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A New Combination in *Ardisia* (Myrsinaceae) from Vietnam

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ABSTRACT. The lectotypification of *Ardisia tinctoria* Pit. and subsequent reidentification of the type material as *A. quinquegona* Blume subsp. *quinquegona* resulted in two collections being orphaned under the name *A. tinctoria* var. *microcarpa* Pit. We elect to elevate the variety name *A. tinctoria* var. *microcarpa* and, here, propose the following new combination, *A. microcarpa* (Pit.) Ricketson & Pipoly, comb. et stat. nov., to accommodate these orphaned collections.

RESUMEN. Cuando se dieron cuenta el hecho de que *Ardisia tinctoria* Pit. es sinónimo de *A. quinquegona* Blume subsp. *quinquegona*, unas colecciones fueron dejadas como huérfanas bajo el nombre *A. tinctoria* var. *microcarpa* Pit. Para poder acomodar a esas colecciones, se reconoce una entidad para incluir a ese material huérfano bajo una nueva combinación y estatus, *A. microcarpa* (Pit.) Ricketson & Pipoly.

Key words: *Ardisia*, Myrsinaceae, Vietnam.

Pitard (1930: 817–818) described the new species *Ardisia tinctoria* Pit. based on four syntypes all at Paris (P): “Annam: Dac-kiet, prov. de Thanh-hoa [*Poilane 1841*]; Lang-khoac, prov. de Quang-tri [*Poilane 1370*]; route de Nha-trang à Ninh-hoa [*Poilane 8303*]; Hué [*Squires 360*].” Unfortunately, Pitard did not list either collector names or numbers in his manuscript, but these collections have been verified by the authors and are still present in the herbarium at P. Pitard (1930: 818) also described the variety *A. tinctoria* var. *microcarpa* Pit. based on 10 syntypes all at P: “Tonkin: bois de Cophah, entre Hanoi et Bac-ninh [*Balansa 4608*]; vallée de Langkok [*Balansa 3921*], au mt. Bavi [*Balansa 3924, 3925*]; bois de Nam-dinh [*Mouret 368*]; vers Ninh-binh (*Bon 1389*); réserve forestière de Chan-mong, prov. de Phu-tho [*Chevalier 32225*]; Choganh [*Pètelot 895*]. – Laos [Vietnam]: Cahn-trap (*Spire 1135, 1354*).”

In 1996, Imkhanitskaya published a series of articles indexing the type material located in the herbarium of the Komarov Botanical Institute in St. Petersburg (LE). Imkhanitskaya (1996: 40) lectotypified *Ardisia tinctoria* with *R. Squires 360* [lectotype, P; isolectotype, LE], using only the material available to him at LE and without studying any of the other syntypes, which are all available at P. It also appears that Imkhanitskaya did not view any of the syntypes associated with *A. tinctoria* var. *microcarpa*.

In 2004, Hu published the Myrsinaceae for the *Flore du Cambodge du Laos et du Vietnam*, after an exhaustive study of much of the southeastern Asian material. Hu (2004: 56–62) determined that the syntypes of *Ardisia tinctoria* represent three different species. *R. Squires 360* and *E. Poilane 8303* are actually specimens of *A. quinquegona* Blume var. *quinquegona*; *E. Poilane 1841* is a paratype of his new species *A. appanata* C. M. Hu & J. E. Vidal; and *E. Poilane 1370* represents true *A. tinctoria*. Hu incorrectly lectotypified *A. tinctoria* on the basis of the material of *E. Poilane 1370* at P, apparently unaware of the earlier work by Imkhanitskaya (1996). In addition, Hu (2004: 56–61) determined that the syntypes of *A. tinctoria* var. *microcarpa* represented five separate entities: *B. Balansa 4608* = *A. depressa* C. B. Clarke; *Bon 1389*, *M. Mouret 368*, *C. Spire 1135, 1354* = *A. quinquegona* var. *quinquegona*; *A. Chevalier 32225* = *A. quinquegona* var. *latifolia* Pit.; *B. Balansa 3921, 3924, 3935* = *A. quinquegona* var. *hainanensis* E. Walker; *A. Pètelot 895* = *A. tinctoria*. Hu (2004: 61–62) designated *A. Pètelot 895* as the lectotype of *A. tinctoria* var. *microcarpa*.

Because Hu (2004) overlooked the earlier valid lectotypification of *Ardisia tinctoria*, which rendered that name a synonym of *A. quinquegona* subsp. *quinquegona*, *A. Pètelot 895* and *E. Poilane 1370* represent an entity without a name. To resolve this problem and accommodate these orphaned collections, we elect to elevate the varietal name *A. tinctoria* var. *microcarpa* to species.

Ardisia microcarpa (Pit.) Ricketson & Pipoly, comb. et stat. nov. Basionym: *Ardisia tinctoria* Pit. var. *microcarpa* Pit., Fl. Indo-Chine (Lecomte) 3(7): 818. 1930. TYPE: Vietnam. Ninh Binh: Giap Ha, env. de Cho Ghênh (Cho Ganh), Apr. 1923, A. Pételot 895 (lectotype, designated by Hu [2004: 61], P; isotypes, P [2]).

Additional material. Vietnam. **Quang Tri:** Lang-khoac [Lang Khoai], 10 Apr. 1920 (fl), E. Poilane 1370 (syntype of *Ardisia tinctoria*, NY, P).

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Library, an outstanding project which is “a consortium of natural history and botanical libraries that cooperate to digitize and make accessible the legacy literature of biodiversity held in their collections and to make that literature available for open access and responsible use as a part of a global biodiversity commons” at <<http://www.biodiversitylibrary.org>>.

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