

Lectotypification of Indochinese Ebenaceae published by P.H. Lecomte (1925-1930)

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lectotypifications.

ABSTRACT

The Ebenaceae of Cambodia, Laos, and Vietnam have yet to be treated in the ongoing Flora projects. The first step towards an updated account is the resolution of the nomenclatural status of the taxa known to occur in the region. Here we designate lectotypes for 50 taxa described by Lecomte between 1925-1930. We also provide currently accepted names for these species.

RÉSUMÉ

Lectotypification des Ébénacées d'Indochine publiées par P. H. Lecomte (1925-1930).

Les Ébénacées du Laos, du Cambodge et du Viêtname n'ont pas encore été revues dans le cadre de la nouvelle flore. La première étape vers un traitement actualisé est la résolution du statut nomenclatural des taxons connus et présents dans la région. Nous désignons ici les lectotypes de 50 taxons décrits par Lecomte entre 1925-1930. Nous fournissons aussi les noms actuellement acceptés pour ces espèces.

MOTS CLÉS
Ebenaceae,
Diospyros,
Cambodge,
Laos,
Maba,
Viêtname,
lectotypifications.

INTRODUCTION

Paul Henri Lecomte (1856-1934), a French botanist, was the first author to work systematically on the Ebenaceae of the former French Indochina. His most significant contribution to the taxonomy of the family is the publication of new species of *Diospyros* L. and *Maba* J.R.Forst. & G.Forst. (Lecomte 1925, 1928a, 1928b, 1929), followed by a taxonomic account of the Ebenaceae in the third volume of the *Flore Générale de l'Indo-Chine* (Lecomte 1930), in which 85 taxa (including 19 new) of *Diospyros* and eight taxa (two new) of *Maba* were treated.

In his accounts, Lecomte usually accompanied the morphological descriptions with the citation of all the gatherings ascribed to the taxon treated, without identifying a unique type specimen. Later taxonomic accounts that included some of Lecomte's names (Malesia: Bakhuizen van den Brink 1936, 1937, 1938, 1941, 1955; Thailand: Fletcher 1937; Phengkklai 1978, 1981; Vietnam: Pham-Hoang 1991, 1999; China: Lee *et al.* 1996) did not provide lectotypification. Nguyen (1996) cited some specimens as “holotype” in his synopsis of the Vietnamese flora. His designations were obviously flawed but constituted full or partial lectotypifications for several taxa.

Here we designate lectotypes for 50 taxa of Ebenaceae described by Lecomte, to clearly define these entities, and facilitate the correct interpretation of their status in future taxonomic studies.

MATERIAL AND METHODS

Most of the specimens cited by Lecomte (1925, 1928a, b, 1929, 1930), were collected by just a few collectors, primarily Eugène Poilane and Jean Baptiste Louis Pierre. The original material and main collection is deposited in the herbarium of Muséum National d'Histoire Naturelle, Paris, France (P) (Stafleu & Cowan 1979; Natural History Museum 2013; herbarium codes following: Thiers 2016). Most specimens cited by Lecomte are also found in VNM (Institute of Tropical Biology, Ho Chi Minh City, Vietnam). A small number of duplicates are located at the herbaria of the Arnold Arboretum (A), Bishop Museum (BISH), Royal Botanic Garden Edinburgh (E), University of Hamburg (HBG), the Royal Botanic Gardens, Kew (K), the Naturalis Biodiversity Center, Leiden (L), the New York Botanical Garden (NY), Singapore Botanic Gardens (SING), and Smithsonian National Museum of Natural History (US) (JSTOR 2021; Muséum national d'Histoire naturelle [MNHN] 2021; Naturalis Biodiversity Center 2021; Royal Botanic Garden, Edinburgh 2021; Royal Botanic Gardens, Kew 2021).

Most of the protologues published by Lecomte (1925, 1928a, b) cited the collector's name and serial number of the gatherings seen, whereas the new taxa described in the later publications (Lecomte 1929, 1930), only listed the collectors. The lectotypification was made following these steps: 1) according to Article 9, and particularly Recommendation 9A, of the International Code of Nomenclature for algae, fungi, and plants (Turland *et al.* 2018), we gathered the syntypes (known and putative)

based on the accordance with as many of the original data as possible, including the collector names, numbers, localities, and vernacular names between the specimens and the protologues, as possible; 2) we checked for handwritten annotations on the specimens and matched the morphological description in the protologues; 3) the lectotypes were then chosen as the specimens most likely to have been studied by Lecomte, and where a choice was available, we prioritised the sheets in the best condition, especially those with full label data or with type annotation by Lecomte and/or those known to have the greatest number of duplicates; and 4) the remaining original material that was found is also included in the typifications below for completeness.

