

***Sorbus hugh-mcallisteri*, nom. nov. for *Sorbus apiculata* McALLISTER 2005, nom. illeg.**

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Abstract: *Sorbus apiculata* McALLISTER 2005 is a later homonym of *Sorbus apiculata* (KOVANDA) MIKOLÁŠ. The new name *Sorbus hugh-mcallisteri* MIKOLÁŠ is applied for the species. The species belongs to the section *Multijugae* (T.T.YU) McALL. It is known from NW Yunnan, China. *Sorbus apiculata* (KOVANDA) MIKOLÁŠ 2004 is a member of *Sorbus danubialis* agg. (*Sorbus* subg. *Aria*) with the occurrence in Bohemia, Czech Republic.

Keywords: *Sorbus*, *Sorbus apiculata*, *S. hugh-mcallisteri*, Czech Republic, China

HUGH McALLISTER, the best specialist of the genus of *Sorbus* s.s., recently described 28 species in his monograph of the genus (McALLISTER 2005). The author accepts the genus *Sorbus* in its strict sense (with the type species *S. acucuparia* L.), splitting it up into 2 subgenera: subgenus *Sorbus* and subgenus *Albocarmesinae* McALL. The latter includes species with fruits lacking chromoplasts and with white to crimson coloration. Some species have crimson petals, the character parallel to the European subg. *Chamaemespilus* (MEDICUS) K.KOCH of the genus *Sorbus* (or *Aria* (PERSOON) HOST if we accept the narrow concept of the genus *Sorbus* used by McALLISTER). The species of the subgenus are distributed in the Sino-Himalayan floristic region. *Sorbus apiculata* McALL. belongs to section *Multijugae* (T.T.YU) McALL., including numerous microspecies. Other sections embraced in the subgenus *Albocarmesinae* are the following: sect. *Discolores* (T.T.YU) McALL., *Insignes* (T.T.YU) McALL. (the correct name of this section is *Albocarmesinae*, because the type species *S. insignis* of the subgenus belongs here), *Hypoglaucae* McALL. and *Reductae*

[T.T.Yu) McALL. The section *Multijugae* is characteristic by combination of numerous leaflets (8 and more), soft fruits, flat inflorescence and petiole base not sheathing. *S. apiculata* McALL. (one of numerous microspecies of the section) is characterized by pearly white fruits, with moderately fleshy calyx lobes and 12-14 pairs of apiculate (name !), ovoid-oblong leaflets. It is one of probably apomictic microspecies in the section and its occurrence is recently known from NW part of Yunnan, China (NE of Zongdian, Hengduan Mts.), the well-known regional hot spot (KELLEY 2006).

Sorbus apiculata (KOVANDA) MIKOLÁŠ 2004 was validly published (comb. et stat. nov.) in the journal *Thaiszia* (vol. 13: p. 130, „2003“, 2004, basionym: *S. graeca* (SPACH) KOTSCHY var. *apiculata* KOVANDA, *Acta Dendrol. Českoslov.* 3: p. 60, *Icones*: p. 61, Fig. 11, 1961). This microspecies is the member of the subgenus *Aria*, close to *S. danubialis* (JÁV.) KÁRP. However, it is not probably a diploid species as it was published earlier (JANKUN et KOVANDA 1987). The species is probably tetraploid (VÍT 2006) and it is characteristic by a pointed apex of little, rhombic leaves. The microspecies is, perhaps, an endemic of Bohemia, Czech Republic. The type comes from the vicinity of Zbraslav, Hradiště hill (central Bohemia; today the locality belongs to the southernmost part of Prague). The microspecies is probably widely distributed in Bohemia (KOVANDA 1961, JANDA 2006, pers.comm.). KOVANDA (1961, p. 61) evaluates his *Sorbus graeca* var. *apiculata* as „not homogenous in its shut-in Bohemian area“. The typical specimens are (according to KOVANDA 1961) growing in phyllites of lower Vltava region. KOVANDA (1961) also gives data from the surroundings of Mohelno and Pavlov Hills (both in SE part of the Czech Republic) and even from surroundings of Hajnáčka and Humenné (central and eastern Slovakia). These plants, at least from the last locality (Mt. Sokol), are certainly not identical with this taxon (MIKOLÁŠ, pers. observ.). Probably *S. apiculata* (KOVANDA) MIKOLÁŠ is growing only in Bohemia. *S. danubialis* agg. includes also several other narrow microspecies in Bohemia (MIKOLÁŠ, pers. observ.; JANDA, pers. observ.).

Because the name *S. apiculata* (KOVANDA) MIKOLÁŠ was validly published in 2004, the use of name *S. apiculata* McALL. (McALLISTER H.: *The genus Sorbus. Mountain ash and other rowans*, p. 234: 51. *Sorbus apiculata* McALL., 2005) is to be considered as a later homonym of the former (taxonomically of different species), and it is necessary to substitute it. I hereby propose a nomen novum (replacement name) for it. The name underlines the basic importance of HUGH McALLISTER for taxonomy of *Sorbus* s.s.

***Sorbus hugh-mcallisteri* MIKOLÁŠ, nom. nov.** (*Sorbus apiculata* McALLISTER, *The genus Sorbus, The mountain ash and other rowans*, p. 234, nr. 51, The Royal Botanic Gardens, Kew, 2005), nom illeg., non *Sorbus apiculata* (KOVANDA) MIKOLÁŠ (*Thaiszia* 13: p. 130, „2003“, 2004).

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