora Europaea it was treated as a subspecies (FEDOROV & KOVANDA 1976). The most recent morphological, molecular and phylogenetic studies (RONIKIER & ZALEWSKA-GAŁOŚZ 2014) have shown that *C. alpina* and *C. orbelica* are actually vicariant high-mountainous species. The first species is present in the Alps and the Carpathians, while the second species is limited to mountains of the central and eastern Balkans. According to the cited authors, these species “have been isolated for a very long time and evolved in strict allopatry throughout at least several periods of Quaternary glaciations”.
- [*Campanula pinifolia* Uechtr. ex Pančić, Fl. Serbiae 483 (1874), in adnot., nom. inval. (nom. seminud.)]. **3a**
 [=] *C. rotundifolia* subsp. *pinifolia* Witasek, Abh. K. K. Zool.-Bot. Ges. Wien 1(3): 98 (1902).
 [=] ***Campanula rotundifolia*** L., Sp. Pl. 1: 163 (1753).
 [=] *C. rotundifolia* var. *balcanica* Adamović, Allg. Bot. Z. Syst. 5(5): 73 (1899) ≡ *C. rotundifolia* var. *serbica* Adamović ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 539 (1930) [Prodr. Fl. Penins. Balc. 2].
 [=] *C. moravica* (Spitzner) Kovanda, Folia Geobot. Phytotax. 3: 409 (1968) ≡ *C. rotundifolia* var. *moravica* Spitzner, Verh. Naturf. Vereins Brünn 31: 193 (1892).
- Note** – In the footnote for *Campanula rotundifolia* L., PANČIĆ (1874) only cited Uechtritz’s remark that besides this species, several closely related taxa grow in Serbia. One of them is *C. pinifolia* Uechtr. ex Pančić which has plentiful narrow leaves, and that due to lack of material could not be sufficiently studied. Due to the scarcity of details in the description, it is treated as *nomen seminudum* (KOVANDA 2002). As present taxonomic concepts are

not uniform, it is still not clear whether this is just a synonym for the widely distributed *C. rotundifolia* L. (according to EURO+MED 2011), synonym for the species *Campanula moravica* (Spitzner) Kovanda (KOVANDA 2002), or a subspecies, *C. rotundifolia* subsp. *pinifolia* (Uechtr. ex Pančić) Witasek (HAYEK 1930; OBRADOVIĆ 1974).

Campanula rapunculus f. *collina* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 562 (1856). **4**
= *Campanula rapunculus* f. *hirta* Peterm., Fl. Lips. Excurs.: 186 (1838).

Campanula rapunculus f. *montana* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 562 (1856). **1a**

Campanula rapunculus f. *pratensis* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 562 (1856). **1a**
= *C. rapunculus* f. *nitida* Beck, Ann. K. K. Naturhist. Hofmus. Wien 2: 152 (1887).

Campanula secundiflora Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 10: 442, tab. 6 (1862). **1a**

Cardamine amethystea Pančić, Glasn. Srpskog Učenog Društva 66: 118 (1886) [Nov. elem. fl. Princ. Bulg.: 15]. **4**
= *Cardamine rivularis* Schur, Verh. Mitth. Siebenbürg. Vereins Naturwiss. Hermannstadt. 4: 61 (1853).

[*Cardamine kopaonikensis* Pančić, Oesterr. Bot. Z. 17: 173 (1867), nom. inval. (nom. nud.)]. **2c**
[non *C. kopaunicensis* Pant., Verh. Vereins Naturheilk. Presburg 2: 91 (1871)].

[=] *Cardamine pancicii* Hayek, Kaiserl. Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 94: 149 (1918) ≡ *C. glauca* var. *pancicii* (Hayek) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 395 (1925) [Prodr. Fl. Penins. Balc. 1] ≡ *C. glauca* subsp. *pancicii* (Hayek) Trinajstić, Suppl. Fl. Anal. Jugosl. 4: 8 (1976).

[=] *Pteroneurum carnosum* var. *polyphylla* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 508 (1856).

[-] *C. glauca* var. *microphylla* Pančić ex Fritsch, Verh. K. K. Zool.-Bot. Ges. Wien 44: 323 (1895), nom. inval. (pro syn. of *C. glauca*).

Note – Presently this plant is known only from the high-mountain massif of Kopaonik. Pančić provided an inadequate publication of its name on two occasions. The nomenclature gap was filled by HAYEK (1918) naming it in his honor (see also *Cardamine pancicii* Hayek in the third subchapter). The morphometric and phylogenetic studies have shown that subpopulations from Mt Kopaonik represent a distinct species closely related to *C. glauca* Spreng. ex DC., *C. plumieri* Vill. and *C. carnososa* Waldst. & Kit. (LAKUŠIĆ *et al.* 2006).

Cardamine serbica Pančić, Add. Fl. Princ. Serb.: 111 (1884). **1a**

[*C. serbica* Pančić ex Asch. & Kanitz, Cat. Cormoph. Serb.: 76 (1877), nom. inval. (nom. nud.)].

≡ *C. maritima* f. *serbica* (Pančić) Schultz, Bot. Jahrb. Syst. 32: 579 (1903).

= *C. maritima* subsp. *maglicensis* (Rohlena) Trinajstić, Suppl. Fl. Anal. Jugosl. 4: 8 (1976) ≡ *C. maritima* var. *maglicensis* Rohlena, Repert. Spec. Nov. Regni Veg. 3: 145 (1906).

Note – In the protologue, PANČIĆ (1874) had already correctly decided that it was most closely related to the (Sub)Mediterranean *Cardamine maritima* Port. ex DC. Since the beginning of 20th century this species has been either neglected or considered just a form of *C. maritima*. Only recently were several species (incl. *C. serbica* Pančić) separated within the complex *C. maritima* based on morphological and molecular studies (KUČERA *et al.* 2010). Until now, *C. serbica* Pančić has been recorded only in gorges and canyons of the southern part of the Drina river catchment in Serbia and Montenegro.

[*Cardamine serbica* Pančić ex Asch. & Kanitz, Cat. Cormoph. Serb.: 76 (1877), nom. inval. (nom. nud.)]. **5(3a)**

Note – See *Cardamine serbica* Pančić.

Carduus acanthoides var. *horridus* Pančić, Add. Fl. Princ. Serb.: 169 (1884). **4**

= *Carduus acanthoides* f. *polyacanthus* (Schreb.) Rchb., Icon. Fl. Germ. Helv. 15: 143 (1853) ≡ *C. polyacanthus* Schreb., Spic. Fl. Lips.: 15 (1771).

Carduus ramosissimus Pančić, Elench. Crna Gora 51: (1875). **1a**

[*Centaurea aurantiaca* Pančić, Elench. Crna Gora: 53 (1875), nom. inval. (pro syn. of *C. salonitana* var. *lanceolata* Vis.)]. **2b(6)**

[=] *C. salonitana* var. *lanceolata* Vis., Fl. Dalmat. 2: 36 (1847) ≡ *C. lanceolata* (Vis.) Hayek, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl., Math.-Nat. 70: 608 (1901), comb. illeg. (nom. superfl. for *C. nicolae* Bald.).

[=] *Centaurea nicolae* Bald., Malpighia 5: 75 (1891) ["*nicolai*"] (MCNEILL *et al.* 2012: Art. 60.12, Rec. 60.C1(a)).

Note – According to LOVRIĆ (2014) the current name is "*Centaurea lanceolata* (Vis.) Vuk. (1881)" (without full reference and pagination), but there is no such combination or name in VUKOTINOVIĆ (1881). Although *C. aurantiaca* Pančić actually belongs to the group of the names that were not proposed as new (next subchapter), it is included in this subchapter as, in case it was valid, the name would be currently accepted.

- Centaurea australis* Pančić ex A. Kern., Oesterr. Bot. Z. 22: 118 (1872). **1d**
[*C. paniculata* [stat. indet.] *australis* Pančić ex A. Kern., loc. cit., nom. inval. (pro syn. of *C. australis* Pančić ex A. Kern.)]
- ≡ *Centaurea stoebe* subsp. *australis* (Pančić ex A. Kern.) Greuter, Willdenowia 33(1): 56 (2003) ≡ *C. sublanata* subsp. *australis* (Pančić ex A. Kern.) Nyman, Consp. Fl. Eur.: 426 (1879) ≡ *C. stoebe* [subsp. *micranthos*] var. *australis* (Pančić ex A. Kern.) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 767 (1931) [Prodr. Fl. Penins. Balc. 2] ≡ *C. biebersteinii* subsp. *australis* (Pančić ex A. Kern.) Dostál, Bot. J. Linn. Soc. 71(3): 200 (1976).
- ≡ *C. biebersteinii* DC., Prodr. 6: 583 (1838) ≡ *C. maculosa* subsp. *biebersteinii* (DC.) Nyman, Consp. Fl. Eur.: 427 (1879) ≡ *Acosta biebersteinii* (DC.) Dostál, Folia Mus. Rerum Nat. Bohemiae Occid., Bot. 21: 13 (1984).
- ≡ *C. paniculata* var. *micranthos* Griseb., Spic. Fl. Rumel. 2: 239 (1846) ≡ *C. micranthos* (Griseb.) S. G. Gmel. ex Hayek, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 70: 676 (1901), comb. illeg. (syn. subst.) [non *C. micrantha* Hoffmanns. & Link, Fl. Portug. 2: 220 (1825)] ≡ *C. maculosa* subsp. *micranthos* (Griseb.) S. G. Gmel. ex Gugler, Ann. Hist.-Nat. Mus. Natl. Hung. 6: 167 (1907) ≡ *C. stoebe* subsp. *micranthos* (Griseb.) Hayek, Arh. Minist. Zeml. Darz. Imoti 4-5: 1187 (1925).
- ≡ *C. maculosa* f. *rhodopaea* Hayek & J. Wagner, Repert. Spec. Nov. Regni Veg. 12: 125 (1913) ≡ *C. biebersteinii* subsp. *rhodopaea* (Hayek & J. Wagner) Dostál, Bot. J. Linn. Soc. 71(3): 201 (1976).
- ≡ *C. radoslavoffii* Urum., Magyar Bot. Lapok 10: 65 (1911) ≡ *Acosta radoslavoffii* (Urum.) Holub, Preslia 46(3): 227 (1974) ≡ *C. biebersteinii* subsp. *radoslavoffii* (Urum.) Dostál, Bot. J. Linn. Soc. 71(3): 201 (1976).
- ≡ *C. maculosa* f. *rhodopaea* Hayek & J. Wagner, Repert. Spec. Nov. Regni Veg. 12: 125 (1913) ≡ *C. biebersteinii* subsp. *rhodopaea* (Hayek & J. Wagner) Dostál, Bot. J. Linn. Soc. 71(3): 201 (1976).
- *C. maculosa* f. *leptoloma* Pančić ex Nyman, Consp. Fl. Eur.: 426 (1879), nom. inval. (nom. nud.), **syn. nov.**
- Centaurea calvescens* Pančić, Fl. Serbiae: 442 (1874), in clavi. **4**
≡ *C. stoebe* subsp. *calvescens* (Pančić) Hayek, Arh. Minist. Zeml. Darz. Imoti 4-5: 1188 (1925) ≡ *Acosta calvescens* (Pančić) Holub, Folia Geobot. Phytotax. 7(3): 313 (1972).
- ≡ *Centaurea reichenbachii* DC., Prodr. 6: 583 (1838).
- ≡ *C. reichenbachiioides* Hayek, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 70: 667 (1901), nom. illeg. [non *C. reichenbachiioides* Schur, Enum. Pl. Transsilv.: 409 (1866)] ≡ *Acosta reichenbachiioides* (Hayek) Holub, Folia Geobot. Phytotax. 7(3): 314 (1972).
- ≡ *C. dacica* Borza, Bul. Inform. Grad. & Muz. Bot. Univ. Cluj 1: 23 (1921).
- “*C. paniculata*” sensu Pančić, Oesterr. Bot. Z. 17: 209 (1867) [non L., Sp. Pl. 2: 912 (1753)].
- Centaurea derventana* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 472, tab. 13 (1865). **1a**
≡ *Acosta derventana* (Pančić) Holub, Preslia 46: 226 (1974) ≡ *C. incompta* subsp. *derventana* (Vis. & Pančić) Dostál, Bot. J. Linn. Soc. 71(3): 198 (1976).
- [*Centaurea maculosa* f. *leptoloma* Pančić ex Nyman, Consp. Fl. Eur.: 426 (1879), nom. inval. (nom. nud.)]. **5(3a)**
Note – See *Centaurea australis* Pančić ex A. Kern.
- Centaurea melanocephala* Pančić, Fl. Serbiae: 443 (1874), in clavi. **1a**
≡ *C. ×melanocephala* Pančić (= *C. alpina* L. × *C. fritschii* Hayek), Magyar Bot. Lapok 10: 301 (1911), pro hybr. sensu Wagner.
- ≡ *C. orientalis* subsp. *stolensis* Pančić ex Nyman, Consp. Fl. Eur.: 428 (1879) [*C. stolensis* Pančić ex Wagner, Magyar Bot. Lapok 10: 301 (1911), nom. inval. (pro syn. of *C. ×melanocephala* Pančić, pro hybr. sensu Wagner)].
- ≡ *C. candelabrum* Hayek & Košanin, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 746 (1931) [Prodr. Fl. Penins. Balc. 2] ≡ *Colymbada candelabrum* (Hayek & Košanin) Holub, Folia Geobot. Phytotax. 7(3): 315 (1972).
- ≡ *C. albertii* Rexhepi, Fl. Srbije 10: 351 (1986), **syn. nov.**
- “*C. coriacea*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 555 (1856) [non Waldst. & Kit., Descr. Icon. Pl. Hung. 2: 214 (1805)].
- “*C. rigidifolia*” sensu Pančić, Oesterr. Bot. Z. 17: 209 (1867) [non Besser ex DC., Prodr. 6: 587 (1838)].
- Note** – According to morphology of phyllaries it may be concluded that this plant either belongs to the group *Centaurea scabiosa* or that it originated by crossing of representatives of that group and *C. calocephala* Willd. (= *C. atropurpurea* Waldst. & Kit., nom. illeg. [non Olivier]) (B. Zlatković pers. comm.). Although it might be of hybrid origin, this species is definitively not a hybrid, nor is it related to *C. finazzi* Adamović and *Rhaponticoides alpina* (L.) M. V. Agab. & Greuter (≡ *C. alpina* L.) (WAGENITZ 1981; WRABER 1993). This species is endemic to Central Serbia, Kosovo and North Albania, inhabiting mesophilous mountain grasslands on serpentinite. Conspecificity of *C. melanocephala* Pančić and *C. albertii* Rexhepi was first hinted at by WRABER (1993).
- Centaurea myriotoma* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 470, tab. 12 (1865). **4**
≡ *Centaurea triniifolia* Heuff., Oesterr. Bot. Z. 8: 27 (1858) ≡ *C. maculosa* subsp. *triniifolia* (Heuff.) Gugler,

