



## ***Rubus pseudofagifolius* (subg. *Lampobatus*, Rosaceae), a replacement name for a Mexican bramble species and its lectotypification**

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*Rubus* Linnaeus (1753: 492), belonging to the monotypic tribe Rubeae of the subfamily Rosoideae (Potter *et al.* 2007), is one of the largest genera in the rose family (Rosaceae). The genus occurs in all continents except Antarctica (Lu & Boufford 2003, Wang *et al.* 2013). *Rubus* is a taxonomically notoriously complex group; its species circumscription is complicated by hybridization, polyploidy, agamospermy, and lack of a universal species concept (Weber 1996).

In 1852, Liebmann (1852: 154) proposed the name *Rubus scandens* for a bramble species collected from Mexico by himself. Unfortunately, the name *R. scandens* had previously been used by Poiret (in Lamark & Poiret 1804: 237) for a European species; thus Liebmann's name is a later homonym of *R. scandens* Juss. ex Poir. and therefore illegitimate. Liebmann's species represents a distinct group, and has been accepted by later authors since its original publication (e.g. Focke 1911, Rydberg 1913, 1915, CONABIO 2009). As no available synonym of *R. scandens* Liebm. exists, a replacement name (nomen novum) for this Mexican species is required and the new name, *R. pseudofagifolius* Huan C. Wang, is proposed here.

### ***Rubus pseudofagifolius* Huan C. Wang, *nom. nov.***

Replaced name: *Rubus scandens* Liebmann (1852: 154), *nom. illeg.*, non Juss. ex Poiret (in Lamark & Poiret 1804: 237).

**Type:**—MEXICO. Veracruz: Mirador, in oak woods, March 1842, *F. Liebmann 1701* (lectotype C [C10014356], designated here; isolecotypes C [C10014357], NY [NY-00429626 ]).

**Other syntypes:**—MEXICO. Veracruz: Mirador, November 1841, *F. Liebmann 1702* (C [C10014358, C10014359]); Veracruz : Hacienda de Mecapalco, June 1841, *F. Liebmann 1703* (C [C10014360]); Oaxaca: Cuicatlan, December 1842, *F. Liebmann 1704* (C [C10014361]).

**Etymology:**—The specific epithet, *pseudofagifolius*, derives from the Greek *pseudo-*, meaning "false", and the epithet of the species *Rubus fagifolius* Cham. ex Schldl. (in Schlechtendal & Chamisso 1830: 571) to which the newly named species is closely related.

Liebmann (1852) did not formally typify his name *Rubus scandens*. At least four syntypes were cited in the protologue by Liebmann: two from "omkring Mirador" (*F. Liebmann 1701* and *1702*), one from "Hac. de Mecapalco" (*F. Liebmann 1703*) and one from "ved Cuicatlan" (*F. Liebmann 1704*). All of them match the protologue very well and all bear Liebmann's handwriting "*Rubus scandens* Liebm." on the labels. The specimen *F. Liebmann 1701* is here chosen as lectotype since it is a complete specimen with leaves and fruits, and is represented by more duplicates.

*Rubus pseudofagifolius* Huan C. Wang is mostly similar to *R. fagifolius* Cham. ex Schldl., both belonging to subgenus *Lampobatus* (Focke 1888: 31) Focke (1911: 212) (excluding *R. sect. Micranthobatus* Fritsch (1887: 25)), but is clearly distinct from the latter by its tomentose stem, leaflets stellate-puberulent above and tomentose beneath.

**Additional examined specimens:**—*Rubus pseudofagifolius*. MEXICO, Huasteca: near Tantoyuca, 1858, *L.C. Ervendberg 224* (P [P03341300, P03341301, P03341302]); Veracruz: Mirador, collection date unknown, *F. Liebmann s. n.* (possible no. 1701) (K [K000424907, K000424908])—*R. fagifolius*. MEXICO, "in dumetis Papantlae", January 1829, *C.J.W. Schiede s. n.* (HAL [HAL0107629, HAL0060479]).

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