

Nomenclatural Remarks on Some Generic Names of Phanerogams Validly Published by Filip Maximilian Opiz

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Abstract — Forty generic names of Phanerogams proposed by F. M. OPIZ are analyzed from the nomenclatural viewpoint. *Duschekia* OPIZ is considered the correct name for *Alnaster* SPACH (a segregate from *Alnus* GAERT.) and eight new combinations are proposed.

More than hundred years have passed since the death of FILIP MAXIMILIAN OPIZ, (born 5th June 1787 in Čáslav — Bohemia —, died 20th May 1858 in Prague) one of the most prominent botanists living in Bohemia. During his fruitful life he proposed many new species and genera, some of which are used today, but many others are considered nomenclaturally invalid as nomina nuda, published only in his "Seznam rostlin květeny české", Praha, p. (1)—(5), 1—216, 1852. Some nomenclatorial researches of the present author have revealed that some of his genera were validly published in such little-known local journals as "Oekonomische Neuigkeiten und Verhandlungen" (Prague) and "Prag, Beiblatt zu Ost und West" (Prague), whilst there are some omissions in the Index generum siphonogamarum of DALLA TORRE et HARMS and Index kewensis as regards OPIZ's genera published in his "Naturalientausch" and "Oekonomisch-technische Flora Böhmens" as well as the journal "Lotos" (Prague). The present author has not been able to trace all OPIZ's nomina nuda validly published by other authors, although it will be necessary to do this for the Index nominum genericorum. Also the legitimacy of many Opizian genera is discussed in only certain cases, as this is a matter for a monographer; it is especially hard to state whether or not the names were superfluous when published. The generic names proposed in "Seznam" are somewhat complicated and will be treated in a subsequent article.

The present author accepts the *Duschekia*, *Hackelia*, *Preslia* and *Swida* as being the correct names for these genera.

The following works were as a bibliographical and biographical basis for the present study: DOMIN (1944), MAIWALD (1901, 1904).

Aleuritia (DUBY) OPIZ in BERCHTOLD et OPIZ, Oekon.-techn. Fl. Böhm. 2/2 : 193—195, 1839 (*Primulaceae*). — Type species: *Primula farinosa* L. = *Aleuritia farinosa* (L.) OPIZ 1839, only original species mentioned by both DUBY and OPIZ. — Validly published by direct indication of the basionym: *Primula* sect. *Aleuritia* DUBY, Botanicion Gallicum 1 : 384, 1828 elevated to generic rank later also by SPACH, Hist. nat. Végét. 9 : 360, 1840.

Alopecuropsis OPIZ, Lotos 7 : 84, 1857 (*Gramineae*). — Type species: one of the two original species: *Alopecuropsis textilis* (BOISS.) OPIZ 1857 = *Alopecurus textilis* BOISS. and *Alopecuropsis japonica* (STEUDEL) OPIZ 1857 = *Alopecurus japonicus* STEUDEL.

Angelium OPIZ, Oekon.-techn. Fl. Böhm. 2/2 : 26, 1839 (*Umbelliferae*). — Type species: possibly *Peucedanum verticillare* (L.) KOCH = *Ostericum verticillare* (L.) REICHENB. — Validly published in a key to genera, without mentioning either species or basionym. There is a possibility that

Angelium OPIZ is based on *Ostericum* b. *Angelium* REICHENBACH, Fl. germ. excurs. p. 455, 1832, as OPIZ raised many of REICHENBACH's infrageneric taxa to the rank of genus. — Probable typonym: *Tommassinia* BERTOLONI, Fl. Italica 3 : 414—416, 1838.

Apterocaryon (SPACH) OPIZ, Lotos 5 : 258, 1855 (*Betulaceae*). — Type species: *Betula michauxii* SPACH = *Apterocaryon michauxii* (SPACH) OPIZ 1855, only original species. — Validly published with a generic diagnosis. Basionym: *Betula* sect. *Apterocaryon* SPACH, Ann. Sci. nat., bot., ser. 2, 15 : 195, 1841; directly indicated by OPIZ.

