

NEW NAMES AND COMBINATIONS, PRINCIPALLY IN THE ROCKY MOUNTAIN FLORA--IX

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ABSTRACT

New combinations are proposed in *Azaleastrum*, *Boechera*, *Oreobatus*, and *Picradenia*. Validations are provided for previously published new combinations in *Coriflora*.

KEY WORDS: *Azaleastrum*, *Boechera*, *Coriflora*, *Oreobatus*, *Picradenia*, Rocky Mountains

Azaleastrum albiflorum Rydb. subsp. *warrenii* (A. Nelson) W.A. Weber, *comb. nov.* Based on *Azaleastrum warrenii* A. Nelson, Bot. Gaz. (Crawfordsville) 56:67. 1913.

Boechera pallidifolia (Rollins) W.A. Weber, *comb. nov.* Based on *Arabis pallidifolia* Rollins, *Cruciferae of Continental North America*, p. 181. 1993.

Oreobatus deliciosus (James ex Torrey) Rydb. subsp. *neomexicanus* (A. Gray) W.A. Weber, *comb. nov.* Based on *Rubus neomexicanus* A. Gray, *Pl. Wrightianae* 2:55. 1853. Synonyms: *Oreobatus neomexicanus* (A. Gray) Rydb., *Rubus deliciosus* James ex Torrey var. *neomexicanus* Kearney. This subspecies replaces the Coloradan race, *Oreobatus deliciosus* subsp. *deliciosus* in the southern edge of eastern Colorado and ranges south through New Mexico into southeastern Arizona. Subsp. *neomexicanus* has more distinctly lobed, larger, leaves which are soft-pubescent on both surfaces. Gray was under the misapprehension that *R. deliciosus* had purple flowers, and his major distinction appears to be that in *neomexicanus* the petals are white.

Picradenia richardsonii subsp. *floribunda* (A. Gray) W.A. Weber, *comb. nov.* Based on *Actinella richardsonii* (Hook.) Nutt. var. *floribunda* A. Gray, Mem. Amer. Acad. Arts Sci., Ser. 2, 4:101. 1849 (*Plantae Fendlerianae*).

Validation of the generic name *Coriflora* (Ranunculaceae)

Coriflora W.A. Weber, *Phytologia* 51:372-374. 1982, was invalidly published as a result of the omission of certain information, rectified here.

Coriflora W.A. Weber, *nom. nov.* ■ *Viorna* Spach, *Hist. Nat. Végétaux: Phanérogames* 7:268. 1839, type *Clematis viorna* L., *Sp. Pl.* 543. 1753 (*Viorna urnigera* Spach), *nom. illeg.*, non *Viorna* (Pers.) Reichenbach, *Handb.* 277. 1837, *nom. illeg.*, *superfl.* renaming of *Muralta* Adams. 1763, *nom. rej.*

Clematis cirrhosa L. is the type of (Pers.) Reichbach's name; this type was explicitly excluded by Spach by citation (l.c. p. 261) as a synonym of *Cheiropsis elegans* Spach. According to Article 48, *ICBN*, Spach's name is a validly published later homonym for which I am providing a replacement name. While irrelevant to this transaction, according to Pfeiffer, *Nomenclator Botanicus* 1588. 1874, *Clematis*, section *Viorna* antedates Gray, *Syn. Fl. N. Amer.* 1:5. 1895. Formal transfer of the species is effected below.

Coriflora addisonii (Britt. ex Vail) W.A. Weber, *comb. nov.* BASIONYM: *Clematis addisonii* Britt. ex Vail, *Mem. Torrey Bot. Club* 2:28, footnote and pl. 3. 1890.

Coriflora albicoma (Wherry) W.A. Weber, *comb. nov.* BASIONYM: *Clematis albicoma* Wherry, *J. Wash. Acad. Sci.* 21:198, fig. 1. 1931.

Coriflora baldwinii (Torrey & A. Gray) W.A. Weber, *comb. nov.* BASIONYM: *Clematis baldwinii* Torrey & A. Gray, *Fl. N. Am.* 1:8. 1838.

Coriflora beadleii (Small) W.A. Weber, *comb. nov.* BASIONYM: *Viorna beadleii* Small, *Man. Southeast. Fl.* 527, 1504. 1933.

Coriflora bigelovii (Torrey) W.A. Weber, *comb. nov.* BASIONYM: *Clematis bigelovii* Torrey, *Pacific Railroad Rep.* 4:61. 1857.

Coriflora crispa (L.) W.A. Weber, *comb. nov.* BASIONYM: *Clematis crispa* L., *Sp. Pl.* 543. 1753.

Coriflora fremontii (James) W.A. Weber, *comb. nov.* BASIONYM: *Clematis ochroleuca* Ait. var. *fremontii* James, *J. Cincinnati Soc. Nat. Hist.* 6:120. 1883.

Coriflora gattingeri (Small) W.A. Weber, *comb. nov.* BASIONYM: *Clematis gattingeri* Small, *Bull. Torrey Bot. Club* 24:209. 1897.

Coriflora glaucophylla (Small) W.A. Weber, *comb. nov.* BASIONYM: *Clematis glaucophylla* Small, *Bull. Torrey Bot. Club* 24:337. 1897.

Coriflora hirsutissima (Pursh) W.A. Weber, *comb. nov.* BASIONYM: *Clematis hirsutissima* Pursh, *Fl. Amer. Sept.* 2:385. 1814.

Coriflora integrifolia (L.) W.A. Weber, *comb. nov.* BASIONYM: *Clematis integrifolia* L., *Sp. Pl.* 544. 1753.

Coriflora morefieldii (Kral) W.A. Weber, *comb. nov.* BASIONYM: *Clematis morefieldii* Kral, *Ann. Missouri Bot. Gard.* 74:665. 1987.

Coriflora ochroleuca (Ait.) W.A. Weber, *comb. nov.* BASIONYM: *Clematis ochroleuca* Ait., *Hort. Kew.* 2:260. 1789.

Coriflora palmeri (Rose) W.A. Weber, *comb. nov.* BASIONYM: *Clematis palmeri* Rose, *Contr. U.S. Natl. Herb.* 1:118. 1891.

- Coriflora pitcheri*** (Torrey & A. Gray) W.A. Weber, *comb. nov.* BASIONYM: *Clematis pitcheri* Torrey & A. Gray, *Fl. N. Am.* 1:10. 1838.
- Coriflora reticulata*** (Walt.) W.A. Weber, *comb. nov.* BASIONYM: *Clematis reticulata* Walt., *Fl. Carol.* 156. 1788.
- Coriflora scottii*** (Porter) W.A. Weber, *comb. nov.* BASIONYM: *Clematis scottii* Porter, *Synops. Fl. Colorado*, p. 1. 1874.
- Coriflora texensis*** (Buckl.) W.A. Weber, *comb. nov.* BASIONYM: *Clematis texensis* Buckl., *Proc. Acad. Nat. Sci. Philadelphia.* 13:448. 1862.
- Coriflora versicolor*** (Small *ex* Britt.) W.A. Weber, *comb. nov.* BASIONYM: *Clematis versicolor* Small *ex* Britt., *Man. Fl. Northern States and Canada.* 421. 1901.
- Coriflora viorna*** (L.) W.A. Weber, *comb. nov.* BASIONYM: *Clematis viorna* L., *Sp. Pl.* 543. 1753.
- Coriflora viticaulis*** (Steele) W.A. Weber, *comb. nov.* BASIONYM: *Clematis viticaulis* Steele, *Contr. U. S. Natl. Herb.* 13:364. 1911.

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