
Atriplex argentea var. *expansa* (Chenopodiaceae), a New Combination for the *Flora of North America*

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ABSTRACT. The name *Atriplex argentea* var. *mohavensis* is not correct when *A. expansa* is treated as a synonym. Publication of its basionym, *A. expansa* var. *mohavensis*, created the autonym, variety *expansa*, which has priority according to the *International Code of Botanical Nomenclature* (Art. 11.6). Thus, the combination *A. argentea* var. *expansa* is established to replace the name variety *mohavensis* used in volume 4 of the *Flora of North America*.

Key words: *Atriplex*, Chenopodiaceae, North America.

The name *Atriplex argentea* var. *mohavensis* (M. E. Jones) S. L. Welsh, adopted but not validly published by Taylor and Wilken (1993), was validly published by Welsh (2003) just prior to its inadvertent republication in the *Flora of North America* (Welsh, 2004a: 351). Two months later the name was proposed yet again (Welsh, 2004b), although it would not have been valid (Art. 33.3; Greuter et al., 2000) as the date of the basionym was not included in the protologue. In any case, the two later publications are isonyms and as such have no nomenclatural status (Art. 6, Note 1). The validly published name was not correct as Welsh (2003) cited *A. expansa* S. Watson in synonymy (not mentioned in the FNA volume because of their editorial style of limiting citation of synonyms). Inasmuch as the basionym, *A. expansa* S. Watson var. *mohavensis* M. E. Jones, automatically created the autonym, variety *expansa*, this epithet has priority (Art. 11.6; Greuter et al., 2000). *Atriplex argentea* var. *mohavensis*, while superfluous when published (Art. 52.1), is legitimate and may be used if *A. expansa* is excluded from synonymy. That not being the case according to Welsh (2003, 2004b), the following combination is required.

***Atriplex argentea* Nutt. var. *expansa* (S. Watson) S. L. Welsh & Reveal, comb. nov.** Basionym:

Atriplex expansa S. Watson, Proc. Amer. Acad. Arts 9: 116. 1874. *Atriplex argentea* subsp. *expansa* (S. Watson) H. M. Hall & Clements, Publ. Carnegie Inst. Wash. 326: 301. 1923. TYPE: U.S.A. New Mexico: "39. Chenop. sand bars in Rio Grande below Dona Ana, July 28, 1851," C. Wright 574 (lectotype, designated by Welsh (2003: 26), GH).

Atriplex trinervata Jepson, Pittonia 2: 305. 1892. *Atriplex expansa* S. Watson var. *trinervata* (Jepson) J. F. Macbride, Contr. Gray Herb. 53: 9. 1918. TYPE: U.S.A. California: Solano Co., near the Araquipa Hills, 22 Sep. 1891, W. L. Jepson s.n. (holotype, JEPS; isotype, RSA).

The holotype is a single specimen mounted on three sheets (JEPS 2770–2772).

Atriplex expansa S. Watson var. *mohavensis* M. E. Jones, Contr. W. Bot. 11: 20. 1903. *Atriplex argentea* Nutt. var. *mohavensis* (M. E. Jones) S. L. Welsh, N. Amer. Sp. Atriplex: Addendum [p. 159]. 2003. TYPE: U.S.A. California: Kern Co., Mojave, 26 Aug. 1894, M. E. Jones s.n. (lectotype, designated by Welsh (2003: 26), POM).

Atriplex sordida Standley, N. Amer. Fl. 21: 47. 1916. TYPE: U.S.A. California: Riverside Co., San Jacinto Valley, 1880, G. Vasey 549 (holotype, US).

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Literature Cited

- Greuter, W., J. McNeill, F. R. Barrie, H. M. Burdet, V. Demoulin, T. S. Filgueiras, D. H. Nicolson, P. C. Silva, J. E. Skog, P. Trehane, N. J. Turland & D. L. Hawksworth (editors). 2000. International Code of Botanical Nomenclature (Saint Louis Code). Regnum Veg. 138.
Taylor, D. & D. Wilken. 1993. *Atriplex*. Pp. 501–505 in J. Hickman (editor), The Jepson Manual: Higher Plants of California. Univ. California Press, Berkeley.
Welsh, S. L. 2003. North American species of *Atriplex* Linnaeus (Chenopodiaceae). Provo, Utah [privately published].
———. 2004a ("2003"). *Atriplex*. Fl. N. Amer. 4: 322–381.
———. 2004b ("2003"). A new combination in *Atriplex argentea* (Chenopodiaceae). Madroño 50: 310.



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