Auricula CLUS. ex OPIZ in BERCHTOLD et OPIZ, Ökon.-techn. Fl. Böhm. 2/2 : 211, 1839 (*Primulaceae*). — Type species: *Auricula lutea* (VILL.) OPIZ = *Primula auricula* L.; only species of OPIZ in 1839. — Basionym: *Auricula* CLUSIUS Rarior. Plant. Hist. p. 302—305, 1601, published with 8 species. Homonym: *Auricula* HILL, Brit. Herb. p. 98, 1756 and others (see DONK, Taxon 7 : 167—168, 1958).

Čeněkia OPIZ in BERCHTOLD et OPIZ, Oekon.-techn. Fl. Böhm. 2/2 : 9, 1839 (*Campanulaceae*). — Type species: probably *Campanula rapunculoides* L. or *Campanula bononiensis* L. — Validly published in a key to genera without citing species. It seems probable that *Čeněkia* OPIZ 1839 is identical with *Čeněkia* OPIZ Seznam p. 36, 1852, published without a diagnosis but giving two species: *Čeněkia rapunculoides* (L.) OPIZ 1852 and *Čeněkia simplex* (DC.) OPIZ 1852 = *Campanula bononiensis* L.

Ceranthē (REICHENB.) OPIZ in BERCHTOLD et OPIZ, Oekon.-techn. Fl. Böhm. 2/2 : 67—70, 1839 (*Boraginaceae*). — Type species (selected): *Cerithe minor* L. = *Cerithe acuta* MOENCH = *Ceranthē acuta* (MOENCH) OPIZ 1839, this species is here selected as it is common to the name and to the basionym. — Basionym: *Cerithe* a *Ceranthē* REICHENB. Fl. Germ. ex p. 339, 1831.

Chamaebetula OPIZ, Lotos 5 : 258—259, 1855. — Type species: not yet selected, one of 8 original species (*Betulaceae*). — Validly published with original generic diagnosis. — Original species: *Chamaebetula pumila* (L.) OPIZ 1855 = *Betula pumila* L., *Chamaebetula glandulosa* (MICHAUX) OPIZ 1855 = *Betula glandulosa* MICHAUX, *Chamaebetula acutiflora* OPIZ 1855 = *Betula fruticosa* PALLAS, *Chamaebetula humilis* (SCHRANK) OPIZ = *Betula humilis* SCHRANK, *Chamaebetula rotundifolia* (SPACH) OPIZ 1855 = *Betula rotundifolia* SPACH, *Chamaebetula nana* (L.) OPIZ 1855 = *Betula nana* L., *Chamaebetula gmelini* (BUNGE) OPIZ 1855 = *Betula gmelini* BUNGE, *Chamaebetula hookeri* OPIZ.

Chamaebuxus OPIZ, Oekon. Neuigk. Verhandl. 1839 : 526, 1839 (*Polygalaceae*). — Type species: *Polygala chamaebuxus* L., only original species. — Validly published in a key to genera without recombining the species. Mentioned previously also in Oekon. Neuigk. Verhandl. 1835 : 622 as a nomen nudum (as “*Chamaebuxus vulgaris* OPIZ = *Polygala chamaebuxus* L.”), and also mentioned in Seznam p. 28, 1852 with a new specific name *Chamaebuxus coriacea* OPIZ = *Polygala chamaebuxus* L. Illegitimate on account of earlier published *Chamaebuxus* SPACH, Hist. nat. vég. phaner. 7 : 125, 1839 (April; typus *Chamaebuxus alpestris* SPACH). *Chamaebuxus* OPIZ was published at a later date in a second volume dated July—December 1839. Both names are probably inspired by *Polygala* sect. *Chamaebuxus* DE CANDOLLE Prodr. 1 : 331, 1824.

Chotekia OPIZ et CORDA, Flora 13 : 35, 1830 (*Labiatae*). — Type species: *Chotekia sericea* OPIZ et CORDA 1830, only original species. — Validly published with a generic diagnosis.

