

Typifications of Kerner names 5: *Knautia persicina* (Dipsacaceae)

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Knautia persicina A. KERN., Fl. Exs. Austro-Hung. no. 2275 (1883); Sched. Fl. Exs. Austro-Hung. 6: 99 (1893).

Lectotypus (hoc loco design.): Austria: "Flora exsiccata Austro-Hungarica / 2275. *Knautia persicina* / A. Kerner in Schedis / Ad confines Tiroliae australis et Venetiae. In pascuis Malera montium Lessinensium; 1800–1700^{mt}. s. m.; solo calcareo. / [sine dato] Rigo" [WU].

Original material of this species is confined to the "Flora exsiccata" collection of Rigo.

K. persicina, of the mountains east of Lago di Garda, is another tetraploid species like *K. baldensis* (see above), and is linked to the latter with putative hybrids.

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Typifications of Kerner names 6: *Arabis petrogena* (Cruciferae)

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Arabis petrogena A. KERN., Oesterr. Bot. Z. 13: 141 (1863)

≡ *Cardaminopsis petrogena* (A. KERN.) MĚSÍČEK, Preslia 32: 246 (1970)

≡ *Cardaminopsis arenosa* subsp. *petrogena* (A. KERN.) SOÓ, Acta Bot. Acad. Sci. Hung. 16: 371 (1971)

≡ *Arabidopsis petrogena* (A. KERN.) V. I. DOROF., Turczaninowia 5(3): 36 (2002).

Lectotypus (hoc loco design.): Hungary: "Arabis petrogena Kerner / Adlersberg bei Ofen / [sine dato] Kerner" [WU-KERNER]

In the protologue Kerner reported that the plant occurs in Hungary in "locis petrosis montium circa Budam" from where it was reported earlier by J. Sadler as "*A. arenosa*", and specifies its occurrence as "communissima in monte Adlersberg et in rupibus dolomitibus vallis Auwinkel" There are 3 sheets in his herbarium named "*Arabis petrosa*" collected by himself from "montibus budensibus" resp. "Adlersberg bei Ofen",

and with labels in his handwriting. One consists of 2 complete plants, one in an early and one in a well developed flowering stage, respectively, plus an inflorescence in an early fruiting stage. Another consists of 2 plants with rather ripe fruits, with a note "unterscheidet sich außer den von mir in der Diagn. angegebenen Merkmalen auch durch den fehlenden Griffel" The third sheet ("In montibus budensibus") consists of 3 flowering specimens. Though undated, these 3 sheets obviously represent eligible original material. The first one is preferred here as lectotype as it is well preserved, and the central specimen especially shows the conspicuous white petals which are diagnostic for the taxon.

Arabis petrogena belongs to *Arabidopsis arenosa* agg. (*Cardaminopsis arenosa* (L.) HAYEK sensu lato in most floristic papers, following SCHOLZ 1962; *Arabidopsis arenosa* (L.) LAWALRÉE as defined by O'KANE & AL-SHEHBAB (1997) in their recent synopsis of the emended genus). This aggregate circumscribes a mainly Central European complex of several diploid and tetraploid cytotypes (MĚSÍČEK 1970), with greatest diversity in the Carpato-Pannonian region. *Arabidopsis petrogena* is one of the morphologically better defined taxa according to MĚSÍČEK (1970) and KRÁLIK (2002), occurring with diploid and (presumably auto-) tetraploid populations in eastern Central Europe. Materials from the type region belong to the latter cytotype (MĚSÍČEK 1970) which is more widespread than are the diploids (KRÁLIK 2002). It is known to occur at the Devinska kobyla (Slovakia) but is missing on the opposite (Austrian) side of the Danube in the region of Hainburger Berge.

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