

Original Paper

***Allophylus liogierii* nom. nov., a replacement name for *A. montanus* Alain (Sapindaceae)**

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Abstract: A new name, *Allophylus liogierii* R. Kr. Singh & Sanjeet Kumar, is proposed herein to replace the illegitimate name *A. montanus* Alain, being a later homonym of *A. montanus* F. N. Williams.

Keywords: Dominican Republic, endemic, Illegitimate, later homonym, new name

Introduction

The genus *Allophylus* L. (family Sapindaceae, subfamily Sapindoideae, tribe Thouinieae) is represented by about 212 species worldwide in tropics and subtropic regions (Buerki *et al.*, 2021; POWO, 2024). In Dominican Republic, the genus is represented by 6 species, viz. *A. cominia* (L.) Sw., *A. crassinervis* Radlk., *A. domingensis* Alain, *A. montanus* Alain, *A. racemosus* Sw. and *A. rigidus* (Sw.) Sw., of which *A. domingensis* and *A. montanus* are endemic (Acevedo-Rodríguez & Strong, 2012; POWO, 2024). However, the name *A. montanus* Alain (1980: 179) is illegitimate because it is a later homonym of *A. montanus* F.N.Williams (1905: 221) in accordance to Article 53.1 in Turland *et al.*, (2018). Therefore, a new, replacement name is proposed here.

Nomenclature

Allophylus liogierii R. Kr. Singh & Sanjeet Kumar, *nom. nov.*

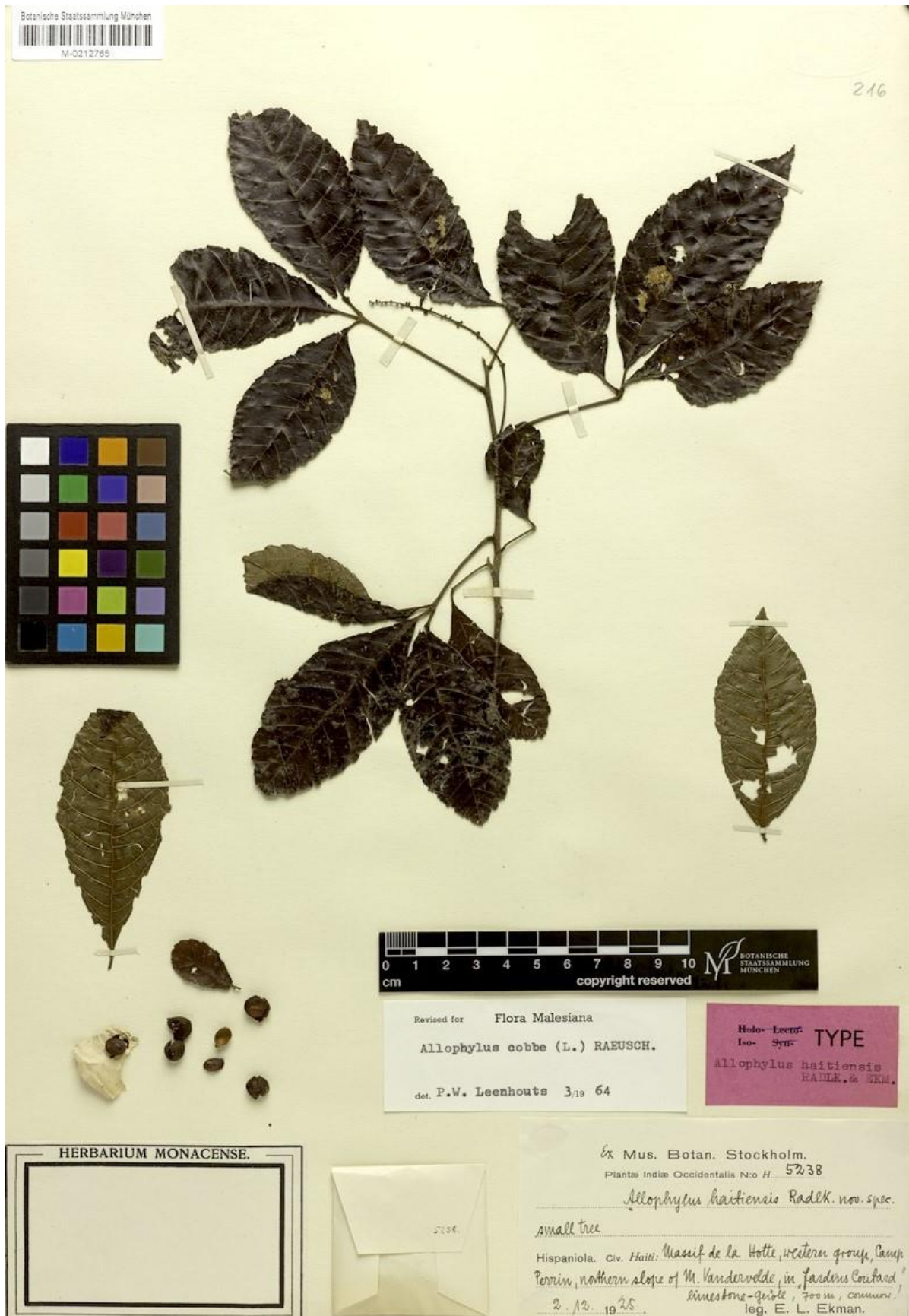
≡ *Allophylus montanus* Alain, *Phytologia* 47: 179. 1980, *nom. illeg.*, *non* F.N.Williams (1905: 221).