Claudia OPIZ, Lotos 3 : 67, 1853 (*Gramineae*).) Type species *Claudia ciliata* (L.) OPIZ 1853 = *Melica ciliata* L., only original species. — Validly published with a generic diagnosis. — Typonym: *Beckeria* BERNHARDI, Syst. Verz. Pflanz. Erf. p. 204, 1800.

Cochlidiospermum OPIZ in BERCHT. et OPIZ., Oekon.-techn. Fl. Böhmens 2/2 : 145, 1839 (*Scrophulariaceae*). — Type species (lectotype): *Veronica hederifolia* L. = *Cochlidiospermum hederifolium* (L.) OPIZ. — Basionym: *Veronica* A. *Cochlidiosperma* REICHENBACH, Flora germanica excursoria p. 365, 1831; cited by OPIZ as “*Veronica* A. *Cochlidiosperma*”. Validly published by an indication of the basionym. Original species are: *Cochlidiospermum hederifolium* (L.) OPIZ = *Veronica hederifolia* L., *C. lapago* (SCHMIDT) OPIZ = *Veronica lapago* SCHMIDT, *C. cymbalaria* (BERTOL.) OPIZ = *Veronica cymbalaria* BERTOL., from which I select the most common one as the lectotype. In Seznam, 1853, p. 31 there are 8 species combined with *Cochlidiospermum*.

Dipsacella OPIZ in BERCHT. et OPIZ, Oekon.-techn. Fl. Böhmens 2/1 : 198—199, 1838 (*Dipsacaceae*). — Type species: *Dipsacella setigera* OPIZ 1838 (= *Dipsacus pilosus* L. = *Dipsacella pilosa* (L.) SOJÁK, Preslia 31 : 310, 1959), the only original species. Validly published with a generic diagnosis.

Dischidium OPIZ, in BERCHTOLD et OPIZ Ökon.-techn. Flora Böhmens 2/2 : 7, 1839 (*Violaceae*). — Type species: *Viola biflora* L. = *Dischidium biflorum* (L.) OPIZ 1852. — Validly published in a generic key without mention of any species. For some remarks on such publication see also under *Angelium* OPIZ and *Čeněkia* OPIZ. It seems probable that it is identical with *Dischidium* OPIZ 1852, Seznam p. 38, where only one species, which is recombined is mentioned. Typonymous homonym: *Dischidium* (GING. in DC.) REICHENB., Handb. p. 269, 1837 based on *Viola* sect. *Dischidium* GING. in DE CANDOLLE, Prodr. 1 : 300, 1824, validly published

by indirect indication of a validly published basionym. *Dischidium* OPIZ is therefore illegitimate in account of earlier typonymous homonym.

Duschekia OPIZ, Ökon. Neuigk. Verhändl. 1839 : 524, 1839 (*Betulaceae*). — Type species: *Betula ovata* SCHRANK; only original species which is identical with *Alnus viridis* (CHAIX) DC. = *Duschekia viridis* (CHAIX) OPIZ 1852. *Duschekia* OPIZ was published in a generic key in an article titled "Gattungs-Übersicht der böhmischen Holzarten nach Burgsdorfs Forst-System", Ökon. Neuigk. Verhändl. 1839 (no. 66) : 521—527, 1839. The original diagnosis is represented by a characteristic in a key which reads as follows (condensed from the key): "Laubholz (Halbe Sträucher, 2—4 hoch) Mit hartem Holze (Blätter wechselständig, einfach) Flügelfrucht klein. Weibliche Kästchen rund". This diagnosis does not contain the characters which we now use for distinguishing between genera in this group, but it is adequate from the nomenclatural viewpoint. This generic name must be therefore considered as validly published. The new combination for the only species that OPIZ included in this genus was published at a later date in Seznam p. 38, 1852. Typonym: *Alnaster* SPACH, Ann. Sci. Nat. bot. ser. 2, 15 : 200—201, 1841, with *Alnus viridis* (CHAIX) DC. as the type; *Alnobetula* (KOCH) SCHUR 1853; *Semidopsis* ZUMAG. Fl. Pedem. 1 : 249, 1849 type: *Semidopsis viridis* (CHAIX) ZUMAG.

