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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 Cham-mong, prov. de Phu-tho (Chevalier [32225]); Choganh (Pénot [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; islectotype, 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. applanata 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).


Because Hu (2004) overlooked the earlier valid lectotypification of Ardisia tinctoria, which rendered that name a synonym of A. quinquegona subsp. quinquegona, A. Pélot 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.


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Literature Cited