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Senecio ser. *Chilenses*, a New Name for *Senecio* ser. *Suffruticosi* (Asteraceae, Senecioneae) from Southern South America

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ABSTRACT. The name *Senecio* L. ser. *Chilenses* DC. ex M. G. López, A. F. Wulff & Xifreda is here validated to replace *Senecio* ser. *Suffruticosi* Cabrera, non *Senecio* sect. *Suffruticosi* Greenm. Although the epithet *Suffruticosi* was published at different infrageneric ranks within *Senecio* (Asteraceae, Senecioneae) for two different taxa from South and North America, respectively, the two epithets are considered homonyms. Series *Chilenses* was previously published by de Candolle, but without a description.

RESUMEN. El nombre *Senecio* L. ser. *Chilenses* DC. ex M. G. López, A. F. Wulff & Xifreda se valida aquí para reemplazar a *Senecio* ser. *Suffruticosi* Cabrera, non *Senecio* sect. *Suffruticosi* Greenm. A pesar de que el epíteto *Suffruticosi* fue publicado para definir rangos subgenéricos diferentes dentro *Senecio* (Asteraceae, Senecioneae) para dos taxa diferentes de América del Sur y del Norte, respectivamente, ambos epítetos son considerados homónimos. Series *Chilenses* fue publicado previamente por de Candolle pero sin una descripción.

Key words: Argentina, Asteraceae, Chile, *Senecio*.

Our studies on the Asteraceae of Andean high mountains have brought attention to the nomenclatural illegitimacy of the name *Senecio* L. ser. *Suffruticosi* Cabrera (Cabrera, 1985). It is a later homonym of *Senecio* sect. *Suffruticosi* Greenm. (Greenman, 1901), according to the *International Code of Botanical Nomenclature* (ICBN; McNeill et al., 2006: Art. 53.4). Therefore, we herein validate the new name, *Senecio* ser. *Chilenses* DC. ex M. G. López, A. F. Wulff & Xifreda in replacement.

The epithet *Suffruticosi* Greenm. for an infrageneric taxon in *Senecio* L. was first used by Greenman

(1901) for 17 species from the United States and Mexico, and the epithet was published at the rank of section, validated by description in a key (Ediger, 1970). Greenman (1915) also recognized his section *Suffruticosi* in a synopsis of the subgenera and sections of *Senecio* in his monograph of the North and Central American species. Greenman's section was not based upon a type; nevertheless, *S. douglasii* DC. was recognized as a representative species (Ediger, 1970).

Independently, Cabrera (1949) published the similar name, *Senecio* sect. *Suffrutecius* Cabrera, for a group of a largely Andean and Patagonian species, based upon the type *S. chilensis* Less. Cabrera (1985) later reduced the taxon to the rank of series, publishing the new epithet *Suffruticosi* Cabrera, which, unlike the epithet *Suffrutecius*, was in better agreement with ICBN Art. 21.2, stating that the name of a subdivision of a genus be "a plural adjective agreeing in gender with the generic name" (McNeill et al., 2006: 42). Argument might be made that the epithet *Suffrutecius* (Cabrera, 1949) is an orthographical variant of *Suffruticosi*. However, as defined under Art. 53.3 (McNeill et al., 2006), an orthographical variant implies stringent criteria, with most cited examples differing by only one or two letters, and the two names by Greenman and Cabrera, respectively, are orthographically different. Moreover, Cabrera (1985: 194) published his series *Suffruticosi* as a new name, citing his previous section *Suffrutecius* as a synonym, without correction as "sect. *Suffruticosi* Cabrera, Lilloa 15: 101, 1049, 'Suffrutecius,'" in conformity with ICBN Rec. 50F (McNeill et al., 2006). In addition, later in Cabrera et al. (1999), he again cites "sect. *Suffrutecius* Cabrera (1949)," without correction, as a synonym of his series *Suffruticosi* (Cabrera, 1985).

In summary, within *Senecio*, the epithet *Suffruticosi* Greenm. (1901) has priority over the epithet *Suffruticosi* Cabrera (1985) for an infrageneric taxon. Although the former was published at the rank of section and the latter at the rank of series, they are considered homonyms according to the ICBN (McNeill et al., 2006: Articles 53.4 and 21.1, Note 1). De Candolle's (1838) *Senecio* ser. *Chilenses* included *S. chilensis*, among other Chilean species. The series was not validly published and lacked a description, with only its geographical distribution noted. The name is herein validated as a new name for *Senecio* ser. *Suffruticosi* Cabrera (1985), and its type *S. chilensis* reflects de Candolle's taxonomic inclusion.

Senecio L. ser. **Chilenses** DC. ex M. G. López, A. F. Wulff & Xifreda, nom. nov. Replaced name: *Senecio* L. ser. *Suffruticosi* Cabrera, *Darwiniana* 26: 194. 1985, nom. illeg., non *Senecio* L. sect. *Suffruticosi* Greenm., *Monogr. Senecio* 22. 1901. *Senecio* L. ser. *Chilenses* DC., *Prodr.* 6: 415. 1837, nom. nud., sine descr. TYPE: *Senecio chilensis* Less.

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