Duschekia OPIZ is the correct name for *Alnaster* SPACH (see also OPIZ, Lotos 6 : 24, 1856) if we separate *Alnaster* from *Alnus* GAERT., a view which seems to be well founded and was recently supported also by ČEREPANOV, Bot. Mater. Gerb. bot. Inst. V. L. Komarova Akad. Nauk SSSR 17 : 90—105, 1955. The following species belong to this genus: *Duschekia viridis* (CHAIX) OPIZ 1852; *Duschekia firma* (SIEB. et ZUCC.) n. c. = *Alnus firma* SIEBOLD et ZUCCARINI, Abhandl. Acad. Wiss. München 4/3 : 230, 1845; *Duschekia glutipes* (JARM. ex ČEREP.) n. c. = *Alnus glutipes* JARMOLENKO ex ČEREPANOV, Bot. Mater. Gerb. bot. Inst. V. L. Komarova Akad. Nauk SSSR 17 : 95, 1955; *Duschekia fruticosa* (RUPR.) n. c. = *Alnus fruticosa* RUPRECHT, Beitr. Pflanzenkunde russisches Reiches 2 : 53, 1845, *Duschekia crispa* (AIT.) n. c. = *Alnus crispa* (AIT.) PURSH = *Betula crispa* AITON Hort. kewensis 3 : 339, 1789; *Duschekia sinuata* (E. REGEL in DC.) n. c. = *Alnus sinuata* (E. REGEL in DC.) Rydb. = *Alnus viridis* δ *sinuata* E. REGEL in DE CANDOLLE, Prodr. 16/2 : 183, 1868; *Alnus pendula* MATSUMOTO; *Duschekia manschurica* (CALL. in KOM.) n. c. = *Alnus manschurica* (CALL. in KOM.) HAND.-MAZZ. = *Alnus fruticosa* var. *manschurica* CALLIER in KOMAROV, Acta. Hort. petropolitani 22 : 59, 1903; *Duschekia kamschatica* (CALL. in C. K. SCHNEID.) n. c. = *Alnus kamschatica* (CALL. in C. K. SCHNEID.) KUDE in MUSUMUNE = *Alnus sitchensis* var. *kamschatica* CALLIER in C. K. SCHNEIDER, Handb. Laubholzkd 1 : 123, 1904; *Duschekia maximowiczii* (CALL. in C. K. SCHNEID.) n. c. = *Alnus maximowiczii* CALLIER in C. K. SCHNEIDER, Handb. Laubholzkd 1 : 122, 1904.

Euacer OPIZ, Ökon. Neuigk. Verhändl. 1839 : 522, 1839 (*Aceraceae*). — Type species: *Acer platanoides* L. = *Euacer platanoides* (L.) OPIZ 1852 the only original species. — Validly published in 1839, with the single species being combined with *Euacer* in Seznam p. 42, 1852 together with many other species; *Euacer* OPIZ is repeatedly mentioned also in Lotos 3 : 68, 1853.

Fiebera OPIZ, in BERCHTOLD et OPIZ, Ökon.-techn. Flora Böhmens 2/2 : 24, 1839 (*Umbelliferae*). — Type species: probably *Chaerophyllum nodosum* L. = *Fiebera nodosa* (L.) OPIZ 1852; validly published in a generic key without mention of any species. In Seznam p. 44 *Fiebera* was published as a change of name for *Physocaulis* (DC.) TAUSCH, Flora 17 : 342, 1834 which is based on *Chaerophyllum* sect. *Physocaulis* DC. Prodr. Syst. nat. Regn. Veg. 4 : 225, 1830. *Fiebera* OPIZ of 1839 seems to be identical with *Fiebera* OPIZ of 1852. *Fiebera* OPIZ seems to be illegitimate as a superfluous change of name.

