

A new combination in *Heliotropium* (Boraginales: Heliotropiaceae)**Richard R. Halse and Christian Feuillet**

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ABSTRACT

The new combination *Heliotropium hartwegianum* (Steudel) Halse & Feuillet is made for a forthcoming volume of Flora North America North of Mexico. *Published online www.phytologia.org Phytologia 104(2): 10 (June 21, 2022). ISSN 030319430.*

KEY WORDS: *Heliotropium*, *Tournefortia*, Heliotropiaceae, new combination

Hilger & Diane (2003), in their molecular analysis of the Heliotropiaceae, showed that the large genus *Tournefortia* was polyphyletic. Species in *Tournefortia* sect. *Cyphocyema* are best treated as being in the genus *Myriopus* while species in *Tournefortia* sect. *Tournefortia* warrant inclusion within the genus *Heliotropium*. This position was followed by Craven (2005). One such species, *Tournefortia hartwegiana*, should be transferred to *Heliotropium* so that it may be included in the forthcoming treatment of the genus in Flora North America.

Heliotropium hartwegianum (Steudel) Halse & Feuillet, **comb. nov.** Basionym: *Tournefortia hartwegiana* Steud. Nomencl. Bot. (ed. 2):693. 1841. = *Tournefortia undulata* Benth., Pl. Hartw. p. 20 & 346n. 1839. **LECTOTYPE** (here designated): Mexico. Jalisco. Bolaños, 1829. *Hartweg 156*, K [barcode K000478201]. Not *Tournefortia undulata* Ruiz & Pavon, Fl. Perur. 2:25. 1799. Not *Heliotropium undulatum* Vahl, Symb. Bot. 1:13. 1790. Synonym: *Tournefortia capitata* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11 (2): 332. **LECTOTYPE** (here designated): Mexico. Oaxaca, Sept. 1840, *H.G. Galeotti* 1260, BR [barcode BR 696805]; isolectotype G [barcode G00236227].

LITERATURE CITED

- Craven, L. A. 2005. Malesian and Australian *Tournefortia* transferred to *Heliotropium* and notes on delimitation of Boraginaceae. *Blumea* 50:375-381.
- Hilger, H. H. and N. Diane. 2003. A systematic analysis of Heliotropiaceae (Boraginales) based on *trnL* and ITS1 sequence data. *Bot. Jahrb. Syst.* 125:19-51.