

Five new nomenclatural combinations for taxa from the fifth volume of “Květena České republiky”

Pět nových nomenklatorických kombinací pro taxony z 5. svazku “Květeny České republiky”

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Five new nomenclatural combinations are proposed for two species of *Sassia* (a segregant of *Oxalis*), a subspecies of *Heracleum sphondylium* and two subspecies belonging to octoploid complex of *Valeriana officinalis* agg.

Key words: Taxonomy, nomenclature, Czech Republic, *Heracleum sphondylium*, *Oxalis*, *Sassia*, *Valeriana officinalis* agg.

For the fifth volume of “Květena České republiky” (Flora of the Czech Republic) manuscripts on several taxonomic groups have been prepared by the present author, i. e. *Cornaceae*, *Oxalidaceae*, *Heracleum* and *Trinia* (Holub), *Dipsacaceae* p. p. max. (J. Štěpánek et J. Holub) and *Valeriana* (J. Holub et J. Kirschner). As results of these my studies on the given groups, changes in taxonomy and nomenclature of some included taxa have appeared as necessary. These changes resulted in proposals of five new nomenclatural combinations. With regard to the editorial policy of “Květena”, new combinations should not be published directly in “Květena” and have to be published elsewhere separately. Therefore they were included in a manuscript of a more extensive publication (Holub, in preparation), but as proceeding of edition of the fifth volume of “Květena České republiky” has substantially progressed, they have to be quick published separately in this short communication.

1. *Heracleum sphondylium* subsp. *glabrum* (Huth) Holub, comb. nova. – Bas.: *Heracleum sphondylium* var. *glabrum* Huth Fl. Frankfurt a. O., ed. 2, 61, Frankfurt a. O. 1882. – Syn. (parabasionym): *H. sibiricum* subsp. *glabrum* (Huth) Briquet, *Candollea* 2: 25, 1924.

The earliest name for the taxon in the subspecific rank is that by Briquet quoted above, which determinates the priority of the epithet in this rank. Sometimes the combination *H. sphondylium* subsp. *flavescens* (Willd.) Soó, *Bot. Közlem.* 60: 191, 1963, has recently been used for the plant, but this combination was published invalidly in that place.

2. *Sassia debilis* (Humb., Bonpl. et Kunth) Holub, comb. nova. – Bas.: *Oxalis debilis* Humboldt, *Bonpland et Kunth Nova Gen. Spec. Plant.* 5: 236, Paris 1821.

3. *Sassia latifolia* (Humb., Bonpl. et Kunth) Holub, comb. nova. – Bas.: *Oxalis latifolia* Humboldt, *Bonpland et Kunth Nova Gen. Spec. Plant.* 5: 237, tab. 467, Paris 1821.

Oxalis L. is a very hereromorphic genus, especially with regard to existence of various very different “life-forms” (growth-forms) within it, which present a very distinct and characteristic geographic pattern of their

occurrence being confined to certain geographic regions, parts of the whole distribution area of the genus. The rich species content of this generally broadly circumscribed genus divides into a whole series of groups, some of which may be classified as separate genera. In addition to *Xanthoxalis* Small accepted by the present author already earlier (Holub 1972), a very distinct group of taxa is represented by bulbous plants with leaves only in basal rosettes occurring mostly in South and Central America and reaching southern areas of North America. These plants belong to the genus *Sassia* Molina (syn.: *Ionoxalis* Small), accepted by the present author in advance several years ago (Holub et Holubičková 1980). It is a genus rich in species (50–120 species), but taxonomically very intricate. Here only two nomenclatural combinations for species included in “Květena” are proposed; further combinations with this generic name will be published elsewhere later.

4. *Valeriana excelsa* subsp. *sambucifolia* (Mikan fil.) Holub, comb. nova. – Bas.: *Valeriana sambucifolia* Mikan fil. in Pohl Tent. Fl. Bohem. 1: 41, Prag 1809. – Syn. (parabasionym): *V. officinalis* subsp. *sambucifolia* (Mikan fil.) Čelak. Prodr. Fl. Böhmen, 270, 1871.

5. *Valeriana excelsa* subsp. *transiens* (E. Walther) Holub, comb. nova. – Bas.: *Valeriana sambucifolia* var. *transiens* E. Walther, Mitteil. Thüring. Bot. Ges., Append. 1: 50, Jena 1949. – Syn. (parabasionym): *V. sambucifolia* subsp. *transiens* (E. Walther) Á. Löve et D. Löve, Bot. Notiser 114: 55, 1961.

The name *Valeriana excelsa* Poiret in Lam. Encycl. Méthod. Bot. 8: 301, 1808, does seem to belong to the variable complex of octoploid populations and local races within *V. officinalis* agg. and has priority over the name *V. sambucifolia* Mikan fil. 1809. Many transitions exist among the included octoploid taxa and therefore the rank of subspecies within one species seems to be the most useful rank for their classification. In the area of the Czech Republic (as in a greater part of Central Europe) two basic taxa occur, the more western type subsp. *procurrens* and the more eastern type subsp. *sambucifolia*; a transition type between them – subsp. *transiens* – occurs very often in Central Europe. It is not clear at present, to which of these three (or also further) octoploid taxa the nomenclatural type of *V. excelsa* Poiret belongs, so the name *V. excelsa* subsp. *excelsa* is not used in the accepted classification at present. A combination *V. excelsa* subsp. *procurrens* (Wallr.) Holub was proposed by the present author already earlier (Holub 1977).

Souhrn

Pro potřeby díla „Květena České republiky“ (5. svazek) je navrženo 5 nových nomenklatorických kombinací. U *Heracleum sphondylium* subsp. *glabrum* nutnost nové kombinace vyplývá z prioritní existence subspecifického epiteta „*glabrum*“; někdy užívaná kombinace *H. sphondylium* subsp. *flavescens* (Willd.) Soó 1963 je nomenklatoricky invalidní. Rod *Oxalis* je na území České republiky rozdělen do 3 rodů – *Oxalis* L., *Xanthoxalis* Small a *Sassia* Molina. Posledně zmíněný rod zahrnuje cibulnaté rostliny s přízemní různíci listovou mající původní výskyt převážně v Jižní a Střední Americe; u nás jej reprezentují dva agresivní plevele v zahradnictvích – *Oxalis debilis* Humb., Bonpl. et Kunth a *O. latifolia* Humb., Bonpl. et Kunth, pro něž jsou navrženy příslušné nomenklatorické kombinace s rodovým jménem *Sassia*. Pro oktoploidní zástupce okruhu *Valeriana officinalis* agg. je užito jméno *Valeriana excelsa* Poiret 1808, mající prioritu proti jménu *V. sambucifolia* Mikan fil. 1809. V rámci tohoto druhu jsou na území ČR rozeznávány 3 subspecie. Pro jednu z nich – *V. excelsa* subsp. *procurrens* – bylo příslušné jméno navrženo již dříve; pro další 2 – subsp. *sambucifolia* a subsp. *transiens* – jsou nová jména navržena v tomto příspěvku. Subsp. *transiens* je přechodný typ mezi subsp. *procurrens* a subsp. *sambucifolia*, poměrně hojně zastoupený na území ČR.

Literatura

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