- Ann. Hist.-Nat. Mus. Natl. Hung. 6: 165 (1907) ≡ *Acosta triniifolia* (Heuff.) Soják, Čas. Nár. Mus., Odd. Přír. 140(3-4): 134 (1972).
= *C. campylacme* Bornm., Beih. Bot. Centralbl., Abt. 2. 38(2): 459 (1921).
- Centaurea orientalis* var. *armata* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 556 (1856). **2b**
≡ *Centaurea chrysolepis* Vis., Mem. Reale Ist. Veneto Sci. 9: 172 (1860).
- Centaurea orientalis* subsp. *stolensis* Pančić ex Nyman, Consp. Fl. Eur.: 428 (1879). **5(3a)**
Note – See *Centaurea melanocephala* Pančić.
- Cephalaria alpina* subsp. *rupestris* Pančić ex Nyman, Consp. Fl. Eur.: 346 (1879). **2c**
= *Cephalaria pastricensis* Dörfler & Hayek, Oesterr. Bot. Z. 70: 19 (1921).
– *C. procera* Pančić ex Nyman, loc. cit., nom. inval. (pro syn. of *C. alpina* subsp. *rupestris* Pančić ex Nyman).
– “*C. alpina*” sensu Pančić, Fl. Serbiae: 386 (1874) [non Schrad. ex Roem. & Schult., Syst. Veg., ed. 15 bis 3: 43 (1818)].
- Cerastium petricola* Pančić, Glasn. Srpskog Učenog Društva 53: 180 (1883) [Elem. Fl. Bulg.: 20]. **1d**
≡ *Cerastium rectum* subsp. *petricola* (Pančić) H. Gartner, Repert. Spec. Nov. Regni Veg. Beih. 113: 38 (1939).
= *C. campanulatum* f. *ciliata* Formánek, Verh. Naturf. Vereins Brünn 38: 224 (1899).
- Cirsium heterotrichum* Pančić, Glasn. Srpskog Učenog Društva 53: 202 (1883) [Elem. Fl. Bulg.: 42]. **1a**
– *C. balcanum* Pančić ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 724 (1931) [Prodr. Fl. Penins. Balc. 2], nom. inval. (pro syn. of *C. heterotrichum* Pančić).
- Cirsium palustre* var. *longispinum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 557 (1856). **1a**
- Coronilla elegans* Pančić, Fl. Serbiae: 262 (1874), in clavi. **1b**
≡ *Securigera elegans* (Pančić) Lassen, Willdenowia 19(1): 60 (1989) ≡ *C. varia* var. *elegans* (Pančić) Callay, Cat. Pl. Ardennes 171 (1900); Beck in Rchb. et al., Icon. Fl. Germ. Helv. 22: 137 (1902).
= *C. varia* var. *latifolia* Hazsl., Magyarhon edényes növény.: fuv. kézik.: 58 (1872) ≡ *C. latifolia* (Hazsl.) Jáv., Magyar Fl. 641 (1924), in clavi ≡ *C. varia* subsp. *latifolia* (Hazsl.) Dostál, Kvetena ČSR, ed. 2: 791 (1950).
- Crypsis tenella* Pančić, Fl. Serbiae: 731 (1874), in adnot. **4**
= *Crypsis alopecuroides* (Piller & Mitterp.) Schrad., Fl. Germ. 1: 167 (1806) ≡ *Phleum alopecuroides* Piller & Mitterp., Iter Poseg. Sclavon.: 147, tab. 16 (1783) ≡ *Heleochloa alopecuroides* (Piller & Mitterp.) Host, Icon. Descr. Gram. Austriac. 1: 23 (1801).
- [*Delphinium uechtritzianum* Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 5 (1888), nom. inval. (nom. nud.)]. **5(3a)**
Note – See *Delphinium uechtritzianum* Pančić ex Huth.
- Delphinium uechtritzianum* Pančić ex Huth, Bot. Jahrb. Syst. 20(3): 378 (1895). **1b**
[*D. uechtritzianum* Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 5 (1888), nom. inval. (nom. nud.)].
≡ *Consolida uechtritziana* (Pančić ex Huth) Soó, Oesterr. Bot. Z. 71: 236 (1922).
- Dianthus ambiguus* Pančić, Fl. Serbiae: 178 (1874), in clavi. **4**
= *Dianthus cruentus* Griseb., Spic. Fl. Rumel. 1(2/3): 186 (1843).
- Dianthus cruentus* var. *micropetalus* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 501 (1856). **1a**
- Dianthus liliodorus* Pančić, Fl. Serbiae: 176 (1874), in adnot. **1c**
= *Dianthus petraeus* f. *liliodorus* (Pančić) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 252 (1924) [Prodr. Fl. Penins. Balc. 1].
- Dianthus moesiacus* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 17, tab. 19 (1870). **1a**
≡ *D. carthusianorum* var. *moesiacus* Williams, J. Linn. Soc., Bot. 29: 376 (1893).
= *D. burgasensis* Tutin, Feddes Repert. Spec. Nov. Regni Veg. 68: 192 (1963).
- Dianthus papillosus* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 10: 434, tab. 5 (1862), **syn. nov.** **4**
≡ *D. sylvestris* f. *papillosus* (Vis. & Pančić) Beck, Glasn. Zemaljsk. Muz. Bosni Hercegovini 21: 175 (1909) [Fl. Bosn. Hercegov. 2(5)].
= *Dianthus sylvestris* subsp. *longicaulis* (Ten.) Greuter & Burdet, Willdenowia 12: 187 (1982) ≡ *D. longicaulis* Ten., Cat. Hort. Neapol. 1813: 77 (1819).
- Eryngium palmatum* Pančić & Vis., Mem. Reale Ist. Veneto Sci. 15: 20, tab. 18 (1870). **1a**
– “*E. tricuspdatum*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 520 (1856) [non L., Demonstr. Pl.: 8 (1753)].
- Eryngium serbicum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 520, tab. 3 (1856). **1a**
– *E. digitatum* Pančić, op. cit. 6: 521 (1856), nom. inval. (pro syn. of *E. serbicum* Pančić).

- Erysimum chrysanthum* Pančić, Fl. Serbiae: 131 (1874), in clavi. **3a**
 = *Erysimum cuspidatum* (M. Bieb.) DC., Syst. Nat. 2: 493 (1821) ≡ *Cheiranthus cuspidatus* M. Bieb., Tabl. Prov. Mer Casp.: 116 (1798) ≡ *Syrenia cuspidata* Rchb., Fl. Germ. Excurs.: 689 (1832) ≡ *Syreniopsis cuspidata* (M. Bieb.) H. P. Fuchs, Acta Bot. Acad. Sci. Hung. 5: 52 (1959) ≡ *Acachmena cuspidata* (M. Bieb.) H. P. Fuchs, Taxon 9: 55 (1960).
 = *E. tetovense* Rohlena, Repert. Spec. Nov. Regni Veg. 42: 199 (1937).
- Erysimum commatum* Pančić, Fl. Serbiae: 131 (1874), in clavi. **1a**
 ≡ *E. helveticum* var. *commatum* (Pančić) Stoj. & Stef., Fl. Bulg., ed. 3: 523 (1948).
 = *E. banaticum* Griseb. ex Jáv., Magyar, Fl. 2: 439 (1924) ≡ *E. sylvestre* subsp. *banaticum* (Griseb. ex Jáv.) Borza, Bul. Grad. Bot. Univ. Cluj 26: 169 (1946).
 = *E. saxosum* Nyár., Bull. Sci. Acad. Reipubl. Popul. Roman., Sect. Sci. Biol. 7(2): 238 (1955).
- [*Euphorbia fragifera* var. *inermis* Pančić ex Nyman, Consp. Fl. Eur.: 648 (1881), nom. inval. (nom. nud.)].
5(3a)
Note – See *Euphorbia inermis* Pančić ex Boiss.
- Euphorbia inermis* Pančić ex Boiss. in DC., Prodr. 15(2, 2): 1266 (1866), nom. illeg. [non Mill., Gard. Dict., ed. 8: no. 13 (1768)]. **4**
 [E. *fragifera* var. *inermis* Pančić ex Nyman, Consp. Fl. Eur.: 648 (1881), nom. inval. (nom. nud.), **syn. nov.**].
 = *Euphorbia glabriflora* Vis. in Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 477 (1865) ≡ *E. pubescens* var. *glabriflora* (Vis.) Nyman, Consp. Fl. Eur.: 649 (1881) ≡ *Tithymalus glabriflorus* (Vis.) Soják, Čas. Nár. Mus., Odd. Přír. 140(3-4): 172 (1972).
 – “*E. fragifera*” sensu Pančić in Vis. & Pančić, loc. cit. [non Jan ex Link, Enum. Hort. Berol. Alt. 2: 16 (1822)], (pro syn. of *E. glabriflora*).
- [*Euphorbia procera* var. *leiocarpa* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 494 (1856), nom. inval. (nom. nud.)]. **3a**
 [=] *Euphorbia illirica* Lam., Encycl. 2: 435 (1788) ≡ *E. pilosa* var. *illirica* (Lam.) Nyman, Consp. Fl. Eur.: 650 (1881).
 [=] *E. villosa* Waldst. & Kit. ex Willd., Sp. Pl., ed. 4, 2(2): 909 (1799) ≡ *E. pilosa* var. *villosa* (Waldst. & Kit. ex Willd.) Nyman, Consp. Fl. Eur.: 650 (1881) ≡ *E. pilosa* subsp. *villosa* (Waldst. & Kit. ex Willd.) Nyman, Consp. Fl. Eur. Suppl. 2: 275 (1890).
- Euphorbia subhastata* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 10: 444, tab. 7 (1862). **1a**
 ≡ *E. agraria* var. *subhastata* Griseb ex Asch. & Kanitz, Cat. Cormoph. Serb.: 92 (1877).
- Note** – The taxonomic status of this Balkan endemic is still uncertain. Although since Pančić’s time this taxon is regarded as a variety of *Euphorbia agraria* L., it should be noted that the primary part of its range is in gorges and canyons of the Eastern Illyrian floristic subprovince, with specific ecological conditions and a high recorded number of endemorelics. Further research is necessary to determine if this is really a good species and if the populations in the primary part of the range are different from those in Republic of Macedonia and Bulgaria.
- [*Filago germanica* var. *flavescens* Pančić, Glasn. Srpskog Učenog Društva 198: 46 (1883) [Elem. Fl. Bulg.: 38], nom. inval. (nom. nud.), nom. dub.]. **3b**
Note – Its taxonomic status is doubtful.
- [*Galeopsis tetrahit* var. *parviflora* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 542 (1856), nom. inval. (nom. nud.), nom. dub.]. **3b**
Note – Its taxonomic status is doubtful.
- Genista macrotropis* Pančić, Oesterr. Bot. Z. 20: 175 (1870), in adnot. **4**
 = *Genista germanica* f. *inermis* Koch in Röhl., Deutschl. Fl., ed. 3, 5: 86 (1839).
- Genista subcapitata* Pančić, Fl. Serbiae: 224 (1874), in clavi. **1a**
 ≡ *G. sericea* f. *subcapitata* (Pančić) Pamp., Nuovo Giorn. Bot. Ital. 19(3): 328 (1912).
 = *G. sericea* f. *serbica* Pamp., op. cit.: 332 (1912); Hayek, loc. cit.
 – “*G. involucrata*” sensu Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 912 (1926) [Prodr. Fl. Penins. Balc. 1] [non Spach, Ann. Sci. Nat., Bot., sér. 3, 3: 120 (1845)]; auct.
- Geranium fasciculatum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 492 (1856). **4**
 = *Geranium asphodeloides* Burm. fil., Spec. Bot. Geran.: 28 (1759).
- Geranium oreades* Pančić, Elench. Crna Gora: 17 (1875). **4**
 = *Geranium caeruleatum* Schur, Enum. Pl. Transsilv.: 136 (1866).
- Geum bulgaricum* Pančić, Glasn. Srpskog Učenog Društva 53: 186 (1883) [Elem. Fl. Bulg.: 26]. **1a**
- Geum molle* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 10: 429, tab. 1 (1862). **1a**
 ≡ *G. aleppicum* subsp. *molle* (Vis. & Pančić) Asch. & Graebn., Syn. Mitteleur. Fl. 6(1): 880 (1905).
 = *G. gasparrinii* Pignatti, Arch. Bot. (Forlì) 34: 12 (1958).

- Gypsophila spergulifolia* f. *albanica* Pančić in Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 15, tab. 20 (1870). **4**
= *Gypsophila spergulifolia* Griseb. f. *spergulifolia*, autonym.
- Gypsophila spergulifolia* f. *serbica* Pančić in Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 15 (1870). **1a**
- Haplophyllum boisserianum* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 14, tab. 20 (1870). **1a**
≡ *Ruta boisseriana* (Vis. & Pančić) K. Malý ex Asch. & Graebn., Syn. Mitteleur. Fl. 7: 251 (1915).
- Heliosperma macranthum* Pančić, Elench. Crna Gora: 11 (1875). **1a**
≡ *Silene macrantha* H. Neumayer ex Hayek, Kaiserl. Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 94: 143 (1918).
Note – For some time the taxonomists have been divided on whether representatives of the genus *Heliosperma* (Reichenb.) Reichenb. should be added to the much broader genus *Silene* L. (GREUTER *et al.* 1984) or whether their status should remain unchanged. At the beginning of this century it was shown that Pančić's nomenclature treatment was correct (FRAJMAN & RABELER 2006), while the genus *Heliosperma* would represent an isolated clade within the tribe Sileneae (FRAJMAN & OXELMAN 2007; FRAJMAN *et al.* 2009). The cited studies have also proven that from the phylogenetic standpoint *H. macranthum* Pančić is completely distinct from all other taxa in this genus and that this plant is most probably of ancient origin.
- Heliosperma monachorum* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 463, tab. 8 (1865). **1d**
≡ *Heliosperma pusillum* subsp. *monachorum* (Vis. & Pančić) Niketić & Stevan., Arh. Biol. Nauka 59 (4): 393 (2007) ≡ *Silene monachorum* Vis. & Pančić in Pančić, Fl. Serbiae: 168 (1874), in clavi [*S. monachorum* Vis. in Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 463 (1865), nom. inval. (pro syn. of *H. monachorum* Vis. & Pančić)] ≡ *S. quadridentata* subsp. *monachorum* H. Neumayer in Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 265 (1924) [Prodr. Fl. Penins. Balc. 1] ≡ *S. pusilla* subsp. *monachorum* (Vis. & Pančić) Slavnić in Josifović, Fl. Srbije 2: 236 (1970).
= *Silene pusilla* subsp. *tymphaea* Greuter, Willdenowia 25(1): 132 (1995).
= *Silene quadridentata* f. *biloba* Novák, Preslia 5: 95 (1927).
Note – Phylogenetic studies have clearly shown that this subspecies belongs to the eastern clade of the group *Heliosperma pusillum* (Waldst. & Kit.) Rchb. (FRAJMAN & OXELMAN 2007).
- Heracleum verticillatum* Pančić, Add. Fl. Princ. Serb.: 157 (1884). **1a**
= *H. sphondylium* subsp. *verticillatum* (Pančić) Brummitt, Feddes Repert. 79: 65 (1968).
– “*H. pubescens*” sensu Pančić, Glasn. Srpskog Učenog Društva 53: 194 (1883) [Elem. Fl. Bulg.: 34] [non M. Bieb., Fl. Taur.-Caucas. Suppl.: 225 (1819)].
Note – This species is clearly distinguished from *Heracleum sphondylium* L. Taxonomic revision of the Balkan species is necessary.
- Hesperis inodora* var. *albiflora* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 507 (1856), **syn. nov.** **4**
≡ *H. sylvestris* f. *albiflora* (Pančić) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 415 (1925) [Prodr. Fl. Penins. Balc. 1].
= *Hesperis dinarica* Beck, Jahreskat. Wiener Bot. Tauschvereins: 6 (1894).
- Hieracium balkanum* Uechtr. ex Pančić, Glasn. Srpskog Učenog Društva 53: 206 (1883) [Elem. Fl. Bulg.: 46]. **1a**
≡ *H. djimilense* subsp. *balkanum* (Pančić) Zahn in Engl., Pflanzenr. 79: 1057 (1922).
Note – According to ZAHN (1922) and recent authors, this taxon belongs to *H. djimilense* Boiss. & Balansa. However, in the protologue PANČIĆ (1883) correctly noted that it is closely related to *H. schmidtii* Tausch.
- [*Hieracium crinitum* var. *ciliolum* Pančić ex Nyman, Consp. Fl. Eur.: 442 (1879), nom. inval. (nom. nud.).] **3b**
[=] *Hieracium crinitum* Sm., Fl. Graec. Prodr. 2(1): 134 (1813).
- [*Hieracium kernerianum* Pančić ex Adamović, Medit. Elem. Serb. Fl.: 378 (1899) [non Zahn, Magyar Bot. Lapok 5: 71 (1906)], nom. inval. (nom. nud.), nom. dub.]. **3b**
Note – Its taxonomic status is doubtful.
- Hieracium marmoreum* Pančić & Vis., Mem. Reale Ist. Veneto Sci. 12: 468, tab. 11 (1865). **1a**
– “*H. lanatum*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 561 (1856) [non Vill., Prosp. Hist. Pl. Dauphiné: 35 (1779)].
- Hieracium myriocephalum* Pančić, Elench. Crna Gora: 61 (1875). **4**
= *Hieracium prenanthoides* Vill., Prosp. Hist. Pl. Dauphiné: 35 (1779).
- Hieracium naegelianum* Pančić, Elench. Crna Gora: 57 (1875). **1a**
= *H. undulatum* Boiss., Fl. Orient. 3: 867 (1875), nom. illeg. [non Aiton, Hort. Kew. 3: 124 (1789)].
– *H. auriculiforme* Pančić & Vis. in Vis., Mem. Reale Ist. Veneto Sci. 21: 534 (1882), nom. inval. (pro syn. of *H. naegelianum* Pančić).

Hieracium pallidum subsp. *vranjanum* Pančić ex Zahn in Engl., Pflanzenr. 75: 226 (1921). **1b**

[*H. vranjanum* Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 42 (1888), nom. inval. (nom. nud.).]

≡ *H. scmidtii* subsp. *vranjanum* (Pančić ex Zahn) Greuter, Willdenowia 37: 173 (2007).

Hieracium schultziaenum Pančić & Vis., Mem. Reale Ist. Veneto Sci. 15: 9, tab. 18 (1870). **1a**

≡ *H. sparsum* subsp. *schultziaenum* (Pančić & Vis.) Zahn in Engl., Pflanzenr. 79: 1020 (1922).