Figure 1: Holotype of *Allophylus montanus* Alain (NY00084059, © Herbarium of the New York Botanical Garden)



Figure 2: Isotype of *Allophylus montanus* Alain (US00760861, © United States National Herbarium, Smithsonian Institution)

Figure 3: Isotype of *Allophylus haitiensis* Radlk. & Ekman (M0212765, © Botanische Staatssammlung München)

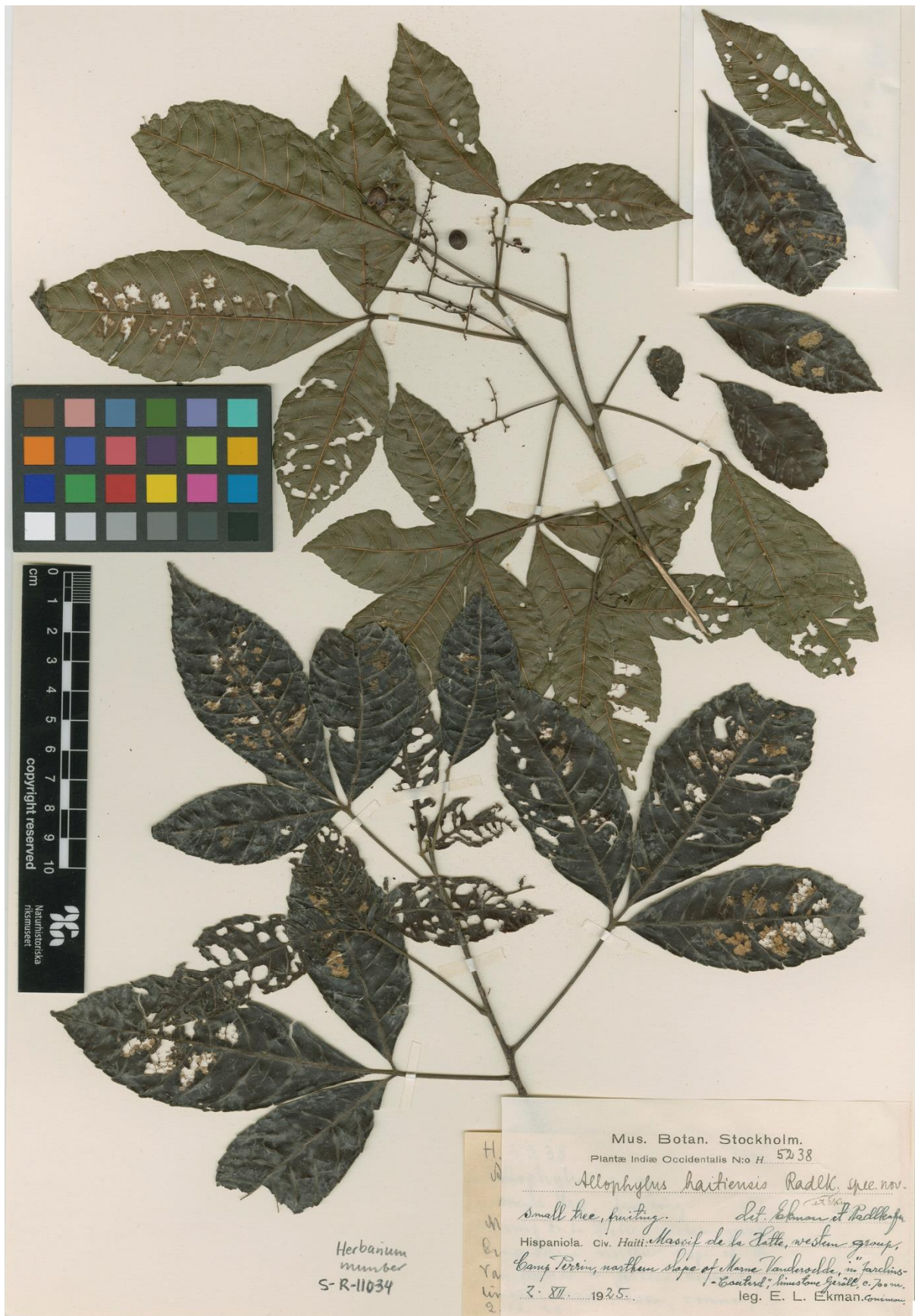


Figure 4: Isotype of *Allophylus haitiensis* Radlk. & Ekman (S-R-11034, © Swedish Museum of Natural History, Department of Botany)

