

SECTIONAL NAME FOR THE GROUP INCLUDING *ERIGERON RADICATUS*
(ASTERACEAE: ASTEREA)

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ABSTRACT

Erigeron sect. *Radicati* (Rydb.) Nesom (of 2008) was without a clear taxonomic position as published—it is lectotypified here by *E. nematophyllus* and becomes a synonym of *Erigeron* sect. *Wyomingia* (of 1947). *Erigeron* sect. *Radicatiformes* Nesom, sect. nov. (type: *E. radicans*) is described here to include the five species placed in error within sect. *Radicati* in 2008.

In a classification of the Conyzinae (Nesom 2008), the combination *Erigeron* sect. *Radicati* (Rydb.) Nesom was formalized, based on *Erigeron* [unranked] *Radicati* Rydberg (1906), as the name for a group including *E. radicans* Hook. as well as *E. lackschewitzii*, *E. ochroleucus*, *E. parryi*, and *E. rydbergii*. *Erigeron radicans*, however, does not occur in Colorado, and it was not among the five species of Rydberg's *Radicati* group in his Flora of Colorado (1906), although Rydberg later (1917) included *E. radicans* in that group and probably had earlier intended to imply its membership there.

In any case, Rydberg's "Radicati group" of 1906 cannot stand as the basionym of a name for the 2008 group, because none of the species in the 1906 group were in the 2008 group—all were in different sections.

Rydberg's *Radicati*:

Erigeron engelmannii, *E. vetensis* (syns = *E. glandulosus*, *E. viscidus*) — in sect. *Stenactis*, 2008

Erigeron leiomerus — in sect. *Scopulincola*, 2008

Erigeron nematophyllus — in sect. *Wyomingia*, 2008

Erigeron peasei (= *E. flagellaris*) — in sect. *Olygotrichium*, 2008

Erigeron ursinus — sect. *Rhizonexus*, 2008

Thus, because of the superfluous and rejected type citation, *Erigeron* sect. *Radicati* is valid and legitimate but, without a lectotype species, it lacks a clear taxonomic position.

The situation is clarified and rectified here by describing a new section, correctly typified, for the group of 2008 and by providing a lectotype for *Erigeron* sect. *Radicati*

Erigeron sect. *Radicatiformes* Nesom, sect. nov. TYPE: *Erigeron radicans* Hook.

Caudice multicapitali, radice palari, caulibus simplicibus capitulis 1(–3), foliis oblanceolatis vel spatulatis abaxialiter glabris vel glaberratis, et acheniis 1.8–2.8 mm in longitudine distinctis.

Species included: *E. lackschewitzii* Nesom & Weber, *E. ochroleucus* Nutt., *E. parryi* Canby & Rose, *E. radicans* Hook., and *E. rydbergii* Cronq.

Erigeron sect. **Radicati** (Rydb.) Nesom, *Lundellia* 11: 26. 2008. *Erigeron* [unranked] *Radicati* Rydb., Fl. Colorado 359. 1906, in clave. Lectotype (designated here): *Erigeron nematophyllus* Rydb. With this lectotypification *Erigeron* sect. *Radicati* becomes a synonym of *Erigeron* sect. *Wyomingia* (A. Nels.) Cronq., as delimited in Nesom (2008).

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LITERATURE CITED

- Nesom, G.L. 2008. Classification of subtribe Conyzinae (Asteraceae: Astereae). *Lundellia* 11: 8–38.
Rydberg, P.A. 1906. Flora of Colorado. Colorado State Agric. Expt. Station Bull. 100: 1–448.
Rydberg, P.A. 1917. Flora of the Rocky Mountains and Adjacent Plains. Steinman & Foltz. Lancaster, Pennsylvania.