

CORRECTIONS TO PHYTONEURON 2019-77: VALIDATIONS OF NAMES OF NEW TAXA

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The names of four new taxa of Montiaceae appearing in Phytoneuron in Hershkovitz (2019a; see also Hershkovitz, 2019b) were not validly published per Art. 40.6 (see also Art. 9, Note 6) of the International Code of Nomenclature for Algae, Fungi, and Plants (Turland et al. 2018). Three of the names are validated here and the fourth is replaced by a name of a new taxon at a different rank.

CISTANTHE SUBSPECIOSA Hershk., **sp. nov.** **TYPE: CHILE.** Atacama Region. Tierra Amarilla Province. Tierra Amarilla, ca. 700 m elev., Sep 1924, *Werdermann 405* (holotype: E image! <<http://data.rbge.org.uk/herb/E00033178>>; isotypes: F!, U! image! <<http://data.biodiversitydata.nl/naturalis/specimen/U.1523945>>, US!).

Diagnosis. Plants pertaining phylogenetically to *Cistanthe* sect. *Cistanthe*, morphologically similar to but distinct from (1) *Cistanthe cabrerae* (Añon) Peralta and *Cistanthe grandiflora* (Lindl.) Schldl. [incl. *C. cachinalensis* (Phil.) Peralta & D.I. Ford and probably *Calandrinia taltalensis* I.M. Johnst.] in having normally 80–100 rather than ca. 50 stamens in fully developed flowers and a long (ca. 15 mm) exerted rather than shorter (< 10 mm) style; and from (2) *Cistanthe laxiflora* (Phil.) Peralta & D. I. Ford in having a herbaceous to suffruticose rather than fruticose habit, broadly ovate rather than narrowly obovate to lanceolate and more succulent leaves, and leafy inflorescence stems.

Hershkovitz (2019c) provided a more detailed discussion of this species.

CISTANTHE sect. **THYRSOIDEAE** Hershk., **sect. nov.** **TYPE** (designated here): *Cistanthe thyrsoides* (Reiche) Peralta & D.I. Ford. **Synonym:** *Calandrinia thyrsoides* Reiche, Fl. Chile 2: 342. 1898 and Anales Univ. Chile, I, Mem. Ci. Lit. 100: 342. 1898.

Diagnosis. Plants similar to other species of *Cistanthe* but differing in having, in the range of rDNA-ITS1 base positions 70–80, a five-base motif, “C]TCCCT[C” instead of a three-base motif, “C]-CTC-[C.”

This section includes the species referred in Hershkovitz (2019a) to “*Cistanthe* sect. *Rosulatae* subsect. *Thyrsoideae*” (nom. inval., Art. 40.6).

THINGIA Hershk., **gen. nov.** **TYPE:** *Thingia ambigua* (S. Wats.) Hershk.

Thingia ambigua (S. Wats.) Hershk., **comb. nov.** *Claytonia ambigua* S. Wats., Proc. Amer. Acad. Arts 17: 365. 1882. *Calandrinia ambigua* (S. Wats.) Howell, Erythea 1: 34. 1893. *Cistanthe ambigua* (S. Wats.) Carolin ex Hershk., Phytologia 68: 269. 1990. **TYPE:** *J.G. Lemmon 117* (holotype: GH image!).

Diagnosis. Montiaceae-Cistantheae-Calyptridinae: differing from *Calyptridium* Nutt. and *Philippiamra* Kuntze in having two rather than three carpels; differing from *Lenzia* Phil. in having leafy stems and branched inflorescences rather than being acaulescent with solitary and axillary flowers; and differing from all three of these genera in having three-dimensional basket-like leaf venation rather than two-dimensional (planar) venation.

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