The names published by Lecomte (1925, 1928a, b, 1929, 1930) are typified regardless of their current status (accepted or synonym). The indication of the accepted name, which is specified for all synonymous names, indicates current use on POWO (2019) and WCSP (2021), rather than a taxonomic statement by the authors.

Some notes on the conventions adopted in this account: the spelling of the localities is reported as in the protologue and/or on the specimens, followed by the current place name in brackets (“*Original locality name* [= *Updated name*”]), when relevant. Localities that could not be precisely determined are written within “<>”.

RESULTS AND DISCUSSION

Family EBENACEAE Gürke
Genus *Diospyros* L.

Diospyros bangoiensis Lecomte

Notulae Systematicae 4 (4): 105 (Lecomte 1928a).

TYPES. — **Sud Annam**. Ba Ngoi [= **Vietnam**. Khanh Hoa, Ba Ngoi], 22.VI.1919, *Poilane* 9 (lecto-, P, first-step designated by Nguyen [1996: 63]; P[P00721429]!, second-step designated here; isolecto-, P[P00721430]!; VNM[VNM00015099, VNM00015100]!).

NOTES

In the original publication of this taxon, Lecomte (1928a: 105) only cited *Poilane* 9 collected from “Annam: Bangoi” as the original gathering. Nguyen (1996: 64) cited “*Poilane* 9 – P (holo)”, however, two sheets of this collection were located at P. Here we designate the specimen with barcode P00721429 as the lectotype. The sheet is the best preserved of the gathering and bears more extensive label data.

Diospyros baranensis Lecomte var. *baranensis*

Notulae Systematicae 4 (4): 111 (Lecomte 1928a).

TYPES. — **Annam**. Phanrang Prov., Ba Rau [= **Vietnam**. Ninh Thuan, Ba Rau], 22.III.1924, *Poilane* 10167 (lecto-, P, first-step designated by Nguyen [1996: 63]; P[P00721432]!, second-step designated here; isolecto-, HBG[HBG507406]!, P[P00721431, P00721433]!).

REMAINING ORIGINAL MATERIAL. — **Annam**. Phanrang Prov., Ca Na [= **Vietnam**. Ninh Thuan, Ca Na], 24.X.1925, *Poilane 12439* (NY[NY00335002]!; P[P00721434, P00721435, P00721436]!; VNM[VNM00015130, VNM00015132]!).

NOTES

Lecomte (1928a: 111) described this species based on the gatherings *Poilane 10167* and *Poilane 12439*. Nguyen (1996: 63) cited “*Poilane 10167* – P (holo)”, effectively designating the type collection, despite the wrong denomination. Since three sheets have been located at P, we add a second-step lectotypification by naming the best preserved sheet (barcode P00721432) as the lectotype.

Diospyros baranensis Lecomte var. *thoreliana* Lecomte

Notulae Systematicae 4 (4): 111 (Lecomte 1928a).

TYPES. — **Cochinchina**. Thu-Dau-Math [= **Vietnam**. Binh Duong, Thu Dau Mot], 1862-1866, *Thorel 1162* (lecto-, P[P00721437]!, designated here; isolecto-, P[P00721438]!).

NOTES

Lecomte (1928a: 111) described this taxon based on *Thorel s.n.* collected from “Cochinchine: Thudaumot”. Two sheets of *Thorel 1162* from the cited location were located at P. The specimen P00721437 has more conspicuous fertile material and is designated here as the lectotype.

Diospyros bonii Lecomte

Notulae Systematicae 4 (4): 111 (Lecomte 1928a).

TYPES. — **Tonkin occidental**. Phú Diên [= **Vietnam**. Hanoi, Phu Dien], 6.III.1892, *Bon 5215* (lecto-, P, first-step designated by Nguyen [1996: 64]; P[P00721446]!, second-step designated here; isolecto-, P[P00721443, P00721444, P00721445]!).

