

LECTOTYPIFICATION OF *HETEROCHAETA* DC. (ASTERACEAE)

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ABSTRACT

Heterochaeta DC. (1836) is lectotypified by *Heterochaeta erigeroides* DC. (= *Erigeron uniflorus* L.) and the name becomes a synonym of *Erigeron* L.

The genus *Heterochaeta* was established by A.P. de Candolle to include six species, each now recognized as a member of Asteraceae tribe Astereae.

Heterochaeta diplostephioides DC., Prodr. 5: 282. 1836. = **Aster diplostephioides** (DC.) Benth. ex C.B. Clarke

Heterochaeta hispida DC., Prodr. 5: 282. 1836. = **Hysterionica jasionoides** Willd.

Heterochaeta erigeroides DC., Prodr. 5: 282. 1836. = **Erigeron uniflorus** L.

Heterochaeta asteroides DC., Prodr. 5: 282. 1836. = **Aster asteroides** (DC.) Kuntze

Heterochaeta gnaphalioides (Kunth) DC., Prodr. 5: 282. 1836. = **Laennecia confusa** (Cronq.) Nesom

Heterochaeta pubescens (Kunth) DC., Prodr. 5: 283. 1836. = **Erigeron pubescens** Kunth

Three species were added to the genus by George Bentham and Alexander von Bunge. Neither made any comment regarding the definition of the genus, although Bunge explicitly compared his *Heterochaeta pseuderigeron* to de Candolle's *H. diplostephioides*, *H. erigeroides*, *H. asteroides*, and *H. hispida*.

Heterochaeta stricta Benth., Pl. Hartw. 206. 1845. = **Laennecia gnaphalioides** (Kunth) Cass.

Heterochaeta leucophylla Bunge, Mém. Acad. Imp. Sci. St.-Petersbourg Divers Savans 7: 325. 1847. = **Psychrogeton amorphoglossus** (Boiss.) Novopokr.

Heterochaeta pseuderigeron Bunge [as "pseud-erigeron"], Beitr. Fl. Russl. 150. 1852. = **Psychrogeton pseuderigeron** (Bunge) Novopokr. ex Nevski

Heterochaeta might have been used as the name for a group of species segregated from Asian *Aster* (including *A. diplostephioides* and *A. asteroides*; Nesom 2020), but its reference to "diverse setae" (outer pappus series much shorter than the inner) is ambiguous, applying to various genera of Astereae, and the species of de Candolle's original genus are now recognized among four different genera. The few early additions to the genus further increased its heterogeneity and the name has not been subsequently used. The lectotype chosen here places *Heterochaeta* as a synonym of *Erigeron* L.

Heterochaeta A.P. de Candolle, Prodr. 5: 282. Oct (prim.) 1836 (non Besser 1827).

LECTOTYPE (designated here): *Heterochaeta erigeroides* DC. = *Erigeron uniflorus* L.

LITERATURE CITED

Nesom, G.L. 2020. *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 species of Himalayan *Aster*. Phytoneuron 2020-63: 1–30.