– *H. pancicii* Sch. Bip. ex Vis. & Pančić, op. cit.: 10, nom. inval. (pro syn. of *H. schultziaenum* Pančić & Vis.).

– “*H. cernuum*” sensu Pančić, Fl. Serbiae: 470 (1874), in clavi et adnot. [non Friv., Magyar Tud. Társ. Évk. 4: 204 (1840)].

– “*H. pallescens*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 561 (1856) [non Waldst. & Kit., Descr. Icon. Pl. Hung. 3: 241, tab. 217 (1808-1809)].

Hieracium thapsoides Pančić, Elench. Crna Gora: 59 (1875), nom. illeg. [non Arv.-Touv., Monogr. Pilosella & Hieracium: 33 (1873)]. **2a**

= *Hieracium baldaccianum* Freyn ex Bald., Malpighia 6: 113 (1892) ≡ *H. waldsteinii* subsp. *baldaccianum* Zahn in Engl., Pflanzenr. 76: 574 (1921).

= *H. waldsteinii* subsp. *sublanifolium* Zahn in Rchb. et al., Icon. Fl. Germ. Helv. 19(2): 111 (1907).

[*Hieracium vranjanum* Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 42 (1888), nom. inval. (nom. nud.).] **5(3a)**

Note – See *Hieracium pallidum* subsp. *vranjanum* Pančić ex Zahn.

Iris serbica Pančić, Fl. Agri Belgr.: 243 (1865), in clavi et adnot. **4**

= *Iris reichenbachii* Heuffel, Oesterr. Bot. Z. 8: 28 (1858)

≡ *I. virescens* subsp. *reichenbachii* (Heuff.) Nyman., Consp. Fl. Eur.: 701 (1882).

[*Jurinea subalata* Pančić, Fl. Serbiae: 438 (1874), in adnot. (nom. seminud.).] **5(2c)**

Note – See *Jurinea subhastata* Pančić.

Jurinea subhastata Pančić, Add. Fl. Princ. Serb.: 169 (1884). **1b**

= *Jurinea mollis* subsp. *subhastata* (Pančić) Diklić & Nikolić, Anales Jard. Bot. Madrid 37: 597 (1981)

[*J. subalata* Pančić, Fl. Serbiae: 438 (1874), in adnot. (nom. seminud.).]

Note – The epithet “*subhastata*” was obviously written in error. The older name (*Jurinea subalata* Pančić) is consistent with the description and would be appropriate, but it is not completely valid. Additional studies are necessary to determine the actual subspecific status of the taxon.

Knautia lyrophylla (Pančić) Pančić, Fl. Serbiae: 388 (1874), in clavi. **5(1d)**

Note – See *Knautia macedonica* var. *lyrophylla* Pančić.

Knautia macedonica var. *lilascens* Pančić, Glasn. Srpskog Učenog Društva 53: 196 (1883) [Elem. Fl. Bulg.: 37]. **1d**

≡ *Knautia macedonica* f. *lilascens* (Pančić) Borbás, Rev. Knaut.: 56 (1904) ≡ *K. macedonica* var. *lilascens* (Pančić) Stoj. & Stef., Fl. Bulg.: 1072 (1925).

= *K. atrorubens* Janka ex D. Brândză, Prodr. Fl. Romane: 257 (1881).

= *K. serbica* Formánek, Verh. Naturf. Vereins Brünn 34: 308 (1896).

= *Trichera arvensis* f. *microcephala* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl.: 456 (1887).

= *T. arvensis* var. *purpurea* Grecescu, Consp. Fl. Romaniei: 281 (1898).

Knautia macedonica var. *lyrophylla* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 547 (1856). **1a**

≡ *Scabiosa macedonica* var. *lyrophylla* (Pančić) Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 11, tab. 19 (1870)

≡ *Knautia lyrophylla* (Pančić) Pančić, Fl. Serbiae: 388 (1874), in clavi. ≡ *S. macedonica* var. *lyrata* (Pančić)

Vis. & Pančić, op. cit.: 12 (1870), comb. illeg. (nom. superfl. for *S. macedonica* var. *lyrophylla* (Pančić) Vis. & Pančić) ≡ *Trichera macedonica* var. *lyrata* (Pančić)

Nyman, Consp. Fl. Eur.: 701 (1879) ≡ *K. macedonica* f. *lyrophylla* (Pančić) Borbás, Rev. Knaut.: 56 (1904) ≡ *K. macedonica* f. *lyrata* Hayek, Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 99: 196 (1924).

= *K. macedonica* var. *perpurpurans* Borbás, Term. Kozl. 29: 378 (1897).

Knautia magnifica var. *flavescens* Pančić, Glasn. Srpskog Učenog Društva 53: 197 (1883) [Elem. Fl. Bulg.: 37]. **1a**

≡ *K. midzorensis* f. *flavescens* (Pančić) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 505 (1930) [Prodr. Fl. Penins. Balc. 2].

= *K. magnifica* var. *lutescens* Szabó, Bot. Jahrb. Syst. 36: 442 (1905) [*K. magnifica* var. *lutescens* Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 14 (1888), nom. inval. (nom. nud.)] ≡ *K. midzorensis* f. *lutescens* (Szabó)

Szabó, Magyar Bot. Lapok 9(1-2): 23 (1910).

= *K. longifolia* var. *aurea* Szabó, Bot. Jahrb. Syst. 36: 441 (1905).

= *K. midzorensis* f. *luteola* Szabó, Math. Term. Közlem. 31(1): 317 (1911).

Note – Although soon after Pančić’s time this taxon was transferred to *Knautia midzorensis* Formánek, the most recent molecular studies (REŠETNIK *et al.* 2014) have shown that *K. midzorensis* is actually conspecific with *K. magnifica* Griseb.

[*Knautia magnifica* var. *lutescens* Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 14 (1888), nom. inval. (nom. nud.)]. **5(3a)**

Note – See *Knautia magnifica* var. *flavescens* Pančić.

Koeleria eriostachya Pančić, Verh. Zool.-Bot. Vereins Wien 6: 591 (1856). **1a**

≡ *K. carniolica* [stat. indet.] *eriostachya* Richter, Pl. Eur. 1: 76 (1890) ≡ *K. cristata* [stat. indet.] *eriostachya* Posp., Fl. Oesterr. Küstenl.: 526 (1897) ≡ *K. pyramidata* subsp. *eriostachya* (Pančić) Schinz & R. Keller in Hegi, Ill. Fl. Mitt.-Eur., ed. 2, 1: 381 (1935).

= *K. carniolica* A. Kern., Oesterr. Bot. Z. 17: 7 (1867).

– “*K. grandiflora*” sensu Pančić, Fl. Serbiae: 388 (1874), in clavi [non Bertol. ex Schult, Mant. 2: 345 (1824)].

Note – PANČIĆ (1874) made a temporary rebuttal of his discovery (PANČIĆ 1856), claiming that this was actually *Koeleria grandiflora* Bertol. ex Schult. However, in the Addendum to Flora he already made the correct decision that, instead of the western *K. grandiflora*, it belonged to the eastern species *K. eriostachya* Pančić which is distributed in Serbia (PANČIĆ 1884).

Koeleria grandiflora var. *subaristata* Pančić, Elench. Crna Gora: 97 (1875). **4**

≡ *K. subaristata* (Pančić) Domin, Biblioth. Bot. 65: 165 (1907).

= ***Koeleria lobata*** (M. Bieb.) Roem. & Schult., Syst. Veg., ed. 15 bis 2: 620 (1817) ≡ *Dactylis lobata* M. Bieb., Fl. Taur.-Caucas. 1: 67 (1808).

– “*K. vallesiana*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 591 (1856) [“*valesiaca*”] [non (Honck.) Gaudin, Alpina 3: 47 (1808)].

– “*K. splendens*” sensu auct. [non C. Presl, Cyper. Gram. Sicul.: 34 (1820)].

Lactucopsis altissima (M. Bieb.) Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 6 (1870). **5(4)**

≡ *Lactuca altissima* M. Bieb., Fl. Taur.-Caucas. 2: 242 (1808) [*Prenanthes altissima* Pall., Reise 3: 655 (1776), nom. inval. (nom. nud.)].

= ***Lactuca quercina*** var. ***integrifolia*** (Bogenh.) Bisch, Beitr. Fl. Deutschl.: 206 (1851) ≡ *Lactuca stricta* var. *integrifolia* Bogenh., Taschenb. Fl. Jena: 269 (1850).

= *Lactuca chaixii* Vill., Prosp. Hist. Pl. Dauphiné: 32 (1779) ≡ *Lactucopsis chaixii* (Vill.) Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 6 (1870) ≡ *Lactuca quercina* subsp. *chaixii* (Vill.) Čelak., Prodr. Fl. Böhmen: 208 (1871) ≡ *Lactuca quercina* L. var. *chaixii* (Vill.) Guin. & Vilmorin, Fl. France 4: 1559 (1982), comb. inval. (MCNEILL *et al.* 2012: Art. 41.1).

Lactucopsis aurea Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 7 (1870). **1b**

≡ ***Lactuca aurea*** (Sch. Bip. ex Vis. & Pančić) Stebbins, J.

Bot. 75: 14 (1937).

= ***Mulgedium sonchifolium*** Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 5, tab. 17 (1870) [non *Lactuca sonchifolia* Willd., Sp. Pl., ed. 4, 3(3): 1530 (1803)] ≡ *Lactuca visianii* Bornm., Mitth. Thüring. Bot. Vereins 20: 29 (1905) [syn. subst. *Mulgedium sonchifolium* Vis. & Pančić] ≡ *Cicerbita sonchifolia* Beauverd, Bull. Soc. Bot. Genève Ser. 2, 2: 130 (1910).

= *Mycelis sonchifolia* (Vis. & Pančić) Hayek, Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 99: 211 (1924).

– “*Lactuca sonchifolia*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 547 (1856) [non Willd., Sp. Pl., ed. 4, 3(3): 1530 (1803)].

Lactucopsis brevirostris Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 6 (1870). **2b**

≡ *Lactuca brevirostris* (Sch. Bip. ex Vis. & Pančić) Boiss., Fl. Orient. 3: 817 (1875), comb. illeg. (syn. subst.) [non Champ. ex Benth., Hooker’s J. Bot. Kew Gard. Misc. 4: 237 (1852)] ≡ *Cicerbita brevirostris* (Sch. Bip. ex Vis. & Pančić) C. Jeffrey, Notes Roy. Bot. Gard. Edinburgh 33(3): 429 (1975).

= ***Lactuca fenzlii*** N. Kilian & Greuter, Willdenowia 33(2): 234 (2003) [*Lactuca brevirostris* Fenzl in Kotschy, Reise Cilic. Taur. 384 (1858), nom. inval. (nom. nud.)].

Note – This is one of the two plants described by Pančić from the Asian continent (Anatolia), but in an indirect way, citing Carl Heinrich ‘Bipontinus’ Schultz as the author of this species. Unfortunately this name is presently not in use, as on transfer to the genus *Lactuca* L. it was a homonym (BOISSIER 1875).

Lactucopsis chaixii (Vill.) Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 6 (1870). **5(4)**

≡ *Lactuca chaixii* Vill., Prosp. Hist. Pl. Dauphiné: 32 (1779) ≡ *Lactuca quercina* subsp. *chaixii* (Vill.) Čelak., Prodr. Fl. Böhmen: 208 (1871) ≡ *Lactuca quercina* L. var. *chaixii* (Vill.) Guin. & Vilmorin, Fl. France 4: 1559 (1982), comb. inval. (MCNEILL *et al.* 2012: Art. 41.1).

= ***Lactuca quercina*** var. ***integrifolia*** (Bogenh.) Bisch, Beitr. Fl. Deutschl.: 206 (1851) ≡ *Lactuca stricta* var. *integrifolia* Bogenh., Taschenb. Fl. Jena: 269 (1850).

= *Lactucopsis altissima* (M. Bieb.) Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 6 (1870).

Lactucopsis mulgedioides Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 7 (1870). **1b**

≡ ***Lactuca mulgedioides*** (Sch. Bip. ex Vis. & Pančić) Boiss. & Kotschy in Boiss., Fl. Orient. 3: 815 (1875).

Note – This is the only one currently accepted plant described from the Asian continent (Anatolia, Lebanon), citing Carl Heinrich ‘Bipontinus’ Schultz as the author of this species. On transfer to the genus *Lactuca* L. this name was used as a basionym.

- Lactucopsis quercina* (L.) Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 7 (1870). **5(4)**
 ≡ *Lactuca quercina* L., Sp. Pl.: 795 (1753).
- Lactucopsis plumieri* (L.) Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 7 (1870). **5(4)**
 ≡ *Lactuca plumieri* (L.) Gren. & Godr., Fl. France 2: 322 (1850) ≡ *Sonchus plumieri* L., Syst. Nat., ed. 10, 2: 1192 (1759) ≡ *Mulgedium plumieri* DC., Prodr. 7(1): 248 (1838) ≡ *Cicerbita plumieri* (L.) Kirschl., Fl. Alsace 1: 401 (1852).
- Lactucopsis wilhelmsiana* (Fisch. & C. A. Mey. ex DC.) Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 6 (1870). **5(4)**
 ≡ *Lactuca quercina* subsp. *wilhelmsiana* (Fisch. & C. A. Mey. ex DC.) Feráková, Folia Geobot. Phytotax. 5: 420 (1970) ≡ *Lactuca wilhelmsiana* Fisch. & C. A. Mey. ex DC., Prodr. 7(1): 134 (1838).
- Lasiagrostis calamagrostis* var. *colorata* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 597 (1856). **5(1b)**
 ≡ *Achnatherum calamagrostis* var. *colorata* (Pančić) Niketić, **comb. nova** ≡ *L. calamagrostis* var. *panicicii* Adamović, Magyar Bot. Lapok 3: 137 (1903), nom. illeg. (nom. superfl. for *L. calamagrostis* var. *colorata* Pančić).
 – *L. colorata* Pančić, Verh. K. K. Zool.-Bot. Ges. Wien 9: 146 (1859), nom. inval. (nom. nud.).
- [*Lasiagrostis colorata* Pančić, Verh. K. K. Zool.-Bot. Ges. Wien 9: 146 (1859), nom. inval. (nom. nud.)]. **5(3a)**
Note – See *Lasiagrostis calamagrostis* var. *colorata* Pančić.
- Lathyrus binatus* Pančić, Fl. Serbiae: 256 (1874), in adnot. **1a**
 ≡ *L. pratensis* var. *binatus* (Pančić) Asch. & Kanitz, Cat. Cormoph. Serb.: 106 (1877).
 = *L. pratensis* var. *acirrhosus* Beck, Ann. K. K. Naturhist. Hofmus. Wien 10: 79 (1896).
- Lavatera muricata* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 497 (1856). **4**
 ≡ *L. ambigua* f. *muricata* (Pančić) Beck, Glasn. Zemaljsk. Muz. Bosni Hercegovini 30: 211 (1919) [Fl. Bosn. Hercegov. 2(8)].
 = *Malva thuringiaca* subsp. *ambigua* (DC.) Valdés, Willdenowia 41: 319 (2011) ≡ *L. ambigua* DC., Prodr. 1: 440 (1824).
- Linaria rubioides* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 473, tab. 15 (1865). **1a**
 ≡ *L. concolor* var. *rubioides* (Vis. & Pančić) K. Malý in Dörfler, Herb. Norm. Sched. Cent. 49-50: 297 (1908) ≡ *L. concolor* f. *rubioides* (Vis. & Pančić) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30: 140 (1929) [Prodr. Fl. Penins. Balc. 2].
- “*L. concolor*” sensu Velen., Fl. Bulg.: 426 (1891) [non Griseb. Spic. Fl. Rumel. 2: 21 (1844)]; auct.
 – “*L. genistifolia* subsp. *sofiana*” sensu Chater, Valdés & Webb in Tutin & al., Fl. Eur. 3: 230, 355 (1972) [non (Velen.) Chater & D. A. Webb, Bot. J. Linn. Soc. 65(2): 264 (1972)].
 – “*L. genistifolia* subsp. *linifolia*” sensu P. H. Davis, Fl. Turkey 6: 660 (1978), p.p. min. (“Ic: Stoj. & Stef., Fl. Bulg.: 996 (1925), as *L. concolor*”), [non (Boiss.) P. H. Davis, loc. cit.].
 – “*L. sofiana*” sensu P. H. Davis, Fl. Turkey 6: 658 (1978) [non Velen. Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1887: 453 (1888)].
- Note** – Based on the more recent morphological, nomenclatural and phytogeographical data, this species was separated from *Linaria genistifolia* (L.) Mill. and divided into two subspecies (NIKETIĆ & TOMOVIĆ 2008). The type subspecies grows mostly on serpentinites of western Serbia and eastern Bosnia, while *L. rubioides* subsp. *nissana* (Petrović) Niketić & Tomović is characteristic for limestone areas in eastern Serbia and western Bulgaria.
- Malcolmia serbica* Pančić, Fl. Serbiae: 129 (1874). **1d**
 ≡ *Malcolmia orsiniana* subsp. *serbica* (Pančić) Greuter & Burdet, Willdenowia 13: 94 (1983) ≡ *Wilckia serbica* (Pančić) Halácsy, Oesterr. Bot. Z. 45: 174 (1895) ≡ *M. maritima* var. *serbica* (Pančić) G. Beck, Glasn. Zemaljsk. Muz. Bosni Hercegovini 28: 103 (1916) [Fl. Bosn. Hercegov. 2(7)].
 = *M. panicicii* Adamović, Oesterr. Bot. Z. 42: 405 (1892) ≡ *Wilckia panicicii* (Adamović) Halácsy, Oesterr. Bot. Z. 45: 174 (1895) [*W. serbica* var. *illyrica* [“*Wilckia illyrica*”] Halácsy, op. cit.: 175 (1895), nom. inval. (pro syn. of *W. panicicii* (Adamović) Halácsy)] ≡ *M. illyrica* Hayek, Kaiserl. Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 94: 150 (1918) ≡ *M. serbica* var. *panicicii* Janch., Oesterr. Bot. Z. 68: 167 (1919).
 – *M. bassarana* Petrović ex Fritsch, Verh. K. K. Zool.-Bot. Ges. Wien 45: 376 (1895), nom. inval. (pro syn. of *Wilckia panicicii* (Adamović) Halácsy).
- Medicago orbicularis* var. *hebecarpa* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 479 (1856). **4**
 = *Medicago orbicularis* f. *pilosa* Benth., Cat. Pl. Pyrenees: 101 (1826).
- Mentha aquatica* var. *clinopodifolia* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 539 (1856). **4**
 = *Mentha aquatica* f. *pyrifolia* Heinr. Braun, Verh. K. K. Zool.-Bot. Ges. Wien 40: 398 (1890).
- Micromeria piperella* Pančić ex Nyman, Consp. Fl. Eur.: 591 (1881), nom. illeg. [non Benth., Labiat. Gen. Spec.: 379 (1834)]. **4**