Fleuryopsis OPIZ, Lotos 3 : 240, 1853 (*Urticaceae*). — Type species: *Fleurya petiolata* DECAISNE — *Fleuryopsis petiolata* (DECAISNE) OPIZ 1853 (the only original species). Validly published with a generic diagnosis.

Hackelia OPIZ in BERCHTOLD et OPIZ, Ökon.-techn. Flora Böhmens 2/2 : 146, 1839 (*Boraginaceae*). — Type species: *Myosotis deflexa* WAHLENB. = *Hackelia deflexa* (WAHLENB.) OPIZ 1839. I select this species as a lectotype because it is well known and the only Bohemian species from the original group of 9 species. Homonym: *Hackela* WELDEN, Flora 8 : 183, 1825 may be treated as an earlier homonym (not validly published without diagnosis, incidental mention only).

Heuffelia OPIZ, Prag — Beibl. zu Ost und West 5 : 392, 1845 (19th June) (*Cyperaceae*). — Type species: *Carex pyrenaica* WAHLENB. = *Heuffelia pyrenaica* (WAHLENB.) OPIZ 1845 = (*Callistachys pyrenaica* (WAHLENB.) HEUFFEL 1844. Basionym: *Callistachys* HEUFFEL Flora 17/2 : 528, 1844 non *Callistachys* VENTENAT, Pl. Jard. Malmasion vol. 2 no. 115, 1804. Later homonym: *Heuffelia* SCHUR, Enum. pl. Transsilv. p. 760, 1866. (*Gramineae*; validly published). Validly published by direct indication of a previously published generic diagnosis. A legitimate name for *Callistachys* HEUFFEL.

Kablikia OPIZ in BERCHTOLD et OPIZ, Ökon.-techn. Flora Böhmens 2/2 : 215—216, 1839 (*Primulaceae*). — Type species: (selected) *Primula minima* L. = *Kablikia minima* (L.) OPIZ

1839. — Validly published with a generic diagnosis and with two species *Kablikia minima* (L.) OPIZ and *Kablikia truncata* (LEHM.) OPIZ, the first of which I select as lectotype as it is more commonly known.

Kirchnera OPIZ, Lotos 8 : 65, 1858 (*Leguminosae*). — Type species: *Astragalus arenarius* L. = *Kirchnera arenaria* (L.) OPIZ 1858 (the only original species). Validly published with a generic diagnosis.

Leonhardia OPIZ, Lotos 7/88, 1857 (*Leguminosae*). — Type species: the same as of basionym. Validly published by direct indication of a previously published generic diagnosis but illegitimate (superfluous when published). — Basionym: *Nepa* WEBB, Ann. Sci. nat. bot. ser. 3, 17 : 286—287, published with 8 species.

Lorinsera OPIZ in BERCHTOLD at OPIZ, Ökon.-techn. Flora Böhmens 2/2 : 28, 1839 (*Umbelliferae*). — Type species: unknown. — Validly published in a generic key; no species indicated. This generic name is validly published; application of this genus is at present doubtful, but it may be taxonomically compared with *Torilis* ADANS, or another genus of this group.

Margarospermum (REICHENB.) OPIZ in BERCHTOLD et OPIZ., Ökon.-techn. Fl. Böhmens 2/2 : 73—74, 1839 (*Boraginaceae*). — Type species: *Lithospermum purpureo-coeruleum* L. = *Margarospermum purpureo-coeruleum* (L.) OPIZ in BERCHT. et OPIZ 1839, the only original species. Basionym: *Lithospermum* c. *Margarospermum* REICHENBACH, Fl. germ. excurs. p. 337, 1830, directly indicated by OPIZ. — Monadelphous homonym: *Margarospermum* (REICHENB.) SPACH, Hist. nat. Végét. 9 : 31, 1840.