NOTES

Lecomte (1928a: 112) cited two gatherings in the protologue: *Bon 5215* from “Tonkin, Phudién”, and *Bon 2758* from “Tonkin, Lat son”, introducing the latter as a variant of the species with leaves more oval. Subsequently, Lecomte (1930: 960) cited only “Tonkin: Phù-diên (*Bon*)”, omitting the other. Nguyen (1996: 64) cited *Bon 5215* (P) as holotype but we found four sheets of *Bon 5215* at P. The specimen P00721446, the only sheet bearing Lecomte’s determination and type annotation, is designated here as the lectotype.

Diospyros cambodiana Lecomte

Bulletin du Muséum national d’Histoire naturelle, série 2, 1: 431 (Lecomte 1929).

TYPES. — **Cambodia**. X.I. Tonlé Om [= **Siem Reap**. <X.I.> Tonlé Om], *Béjaud s.n.* (lecto-, P[P00721450]!, Fig. 1, designated here; possible isolecto-, P[P00721451]!).

NOTES

Lecomte (1929: 431) cited “*Béjaud, sans numéro*” collected from Tonlé Om in Cambodia as the original gathering. There are two matching specimens at P (P00721450 and P00721451), identified as *Diospyros cambodiana* by Lecomte in his own handwriting. The annotation “X.I.” on the label is unlikely to represent the collector number, as all other collections by *Béjaud* have his serial number written in Arabic numerals. In addition, the herbarium received the specimen barcoded P00721450 on 24.VI.1929 and the specimen barcoded P00721451 on 18.IV.1929, therefore these two sheets may not belong to the same gathering. The specimen *Béjaud s.n.* (P[P00721450]) contains annotations and drawings that match the protologue, and therefore is designated as the lectotype.

Diospyros choboensis Lecomte

Notulae Systematicae 4 (4): 104 (Lecomte 1928a).

TYPES. — **Tonkin**. Massif de Biên près de Chobo [= **Vietnam**. Ninh Binh, Mt. Bien], 2.IX.1926, *Poilane 13111* (lecto-, P, first-step designated by Nguyen [1996: 65]; P[P00721465]!, second-step designated here; isolecto-, NY[NY00335008]!; P[P00721466, P00721467]!; VNM[VNM00015121, VNM00015123]!).

NOTES

Lecomte (1928a: 104) cited *Poilane 13111* as the only original material. Nguyen (1996: 65) stated that *Poilane 13111* (R) is the holotype of this species, however, no relevant collections were found at R, and this was presumably a typographical error (the correct code being P). Six sheets of *Poilane 13111* have been located at NY, P and VNM. Among them, P00721465 bears an original label with information that matches the protologue and is well preserved. It is therefore designated here as the lectotype.

Diospyros cordifolia Roxb. var. *oblongifolia* Lecomte

Flore générale de l’Indo-Chine 3 (7): 941 (Lecomte 1930).

ACCEPTED NAME. — *D. montana* Roxb.

TYPES. — **Annam**. Quangtri Prov., Le La Mân Vallée de la Tchépone [= **Laos**. Savannakhet, Xepone village], 14.V.1927, *Poilane 13333* (lecto-, P[P000721642]!, designated here; isolecto-, P[P000721643]!; VNM[VNM00015112]!).

REMAINING POSSIBLE ORIGINAL MATERIAL. — **Cambodia**. *Béjaud 212* (P[P06664570]!).

NOTES

Lecomte (1930: 941) cited collections of *Poilane* from “Laos: vallée de la Tchépone” and *Béjaud* from “Cambodge” as the original gathering. Three sheets of *Poilane 13333* collected from Tchépone have been located at P and VNM and one sheet of *Béjaud 212* from Cambodia has been located at P. The locality on the label of *Poilane 13333* (P[P00721642]) indicated that Tchépone was in Annam (central Vietnam).



Fig. 1. — Lectotype of *Diospyros cambodiana* Lecomte, Bénéaud s.n. (P00721450).

This village is, in fact, in Laos, close to the Laos-Vietnam border. The specimen P00721642 from *Poilane 13333*, the best preserved, has fruits and a detailed label. It is, therefore, designated here as the lectotype.

Diospyros dasyphylla Kurz var. *oblongifolia* Lecomte

Flore générale de l'Indo-Chine 3 (7): 950 (Lecomte 1930).

ACCEPTED NAME. — *D. penangiana* King & Gamble.

TYPES. — **Annam**. Nhatrang Prov., Massif de la Mère et l'Enfant [= **Vietnam**. Dak Lak, Mt. Vong Phu, Chu Mu], 24.V.1923, *Poilane 6826* (lecto-, P[P007216687]!), designated here; isolecto-, P[P00721668]!; VNM[VNM00015159]!).

