

***Holographis haenkeana*, a New Combination for *Crossandra haenkeana* (Acanthaceae: Acantheae)**

Thomas F. Daniel ^{1,3}, Lucinda A. McDade ², Carrie A. Kiel ²

¹Department of Botany, California Academy of Sciences, 55 Music Concourse Drive, San Francisco, California 94118, USA; ²California Botanic Garden, 1500 North College Avenue, Claremont, California 91711, USA; ³Corresponding author: Email: tdaniel@calacademy.org

Aphelandra verticillata, a legitimate replacement name for *Crossandra haenkeana* (non *Aphelandra haenkeana*), was recently transferred to *Holographis*, and the new combination *H. verticillata* was made. However, that new combination was superfluous and illegitimate because of the availability of the earliest epithet (*haenkeana*) in *Holographis*. Therefore, a new combination, *H. haenkeana*, is herewith proposed, and the nomenclatural history of this species is briefly reviewed.

KEYWORDS: Nomenclature, illegitimate names, *Aphelandra verticillata*

Nees (1847) proposed *Crossandra haenkeana* Nees as a new species based on a collection of T. Haenke from Mexico in an otherwise Paleotropical genus. In the protologue, Nees referred to specimen(s) as: “In regno mexicano (Haenke!),” “*Aphelandra verticillata* N. ab E. in h. Haenk.!),” and “(v. in h. Haenk.).” Of these, “*Aphelandra verticillata* N. ab E.,” was listed as a synonym, and thus not validly published (Article 36.1; Turland et al. 2018). Hemsley (1882) transferred *C. haenkeana* to the Neotropical genus *Aphelandra*. Because the name *A. haenkeana* Nees (1847; =*A. scabra* (Vahl) Sm.) already existed for a different species, Hemsley resurrected “*Aphelandra verticillata* Nees” and validated it as a legitimate replacement name for *C. haenkeana*.

Based on molecular phylogenetic, macromorphological, and palynological data, Daniel et al. (2020) transferred *Aphelandra verticillata* to *Holographis* and created the new combination *H. verticillata* (Hemsl.) Daniel et al. Unfortunately, the authors overlooked the availability of the earliest epithet (*haenkeana*) in *Holographis*. Therefore, the new combination *H. verticillata* was superfluous and illegitimate when made. To correct the situation, the authors herewith propose the new combination *H. haenkeana* based on *Crossandra haenkeana*. Daniel et al. (2020) provided an argument for recognizing Haenke’s specimen at PR as the holotype of *C. haenkeana*, and Wasshausen’s (1975) indication of such as an unintended lectotypification.

***Holographis haenkeana* (Nees) T.F. Daniel, McDade & Kiel, comb. nov.**

Crossandra haenkeana Nees in Alph. de Candolle, Prodr. 11:281. 1847. *Aphelandra verticillata* Nees ex Hemsl., Biol. Centr. Amer. Bot. 2:513. 1882. *Holographis verticillata* T.F. Daniel, McDade & Kiel, nom. illeg., Proc. Calif. Acad. Sci. 66:299. 2020. *Aphelandra verticillata* Nees, in Alph. de Candolle, Prodr. 11:281. 1847, nom. nud. TYPE.— MEXICO. Western Mexico, 1791, *T. Haenke* s.n. (holotype, or potentially lectotype: PR!; isotypes: GZU!, PRC!).

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