

A NEW NAME FOR *ARISTIDA HAMULOSA* (GRAMINEAE)

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ABSTRACT

A name change is proposed in the grass genus *Aristida* to accommodate an earlier homonym: *Aristida ternipes* var. *gentilis* (Henrard) *comb. nov.* to replace *A. ternipes* var. *hamulosa* (Henrard) Trent.

KEY WORDS: *Aristida hamulosa*, nomenclature, Gramineae

In preparing the treatment for the grass genus *Aristida* for the forthcoming revision of the *Manual of the Grasses of the United States* (Hitchcock & Chase 1951) by Mary Barkworth and collaborators, an earlier homonym was discovered that must replace a later, though more familiar, name.

Hook threeawn, a common *Aristida* of the southwestern United States and México, was long known by the name *Aristida hamulosa* Henrard. Trent & Allred (1990) demonstrated the conspecific nature of the three-awned *A. hamulosa* and the single-awned *A. ternipes* Cavanilles, and effected the combination *A. ternipes* Cavanilles var. *hamulosa* (Henrard) Trent to reflect this association. They did not consider for priority, however, *A. gentilis* Henrard or *A. gentilis* var. *breviaristata* Henrard, thinking incorrectly that these did not belong to *A. hamulosa*. However, an examination of the types has since revealed that both *A. gentilis* and *A. gentilis* var. *breviaristata* fit well within the circumscription of *hamulosa*, though var. *breviaristata* has lateral awns somewhat shorter than average (only 4-6 mm long).

At the varietal level, the epithets to be considered for hook threeawn (see synonymy below) are *Aristida humboldtiana* Trin. & Rupr. var. *minor* Vasey (1892), *A. gentilis* var. *gentilis* (1927; this is the autonym created by *A. gentilis* var. *breviaristata*, *A. gentilis* var. *breviaristata* (1927), and *A. ternipes* var. *hamulosa* (1990). The var. *minor* Vasey has priority, but is not available in combination with *A. ternipes* because of the already existing *A. ternipes* var. *minor* (Vasey) A.S. Hitchcock (based on *A. schiedeana* var. *minor* Vasey [1886]

and corresponding to the single-awned var. *ternipes* and not the three-awned form under consideration here). Both *gentilis* and *breviaristata* date from 1927, but an autonym has priority over the name that establishes it (Article 57.3, ICBN). The epithet *gentilis* thus takes priority at the varietal rank for hook threeawn and the following combination and synonymy are proposed:

Aristida ternipes* Cavanilles var. *gentilis* (Henrard) Allred, *comb. nov.

BASIONYM: *Aristida gentilis* Henrard var. *gentilis* (autonym created by *Aristida gentilis* Henrard var. *breviaristata* Henrard), Meded. Rijk. Herb. Leiden 54a:255 (1927). TYPE: MEXICO. Aguascalientes: near Aguascalientes, 2 Oct 1910, A.S. Hitchcock 7448 (Isotype: US!).

Aristida humboldtiana Trinius & Ruprecht var. *minor* Vasey, Contr. U.S. Nat. Herb. 3:47 (1892). TYPE: U.S.A. Texas: *Nealley s.n.* (HOLOTYPE: US!). Not *Aristida ternipes* Cavanilles var. *minor* (Vasey) A.S. Hitchcock, which is based on *Aristida schiedeana* Trinius & Ruprecht var. *minor* Vasey (1886). (HOLOTYPE: US!).

Aristida hamulosa Henrard, Meded. Rijk. Herb. Leiden 54:219 (1926); *Aristida ternipes* Cavanilles var. *hamulosa* (Henrard) Trent, Sida 14:260 (1990). TYPE: U.S.A. Arizona: Tucson, 30 Sep 1894, J.W. Toumey *s.n.* (Isotype: US!).

Aristida gentilis Henrard, Meded. Rijk. Herb. Leiden 54:196 (1926); *Aristida gentilis* Henrard var. *gentilis* (autonym created by *Aristida gentilis* Henrard var. *breviaristata* Meded. Rijk. Herb. Leiden 54a:255 [1927]). TYPE: MEXICO. Aguascalientes: near Aguascalientes, 2 Oct 1910, A.S. Hitchcock 7448 (Isotype: US!).

Aristida gentilis Henrard var. *breviaristata* Henrard, Meded. Rijk. Herb. Leiden 54a:255 (1927). TYPE: U.S.A. Arizona: north slope of Santa Rita Mts, 18 Sep 1904, D. Griffiths 7270 (Isotype: US!).

Aristida imbricata Henrard, Meded. Rijk. Herb. Leiden 54a:253 (1927). TYPE: U.S.A. Texas: near El Paso, 10 Dec 1904, D. Griffiths 7433 (Isotype: US!).

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