
A New Name and a New Lectotypification in Neotropical Plants (Ebenaceae, Solanaceae)

Sandra Knapp

Department of Botany, The Natural History Museum, Cromwell Road, London SW7 5BD,
United Kingdom, sk@nhm.ac.uk

ABSTRACT. A new name in *Diospyros*, *D. panamense* S. Knapp, is coined to replace the homonymic *D. whitei* S. Knapp, and the name *Brunfelsia cuneifolia* J. A. Schmidt in Martius is lectotypified correctly with an extant specimen.

The following errors have come to light and are corrected here.

During the preparation of the account of Ebenaceae for *Flora Mesoamericana*, two new taxa of *Diospyros* were described (Knapp, 1997). One of these, *D. whitei* S. Knapp, was named in honor of the late Frank White, life-long student of the genus. Unfortunately, the epithet had been published just prior to that date for an African species, *D. whitei* Dowsett-Lemaire & Pannell (Dowsett-Lemaire & Pannell, 1996), also in honor of the late Frank White. This necessitates a new name for the Mesoamerican taxon.

Diospyros panamense S. Knapp, nom. nov. Replaced name: *Diospyros whitei* S. Knapp, Novon 7: 258. 1997. Not *Diospyros whitei* Dowsett-Lemaire & Pannell, Bull. Jard. Bot. Nat. Belg. 65: 399. 1996. TYPE: Panama. San Blas: Río diablo y vecinidad de Duque Sui, a unos 10 km de la costa frente a la Isla de Nargana, ruta hacia Cerro Ibedón, 80–110 m, 9°22'N, 78°35'W, H. Herrera et al. 1175 (holotype, BM; isotypes, MO, PMA).

The new epithet is derived from the country of origin of the only known specimens, Panama.

After the publication of the monograph of *Brunfelsia* (Solanaceae) by the late Tim Plowman (Plowman, 1998), edited by S. Knapp and J. R. Press, Fred Barrie (MO) kindly alerted to us to our (SK & JRP) incorrect lectotypification of *Brunfelsia cuneifolia* J. A. Schmidt using a photo of a destroyed B sheet, as specified by Plowman in his unpublished thesis. We also contravened Article 37.5 of the *Code* (Greuter et al., 1994) by not citing the herbarium in which the photograph was housed, rendering the lectotypification in Plowman (1998) invalid.

In describing *Brunfelsia cuneifolia*, Schmidt (1864) cited two specimens: "In Brasilia australiore: Sellow nr. 4016 in hb. Berol. In sylvis paludosis inundatisque prope S. Jozé prov. S. Pauli: Riedel nr. 1467 in hb. Petropol." *Reidel 1467* in LE is clearly a specimen of *B. obovata* Benth (Plowman, 1998). The Sellow collection in B cited by Schmidt (*Sellow 4016*) was destroyed in the Berlin herbarium, but two unnumbered Sellow collections housed at F and M appear to be duplicates as they "conform in every way" (Plowman, 1998) to the photograph of the destroyed Berlin sheet. Many Sellow duplicates were distributed without numbers. Plowman's treatment of the specimen in F as an isosytype is accepted here, and thus it is possible to lectotypify *B. cuneifolia*. Plowman (1974, 1998) indicated that he wished to lectotypify *B. cuneifolia* with the destroyed B sheet, as good photographs of it exist. This, however, is contrary to Article 9.9 of the *Code* (Greuter et al., 1994), which states that original material must be used for lectotypification; the photographs were taken later and did not form part of the protologue. It is also contrary to Article 9.11: "If a holotype or previously designated lectotype has been lost or destroyed and it can be shown that all other original material differs taxonomically from the destroyed type, a neotype may be selected to preserve the usage established by the previous lectotypification." Since the previous lectotypification (Plowman, 1998) was invalid, duplicates of the syntypes exist, and one of the two syntypes of *B. cuneifolia* is attributable to another taxon (*B. obovata* Benth), it is clear the species needs correct lectotypification to prevent future confusion. I correctly and unambiguously lectotypify *B. cuneifolia* J. A. Schmidt here, using the unnumbered Sellow specimen at F annotated by Plowman as "isotype" as the new lectotype.

Brunfelsia cuneifolia J. A. Schmidt, in Martius, Fl. Bras. 8(1): 259. 1864. TYPE: Brazil. "In Brasilia australiore," *Sellow [4016]* (lectotype, designated here, F; isotype, M; photo-

graphs of destroyed sheet at B (F neg. 621824, as *Sellow 4016*), F, NY, US).

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