- = *Micromeria croatica* (Pers.) Schott., Oesterr. Bot. Wochenbl. 7: 93 (1857) ≡ *Thymus croaticus* Pers., Syn. Pl. 2: 130 (1806).
- = *Satureja croatica* var. *panciciana* Briq., Lab. Alp. Mar. 3: 427 (1895) ≡ *M. croatica* var. *panciciana* (Briq.) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 321 (1929) [Prodr. Fl. Penins. Balc. 2].
- Note** – According to BRÄUCHLER *et al.* (2008).
- Moehringia radiolata* Pančić, Fl. Serbiae: 183 (1874), in clavi. **4**
- = *Moehringia trinervia* (L.) Clairv., Man. Herbor. Suisse 150 (1811) ≡ *Arenaria trinervia* L., Sp. Pl.: 423 (1753).
- Mulgedium sonchifolium* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 5, tab. 17 (1870). **5(2a)**
- Note** – See *Lactucopsis aurea* Sch. Bip. ex Vis. & Pančić.
- Muscari botryoides* var. *bifolium* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 579 (1856). **1a**
- Oenanthe meoides* Pančić, Glasn. Srpskog Učenog Društva 53: 192 (1883) [Elem. Fl. Bulg.: 32]. **4**
- = *Oenanthe peucedanifolia* Pollich, Hist. Pl. Palat. 1: 289 (1776).
- = *O. stenoloba* Schur, Enum. Pl. Transsilv.: 255 (1866).
- Orchis maculata* var. *ochrantha* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 575 (1856). **2b**
- ≡ *O. ochrantha* (Pančić) H. Fleischm, Mitt. Naturwiss. Vereins Steiermark 55: 176 (1909).
- = *Dactylorhiza maculata* subsp. *transsilvanica* (Schur) Soó, Nom. Nov. Gen. Dactylorhiza 7 (1962)
- ≡ *O. transsilvanica* Schur, Verh. Mitth. Siebenbürg. Vereins Naturwiss. Hermannstadt 4: 72 (1853) ≡ *D. transsilvanica* (Schur) Aver., Bot. Zhurn. (Moscow & Leningrad) 67(3): 309 (1982) ≡ *D. maculata* var. *transsilvanica* (Schur) P. Delforge, Naturalistes Belges 81(4): 397 (2000).
- Orobanchae cruenta* var. *adusta* Pančić, Elench. Crna Gora 72: (1875). **1d**
- ≡ *Orobanchae reticulata* [var. *pallidiflora*] f. *adusta* (Pančić) Beck, Bibl. Bot. 19: 220 (1890).
- Orobanchae echinopis* Pančić, Oesterr. Bot. Z. 18: 80 (1868). **4**
- ≡ *O. salviae* subsp. *echinopis* (Pančić) Nyman, Consp. Fl. Eur.: 560 (1881).
- = *Orobanchae kochii* F. W. Schultz, Flora 30: 66 (1847).
- “*O. elatior*” sensu auct. [non Sutton, Trans. Linn. Soc. London 4: 178 (1798)].
- “*O. major*” sensu auct. [non L., Sp. Pl.: 632 (1753), nom. rej.].
- Note** – According to ZÁZVORKA (2010).
- Orobanchae esulae* Pančić, Add. Fl. Princ. Serb.: 194 (1884). **1a**
- Note** – It is interesting to note that after Pančić, *Euphorbia esula* L. has never been found in the area of *Orobanchae esulae* Pančić. The only known host is actually *E. seguierana* subsp. *niciana* (Borbás ex Novák) Rech. f. (“*E. gerardiana* Jacq.” sensu Pančić).
- Orobous pubescens* Pančić, Add. Fl. Princ. Serb.: 136 (1884), nom. illeg. [non Alef., Bonplandia 9: 143 (1861)]. **2a**
- ≡ *Lathyrus pancicii* (Jurišić) Adamović, Prosv. Glasn. 22(9): 1246 (1901) ≡ *Orobous pancicii* Jurišić, Prosv. Glasn. 22(5): 619 (1901).
- Parietaria serbica* Pančić, Fl. Serbiae: 620 (1874), in clavi. **1a**
- ≡ *P. lusitanica* subsp. *serbica* (Pančić) P. W. Ball., Feddes Repert. Spec. Nov. Regni Veg. 68: 186 (1963).
- “*P. chersonensis*” sensu Grecescu, Consp. Fl. Romaniaei: 518 (1898) [non (Láng & Szov.) Dörf., Herb. Norm. Sched. Cent.: No. 3581 (1898)].
- “*P. lusitanica* var. *chersonensis*” sensu Stoj. & Stef., Fl. Bulg.: 328 (1925) [non Láng & Szov, Flora 10(1/3): 67 (1827)].
- Note** – Although since the mid-20th century it has been cited as a subspecies of *Parietaria lusitanica* L. (BALL 1964), it is properly considered as a separate species in the Atlas Florae Europaeae (JALAS & SUOMINEN 1976).
- Pastinaca hirsuta* Pančić, Fl. Princ. Serbiae: 359 (1874). **1a**
- Pedicularis heterodonta* Pančić, Add. Fl. Princ. Serb.: 196 (1884), in clavi. **1a**
- ≡ *P. campestris* subsp. *heterodonta* (Pančić) Nyman, Consp. Fl. Eur.: 554 (1879) ≡ *P. brachyodonta* var. *heterodonta* K. Malý, Bull. Inst. Jard. Bot. Univ. Belgrade 2(1-2): 98 (1932).
- Note** – Additional studies are necessary to determine the actual specific status of this taxon.
- Pedicularis orbelica* Janka ex Pančić, Glasn. Srpskog Učenog Društva 66: 137 (1886) [Nov. elem. Fl. Princ. Bulg.: 41]. **4**
- = *Pedicularis orthantha* Griseb., Spic. Fl. Rumel. 2(4): 15 (1844).
- Phyteuma orbiculare* var. *cordatum* Pančić, Elench. Crna Gora: 62 (1875). **2b**
- ≡ *Phyteuma xpancicii* Rohlena (= *P. orbiculare* L. × *P. pseudorbiculare* Pant.), Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1912(1): 83 (1913).
- [*Phyteuma halleri* subsp. *sublyratum* Pančić ex Nyman, Consp. Fl. Eur.: 484 (1879) (nom. seminud.)]. **3a**
- [=] *Phyteuma spicatum* L., Sp. Pl. 1: 171 (1753).

- Picridium macrophyllum* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 3, tab. 16 (1870). **5(2b)**
Note – See *Reichardia macrophylla* Vis. & Pančić.
- Pinus omorika* Pančić, Neu. Conif. Alp.: 4 (1876); Gard. Chron. 1: 620 (1877). **1b**
 ≡ *Picea omorika* (Pančić) Purk., Österr. Monatschr. Forstwes. 27: 446 (1877).
- Poa alpina* var. *orbelica* Pančić, Glasn. Srpskog Učenog Društva 66: 144 (1886) [Nov. elem. fl. Princ. Bulg.: 15]. **4**
 = *Poa media* Schur, Verh. Mitth. Siebenbürg. Vereins Naturwiss. Hermannstadt 4: 87 (1853).
 = *P. ursina* Velen., Abh. Königl. Böhm. Ges. Wiss. ser. 7, 1: 45 (1886).
- Potentilla lejocarpa* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 10: 431, tab. 2 (1862). **4**
 = *Potentilla chrysantha* subsp. *amphibola* (Schur) Soják, Preslia 65: 128 (1993) ≡ *P. amphibola* Schur, Enum. Pl. Transsilv.: 198 (1866).
- Potentilla micrantha* var. *rosea* Pančić, Add. Fl. Princ. Serb.: 139 (1884). **1d**
 ≡ *Potentilla micrantha* f. *rosea* (Pančić) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 674 (1926) [Prodr. Fl. Penins. Balc. 1].
- Potentilla mollis* Pančić, Add. Fl. Princ. Serb.: 139 (1884). **1b**
 [*P. mollis* Pančić ex Nyman, Consp. Fl. Eur.: 223 (1879), nom. inval. (nom. nud.)].
 ≡ *Drymocallis mollis* (Pančić) Soják, Bot. Jahrb. Syst. 127(3): 357 (2008) ≡ *P. rupestris* var. *mollis* (Pančić) Asch. & Graebn., Syn. Mitteleur. Fl. 6(1): 697 (1904) ≡ *D. rupestris* subsp. *mollis* (Pančić) Soják, Ann. Naturhist. Mus. Wien, B 112: 325 (2011).
 = *P. malacophylla* Borbás, Oesterr. Bot. Z. 36: 293 (1886), nom. illeg. (nom. superfl. for *P. mollis* Pančić) ≡ *D. malacophylla* (Borbás) Kurtto, Ann. Bot. Fenn. 40(2): 138 (2003), nom. illeg. (nom. superfl. for *P. mollis* Pančić).
- [*Potentilla mollis* Pančić ex Nyman, Consp. Fl. Eur.: 223 (1879), nom. inval. (nom. nud.)]. **5(3a)**
Note – See *Potentilla mollis* Pančić.
- Potentilla visianii* Pančić in Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 480 (1865). **1a**
 = *P. pimpinelloides* var. *visianii* (Pančić) Asch. & Graebn., Syn. Mitteleur. Fl. 6(1): 741 (1904) ≡ *P. pimpinelloides* subsp. *visianii* (Pančić) Th. Wolf, Biblioth. Bot. 71: 325 (1908).
 – “*P. pimpinelloides*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 487 (1856) [non L., Sp. Pl. 1: 497 (1753)].
- “*P. poteriifolia*” sensu Vis in Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 10: 433 (1862) [non Boiss., Diagn. Pl. Orient. 6: 50 (1846)].
- Pteroneurum carnosum* var. *polyphylla* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 508 (1856). **5(2b)**
Note – See *Cardamine kopaonikensis* Pančić.
- [*Quercus pallida* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 570 (1856), in adnot. [non Blume, Bijdr. Fl. Ned. Ind. 10: 524 (1826)], nom. inval. (pro syn. of *Q. conglomerata* Pers.)]. **2a(6)**
 [=] *Quercus xtabajdiana* Simonk. (= *Q. petraea* (Matt.) Liebl. × *Q. frainetto* Ten.), Erdész. Lapok 25: 567 (1886).
 [=] *Q. pancicii* K. Malý ex Asch. & Graebn., Syn. Mitteleur. Fl. 4: 527 (1911).
 [-] “*Q. conglomerata*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 508 (1856) [non Pers. Syn. Pl. 2(2): 570 (1807)].
 [-] “*Q. toza*” sensu Pančić, Glasn. Srpskog Učenog Društva 30: 255 (1871) [Šumsko drveće i šiblje u Srbiji] [non Bastard, Essai Fl. Maine-et-Loire: 346 (1809)].
Note – In Pančić’s first paper (PANČIĆ 1856) this name was cited as a synonym for *Quercus conglomerata* Pers. (= *Q. pubescens* Willd.). Karlo Malý later named it in honor of Pančić, *Quercus pancicii* K. Malý. However, this hybrid was already described under the name *Quercus xtabajdiana* Simonk. It is interesting to note that it was never mentioned for the flora of Serbia after Pančić, although there are some specimens in *Herbarium Pancicianum* (BEOU) from the vicinity of Kragujevac and Belgrade. Although *Q. pallida* Pančić actually belongs to the group of the names that were not proposed as new (next subchapter), it is included in this subchapter as, in case it was valid, the name would be currently accepted.
- Quercus sessiliflora* var. *flavescens* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 571 (1856). **1d**
 ≡ *Quercus petraea* f. *flavescens* (Pančić) Asch. & Graebn., Syn. Mitteleur. Fl. 4: 513 (1911).
- Ramonda* [“*Ramondia*”] *nathaliae* Pančić & Petrović in Petrović, Fl. Agr. Nyss.: 574 (1882). **1a**
Note – The name *Ramonda* Rich. 1805 is conserved (LANJOUW *et al.* 1966: 308) against its earlier name *Ramondia* Mirb. 1801 (Pteridophyta).
- Ramonda* [“*Ramondia*”] *serbica* Pančić, Fl. Serbiae: 498 (1874). **1a**
 – “*Haberlea rhodopensis*” sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 534 (1856) [non Friv., Magyar Tud. Tars. Evkon. 2: 249 (1835)].