Medium OPIZ in BERCHTOLD et OPIZ, Ökon.-techn. Flora Böhmens 2/2 : 9, 1839 (*Campanulaceae*). — Type species: Probably *Campanula medium* L. — Validly published in a generic key without mention of species. Never referred to again by OPIZ himself. From the description it is evident that it is based on *Campanula medium* L. — Typonymous homonym: *Medium* TOURN. ex SPACH Hist. nat. Végét. 9 : 553, 1840.

Nenningia OPIZ in BERCHTOLD et OPIZ, Ökon.-techn. Fl. Böhm. 2/2 : 9, 1839 (*Campanulaceae*). — Type species: probably = *Nenningia paniculata* OPIZ 1852 = *C. sibirica* L. — Validly published (1839) in a generic key without mention of any species. *Nenningia* OPIZ is published again in Seznam p. 68, 1852 without diagnosis and with one species *Nenningia paniculata* OPIZ. *Nenningia* OPIZ of 1852 is probably identical with *Nenningia* OPIZ 1839. For a similar case see under *Cenëkia* OPIZ.

Ortmannia OPIZ, Flora 17, 2 bd.: 592, 1834 (*Orchidaceae*). — Type species: *Cistella cernua* (WILLD.) BLUME = *Ortmannia cernua* (WILLD.) OPIZ 1834. Validly published by direct indication of the basionym *Cistella* BLUME, Bijdr. 293, p. 55, 1825 (Index kewensis). *Ortmannia* OPIZ is illegitimate as a superfluous change of name.

Pinea OPIZ, Ökon. Neuigk. Verhandl. 1839 : 526 (*Pinaceae*). — Type species: not yet selected. Validly published in a key with three species: *Pinea esculenta* OPIZ = *Pinus pinea* L., *Pinea massoniana* (LAMB.) OPIZ = *Pinus massoniana* LAMBERT, *Pinea cembra* (L.) OPIZ = *Pinus cembra* L. Initially mentioned without diagnosis (and therefore invalid) with one species, *Pinea cembra*, in Ökon. Neuigk. 1839 : 288 and similarly in Prag, Beibl. zu Ost und West 1844 : 266—267, 1844.

Pöchia OPIZ, Lotos 2 : 232, 1852 (*Rutaceae*). — Type species: *Murraya longifolia* Blume = *Sicklera longifolia* (BLUME) M. ROEMER = *Pöchia longifolia* (BLUME) OPIZ 1852 (the only original species). — Basionym: *Sicklera* M. ROEMER, Familiarum naturalium regni vegetabilis Synopses monographicae I. Hesperides p. 49, 1846 published after September, see p. VIII, non *Sicklera* SENDTNER, Flora 29 (4. Nov. ser): 194—195, 1846 (April). *Pöchia* OPIZ is validly published by direct indication of a previously published description, but is illegitimate on account of the earlier homonym: *Poechia* ENDLICHER, Generum Pl. Suppl. quart. 2 : 43, 1847 — validly published.

Potentillopsis OPIZ, Lotos 7 : 30, 1857 (February), (*Rosaceae*). — Type species: *Potentillopsis engelmänniana* OPIZ = *Potentilla pentandra* ENGELM. in TOOR. et A. GRAY. — Status: Validly published with a generic diagnosis.

Preslia OPIZ, Flora 7 : 322—324, 1824, 7th June (*Labiatae*). — Type species: *Preslia glabriflora* OPIZ 1824 = *Mentha cervina* L. (selected). — Published also in Naturalientausch no. 8, pp. 87—88, 1824 probably after 7th June 1824 (see DOMIN 1944). Validly published with a generic description and two species, the lectotype and *Preslia villiflora* OPIZ. Variant spelling: “*Preslea*” published as a typographical error in the title of the original article. Homonym: *Preslia* OPIZ, Kratos, Praha, 1819; 5, 1819 (not validly published, mentioned only in synonymy, synonymous with *Woodia* R. BROWN).