NOTES

Lecomte (1930: 950) only cited *Poilane* collection from “Annam: massif de la Mère et l'Enfant”. Three sheets of *Poilane 6826* collected from this locality have been located at P and VNM. Among these, P00721667 is the best preserved and with an original detailed label and selected here as the lectotype.

Diospyros decandra Lour. var. *laosiana* Lecomte

Flore générale de l'Indo-Chine 3 (7): 962 (Lecomte 1930).

ACCEPTED NAME. — *D. decandra* Lour.

TYPES. — **Me-Kong**. Paklai [= **Laos**. Sainyabuli, Pak Lay], 1866-1868, *Thorel 3409* (lecto-, P[P00721479]!), designated here; isolecto-, VNM[VNM00015155]!).

REMAINING ORIGINAL MATERIAL. — **Tonkin**. Phrie Nhae, cult. [= **Vietnam**. <Phrie Nhae>, cultivated], 24.V.1882, *Bon 1588 (NB)* (P[P00721481]!); Ke Ja, cult. [= **Vietnam**. <Ke Ja>, cultivated], 15.V.1886, *Bon 3145 (TH)* (P[P00721482]!). — **Cochinchina**. Culta ad pagum Go Vap propè Saigon [= **Vietnam**. Ho Chi Minh City, Go Vap, cultivated], IV.1865, *Pierre 5033* (L[L.2665599]!, K[K001361153]!); P[P00721473, P00721474, P00721475, P00721476]!; SING!). — **Me-Kong**. Loung-Brabang [= **Laos**. Luang Prabang], 1866-1868, *Thorel 3409* (P[P00721480]!).

NOTES

Lecomte (1930: 962) cited four sources from three different Indochinese regions: *Bon* from west Tonkin, *Thorel* and *Poilane* from Laos, and *Pierre* from Southern Cochinchina. We could not locate *Poilane* material from Laos, and we found two different collections made by *Bon*, and the *Pierre* gathering, all from cultivated plants, and *Thorel* collections from Laos. Here, we designated *Thorel 3409* (P[P00721379]) from Pak Lai, Laos as the lectotype. A third sheet of *Thorel 3409* (P[P00721380]) was collected from Luang Prabang, Laos and is therefore not an isolectotype.

Diospyros decandra Lour. var. *tigrina* Lecomte

Flore générale de l'Indo-Chine 3 (7): 962 (Lecomte 1930).

ACCEPTED NAME. — *D. decandra* Lour.

TYPES. — **Annam**. Quang Tri Prov., Dent du Tigre [= **Vietnam**. Quang Tri, Dong Voi Mep], 6.V.1924, *Poilane 10219* (lecto-, P[P00721472]!), designated here; isolecto-, A[A00112916]!; VNM[VNM00015160, VNM00015161]!).

NOTES

Lecomte (1930: 962) cited *Poilane* collection from Dent du Tigre in Annam. Four sheets of *Poilane 10219* collected from the cited location have been located at A, P and VNM. The specimen P00721472 is the best preserved and with a detailed label and Lecomte's annotation. This specimen is, therefore, selected here as the lectotype.

Diospyros dussaudii Lecomte

Notulae Systematicae 4 (4): 113 (Lecomte 1928a).

TYPES. — **Laos**. *Dussaud 120* (lecto-, P[P00721485]!), designated here; isolecto-, P[P00721486, P02141495]!).

NOTES

Lecomte (1928a: 113) cited *Dussaud 120* from Laos as the original material. The collector's name cited by Lecomte is a typographical error for “*Dussaud*”, after whom the species is named. Three sheets of *Dussaud 120* annotated as “type” have been located at P, among which we designate here P00721485 as the lectotype.

Diospyros ehretioides Wall. ex G. Don var. *abo* Lecomte

Flore générale de l'Indo-Chine 3 (7): 925 (Lecomte 1930).

ACCEPTED NAME. — *D. ehretioides* Wall. ex G. Don.

TYPES. — **Cambodia**. *Béjaud 6* (lecto-, P[P00721487]!), designated here; isolecto-, P[P00721492, P00721493]!; VNM[VNM00015198, VNM00015199, VNM00015200]!).

NOTES

Lecomte (1930: 925) only cited the collection of *Béjaud* from Cambodia as the original material. Six sheets of the collection of *Béjaud 6* collected from Cambodia have been located at P and VNM, of which P00721487 is the best preserved and was identified at the variety level by Lecomte himself (the other sheets from the same collection were identified as *D. ehretioides* by Lecomte). This specimen is, therefore, designated here as the lectotype.