- Reichardia macrophylla** Vis. & Pančić in Pančić, Fl. Serbiae: 460 (1874). **1a**
 = *Picridium macrophyllum* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 3, tab. 16 (1870).
 – *P. macrogaranum* Pančić ex Nyman, Consp. Fl. Eur.: 554 (1879), nom. inval. (pro syn. of *P. macrophyllum* Vis. & Pančić).
Note – This species was officially published on two independent occasions. First it was named *Picridium macrophyllum* Vis. & Pančić, and the West Asian *Picridium dichotomum* DC. (≡ *Reichardia dichotoma* (DC.) Freyn) was listed as the most similar species (VISIANI & PANČIĆ 1870). Although the authors presented clear differential characters between the Balkan and West Asian species, *R. macrophylla* Vis. & Pančić was neglected for a long time, and in more recent times it was even considered a synonym with *R. dichotoma* (EURO+MED 2011).
- Rosa belgradensis* Pančić, Fl. Agri Belgr.: 130 (1865), in clavi. **4**
 = ***Rosa canina*** L., Sp. Pl. 1: 491 (1753) ≡ *Crepinia canina* (L.) Gand., Rad Jugoslav. Akad. Znan. 66: 140 (1883).
- Rosa slancensis* Pančić, Fl. Agri Belgr., ed. 3: 257 (1882), in clavi. **4**
 = ***Rosa canina*** L., Sp. Pl. 1: 491 (1753) ≡ *Crepinia canina* (L.) Gand., Rad Jugoslav. Akad. Znan. 66: 140 (1883).
- Saxifraga aizoon* var. *intacta* (Willd.) Pančić, Verh. Zool.-Bot. Vereins Wien 6: 519 (1856). **5(4)**
 ≡ *S. intacta* Willd., Enum. Pl. 1: 459 (1809).
 = ***Saxifraga paniculata*** Mill., Gard. Dict., ed. 8: no. 3 (1768).
- Saxifraga aizoon* var. *racemulosa* Pančić, Glasn. Srpskog Učenog Društva 53: 190 (1883) [Elem. Fl. Bulg.: 30]. **4**
 = ***Saxifraga paniculata*** Mill., Gard. Dict., ed. 8: no. 3 (1768).
- Saxifraga thyrsoflora* Pančić, Add. Fl. Princ. Serb.: 153 (1884), in adnot. **4**
 = ***Saxifraga paniculata*** Mill., Gard. Dict., ed. 8: no. 3 (1768).
- Scabiosa achaeta*** Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 465, tab. 9 (1865). **1a**
Note – This species was cited as extinct from the biosphere (VUKOJIĆIĆ 1999). As the material present in *Herbarium Pancicianum* (BEOU) is scarce, it is difficult to decide if this is a good species or just a form of *Scabiosa fumarioides* Vis. & Pančić or some other species.
- Scabiosa fumariifolia* Vis. & Pančić, Fl. Serbiae: 390 (1874), in clavi. **5(4)**
Note – See *Scabiosa fumarioides* Vis. & Pančić.
- Scabiosa fumarioides*** Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 12: 466, tab. 10 (1865). **1a**
 = *S. fumariifolia* Vis. & Pančić, Fl. Serbiae: 390 (1874), in clavi.
- Scabiosa macedonica* var. *indivisa* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 12 (1870). **4**
 ≡ *Knautia macedonica* var. *indivisa* (Vis. & Pančić) Mayer & Diklić in Josifović, Pančićev Zborn.: 12 (1967).
 = ***Knautia macedonica*** Griseb. var. *macedonica*, autonym.
- Scabiosa macedonica* var. *lyrata* (Pančić) Vis. & Pančić, op. cit.: 12 (1870), comb. illeg. (nom. superfl. for *S. macedonica* var. *lyrophylla* (Pančić) Vis. & Pančić). **5(4)**
Note – See *Knautia macedonica* var. *lyrophylla* Pančić.
- Scabiosa macedonica* var. *lyrophylla* (Pančić) Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 11, tab. 19 (1870). **5(4)**
Note – See *Knautia macedonica* var. *lyrophylla* Pančić.
- Scabiosa triniifolia*** var. *setigera* Pančić, Glasn. Srpskog Učenog Društva 53: 197 (1883) [Elem. Fl. Bulg.: 37]. **1a**
- Scorzonera hispanica* var. *longifolia* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 558 (1856). **4**
 = ***Scorzonera hispanica*** subsp. *asphodeloides* (Wallr.) Arcang., Comp. Fl. Ital.: 421 (1882). ≡ *S. hispanica* var. *asphodeloides* Wallr., Annus Bot.: 95 (1815).
- [*Sempervivum ciliosum* Pančić ex Adamović, Vegetationsverh. Balkanlander: 83 (1909), nom. inval. (nom. nud.)]. **2c**
 [=] ***Sempervivum ciliosum*** Craib, Bull. Misc. Inform. Kew 1914(10): 379 (1914) ≡ *S. borisii* var. *ciliosum* (Craib) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 621 (1925) [Prodr. Fl. Penins. Balc. 1].
 [=] *S. borisii* Degen & Urum., Magyar Bot. Lapok 13: 176 (1915) ≡ *S. ciliosum* subsp. *borisii* (Degen & Urum.) Köhlein, Freiland Sukkulanten: 97 (1977) ≡ *S. ciliosum* f. *borisii* (Degen & Urum.) Jacobsen in Jacobsen & Rowley, Natl. Cact. Succ. J. 13(4): 77 (1958). ≡ *S. ciliosum* var. *borisii* (Degen & Urum.) Ingw., Gen. Sempervivum: 7 (1943).
 [=] *S. wulfenii* var. *skorpilii* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1902: 5 (1902).
 [=] *S. jakucsii* Péntzes, Ann. Hist.-Nat. Mus. Natl. Hung. 57: 169, tab. 2 (1965).
 [–] “*S. wulfenii*” sensu Velen., Fl. Bulg.: 188 (1891) [non Mert. & W. D. J. Koch in Röhl., Deutschl. Fl., ed. 3, 3: 386 (1831)].

[*Sempervivum cinerascens* Pančić ex Adamović, Vegetationsverh. Balkanlander: 83 (1909), nom. inval. (nom. nud.). **3a**

[=] *Sempervivum marmoreum* var. *erythraeum* (Velen.) Niketić, **comb. in stat. nov.** [Stoj., Stef. & Kitan., Fl. Bulg., ed. 4: 504 (1966), comb. inval. (McNEILL *et al.* 2012: Art. 41.1)] ≡ *S. erythraeum* Velen., Fl. Bulg. Suppl. 1: 111 (1898) ≡ *S. montanum* var. *erythraeum* (Velen.), Stoj. & Stef., Fl. Bulg.: 545 (1925) ≡ *S. schlechanii* var. *erythraeum* (Velen.), Stoj. & Stef., Fl. Bulg., ed. 3: 547 (1948) ≡ *S. marmoreum* subsp. *erythraeum* (Velen.) Zonn., Succulenta (Netherlands) 78(2): 92 (1999).

[=] *S. tectorum* subsp. *reginae-amaliae* Maire & Petitm., Matér. Étude Fl. Géogr. Bot. Orient 4: 86 (1908) ≡ *S. marmoreum* subsp. *reginae-amaliae* (Maire & Petitm.) Zonn., Succulenta (Netherlands) 78(2): 92 (1999) [*S. reginae-amaliae* Heldr. & Sarnth. ex Boiss., Fl. Orient. 2: 796 (1872), nom. inval. (nom. nud.); "*S. reginae-amaliae*" ["Heldr. & Guicc."] sensu Halácsy, Consp. Fl. Graec. 1: 580 (1901) [non *S. reginae-amaliae* Heldr. ex Pančić, Oesterr. Bot. Z. 17: 173 (1867), nom. inval. (nom. nud.); nec *S. reginae-amaliae* Heldr. & Sart. ex Baker, Gard. Chron. ser. 2, 8(191): 230 (1877)]]].

[=] *S. assimile* sensu Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 239 (1894) [non Schott, Oesterr. Bot. Wochenbl. 3: 19 (1853)].

Sempervivum kopaonikense Pančić, Oesterr. Bot. Z. 17: 173 (1867). **4**

≡ *S. heuffelii* f. *kopaonikense* (Pančić) H. F. R. Miller, Quart. Bull. Alpine Gard. Soc. Gr. Brit. 3(4/22): 284 (1935) ≡ *S. heuffelii* var. *kopaonikense* (Pančić) H. Huber ex H. Jacobsen, Handbuch der sukkulenten Pflanzen 2 (1954) ≡ *Jovibarba heuffelii* var. *kopaonikensis* (Pančić) H. Müssel, *Sempervivum und Jovibarba, Versuch einer systematischen Darstellung*: 18 (1977).

= *Sempervivum heuffelii* Schott, Oesterr. Bot. Wochenbl. 2: 18 (1852) ≡ *Diopogon heuffelii* (Schott) Jord. & Fourr., Brev. Pl. Nov. 2: 47 (1868) ≡ *S. patens* var. *heuffelii* (Schott) Hort. ex Fraser & Hemsley, Johnson's Gard. Dict., ed. 2: 795 (1910) ≡ *Jovibarba heuffelii* (Schott) Á. Löve & D. Löve, Bot. Not. 114: 39 (1961).

= *S. reginae-amaliae* Heldr. & Sart. ex Baker, Gard. Chron. ser. 2, 8(191): 230 (1877) [*S. reginae-amaliae* Heldr. ex Pančić, Oesterr. Bot. Z. 17: 173 (1867), nom. inval. (nom. nud.) [non *S. reginae-amaliae* Heldr. & Sart. ex Boiss., Fl. Orient. 2: 796 (1872), nom. inval. (nom. nud.); nec "*S. reginae-amaliae*" ["Heldr. & Guicc."] sensu Halácsy, Consp. Fl. Graec. 1: 580 (1901)]]].

– "*S. soboliferum*" sensu Pančić, Verh. Zool.-Bot. Vereins Wien 6: 479 (1856) [non Sims, Bot. Mag. 35: tab. 1457 (1812)].

Sempervivum leucanthum Pančić, Glasn. Srpskog Učenog Društva 53: 190 (1883) [Elem. Fl. Bulg.: 30]. **1a**

[*Sempervivum reginae-amaliae* Heldr. ex Pančić, Oesterr. Bot. Z. 17: 173 (1867), nom. inval. (nom. nud.)]. **5(3a)**

Note – See *Sempervivum kopaonikense* Pančić.

Senecio erubescens Pančić, Glasn. Srpskog Učenog Društva 53: 201 (1883) [Elem. Fl. Bulg.: 41], nom. illeg. [non Aiton, Hort. Kew. 3: 190 (1789)]. **2a**

≡ *Jacobaea panicicii* (Degen) Vladimir. & Raab-Straube in Greuter & Raab-Straube, Med-Checkl. 2: 502 (2008) ≡ *Senecio panicicii* Degen, Magyar Bot. Lapok 1: 92 (1902).

– "*J. arnautorum*" sensu Pelser, Compositae Newslett. 44: 5 (2006) [non (Velen.) Pelser, loc. cit.].

[*Setaria viridis* var. *minor* Pančić, Verh. K. K. Zool.-Bot. Ges. Wien 9: 145 (1859), nom. inval. (nom. nud.), nom. dub.]. **3b**

Note – Its taxonomic status is doubtful.

Silene moehringiifolia Uechtr. ex Pančić, Add. Fl. Princ. Serb.: 118 (1884). **1d**

≡ *Heliosperma pusillum* subsp. *moehringiifolium* (Uechtr. ex Pančić) Niketić & Stevan., Arh. Biol. Nauka 59(4): 392 (2007) ≡ *Silene quadridentata* subsp. *moehringiifolia* (Uechtr. ex Pančić) H. Neumayer in Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 266 (1924) [Prodr. Fl. Penins. Balc. 1] ≡ *S. pusilla* subsp. *moehringiifolia* (Uechtr. ex Pančić) Slavnić in Josifović, Fl. Srbije 2: 236 (1970), comb. inval. (McNEILL *et al.* 2012: Art. 41.1).

Note – Phylogenetic studies have clearly shown that this subspecies belongs to the eastern clade of the group *Heliosperma pusillum* (Waldst. & Kit.) Rchb. (FRAJMAN & OXELMAN 2007, sub *H. pusillum*).

Silene monachorum Vis. & Pančić in Pančić, Fl. Serbiae: 168 (1874), in clavi. **5(4)**

Note – See *Heliosperma monachorum* Vis. & Pančić.

Silene pseudonutans Pančić, Add. Fl. Princ. Serb.: 116 (1884). **4**

= *Silene gigantea* subsp. *rhodopea* (Janka) Greuter, Willdenowia 25(1): 115 (199) ≡ *S. rhodopea* Janka, Természetrázi Fü. 2: 28 (1878).

= *S. italica* var. *incana* Griseb., Spic. Fl. Rumel. 1: 173 (1843) ≡ *S. gigantea* var. *incana* (Griseb.) Chowdhuri, Notes Roy. Bot. Gard. Edinburgh 22(4): 254 (1957).

= *S. gigantea* var. *viridescens* Boiss., Fl. Orient. 1: 646 (1867).

Sonchus pallescens Pančić, Elench. Crna Gora: 55 (1875). **4**
= *Sonchus oleraceus* L., Sp. Pl. 2: 794 (1753).

- Stachys anisochila*** Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 13, tab. 20 (1870). **1a**
 ≡ *S. recta* subsp. *anisochila* (Vis. & Pančić) Stoj. & Stef., Fl. Bulg., ed. 3: 967 (1948).
 = *S. sendtneri* Beck, Annal. Naturh. Hofmus. Wien 2: 144, tab. 4 (1887) ≡ *S. anisochila* var. *sendtneri* (Beck) Nyman, Consp. Fl. Eur. Suppl. 2: 252 (1890).
- [*Stachys arenaria* Pančić, Fl. Serbiae: 565 (1874), in adnot. [non Vahl, Symb. Bot. 2: 64 (1791)], nom. inval. (nom. nud.)]. **3a**
 [=] ***Stachys recta*** L., Mant. Pl. 1: 82 (1767) ≡ *Betonica recta* Baill., Iconogr. Fl. Franç.: tab. 208 (1895) ≡ *Prasium stachys* E. H. L. Krause in Sturm, Deutschl. Fl., ed. 2, 11: 116 (1903) ≡ *Ortostachys recta* Fourr., Ann. Soc. Linn. Lyon sér. 2, 17: 136 (1869).
- [*Stachys chrysophaea* Pančić, Fl. Serbiae: 565 (1874), in adnot., nom. inval. (nom. nud.)]. **2c**
 [=] *S. recta* [subsp. *baldaccii*] var. *chrysophaea* Hayek, Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 99: 183 (1924).
 [=] ***Stachys zepcensis*** Formánek, Oesterr. Bot. Z. 38: 383 (1888) ≡ *S. anisochila* subsp. *zepcensis* (Formánek) Vandas, Reliq. Forman.: 469 (1909) ≡ *S. labiosa* var. *zepcensis* K. Malý, Verh. K. K. Zool.-Bot. Ges. Wien 54: 246 (1904).
Note—This taxon belongs to the very complicated complex *Stachys recta*. Its present status is only suggested. According to morphology it may be concluded that it is most closely related to the submediterranean species *S. baldaccii* (K. Malý) Hand.-Mazz. & Janch. *S. zepcensis* is mostly distributed at serpentinite terrains of western Serbia and Bosnia.
- Stachys recta*** var. ***glabrescens*** Pančić, Verh. Zool.-Bot. Vereins Wien 6: 543 (1856), nom. dub. **1a**
Note—Its taxonomic status is doubtful.
- Stachys recta* var. *ramosissima* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 543 (1856), nom. illeg. [non Griseb. in Griseb. & Schenk, Arch. Naturgesch. (Berlin) 18: 342 (1852)], **syn. nov.** **4**
 = ***Stachys recta*** L., Mant. Pl. 1: 82 (1767) ≡ *Betonica recta* Baill., Iconogr. Fl. Franç.: tab. 208 (1895) ≡ *Prasium stachys* E. H. L. Krause, Deutschl. Fl., ed. 2, 11: 116 (1903) ≡ *Ortostachys recta* Fourr., Ann. Soc. Linn. Lyon sér. 2, 17: 136 (1869).
- Stachys serbica*** Pančić, Fl. Serbiae: 564 (1874), in clavi. **1a**
- Stipa cerariorum* Pančić, Add. Fl. Princ. Serb.: 235 (1884), in clavi. **4**
 = ***Stipa tirsia*** Steven, Bull. Soc. Imp. Naturalistes Moscou 30(2): 115 (1857) ≡ *S. pennata* var. *tirsia* (Steven) Čelak, Oesterr. Bot. Z. 34: 320 (1884) ≡ *S. pennata* subsp. *tirsia* (Steven) K. Richt., Pl. Eur. 1: 32 (1890).
- Syringa vulgaris* var. *albiflora* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 536 (1856), **syn. nov.** **4**
 = ***Syringa vulgaris*** var. ***alba*** Weston, Bot. Univ. 1: 289 (1770).
- Thlaspi avalanum* Pančić, Fl. Agri Belgr.: 92 (1865), in adnot. **4**
 = ***Thlaspi kovatsii*** Heuff., Flora 36: 624 (1853) ≡ *Noccaea kovatsii* (Heuff.) F. K. Mey, Feddes Repert. 84(5-6): 461 (1973).
 – “*T. elegans*” sensu Pančić, Fl. Agri Belgr.: 92 (1865) [non Boiss., Diagn. Pl. Orient. 5: 82 (1844)].
 – “*T. cochleariforme*” sensu Pančić, Fl. Princ. Serb.: 152 (1874) [non DC, Syst. Nat. 2: 381 (1821)].
Note—In “Flora kneževine Srbije” PANČIĆ (1874) ignored *Thlaspi avalanum* Pančić.
- Tragopogon pterodes*** Pančić ex Petrović, Fl. Agr. Nyss.: 523 (1882), in clavi. **1a**
- Trifolium trichopterum*** Pančić, Verh. Zool.-Bot. Vereins Wien 6: 480 (1856). **1a**
- Trigonella striata* var. *monantha* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 481 (1856). **5(4)**
 = ***Medicago medicaginoidea*** (Retz.) E. Small, Willdenowia 16(2): 434 (1987) ≡ *Lotus medicaginoidea* Retz., Observ. Bot. 2: 23 (1781).
- Triticum glaucum* f. *aristatum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 588 (1856), nom. illeg. [non *T. glaucum* var. *aristatum* Sadler, Fl. Comit. Pest., ed. 2: 45 (1840)]. **4**
 = ***Elytrigia intermedia*** (Host) Nevski, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 1: 14 (1933) ≡ *Triticum intermedium* Host, Icon. Descr. Gram. Austriac. 3: 23 (1805) ≡ *Trichopyrum intermedium* (Host) Á. Löve, Veröff. Geobot. Inst. Rübel Zürich 87: 49 (1986).
- Triticum glaucum* f. *pilosum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 588 (1856). **5(4)**
Note—See *Triticum glaucum* f. *aristatum* Pančić.
- Triticum glaucum* f. *virescens* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 588 (1856). **5(4)**
Note—See *Triticum virescens* (Pančić) Pančić.
- Triticum petraeum* Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 10: 446, tab. 5 (1862). **4**
 = ***Elymus panormitanus*** (Parl.) Tzvelev, Sched. Herb. Fl. URSS 18: 27 (1970) ≡ *Agropyron panormitanum* Parl., Pl. Rar. Sicil. 2: 20 (1840) ≡ *Triticum panormitanum* (Parl.) Bertol., Fl. Ital. 4: 780 (1841) ≡ *Roegneria panormitana* (Bertol.) Nevski in Komarov, Fl. URSS 2: 612 (1934).