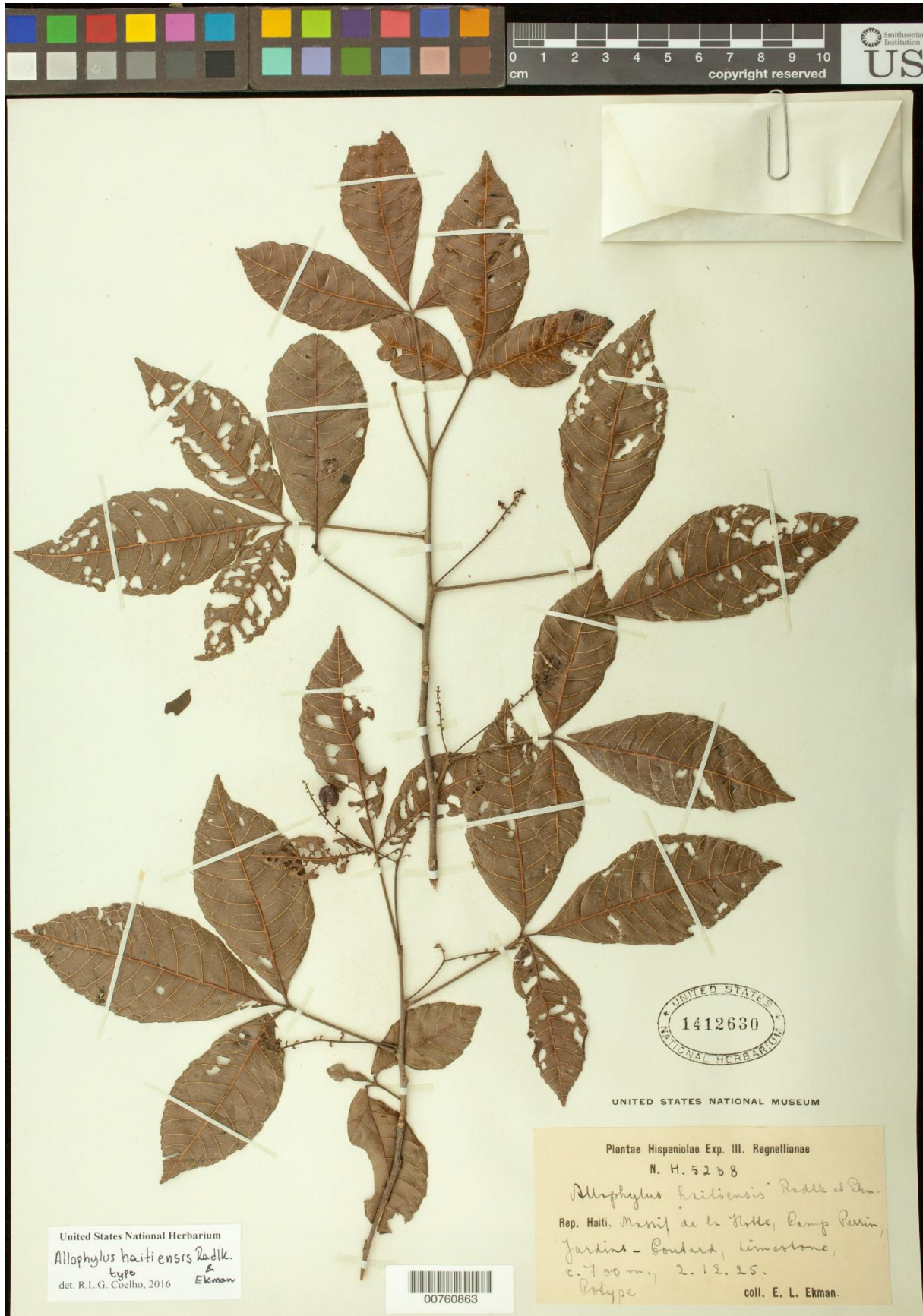


Figure 5: Isotype of *Allophylus haitiensis* Radlk. & Ekman (US00760863, © United States National Herbarium, Smithsonian Institution)

Holotype: Dominican Republic, Hoyo de Pelempito, 900 m, July 1971, *H.A. Liogier 18147* (NY00084059!), Figure 1); isotypes SDM, US00760861! (Figure 2).

Distribution: Endemic to Dominican Republic.

Etymology: Named after Henri Alain Liogier (1916-2009), French botanist for his valuable contributions to the plant taxonomy of few Caribbean Islands.

Notes: *Allophylus montanus* Alain is allied to endemic species of Haiti *A. haitiensis* Radlk. & Ekman (Figure 3, 4 & 5), but differs in characters of branchlets, leaves, inflorescences, flowers, and fruits as given by Liogier (1980).

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