



## A new combination in *Mcneillia* (Caryophyllaceae) for the Italian flora

FABRIZIO BARTOLUCCI<sup>1</sup>\*, FABIO CONTI<sup>1</sup>, DUILIO IAMONICO<sup>2</sup> & E. DEL GUACCHIO<sup>3</sup>

<sup>1</sup> Centro Ricerche Floristiche dell'Appennino (Università di Camerino-Parco Nazionale del Gran Sasso e Monti della Laga), 67021 Barisciano (AQ), Italy; e-mail [fabrizio.bartolucci@gmail.com](mailto:fabrizio.bartolucci@gmail.com)

<sup>2</sup> Laboratory of Phytogeography and Applied Geobotany, Section Environment and Landscape, Department PDTA, University of Rome Sapienza, 00196 Rome, Italy

<sup>3</sup> Bagnolifutura S.p.A., 80124 Naples, Italy

\*Corresponding author

On the basis of DNA sequences of nrITS and plastid *matK* from 160 ingroup and 105 outgroup samples, Dillenberger & Kadereit (2014) reconstructed the phylogeny and the evolution of the relevant morphological characters of the genus *Minuartia* Linnaeus (1753: 89), to show that this genus is highly polyphyletic. A revised circumscription of *Minuartia* was proposed with the recognition of *Cherleria* Linnaeus (1753: 425), *Eremogone* Fenzl (1833: 13), *Facchinia* Reichenbach (1841: 63), *Mononeuria* Reichenbach (1841: 118), *Rhodalsine* Gay (1845: 25), *Sabulina* Reichenbach (1832: 24) and *Triplateia* Bartling (1830: 305), and recognition of new genera *Mcneillia* Dillenberger & Kadereit (2014: 83), *Minuartiella* Dillenberger & Kadereit (2014: 84) and *Pseudocherleria* Dillenberger & Kadereit (2014: 84).

Among the Italian endemic Caryophyllaceae (Iamónico 2013, Peruzzi *et al.* 2014), six entities are included in *Minuartia* as traditionally recognized: *M. glomerata* (Bieberstein 1808: 350) Degen in Fritsch (1910: 319) subsp. *trichocalycina* (Tenore & Gussone in Tenore 1835: 16) F. Conti (1997: 75), *M. graminifolia* (Arduino 1764: 25) Jávorka (1914: 22) subsp. *graminifolia*, *M. graminifolia* (Ard.) Jáv. subsp. *rosanoi* (Tenore 1811: 26) Mattfeld (1921: 57), *M. grignensis* (Reichenbach 1842: 88) Mattfeld (1922: 141), *M. laricifolia* Schinz & Thellung (1907: 403) subsp. *ophiolitica* Pignatti (1973: 207), and *M. moraldoi* F. Conti (2001: 193). *Minuartia glomerata* subsp. *trichocalycina* is the only taxon that remains in *Minuartia* [see Dillenberger & Kadereit (2014: Appendix S3)]. Concerning *M. graminifolia* s.s., and *M. moraldoi*, new combinations were proposed [respectively as *Mcneillia graminifolia* (Ard.) Dillenberger & Kadereit (2014: 83) and *Mcneillia moraldoi* (F. Conti) Dillenberger & Kadereit (2014: 84)], while the names *M. grignensis* and *M. laricifolia* subsp. *ophiolitica* are treated in an ongoing work by M. Dillenberger [*M. grignensis* as a member of *Facchinia*] and by A. Moore [*M. laricifolia* subsp. *ophiolitica* to be placed in *Cherleria*] (M. Dillenberger, and A. J. Moore pers. comm.). Concerning *M. graminifolia* subsp. *rosanoi* all of its diagnostic features match those of *Mcneillia* (see Dillenberger & Kadereit l.c.), specifically: bracts similar to stem leaves, sepals acuminate, 5–many-veined with marginal veins conspicuous beyond the middle of the sepal length, and petals obovate, narrowly cuneate at the base that are longer than the sepals. Considering that *Minuartia graminifolia* is the type *Mcneillia* (Dillenberger & Kadereit 2014), and in agreement with the taxonomic treatment of this species suggested by Conti (2003) in which the subsp. *rosanoi* is re-evaluated, we propose the following new combination:

*Mcneillia graminifolia* (Ard.) Dillenb. & Kadereit subsp. *rosanoi* (Ten.) F. Conti, Bartolucci, Iamónico & Del Guacchio, *comb. nov.*

Basionym: *Arenaria rosanoi* Tenore (1811: XXVI).

Type (lectotype designated by Conti & Santangelo 2001: 195, Fig. 2):—ITALY, Basilicata, *sine die, sine collector s.n.* (NAP!, exsiccatum on the bottom-right).

≡ *Minuartia graminifolia* (Ard.) Jáv. subsp. *rosanoi* (Ten.) Mattf.

**Note:**—The spelling of the epithet “*rosanoi*” follows the Art. 60.7 of the ICN (McNeill *et al.* 2012).

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