- Triticum repens* var. *sabulicolum* Pančić, Fl. Serbiae: 769 (1874), in adnot. **4**
= *Elytrigia repens* (L.) Nevski, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 1: 14 (1933) ≡ *Triticum repens* L., Sp. Pl.: 86 (1753) ≡ *Agropyron repens* P. Beauv., Ess. Agrostogr.: 102 (1812) ≡ *Elymus repens* (L.) Gould, Madroño 9: 127 (1947).
- Triticum virescens* (Pančić) Pančić, Fl. Agri Belgr.: 272 (1865), in clavi et adnot. **4**
= *Elytrigia intermedia* (Host) Nevski, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 1: 14 (1933) ≡ *Triticum intermedium* Host, Icon. Descr. Gram. Austriac. 3: 23 (1805) ≡ *Trichopyrum intermedium* (Host) Á. Löve, Veröff. Geobot. Inst. Rübél Zürich 87: 49 (1986).
- Valeriana bertiscea* Pančić, Elench. Crna Gora: 42 (1875). **1a**
= *V. heyderi* Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 38: 757 (1888).
- Verbascum heteropogon* Pančić, Fl. Serbiae 518: (1874), in clavi. **4**
= *Verbascum eriophorum* Godr., Mém. Sect. Sci. Acad. Sci. Montpellier 1: 440 (1853).
- Verbascum jankaeaeum* Pančić, Glasn. Srpskog Učenog Društva 66: 135 (1886) [Nov. elem. fl. Princ. Bulg.: 32]. **1a**
≡ *V. graecum* var. *jankaeaeum* (Pančić) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 122 (1929) [Prodr. Fl. Penins. Balc. 2].
- Verbascum leptocladum* Pančić, Elench. Crna Gora: 69 (1875), nom. illeg. [non Boiss. & Heldr., Diagn. Pl. Orient. 12: 10 (1853)]. **4**
= *Verbascum glabratum* subsp. *brandzae* (Franch. ex D. Brândză) Murb., Acta Univ. Lund., 2. 29(2): 445 (1933) ≡ *V. brandzae* Franch. ex D. Brândză, Prodr. Fl. Romane: 347 (1883).
= *Verbascum panicii* Rohlena, Sitz. Boehm. Ges. Wiss. 1902: 101 (1902), nom. illeg. [non Bornm., Oesterr. Bot. Z. 38: 267 (1888), pro hybr.] ≡ *V. rohlenae* K. Malý, Glasn. Zemaljsk. Muz. Bosni Hercegovini 20: 557 (1908).
- Verbascum ×pannoso-nigrum* Pančić (= *V. pannosum* Vis. × *V. nigrum* L.), Oesterr. Bot. Z. 20: 176 (1870), in adnot. **1a**
- Veronica verna* var. *integrifolia* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 530 (1856). **1a**
- Viola declinata* var. *prolixa* Pančić ex Adamović, Allg. Bot. Z. Syst. 5(7-8): 114 (1899). **5(4)**
Note – See *Viola prolixa* (Pančić ex Adamović) Pančić ex Becker.
- [*Viola kopaonikensis* Pančić, Srpska Kralj. Bot. Bašta Beograd 1887: 10 (1888), nom. inval. (nom. nud.)]. **2c**
[-] *Viola kopaonikensis* Pančić ex Tomović & Niketić, nom. propos., in prep.
[-] “*V. saxatilis* subsp. *aetolica*” sensu Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 516 (1925) [Prodr. Fl. Penins. Balc. 1] [non (Boiss. & Heldr.) Hayek, loc. cit.].
Note – HAYEK (1925) treated this plant as current *V. aetolica* Boiss. & Heldr., but according to TOMOVIĆ *et al.* (2006) this is a separate species, presumably closely related to *V. elegantula* Schott. It grows on serpentinite mountains of central and southwestern Serbia.
- Viola odorata* var. *albiflora* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 505 (1856). **1c**
≡ *Viola odorata* f. *albiflora* (Pančić) Niketić, **stat. nov.**
= *V. odorata* f. *albiflora* Neuman, Sver. Fl.: 268 (1901), nom. illeg. [non *V. odorata* var. *albiflora* Pančić, loc. cit.] (MCNEILL *et al.* 2012: Art. 53.4).
- Viola orbelica* Pančić, Glasn. Srpskog Učenog Društva 53: 176 (1883) [Elem. Fl. Bulg.: 16]. **1a**
≡ *V. saxatilis* [subsp. *macedonica*] f. *orbelica* (Pančić) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 517 (1925) [Prodr. Fl. Penins. Balc. 1] ≡ *V. alpestris* f. *orbelica* (Pančić) Becker, Beih. Bot. Centralbl., Abt. 2. 21(2): 345 (1910).
- Viola prolixa* (Pančić ex Adamović) Pančić ex Becker, Beih. Bot. Centralbl., Abt. 2. 18(2): 383 (1905), comb. illeg. (nom. superfl. for *V. dacica* Borbás). **4**
≡ *V. declinata* var. *prolixa* Pančić ex Adamović, Allg. Bot. Z. Syst. 5(7-8): 114 (1899) [*V. prolixa* Pančić ex Velen, Fl. Bulg.: 53 (1891), nom. inval. (pro syn. of *V. declinata* Waldst. & Kit.) [non *V. prolixa* Pančić ex Becker, Beih. Bot. Centralbl., Abt. 2. 26(2-3): 332 (1910), nom. inval. (pro syn. of *V. orphanidis* Boiss.)]].
= *Viola dacica* Borbás, Magyar Növényt. Lapok 13: 79 (1890).
Note – The authors of the first three names cited Pančić (Becker 1905; Velenovský 1891; Adamović 1899), and compared this plant with *Viola declinata* Waldst. & Kit., but they did not mention any original Pančić material. However, Becker claimed later that one exsiccate in Grisebach’s herbarium (GOET) actually belongs to *V. orphanidis* Boiss. (“leg. Pančić 1873 subnom. *V. prolixa* nov. sp.”). New taxonomic and nomenclatural studies are necessary to clarify the relationship among *V. prolixa* (Pančić ex Adamović) Pančić ex Becker and similar *V. polyodonta* Becker, *V. orphanidis* Boiss. and *V. dacica* Borbás (G. Tomović, pers. comm.).
- Waldsteinia geoides* var. *obtusiloba* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 487 (1856). **1a**

List of the names that were not proposed as new (merely cited as synonyms)

- [*Allium vaginatum* Pančić ex Boiss., Fl. Orient. 5(1): 266 (1882), nom. inval. (pro syn. of *A. cupani* Raf.)]. 6
[=] *Allium cupani* Raf., Caratt. Nuov. Gen.: 86 (1810).
- [*Althaea kragujevacensis* Pančić, Fl. Serbiae: 200 (1874), in clavi, nom. inval. (pro syn. of *A. taurinensis* DC., in introduct.)]. 6
Note – See *Althaea kragujevacensis* Pančić ex Diklić & Stevan.
- [*Astragalus serbicus* Pančić ex Boiss., Fl. Orient. 2: 268 (1872), nom. inval. (pro syn. of *A. glycyphylloides* DC.)]. 6
Note – See *Astragalus glycyphylloides* var. *serbicus* Pančić ex Beck.
- [*Cardamine glauca* var. *microphylla* Pančić ex Fritsch, Verh. K. K. Zool.-Bot. Ges. Wien 44: 323 (1895), nom. inval. (pro syn. of *C. glauca*)]. 6
Note – See *Cardamine kopaonikensis* Pančić.
- [*Centaurea paniculata* [stat. indet.] *australis* Pančić ex A. Kern., Oesterr. Bot. Z. 22: 118 (1872), nom. inval. (pro syn. of *C. australis* Pančić ex A. Kern.)]. 6
Note – See *Centaurea australis* Pančić ex A. Kern.
- [*Centaurea aurantiaca* Pančić, Elench. Crna Gora: 53 (1875), nom. inval. (pro syn. of *C. salonitana* var. *lanceolata* Vis.)]. 6(2b)
Note – See previous subchapter.
- [*Centaurea stolensis* Pančić ex Wagner, Magyar Bot. Lapok 10: 301 (1911), nom. inval. (pro syn. of *C. ×melanocephala* Pančić, pro hybr. sensu Wagner)]. 6
Note – See *Centaurea melanocephala* Pančić.
- [*Cephalaria procera* Pančić ex Nyman, Consp. Fl. Eur.: 346 (1879), nom. inval. (pro syn. of *C. alpina* subsp. *rupestris* Pančić ex Nyman)]. 6
Note – See *Cephalaria alpina* subsp. *rupestris* Pančić ex Nyman.
- [*Cirsium balcanum* Pančić ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 724 (1931) [Prodr. Fl. Penins. Balc. 2], nom. inval. (pro syn. of *C. heterotrichum* Pančić)]. 6
Note – See *Cirsium heterotrichum* Pančić.
- [*Daucus arenicola* Pančić ex Boiss., Fl. Orient. 2: 1075 (1872), nom. inval. (pro syn. of *D. setulosus* Guss. ex DC.)]. 6
[=] *Daucus guttatus* Sm., Fl. Graec. Prodr. 1(1): 184 (1879).
- [*Dianthus orbelicus* Pančić ex Stoj. & Acht., Sbor. Balg. Akad. Nauk. 29: 56 (1935), nom. inval. (pro syn. of *D. cruentus* Griseb.)]. 6
[=] *Dianthus panicii* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 7(1): 9 (1886) (Extr.).
Note – See in next subchapter.
- [*Dianthus stenopetalus* var. *platypetalus* Pančić ex Stoj. & Acht., Sbor. Balg. Akad. Nauk. 29: 56 (1935), nom. inval. (pro syn. of *D. cruentus* Griseb.)]. 6
[=] *Dianthus panicii* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 7(1): 9 (1886) (Extr.).
Note – See in next subchapter.
- [*Echinops dumosus* Pančić ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 688 (1931) [Prodr. Fl. Penins. Balc. 2], nom. inval. (pro syn. of *E. microcephalus* Sm.)]. 6
[=] *Echinops microcephalus* Sm., Fl. Graec. Prodr. 2(1): 209 (1813).
- [*Eryngium digitatum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 520 (1856), nom. inval. (pro syn. of *E. serbicum* Pančić)]. 6
Note – See *Eryngium serbicum* Pančić.
- [*Hieracium auriculiforme* Pančić & Vis. in Vis., Mem. Reale Ist. Veneto Sci. 21: 534 (1882), nom. inval. (pro syn. of *H. naegelianum* Pančić)]. 6
Note – See *Hieracium naegelianum* Pančić.
- [*Hieracium micranthum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 560 (1856), nom. inval. (pro syn. of *H. piloselloides* Vill.)]. 6
[=] *Pilosella pavichii* (Heuff.) Arv.-Touv., Bull. Soc. Dauphin. Échange Pl.: 282 (1880) ≡ *H. pavichii* Heuff., Flora 36: 618 (1853) ≡ *P. fussiana* F. W. Schultz & Sch. Bip., Flora 45: 427 (1862), nom. illeg. (nom. superfl. for *H. pavichii* Heuff.) ≡ *H. fussianum* Schur, Enum. Pl. Transsilv. 384 (1866), nom. illeg. (nom. superfl. for *H. pavichii* Heuff.).
- [*Hieracium montenegrinum* Pančić ex Nyman, Consp. Fl. Eur.: 446 (1879), nom. inval. (pro syn. of *H. calophyllum* R. Uechtr.)]. 6
[=] *Hieracium calophyllum* R. Uechtr., Oesterr. Bot. Z. 24: 106 (1874).
- [*Hieracium panicii* Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 10 (1870), nom. inval. (pro syn. of *H. schultzianum* Pančić & Vis.)]. 6
Note – See *Hieracium schultzianum* Pančić & Vis.
- [*Lamium bifidum* var. *purpurea* Fenzl ex Pančić, Verh. Zool.-Bot. Vereins Wien 6: 542 (1856), nom. inval. (pro syn. of *L. bifidum* L.)]. 6

- [=] *Lamium bifidum* subsp. *balcanicum* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1894: 54 (1894).
- [*Lamium serbicum* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 542 (1856), nom. inval. (pro syn. of *L. bifidum* L.)]. **6**
- [=] *Lamium bifidum* subsp. *balcanicum* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1894: 54 (1894).
- [*Nasturtium congestum* Pančić in Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 18 (1870), nom. inval. (pro syn. of *N. proliferum* Heuff.)]. **6**
- [=] *Rorippa prolifera* (Heuff.) Neill, Aufz. Ungarn Slavon. Gefässpfl. 2: 263 (1865) ≡ *N. proliferum* Heuff., Flora 46: 624 (1853).
- [*Picridium macrogaranum* Pančić ex Nyman, Consp. Fl. Eur.: 461 (1879), nom. inval. (pro syn. of *P. macrophyllum* Vis. & Pančić)]. **6**
- Note** – See *Reichardia macrophylla* Vis. & Pančić.
- [*Quercus pallida* Pančić, Verh. Zool.-Bot. Vereins Wien 6: 570 (1856), in adnot. [non Blume, Bijdr. Fl. Ned. Ind. 10: 524 (1826)], nom. inval. (pro syn. of *Q. conglomerata* Pers.)]. **6(2a)**
- Note** – See previous subchapter.
- [*Scabiosa holosericea* Pančić ex Nyman, Consp. Fl. Eur.: 343, nom. inval. (pro syn. of *S. ochroleuca* L.)]. **6**
- [=] *Scabiosa ochroleuca* L., Sp. Pl. 1: 101 (1753) ≡ *S. columbaria* subsp. *ochroleuca* (L.) Čelak., Prodr. Fl. Böhmen: 269 (1871).
- [*Sedum racemulosum* Pančić, Elench. Crna Gora: 32 (1875), nom. inval. (pro syn. of *S. majellense* Ten.)]. **6**
- [=] *Sedum magellense* subsp. *olympicum* (Boiss.) Greuter & Burdet in Greuter, Burdet & Long, Med-Checkl. 3: 24 (1986) ≡ *S. olympicum* Boiss., Diagn. Pl. Orient. 3: 16 (1843).
- [*Silene gymnotheca* Pančić ex Nyman, Consp. Fl. Eur.: 92 (1878), nom. inval. (pro syn. of *S. fruticulosa* Sieber)]. **6**
- [=] *Silene parnassica* subsp. *serbica* (Adamović & Vierh.) Greuter, Willdenowia 25(1): 129 (1995) ≡ *S. serbica* Adamović & Vierh., Mitt. Naturwiss. Vereins Univ. Wien ser. 2, 4: 51 (1906) ≡ *S. multicaulis* var. *serbica* (Adamović & Vierh.) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 269 (1924) [Prodr. Fl. Penins. Balc. 1].
- [–] “*S. fruticulosa*” sensu Pančić, Fl. Serbiae: 169 (1874) [non Dietr. ex Otth in DC., Prodr. 1: 381 (1824)].
- [*Verbascum heteromallum* Pančić ex Boiss., Fl. Orient. 4(2): 305 (1879), nom. inval. (pro syn. of *V. malacotrichum* Boiss. & Heldr.)]. **6**
- [=] *Verbascum eriophorum* Godr., Mém. Sect. Sci. Acad. Sci. Montpellier 1: 440 (1853).
- [*Viola proluxa* Pančić ex Becker, Beih. Bot. Centralbl., Abt. 2. 26(2-3): 332 (1910), nom. inval. (pro syn. of *V. orphanidis* Boiss.)]. **6**
- Note** – See *Viola proluxa* (Pančić ex Adamović) Pančić ex Becker (1905).
- [*Viola proluxa* Pančić ex Velen., Fl. Bulg.: 53 (1891), nom. inval. (pro syn. of *V. declinata* Waldst. & Kit.)]. **6**
- Note** – See *Viola proluxa* (Pančić ex Adamović) Pančić ex Becker (1905).

