

Nota Científica / Scientific Note

Disposition of two names in *Almeidea* (Rutaceae)

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RESUMO – (Disposição de dois nomes em *Almeidea* (Rutaceae)). O estudo dos tipos nomenclatórios no herbário P mostrou que *Almeidea longifolia* A. St.-Hil. (Rutaceae) é um nome substituto ilegítimo de *Almeidea affinis* A. St.-Hil., e este último nome é aqui considerado sinônimo heterotípico de *A. rubra* A. St.-Hil.

Palavras-chave: Galipeinae, nomenclatura, taxonomia

ABSTRACT – (Disposition of two names in *Almeidea* (Rutaceae)). Examination of type specimens at the P herbarium showed that *Almeidea longifolia* A. St.-Hil. (Rutaceae) is an illegitimate substitute name for *A. affinis* A. St.-Hil. The latter name is proposed here as a heterotypic synonym of *A. rubra* A. St.-Hil.

Key words: Galipeinae, nomenclature, taxonomy

Almeidea A. St.-Hil. belongs to the Neotropical tribe Galipeae (replacing Cusparieae; Kallunki & Pirani 1998), subtribe Galipeinae (Rutaceae). In Brazil, the five species of the genus occur in the coastal Atlantic rain forest, from southern Bahia to Paraná, including Espírito Santo, Rio de Janeiro, São Paulo, and eastern Minas Gerais (Silva 1988). One species, *A. rubra* A. St.-Hil., is also found in forested areas in the province of La Paz, Bolivia. A phylogenetic study and taxonomic revision of the genus is underway and examination of the type collection of *A. longifolia* A. St.-Hil. showed that this name is an illegitimate substitute name for *A. affinis* A. St.-Hil.; the latter name is proposed here as a heterotypic synonym of *A. rubra*.

Almeidea rubra A. St.-Hil., Bull. Sci. Soc. Philom. Paris 10: 130. 1823. Type: [Brazil, Rio de Janeiro] In Monte Babylonia, prope R.J., *A. Saint-Hilaire s.n.* (holotype P n.v. photo!).

Almeidea affinis A. St.-Hil., Bull. Sci. Soc. Philom. Paris 10: 130. 1823 (Sep). *Almeidea longifolia* A. St.-Hil., Mém. Mus. Hist. Nat. 10: 359. 1824 (Mar-Apr, cf. Margadant 1968; as '1823'), illeg. substitute name. Type: [Brazil] Bois vierge à Uba [Rio de Janeiro], *A. Saint-Hilaire s.n.* (holotype P n.v. photo P!; isotype P n.v. photo P!). **Syn. nov.**

The original descriptions of *A. affinis* and *A. longifolia* consist of only short diagnoses with no indication of the material upon which they were based. Two type specimens in the P herbarium show, however, that they were based on the same material. On each of the sheets, the name *Almeidea affinis* is written, the epithet is crossed out, and '*longifolia*' is written in its place. The handwriting on the specimens matches examples of that of Saint-Hilaire (Burdet 1979), indicating that he himself changed the name. The name *A. longifolia* was subsequently used in all botanical works where this species is treated (e.g., Candolle 1824; Engler

1874, 1931; Albuquerque 1968; Silva 1998; Pirani 2009), but because it is an illegitimate substitute name for *A. affinis* and nomenclaturally superfluous according to article 52.1 of the ICBN (McNeill *et al.*, 2006), it must be rejected.

Saint-Hilaire (1823) distinguished *A. affinis* from *A. rubra* by its more obtuse petals and its pubescent (rather than glabrous) pedicels. However, examination of the types of both names and of other collections of *Almeidea* deposited in the herbaria cited in the acknowledgments showed that these characters are variable and cannot be used to distinguish the two species. As both names, *A. affinis* and *A. rubra*, were published in the same work (and on the same page), we choose the latter to represent this species because of its widespread use in the literature and on herbarium specimens, making *A. affinis* a heterotypic synonym of *A. rubra*.

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