Seidlia OPIZ, Naturlientausch no. 11, p. 349, 1826 (*Cyperaceae*). — Type species: not yet selected. — Published with a generic diagnosis and with the following species: *Seidlia silvatica* (L.) OPIZ = *Scirpus silvaticus* L., *Seidlia radicans* (SCHKUHR) OPIZ = *Scirpus radicans* SCHKUHR, *Seidlia atrovirens* (WILLD.) OPIZ = *Scirpus atrovirens* (WILLD.) SCHKUHR. I abstain from select-

ing one of the original species as the lectotype. *Seidlia* OPIZ is mentioned also in Seznam p. 90, 1852 with the single species *Seidlia silvatica* (L.) OPIZ. If typified by *S. silvaticus* then typonymous with *Scirpus* L. 1753, if the last also typified by *Scirpus silvaticus* L. (see HITCHCOCK et GREENE, Int. bot. Congress Cambridge, 1930 Nomencl. Proposals by Brit. Bot. 1929).

Strobus (ENDL.) OPIZ, Lotos 4 : 94, 1854 (*Pinaceae*). — Type species: *Strobus weymouthiana* OPIZ = *Pinus strobus* L. (the only original species) Basionym: *Pinus* sect. *Strobus* ENDLICHER, Synopsis coniferarum p. 145, 1847. Validly published by indirect indication to the description of the basionym.

Swida OPIZ in BERCHTOLD et OPIZ, Ökon.-techn. Flora Böhmens 2/1 : 174, 1838 (as "*Swjda*"). (*Cornaceae*). — Type species: *Cornus sanguinea* L. = *Swida sanguinea* (L.) OPIZ; selected. — Validly published with a generic description and combinations with two species *Swida sanguinea* (L.) OPIZ and *Swida alba* (L.) OPIZ. The first is here accepted as the lectotype. Previously mentioned without a generic description in Ökon. neuigk. Verhandl. 1835 : 624, 1835 as a nom. nud. After 1838 accepted in Ökon. neuigk. Verhandl. 1839 : 523, 1839 in a key to genera. Also mentioned in Lotos 3 : 70, 1853 and in Seznam p. 94, 1852. — Etymology and variant spellings: OPIZ took "*Swjda*" from the old Czech name for *Cornus sanguinea* L., i.e. "svida", which, at the time of OPIZ's first publication of the name in 1835, was written as "swjda" although read as "svida". In the first half of the nineteenth century "v" was always written in the Czech orthography as "w" but ČELAKOVSKÝ reformed the orthography in 1843, when it was decided to exclude "w" from the Czech spelling in favour of only "v". Also, the consonant "j" standing between two consonants which, in the first half of the nineteenth century, was pronounced as a long "i" (e) was altered in ŠAFAŘÍK's reform of Czech orthography to "i". This reform was accepted gradually in the middle of the nineteenth century. The variant spellings of the generic name *Swjda* OPIZ are connected with these changes except for the somewhat different *Swida* published by OPIZ himself in Lotos 3 : 70, 1853. OPIZ, however changed the "w" in Seznam p. 94, 1852 and wrote *Svjda*. The final correction, perfectly conformable with the present Czech orthography, was published by SMALL, Flora of Southern United States p. 853, 1903, where he spelled the name as *Svida*. The modification of the long "i" of the present Czech "svida" (English pronunciation "sweedah") is due to the latinisation of this name in accordance with the present Code (art. 73). The spelling "*Svida*" has been accepted by GROSSHEIM, Opredivitel rasténij Kavkaza p. 205, 1949. There exists a problem whether it is possible or not to maintain the orthographically very correct spelling of SMALL under the present Code. From the examples appended to art. 73 it unfortunately seems that the spelling SWIDA must be preserved in this case. See also SOJÁK: Novitates botanicae 1960, 9—11. — Typonym: *Thelycrania* (DUMORT.) FOURR., Ann. Soc. linn. Lyon 14 : 394, 1868.