List of the names honoring Josif Pančić

- Abies pardei* subsp. *paniccii* Rac & Lovrić, Simpozijum Proučavanje biljnog i životinjskog sveta sa aspekta problema zaštite i unapređenja životne sredine. Kragujevac: 80 (1988). **4**
- ≡ *A. pardei* var. *paniccii* (Rac & Lovrić) Rac & Lovrić, Beitr. 6 IUFRO-Tannensymp.: 61 (1992), comb. inval. (McNEILL *et al.* 2012: Art. 41.1).
- = *Abies alba* Mill., Gard. Dict., ed. 8, Abies n. 1 (1768) ≡ *Pinus picea* L., Sp. Pl. 2: 1001 (1753) ≡ *P. pectinata* Lam., Fl. Franç. 2: 202 (1779), nom. illeg. (nom. superfl. for *Pinus picea* L.) ≡ *A. pectinata* DC. in Lam. & DC., Fl. Franc., ed. 3, 3: 276 (1805), nom. illeg. (nom. superfl. for *A. alba* Mill.) ≡ *A. nobilis* A. Dietr., Fl. Berlin 2: 793 (1824), nom. illeg. (nom. superfl. for *A. alba* Mill.).
- *A. biokovenski* Kušan in Kušan & Klapka, Inform. Bot. Zagreb 3: 24 (1964), nom. inval. (nom. prov.).
- Note** – According to TRINAJSTIĆ (1999) *Abies pardei* Gausson probably belongs to Algerian *A. numidica* de Lannoy ex Carrière, but “*A. pardei*” sensu Rac & Lovrić and *A. biokovenski* Kušan refer to *A. alba* Mill.
- Acer visianii* var. *paniccii* K. Malý ex Dörfler, Herb. Norm. Sched. Cent. 47: 189 (1906). **1a**
- ≡ *Acer heldreichii* var. *paniccii* (K. Malý ex Dörfler) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(1): 602 (1925) [Prodr. Fl. Penins. Balc. 1] ≡ *A. heldreichii* [var. *macropterum*] f. *paniccii* (K. Malý ex Dörfler) K. Malý, Glasn. Zemaljsk. Muz. Bosni Hercegovini 33: 3 (1922).
- Angelica paniccii* Vandas ex Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1887: 449 (1888). **4**
- = *Angelica palustris* (Besser) Hoffm., Gen. Pl. Umbell.: 162 (1814) ≡ *Imperatoria palustris* Besser, Prim. Fl. Galiciae Austriac. 1: 214 (1809) ≡ *Ostericum palustre* (Besser) Besser, Enum. Pl. 94 (1822). **4**
- Note** – Additional studies are necessary to determine the actual status of this plant.

- Aquilegia nikolicii*** var. ***panicii*** Niketić, Bull. Nat. Hist. Mus. Belgrade 6: 38 (2013). **1a**
 – “*A. viscosa*” sensu Pančić, Österr. Bot. Zeit. 17: 168 (1867) [non Gouan, Fl. Monsp.: 267 (1765)].
 – “*A. thalictrifolia*” sensu Pančić, Fl. Serbiae: 117 (1874) [non Schott & Kotschy, Verh. Zool.-Bot. Vereins Wien 3: 130 (1853)].
 – “*A. panicii*” sensu Regula-Bevilacqua in Trinajstić, Fl. Anal. Jugosl. 1(2): 364 (1973) [non Degen, Magyar Bot. Lapok 4: 118 (1905)].
 – “*A. grata* subsp. *grata*” sensu Niketić, Glasn. Prir. Mus. Beogradu, Ser. B, Biol. Nauke 47: 58 (1992) [non F. Maly ex Zimmeter, Verwandtsch. -Verh. Aquilegia: 46 (1875)].
- Aquilegia panicii*** Degen, Magyar Bot. Lapok 4: 118 (1905). **1a**
 – “*A. vulgaris*” sensu Petrović, Fl. Agr. Nyss.: 42 (1882) [non L., Sp. Pl. 1: 533 (1753)].
 – “*A. haenkeana*” sensu Petrović, Addit. Fl. Agr. Nyss.: 23 (1885) [non W. D. J. Koch, Syn. Fl. Germ.: 23 (1843)].
 – “*A. thalictrifolia*” sensu Graebn. & Graebn. fil. in Asch. & Graebn., Syn. Mitteleur. Fl. 5(2): 659 (1929) [non Schott & Kotschy, Verh. Zool.-Bot. Vereins Wien 3: 130 (1853)].
Note - Although the current status is confirmed in “Flora of Serbia” (GAJIĆ & NIKETIĆ 1992b), further studies should determine its taxonomic position.
- Arenaria rotundifolia*** var. ***panicii*** Degen & Bald., Mem. Reale Accad. Sci. Ist. Bologna ser. 5, 9: 10 (1901). **4**
 ≡ *A. biflora* subsp. *panicii* (Degen & Bald.) Stoj. & Stef., Fl. Bulg., ed. 3: 428 (1948) ≡ *A. rotundifolia* subsp. *panicii* Degen & Bald. (McNeill), Notes Roy. Bot. Gard. Edinburgh 24: 263 (1963).
 = ***Arenaria rotundifolia*** M. Bieb., Fl. Taur.-Caucas. 1: 343 (1808).
- Artemisia panicii*** Ronniger ex Danihelka & Marhold, Willdenowia 33: 253 (2003). **1a**
 [*A. panicii* Ronniger in Knoll & Kovarik, Samen-Tauschliste Bot. Gart. Univ. Wien 1938: 5 (1938), nom. inval. (nom. seminud.); *Chrysanthemum panicii* Janka, Oesterr. Bot. Z. 31: 304 (1881), nom. inval. (nom. seminud.)].
 = *A. laciniata* f. *integra* Podp., Sborn. Klubu Prir. v Brne 6: 11 (1924).
 – “*A. latifolia*” sensu Wagner, Magyar Bot. Lapok 10: 2 (1911) [non Ledeb., Mém. Acad. Imp. Sci. St. Pétersbourg Hist. Acad. 5: 569 (1815)].
- Astragalus panicii*** Heuff., Flora 36: 621 (1853). **4**
 = ***Astragalus onobrychis*** L., Sp. Pl. 2: 760 (1753) ≡ *Tragacantha onobrychis* Kuntze, Revis. Gen. Pl. 2: 946 (1891).
- Bupleurum commutatum*** f. ***panicii*** H. Wolff in Engl., Pflanzenr. 90: 84 (1910). **1a**
- Calamintha panciana*** Gand., Rad Jugoslav. Akad. Znan. 66: 49 (1883), nom. dub. **4**
Note – Its taxonomic status is doubtful.
- Campanula bononiensis*** var. ***panicii*** Niketić. **1a**
Note – See *Campanula bononiensis* var. *concolor* Pančić.
- Campanula rapunculus*** var. ***panicii*** Adamović, Bot. Jahrb. Syst. 33(4-5): 577 (1904). **1a**
- Cardamine panicii*** Hayek, Kaiserl. Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 94: 149 (1918). **1a**
Note – See *Cardamine kopaonikensis* Pančić.
- [*Carduus panicii* Sch. Bip. ex Nyman, Consp. Fl. Eur. 2: 414 (1879), nom. inval. (nom. nud.), nom. dub.]. **3b**
 [=] ?*Carduus nutans* L., Sp. Pl. 2: 821 (1753).
 [-] “*C. multiflorus*” sensu Pančić ex Nyman, Consp. Fl. Eur.: 414 (1879) [non Gaudin, Fl. Helv. 5: 166 (1829)], (pro syn. of *C. panicii* Sch. Bip. ex Nyman).
Note – Its taxonomic status is doubtful.
- Centaurea ×panicii*** J. Wagner (= *C. reichenbachii* DC. × *C. deusta* Ten.), Bot. Közlem. 9: 66 (1910). **1a**
- Centaurea ×paniciana*** Prodan (= *C. orientalis* L. × *C. salonitana* Vis.), Centaur. Român.: 137 (1930). **1a**
- Cerastium banaticum*** f. ***panicii*** Niketić, Glasn. Prir. Mus. Beogradu, Ser. B, Biol. Nauke 49-50: 52 (1999). **1a**
- Crocus panicii*** Janka, Oesterr. Bot. Z. 18(2): 57 (1868). **4**
 = ***Crocus biflorus*** subsp. ***adamii*** (J. Gay) K. Richt., Pl. Eur. 1: 250 (1890) ≡ *C. adamii* J. Gay, Bull. Sci. Nat. Géol. 25(Mem.): 319 (1831) ≡ *C. annulatus* var. *adamicus* Herb., Bot. Mag. 67: tab. 3861 (1841) ≡ *C. biflorus* var. *adamii* (J. Gay) Trautv., Bull. Cl. Phys.-Math. Acad. Imp. Sci. Saint-Pétersbourg 17: 330 (1859).
- Dianthus capitatus*** var. ***panicianus*** Williams, Journ. Bot. 23: 342 (1885). **2b**
 = ***Dianthus andrzejowskianus*** (Zapall.) Kulcz. in Szafer, Fl. Polsk. 2: 156 (1921) ≡ *D. capitatus* subsp. *andrzejowskianus* Zapall., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn., Dzial B, Nauki Biol. Ser. 3, 51: 25 (1911).
- Dianthus panicii*** Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 7(1): 9 (1886) (Extr.). **1a**
 ≡ *D. stenopetalus* var. *panicii* Williams, J. Linn. Soc., Bot. 29: 389 (1893) ≡ *D. cruentus* var. *panicii* (Velen.) Stoj. & Acht., Sbor. Balg. Akad. Nauk. 29: 56 (1935) ≡ *D. cruentus* subsp. *panicii* (Velen.) Stoj. & Stef., Fl. Bulg., ed. 3: 405 (1948).

= *D. tristis* Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1889(3): 41 (1890).

= *D. velenovskyi* Borbás, in Természetráji Fü. 14: 46 (1893).

– *D. orbelicus* Pančić ex Stoj. & Acht., Sbor. Balg. Akad. Nauk. 29: 56 (1935), nom. inval. (pro syn. of *D. cruentus* Griseb.).

– *D. stenopetalus* var. *platypetalus* Pančić ex Stoj. & Acht., loc. cit., nom. inval. (pro syn. of *D. cruentus* Griseb.).

Note – According to STRID (1986) there is the older name “*Dianthus pancicii* Williams” (1885), rendering *D. pancicii* Velen. (1886) illegitimate and *D. tristis* Velen. (1890) appropriate, and this opinion is generally accepted (JALAS & SUOMINEN 1986; EURO+MED 2011; DIKLIĆ & STEVANOVIĆ 2012). However, WILLIAMS (1885) published the name *D. capitatus* var. *pancicianus* Williams (= *D. andrzejowskianus* (Zapall.) Kulcz.), but not “*D. pancicii* Williams”.

Euphorbia pancicii Beck, Glasn. Zemaljsk. Muz. Bosni Hercegovini 32: 95 (1920) [Fl. Bosn. Hercegov. 2(9)]. **1a** – “*E. variabilis*” sensu Pančić, Fl. Serbiae: 612 (1874), in clavi [non Ces., Bibliot. Ital. (Milan) 91: 348 (1838)].

Note – WRABER (1982) proved that *Euphorbia pancicii* Beck is an independent species, which belongs to *E. sect. Esula* but differs clearly in morphology and ecology from *E. esula* L. This endemic plant has been recorded only in gorges and canyons of the southern part of the Drina river catchment in Serbia, Montenegro and Bosnia and Herzegovina.

Festuca panciana (Hack.) K. Richt., Pl. Eur. 1: 96 (1890). **1a**

≡ *F. ovina* [subsp. *sulcata*] var. *panciana* Hack., Monogr. Festuc. Eur.: 106 (1882) ≡ *F. dalmatica* subsp. *panciana* (Hack.) Beldie in Sävul., Fl. Republ. Socialist. Romania 12: 549 (1972).

Heliosperma pusillum var. *pancicii* Niketić & Stevan., Arh. Biol. Nauka 59(4): 392 (2007). **1a**

– “*Silene glutinosa*” sensu Pančić, Fl. Serbiae: 168 (1874) [non Zois, Verh. K. K. Zool.-Bot. Ges. Wien 8: 80 (1858), nom. illeg.; nec *H. quadrifidum* var. *glanduliferum* K. Malý, Glasn. Zemaljsk. Muz. Bosni Hercegovini 16: 561 (1903)].

Hieracium fallax subsp. *pancicii* Nägeli & Peter, Hierac. Mitt.-Eur. 1: 518 (1885). **4**

= ***Pilosella setigera*** Fr. in Fr. & Lagger, Hierac. Eur. Exs.: [in sched.] *Pilosella* No. 37 (1862-1865) ≡ *H. setigerum* Fr., Nova Acta Regiae Soc. Sci. Upsal. 14: 32 (1848), nom. illeg. [non Tausch, Flora 11 (Ergänzungsbl. 1): 61 (1828)].

[*Hieracium pancicii* Kerner ex Zahn in Asch. & Graebn.,

Syn. Mitteleur. Fl. 12(3): 52 (1939), nom. in sched., nom. inval. (pro syn. of *H. pannosum* subsp. *frivaldszkyi* Zahn, nom. illeg.)], **syn. nov.** **6**

[=] ***Hieracium mokragorae*** (Nägeli & Peter) Nägeli & Peter, Bull. Herb. Boissier 3: 456 (1895) ≡ *H. pannosum* subsp. *mokragorae* Nägeli & Peter, Hierac. Mitt.-Eur. 2: 289 (1889).

[–] “*H. pannosum* subsp. *frivaldszkyi*” sensu Zahn. in Engl., Pflanzenr. 76: 566 (1921), p.p. max., nom. illeg. (nom. superfl. for *H. pannosum* subsp. *frivaldii* (Rchb. f.) Nägeli & Peter) [non *H. friwaldii* Rchb. f., Icon. Fl. Germ. Helv. 19(1): 94 (1859)].

[–] “*H. lanatum*” sensu Pančić ex Zahn in Asch. & Graebn., loc. cit. [non Vill., Prosp. Hist. Pl. Dauphiné: 35 (1779)], (pro syn. of *H. pannosum* subsp. *frivaldszkyi* Zahn, nom. illeg.).

[*Hieracium pancicii* Sch. Bip. ex Vis. & Pančić, Mem. Reale Ist. Veneto Sci. 15: 10 (1870), nom. inval. (pro syn. of *H. schultzianum* Pančić & Vis.)]. **6**

Note – See *Hieracium schultzianum* Pančić & Vis.

Jacobaea pancicii (Degen) Vladimir. & Raab-Straube in Greuter & Raab-Straube, Med-Checkl. 2: 502 (2008). **1a**

Note – See *Senecio erubescens* Pančić.

Knautia pancicii Szabó, Math. Term. Közlem. 31(1): 376 (1911). **1a**

≡ *K. midzorensis* var. *pancicii* (Szabó) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 505 (1930) [Prodr. Fl. Penins. Balc. 2].

– “*K. longifolia*” sensu Pančić ex Szabó, loc. cit., nom. in sched. (pro syn. of *K. pancicii* Szabó).

Lactuca pancicii (Vis.) N. Kilian & Greuter, Willdenowia 33(2): 234 (2003). **1a**

≡ *Mulgedium pancicii* Vis., Mem. Reale Ist. Veneto Sci. 9: 173 (1860) ≡ *Cicerbita pancicii* (Vis.) Beauverd, Bull. Soc. Bot. Genève Ser. 2, 2: 121 (1910).

– “*Sonchus plumieri*” sensu Pančić ex Vis., loc. cit. [non L., Syst. Nat., ed. 10, 2: 1192 (1759)], (“in litt.”, pro syn. of *M. pancicii* Vis.).

Lasiagrostis calamagrostis var. *pancicii* Adamović, Magyar Bot. Lapok 3: 137 (1903), nom. illeg. (nom. superfl. for *L. calamagrostis* var. *colorata* Pančić). **4**

Note – See *Lasiagrostis calamagrostis* var. *colorata* Pančić.

Lathyrus pancicii (Jurišić) Adamović, Prosv. Glasn. 22(9): 1246 (1901). **1a**

Note – See *Orobis pubescens* Pančić.

