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Revisiting the validation of the name *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain, sp. nov. (Magnoliaceae)

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Magnolia albosericea Chun &
Tsoong

det. Xia Nianhe
Nationaal Herbarium Nederland,
Universiteit Leiden branch

March 17, 2003



Alabastrum
(magn. nat.)

INSTITUT SCIENTIFIQUE DE L'INDO-CHINE

Poilane No 6472

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Revisiting the validation of the name *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain, sp. nov. (Magnoliaceae)

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ABSTRACT

A previously invalid name, *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain, was validated by Vu *et al.* in 2015. However the authors, instead of designating the holotype, erroneously designated a lectotype, that cannot be corrected to holotype, following Art. 9.10 of the *International Code of Nomenclature for algae, fungi, and plants* (Shenzhen Code). As the Art. 40.6 no longer allows, since the 1st January 1990, the designation of a “lectotype” in naming a new species, the name is still invalid. As the species is worthy of recognition, *M. champacifolia* is validated here by choosing the specimen *Poilane 6472* with barcode P00203965 kept at the herbarium P as the holotype.

KEY WORDS
ICN,
Magnoliaceae,
Vietnam,
new species.

RÉSUMÉ

Réexamen de la validation du nom Magnolia champacifolia, sp. nov. J. E. Dandy ex F. Gagnepain (Magnoliaceae).

Un nom précédemment invalide, *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain, a été validé par Vu *et al.* en 2015. Cependant, les auteurs ayant désigné par erreur un lectotype, au lieu de désigner un holotype, le nom est dès lors invalide. En effet, le lectotype n'est pas corrigible en holotype, selon l'Art. 9.10 du *Code international de Nomenclature pour les Algues, les Champignons et les Plantes* (Code de Shenzhen), et l'Art. 40.6 ne permet plus, depuis le 1^{er} janvier 1990, l'utilisation du terme “lectotype” pour désigner le spécimen type d'une nouvelle espèce. L'espèce méritant d'être reconnue, *M. champacifolia* est validée ici en choisissant le spécimen *Poilane 6472* (P00203965), conservé à l'herbier P, comme holotype.

MOTS CLÉS
ICN,
Magnoliaceae,
Vietnam,
espèce nouvelle.

INTRODUCTION

The genus *Magnolia* L. was established by Linnaeus (1753) and is represented by c. 358 accepted species (POWO 2024), distributed in Himalaya to Japan & West Malesia and north-eastern America to tropical America (Mabberley 2017).

The name *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain was not validly published, because the original diagnosis given by Gagnepain (1938) was in French, not in Latin. Thus, Gagnepain did not validate the name *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain according to Art. 39.1 of the Shenzhen code (Turland *et al.* 2018). Later, Vu *et al.* (2015) validated the name by providing a latin diagnosis but unfortunately designated the lectotype rather than holotype, thus the name is invalid as per the Art. 40.6 of the Shenzhen code (Turland *et al.* 2018). Even though, in the abstract, Vu *et al.* (2015) stated that the name is validated there by designating the flowering sheet as the holotype. However, this cannot constitute effective validation because the authors failed to indicate the herbarium in which the type is conserved (Art. 40.7 of the Shenzhen code, Turland *et al.* 2018). Therefore, the name *M. champacifolia* J. E. Dandy ex F. Gagnepain is validated here and the specimen *Poilane 6472* with barcode P00203965 housed in P is designated as the holotype, which was the specimen cited by Vu *et al.* (2015).

SYSTEMATICS

Family MAGNOLIACEAE Juss.

Genus *Magnolia* L.

Magnolia champacifolia

J. E. Dandy ex F. Gagnepain, sp. nov.

(Fig. 1)

Magnolia champacifolia J. E. Dandy ex F. Gagnepain in Vu *et al.*, *Adansonia*, sér. 3, 37 (1): 14 (Vu *et al.* 2015), *nom. inval.* — *Magnolia champacifolia* Dandy ex Gagnep., *Fl. Indo-Chine* [P.H. Lecomte *et al.*] Suppl.: 39 (Gagnepain 1938), *nom. inval.*

TYPE MATERIAL. — Vietnam • Annam, Province Nhatrang, Nord de Ninh Hoa, versant sud-est du massif de la Mère et l'Enfant; 1300 m; 17.V.1923; *Poilane 6472*; holotype: P[P00203965!]; isotype: P[P00204036!].

DISTRIBUTION. — Vietnam.

NOTE

Singularly, Chen Bao Liang and Xia Nianha independently annotated the type specimens (P00203965 and P00203966) of *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain as *M. albosericca*

Chun & Tsoong. According to Vu *et al.* (2015) *M. champacifolia* and *M. albosericca* belongs to the section *Gwillimia* DC (Figlar & Nootboom 2004), but the former species can be distinguished from the latter by its leaf blades lanceolate, midvein densely villous, apex acuminate (vs. oblong-elliptic, midvein sparsely long sericeous, apex acute to short acuminate in *M. albosericca*), lateral veins 13-14 pairs (lateral veins 15-20 pairs in *M. albosericca*), petiole c. 4.5 cm long, densely villous when young (vs petiole up to 3.5 cm long, glabrous when young in *M. albosericca*) and spathe densely villous (vs densely papillate in *M. albosericca*).

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Fig. 1. — Holotype of *Magnolia champacifolia* J. E. Dandy ex F. Gagnepain, sp. nov., Poilane 6472 (P00203965).