Torminaria OPIZ, Ökon. Neuigk. Verhandl. 1839 : 522, 1939 (*Rosaceae*). — Type species: *Crataegus torminalis* L. (the only original species). — Validly published in a generic key with one species (Type). However *Crataegus torminalis* L. was not recombined with *Torminaria* by OPIZ. *Torminaria* OPIZ appeared at an earlier date as a nom. nud. in Ökon. Neuigk. 1835 : 624, 1835 with *Torminaria lobata* OPIZ. (= *Pyrus torminalis* EHRH.) in Seznam p. 98, 1852. *Torminaria* OPIZ is also published without diagnosis with *Torminaria clusii* OPIZ = *Crataegus torminalis* L.

Tracheliopsis OPIZ in BERCHTOLD et OPIZ, Ökon. techn. Flora Böhmens 2/2 : 9, 1839 (*Campanulaceae*). — Type species: to be selected (probably *Campanula trachelium* or *C. latifolia*). — Published validly in a generic key without mention of any species; the genus *Tracheliopsis* OPIZ from Seznam p. 98, 1852 seems to be identical. It was published with *Tracheliopsis vulgaris* OPIZ = *Campanula trachelium* L. and *Tracheliopsis latifolia* (L.) OPIZ = *Campanula latifolia* L. Typus: If *Campanula latifolia* were selected as a lectotype, this genus would become a typonym of *Campanula* L. Sp. pl. p. 163, 1753 (see also HITCHCOCK et GREENE, Int. bot. Congress, Cambridge, 1930, Nomencl. Proposals by Brit. Bot. 1929).

Trochocephalus (MERT. et KOCH) OPIZ in BERCHTOLD et OPIZ, Ökon. techn. Flora Böhmens 2/1 : 222—223, 1838 (*Dipsacaceae*). — Type species: *Scabiosa graminifolia* L. = *Trochocephalus graminifolius* (L.) OPIZ 1838. — Validly published with a generic diagnosis. — Basionym: *Scabiosa rotte* *Trochocephalus* MERTENS et KOCH, J. C. Röhlings Deutschland Flora 1/2 : 756, 1823 (directly indicated by OPIZ in 1838).

Veselskya OPIZ, Lotos 4 : 257, 1856 (*Cruciferae*). — Type species: *Pyramidium griffithianum* BOISS. = *Veselskya griffithiana* (BOISS.) OPIZ 1856. — Basionym: *Pyramidium* BOISSIER, Diagnoses Plantarum novarum ser. III., no. 1, p. 46—47, 1853 non *Pyramidium* BRIDEL, Bryologia universalis 1 : 108, 1826 (Musci, validly published). — Validly published by direct indication of the diagnosis.

Weitenwebera OPIZ in BERCHTOLD et OPIZ, Ökon. techn. Flora Böhmens 2/2 : 9, 1839 (*Campanulaceae*). — Type species: not yet selected. — Validly published in a generic key without mention of any species. — OPIZ later mentioned *Weitenwebera* on this occasions: in Seznam

p. 104—105, 1852 where there are two species: *Weitenwebera glomerata* (L.) OPIZ = *Campanula glomerata* L. and *Weitenwebera cervicaria* (L.) OPIZ = *Campanula cervicaria* L. and no connection with 1839 or other genus is given. In Lotos 4 : 105, 1854 *Weitenwebera* OPIZ is published as a name change for *Marianthemum* SCHRANK. OPIZ cites *Marianthemum* SCHRANK only from Bot. Ztg. (Flora oder Botanische Zeitung) 1. beil. 7/2 : 53—55, 1824, but this genus was published at an earlier date in Denkschr. bot. geselsch. Regensburg 2 : 34, 1822 as a monotypical genus with *Marianthemum panonicum* BERNH. in SCHRANK., which is said to be identical with *Campanula sibirica* L. The problem as to whether this genus is legitimate or not must be solved by a nomenclatural revision of the genera of the *Campanulaceae*. — Homonym: *Weitenwebera* OPIZ, Lotos 7 : 235, 1857 (*Lichenes*) a name change for *Bilimbia* DE NOTARIS.

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