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Author(s): Chen Shilong, Richard K. Rabeler, Nicholas J. Turland

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Two New Names in Chinese *Stellaria* (Caryophyllaceae)

Chen Shilong

North-western Plateau Institute of Biology, Chinese Academy of Sciences, 57 Xiquan Street,
Xining, Qinghai 810001, People's Republic of China

Richard K. Rabeler

University of Michigan Herbarium, 1205 N. University Ave., Ann Arbor, Michigan 48109-
1057, U.S.A.

Nicholas J. Turland

Missouri Botanical Garden, P.O. Box 299, St. Louis, Missouri, 63166-0299, U.S.A.

ABSTRACT. During preparation of the account of *Stellaria* L. (Caryophyllaceae) for the *Flora of China*, Volume 6, it was noticed that two names are illegitimate later homonyms: *Stellaria arenaria* Maximowicz, non Linnaeus, and *Stellaria pilosa* Franchet, non Dulac. Therefore, the following new names (nomina nova) are provided here: *Stellaria arenarioides* Shi L. Chen, Rabeler & Turland and *Stellaria pilosoides* Shi L. Chen, Rabeler & Turland.

Key words: Caryophyllaceae, China, *Stellaria*.

Stellaria arenarioides Shi L. Chen, Rabeler & Turland, nom. nov. Replaced synonym: *Stellaria arenaria* Maximowicz, Fl. Tangut. 91. 1889, non Linnaeus, Sp. Pl. 2: 1196. 1753. TYPE: China. Xizang [Tibet]: "Dzhagin-gol," 23 July 1884, *Przewalski s.n.* (holotype, LE not seen).

Stellaria arenaria Maximowicz (1889) was originally described from Xizang Autonomous Region (Tibet), China. Unfortunately, the name is illegitimate under Article 53.1 of the *Saint Louis Code* (Greuter et al., 2000) because an earlier homonym exists: *S. arenaria* L. (1753). The latter name was described from Spain and is now treated as *Arenaria hispanica* Sprengel (see López González, 1990). Maximowicz's species will be accepted by Chen and Rabeler (in press) in their forthcoming account of *Stellaria* in the *Flora of China*, Volume 6, as occurring in Gansu, Qinghai, Xinjiang, and Xizang provinces and autonomous regions. Therefore a new name (nomen novum) for the Chinese species is required, and *S. arenarioides* Shi L. Chen, Rabeler & Turland is provided here. *Stellaria arenarioides* is a member of a small group of central Asian *Stellaria* species, often recognized as

Stellaria sect. *Adenonema* (Bunge) Turczaninow, characterized by a densely cushion-like habit, petals shorter than sepals, 2 or 3 styles (see Kozhevnikov, 1983, for inclusion of bistylous species), many ovules, 4 or 6 capsule valves, and 1 or 2 (to 8) seeds. *Stellaria arenarioides* is distinguished from other members of this group by having small stature (5–7 cm tall), stems that are glabrous proximally and pubescent distally, ovate to ovate-lanceolate leaves, 3 styles, and 6 capsule valves.

Stellaria pilosoides Shi L. Chen, Rabeler & Turland, nom. nov. Replaced synonym: *Stellaria pilosa* Franchet, Pl. Delavay. 99. 1889, non Dulac, Fl. Hautes-Pyrénées, 250. 1867. TYPE: Yunnan. "Ad oras silvarum ad collum Koua-la-po (Hokin)," 3000 m, 13 July 1886 (f), *P. J. M. Delavay 2155* (holotype, P not seen).

Stellaria pilosa Franchet (1889) was originally described from Yunnan Province, China. Unfortunately, the name is illegitimate under Article 53.1 of the *Saint Louis Code* (Greuter et al., 2000) because an earlier homonym exists: *S. pilosa* Dulac (1867). This earlier homonym is itself illegitimate under Article 52.1 because it was nomenclaturally superfluous when published, i.e., when *S. media* (L.) Villars was cited in the synonymy of *S. pilosa* Dulac, the type of *Alsine media* L. (1753) was definitely included (Article 52.2(e)) and its epithet ought to have been adopted. Nevertheless, Article 53 Note 1 rules that the later homonym (*S. pilosa* Franchet) is unavailable for use even if the earlier homonym is illegitimate. Franchet's species will be accepted by Chen and Rabeler (in press) in their forthcoming account of *Stellaria* in the *Flora of China*, Volume 6, as endemic to Sichuan and Yun-

nan provinces. Therefore a new name (nomen novum) for this Chinese species is required, and *S. pilosoides* Shi L. Chen, Rabeler & Turland is provided here. *Stellaria pilosoides* is probably most closely related to *Stellaria petiolaris* Handel-Mazzetti. The former species is distinguished from *S. petiolaris* by having oblong-lanceolate leaves that are pilose on both surfaces, petals slightly shorter than the sepals, and 10 stamens.

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