[*Linaria pancicii* Janka ex Velen., Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1888(2): 25 (1890), nom. inval. (pro syn. of *L. macedonica* Griseb.)]. **6**

[=] ***Linaria dalmatica*** (L.) Mill., Gard. Dict., ed. 8:

- Linaria* no. 13 (1768) \equiv *Antirrhinum dalmaticum* L., Sp. Pl. 2: 616 (1753) \equiv *Linaria genistifolia* subsp. *dalmatica* (L.) Maire & Petitm., Bull. Soc. Sci. Nancy ser. 3, 9: 403 (1908).
- Malcolmia panicii* Adamović, Oesterr. Bot. Z. 42: 405 (1892). **4**
Note – See *Malcolmia serbica* Pančić.
- Mentha calaminthiformis* var. *panicii* Heinr. Braun, Verh. K. K. Zool.-Bot. Ges. Wien 40: 489 (1890). **4**
 \equiv *M. dalmatica* f. *panicii* (Heinr. Braun) Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30(2): 321 (1929) [Prodr. Fl. Penins. Balc. 2].
 \equiv *Mentha* \times *dalmatica* Tausch (= *M. arvensis* L. \times *M. longifolia* (L.) L.) in Hornschuch, Syll. Pl. Nov. 2: 249 (1828), pro spec. [Hylander, Bot. Not. 118: 237 (1965), pro hybr.].
- Orobanche panicii* Beck, Ann. K. K. Naturhist. Hofmus. Wien 2: 148, tab. 6 (1887). **1a**
- Pancicia* Vis., Sem. Hort. Patav. 1857: 9 (1858). **4**
 \equiv *Pimpinella* L., Sp. Pl.: 263 (1753).
- Pancicia serbica* Vis., Sem. Hort. Patav. 1857: 9 (1858). **1b**
 \equiv *Pimpinella serbica* (Vis.) Drude in Engler & Prantl, Nat. Pflanzenfam. 3(8): 195 (1898).
- Phyteuma* \times *panicii* Rohlena (= *P. orbiculare* L. \times *P. pseudorbiculare* Pant.), Sitzungsber. Königl. Böhm. Ges. Wiss., Math.-Naturwiss. Cl. 1912(1): 83 (1913). **1a**
Note – See *Phyteuma orbiculare* var. *cordatum* Pančić.
- Pinus heldreichii* var. *panicii* Fukarek, God. Biol. Inst. u Sarajevu 4(1): 41 (1951). **4**
 \equiv *Pinus heldreichii* H. Christ, Verh. Naturf. Ges. Basel 3(4): 549 (1863).
- Quercus panicii* K. Malý ex Asch. & Graebn., Syn. Mitteleur. Fl. 4: 527 (1911). **4**
Note – See *Quercus pallida* Pančić.
- Ranunculus philonotis* var. *panicii* Bald., Malpighia 8: 62 (1894). **4**
 \equiv *Ranunculus marginatus* d'Urv., Mém. Soc. Linn. Paris 1: 318 (1822).
- Satureja croatica* var. *paniciana* Briq., Lab. Alp. Mar. 3: 427 (1895). **4**
Note – See *Micromeria piperella* Pančić ex Nyman.
- Sesleria rigida* var. *panicii* Deyl, Opera Bot. Cech. 3: 191 (1946). **4**
 \equiv *Sesleria filifolia* Hoppe, Flora 17(1): 384 (1834).
Note – According to KUZMANOVIĆ *et al.* (2013).
- Triticum monococcum* var. *panicii* Flaksb., Trudy Bot. Muz. Imp. Akad. Nauk 6: 682 (1913). **4**
 \equiv *T. aegilopoides* var. *panicii* (Flaksb.) Percival, Wheat Pl. Monogr.: 167 (1921).
 \equiv *Triticum monococcum* L., Sp. Pl.: 86 (1753).
- Valeriana panicii* Halácsy & Baldacci, Oesterr. Bot. Z. 41: 408 (1891). **1a**
 \equiv *V. celtica* subsp. *panicii* (Halácsy & Bald.) Weberling., Oesterr. Bot. Z. 119(1-3): 96 (1971) \equiv *V. saxatilis* subsp. *panicii* (Halácsy & Bald.) Ockendon, Bot. J. Linn. Soc. 71: 274 (1976).
- Verbascum* \times *panicii* Bornm. (= *V. eriophorum* Godr \times *V. jankaeum* Pančić), Oesterr. Bot. Z. 38: 267 (1888). **1a**
- Verbascum panicii* Rohlena, Sitz. Boehm. Ges. Wiss. 1902: 101 (1902), nom. illeg. [non Bornm., Oesterr. Bot. Z. 38: 267 (1888), pro hybr.]. **4**
Note – See *Verbascum leptocladum* Pančić.
- Viola clementiana* var. *panicii* Bald., Malpighia 19: 64 (1891). **4**
 \equiv *Viola zoysii* Wulfen in Jacq., Coll. 4: 297 (1790) \equiv *V. calcarata* var. *zoysii* (Wulfen) Ging. in DC., Prodr. 1: 302 (1824), p.p. \equiv *V. calcarata* subsp. *zoysii* (Wulfen) Merxm., Feddes Repert. 74: 30 (1967).

Analysis of name validity

To perform the nomenclature analysis, all the names included in previous lists have been assigned into one of six basic groups (see Material and methods). Representation of these groups and their subgroups is illustrated (Fig. 1).

The existing botanical literature includes 226 basic names followed by the name of J. Pančić and 87 additional derived names. This number does not include misapplied Pančić names which are not used in further discussion. After the removal of the names that were not proposed as a new (group 6), which mostly were not published by Pančić's own choice, there are 200 regular basic names remaining. It was also necessary to remove 32 names pertaining to additional synonyms (group 5). There are several possible origins of these synonyms:

- Pančić revised either the names previously assigned by other authors (i.e. *Lactucopsis altissima* (M. Bieb.) Sch. Bip. ex Vis. & Pančić) or his own original names (i.e. *Knautia lyrophylla* (Pančić) Pančić for *K. macedonica* var. *lyrophylla* Pančić);
- Pančić republished the same plants under a different name (i.e. *Picridium macrophyllum* Vis. & Pančić for *Reichardia macrophylla* Vis. & Pančić);
- Pančić or other authors performed validation (i.e. *Delphinium uechtritizianum* Pančić 1888 (nom. nud.) for *D. uechtritizianum* Pančić ex Huth 1895).

The remaining 168 plant names were presented to the

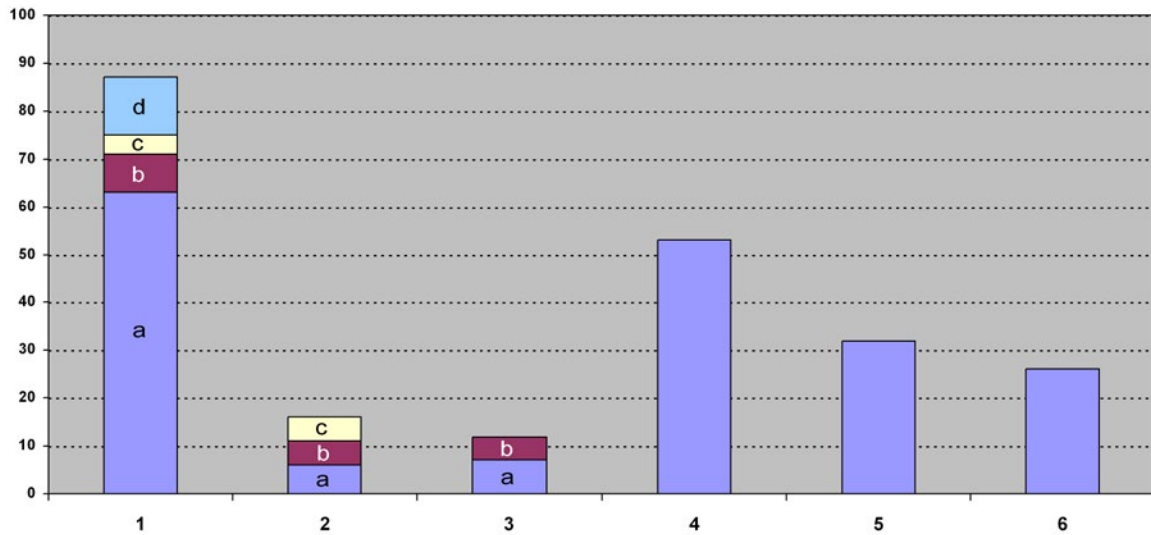


Fig. 1. Representation of groups and subgroups of names of Pančić's plants according to the degree of their validity. The legend is presented in Material and methods.

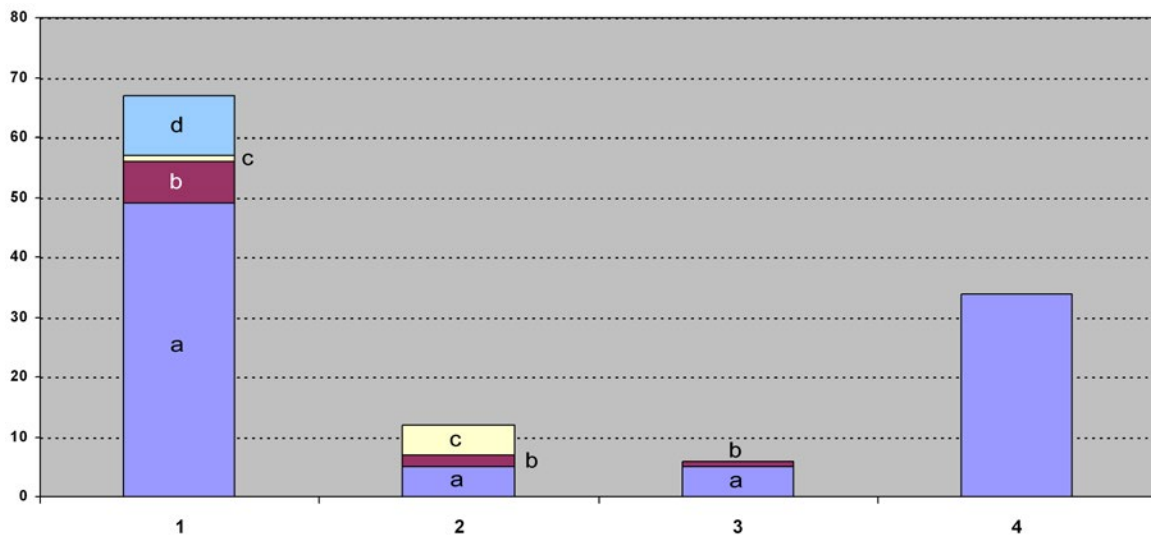


Fig. 2. Representation of groups and subgroups of names published by Pančić in (sub)specific rank according to the degree of their validity. The legend is presented in Material and methods.

scientific community by Pančić without repetition, as he considered them new to science. In simpler terms, on 168 occasions Pančić claimed that he discovered a new plant taxon. Of this group 31.55% are actual synonyms (group 4) while 4.17% are non-validated *nomen nudum* (group 3). It is unfortunate that 16 names (9.52%) cannot be accepted by botanical nomenclature, although they pertain to currently-accepted taxa first disclosed by Pančić (Group 2). Despite this, 87 of Pančić's taxa are currently accepted (group 1) which is more than one half (51.79%), a quite impressive percentage value. Additionally, of that number,

63 taxa have retained their original name without any further changes of status and/or combinations (group 1a), which is almost 3/4 (72.41%) of the currently accepted taxa.

Analysis using just the names published by Pančić at (sub)specific rank shows even more impressive results (Fig. 2). There is a high number of 65 currently-accepted (sub)species and one hybrid, representing 54.62% of the 119 names Pančić claimed as new taxa at the (sub)species or hybrid level. In 49 of those taxa (75.38%) the original name remained unchanged.

CONCLUSION

In this paper, nine new synonyms and four nomenclatural novelties are proposed (incl. *Campanula bononiensis* var. *pancicii* Niketić, nom. nov.). The review of botanical literature yielded 226 basic plant names that were indirectly or directly first used by J. Pančić. For 168 plant names (incl. 119 in a (sub)specific rank) he believed that they belonged to taxa new to science. More than one half of his taxa (Fig. 1) and species (Fig. 2) are currently accepted, including more than 70% retaining the original name and author. The category of undoubted species was retained by 54 taxa, seven more than in MAYER & DIKLIĆ (1967): *Allium melanantherum* Pančić, *Allium serbicum* Vis. & Pančić, *Althaea kragujevacensis* Pančić ex Diklić & Stevan., *Barbarea balcana* Pančić, *Bupleurum pachnospermum* Pančić, *Campanula orbelica* Pančić, *Campanula secundiflora* Vis. & Pančić, *Cardamine serbica* Pančić, *Carduus ramosissimus* Pančić, *Centaurea derventana* Vis. & Pančić, *Centaurea melanocephala* Pančić, *Cirsium heterotrichum* Pančić, *Consolida uechtritziana* (Pančić ex Huth) Soó, *Dianthus moesiacus* Vis. & Pančić, *Drymocallis mollis* (Pančić) Soják, *Eryngium palmatum* Pančić & Vis., *Eryngium serbicum* Pančić, *Erysimum commatum* Pančić, *Euphorbia subhastata* Vis. & Pančić, *Genista subcapitata* Pančić, *Geum bulgaricum* Pančić, *Geum molle* Vis. & Pančić, *Haplophyllum boisserianum* Vis. & Pančić, *Heliosperma macranthum* Pančić, *Heracleum verticillatum* Pančić, *Hieracium balkanum* Uechtr. ex Pančić, *Hieracium marmoreum* Pančić & Vis., *Hieracium naegelianum* Pančić, *Hieracium schultzianum* Pančić & Vis., *Koeleria eriostachya* Pančić, *Lactuca aurea* (Sch. Bip. ex Vis. & Pančić) Stebbins, *Lactuca mulgedioides* (Sch. Bip. ex Vis. & Pančić) Boiss. & Kotschy, *Lathyrus binatus* Pančić, *Linaria rubioides* Vis. & Pančić, *Orobanche esulae* Pančić, *Parietaria serbica* Pančić, *Pastinaca hirsuta* Pančić, *Pedicularis heterodonta* Pančić, *Picea omorika* (Pančić) Purk., *Potentilla visianii* Pančić, *Ramonda nathaliae* Pančić & Petrović, *Ramonda serbica* Pančić, *Reichardia macrophylla* Vis. & Pančić, *Scabiosa achaeta* Vis. & Pančić, *Scabiosa fumarioides* Vis. & Pančić, *Securigera elegans* (Pančić) Lassen, *Sempervivum leucanthum* Pančić, *Stachys anisochila* Vis. & Pančić, *Stachys serbica* Pančić, *Tragopogon pterodes* Pančić ex Petrović, *Trifolium trichopterum* Pančić, *Valeriana bertisceae* Pančić, *Verbascum jankaeae* Pančić and *Viola orbelica* Pančić.

In addition, 48 taxa have been named in honor of J. Pančić by other botanists (with 17 additional derived names). In most cases these authors used specimens collected by Pančić, and in other cases the inspiration was in his personality and contributions. In certain cases, names of his newly-discovered taxa were published in disagreement with nomenclature rules (group 2). Although these names would later be corrected by other

botanists, these taxa were first discovered by Pančić and would be named in his honor (e.g. *Cardamine pancicii* Hayek). Twenty-three of these taxa are currently accepted, including 13 at the specific level.

During his career in scientific research, J. Pančić created an imposing botanical opus with almost seventy unquestionable plant species or subspecies personally discovered in the central Balkans. Some of his discoveries, such as *Picea omorika* (Pančić) Purk., *Ramonda nathaliae* Pančić & Petrović and *R. serbica* Pančić, are still resonating at the present time at the global scale. All his botanical discoveries and contributions, as well as the high scholarly reputation he earned, place him at the same level as the greatest European botanists of the 19th century.

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Botánica SERBICA



REZIME

Nomenklaturni pregled biljaka koje je publikovao Josif Pančić (*Nomenclator Pancicianus novus*)

Marjan NIKETIĆ

Pre skoro 50 godina objavljena je studija nomenklaturnog statusa biljaka koje je publikovao Josif Pančić (MAYER & DIKLIĆ 1967). Ovom prilikom, tokom obeležavanja 200 godina od rođenja ovog velikana srpske nauke, i shodno značajnim promenama u pogledu taksonomsko nomenklaturne kategorizacije, urađena je detaljna lista biljaka čija su imena na bilo koji način povezana sa J. Pančićem. Lista se sastoji iz tri dela, od kojih prva obuhvata 226 regularnih imena. Druga lista odnosi se na imena koja nikada nisu publikovana kao nova (26), dok se u trećoj navode biljke nazvane u čast J. Pančića (48). Za razliku od prethodne studije, pogrešno upotrebljena imena koja je Pančić navodio u svojim delima nisu uzeta u razmatranje, osim ako se ne odnose na imena navedena u ovim listama. Od pomenutih 226 imena koje je Pančić prvi upotrebio, po njegovom mišljenju 168 pripada novim taksonima za nauku, uključujući 115 biljnih vrsta. Analiza je pokazala da se, u današnje vreme, čak više od polovine ovih biljaka (87) smatra validnim i važećim taksonima, od kojih 54 u rangu vrste i 11 u rangu podvrste. U nomenklatoru je prikazano i devet novih sinonima, a takođe su predložena tri nova statusa i/ili kombinacije i jedno novo ime.

Ključne reči: Josif Pančić, nomenklatura, taksonomija, važeći taksoni