Diospyros elephasii Lecomte

Notulae Systematicae 4 (4): 113 (Lecomte 1928a).

TYPES. — **Cambodia**. Montagnes de l'Éléphant [= Mt. of the Elephant, probably Damrei Mountains in the South West], 10.VIII.1919, *Poilane 273* (lecto-, P[P00721494]!), designated here; isolecto-, NY[NY00335014]!; P[P00721495]!).

NOTES

Lecomte (1928a: 113) cited *Poilane 273* from “Cambodge: Mont de l’Eléphant” as the original gathering. Three sheets of *Poilane 273* have been located at NY and P, and here we designate P00721494 as the lectotype since it is the best preserved, has fruits and a detailed label, and was identified by Lecomte himself.

Diospyros embryopteris Pers. var. *thirung* Lecomte

Flore générale de l’Indo-Chine 3 (7): 959 (Lecomte 1930).

ACCEPTED NAME. — *D. malabarica* (Desr.) Kostel.

TYPES. — **Annam.** Thanh Hoa. Prov., Hôi Xuân [= **Vietnam.** Thanh Hoa, Quan Hoa, Hoi Xuan], 24.VIII.1920, *Poilane 1766* (lecto-, P[P00721581]!), designated here; isolecto-, P[P00721580]!).

NOTES

Lecomte (1930: 959) cited *Poilane* collection from “Annam: prov. de Thanh-hoa” as the original material. Among the collections made by *Poilane* in Thanh Hoa, two sheets of *Poilane 1766* have matching local name (Cay Thi Rung and Muong) and morphology. Here we designated the best preserved sheet, P00721581, as the lectotype.

Diospyros eriantha Champ. ex Benth.
var. *balansae* Lecomte

Flore générale de l’Indo-Chine 3 (7): 952 (Lecomte 1930).

ACCEPTED NAME. — *D. eriantha* Champ. ex Benth.

TYPES. — **Tonkin.** Tankeuin, dans les bosquets [= **Vietnam.** Northern, <Tankeuin>, in the groves], 19.XI.1885, *Balansa 1056* (lecto-, P[P00721502]!), designated here; isolecto-, P[P02141497]!).

REMAINING ORIGINAL MATERIAL. — **Tonkin.** Bords du ruisseau de Ouonbi, en amont de ce village [= **Vietnam.** banks of the <Ouonbi> River], XI.1885, *Balansa 1054* (SING!; VNM[VNM00015204]!). — **Tonkin occidental.** [= **Vietnam.** North Western], *Bon 5606* (VNM[VNM00015203]!).

NOTES

Lecomte (1930: 952) cited collections of *Balansa* and *Bon* from Tonkin. Three matching gatherings have been located at P, VNM and SING. Among these, two sheets of *Balansa 1056* are better preserved, and one of them, P00721502, also bearing original drawings and annotations, is here designated as the lectotype.

Diospyros eriantha Champ. ex Benth. var. *conica* Lecomte

Flore générale de l’Indo-Chine 3 (7): 952 (Lecomte 1930).

ACCEPTED NAME. — *D. apiculata* Hiern.

TYPES. — **Annam.** Col des Nuages, près Tourane [= **Vietnam.** Border of Da Nang and Thua Thien-Hue, Hai Van Pass, near Da Nang], 18.IX.1923, *Poilane 8080* (lecto-, P[P00721421]!), designated here; isolecto-, P[P05197352]!).

REMAINING ORIGINAL MATERIAL. — **Annam.** Col des Nuages, près Tourane [= **Vietnam.** border of Da Nang and Thua Thien-Hue, Hai Van Pass, near Da Nang], 28.VIII.1923, *Poilane 7769* (P[P00721422]!).

NOTES

Lecomte (1930: 952) only cited a *Poilane* collection from Annam: Col des Nuages as the original gathering. Two *Poilane* collections from Annam have been located at P (*Poilane 7769* and *8080*). The best preserved specimen of *Poilane 8080*, P00721421, is designated here as the lectotype.

Diospyros eriantha Champ. ex Benth.
var. *fragrans* Lecomte

Flore générale de l’Indo-Chine 3 (7): 952 (Lecomte 1930).

ACCEPTED NAME. — *D. eriantha* Champ. ex Benth.

TYPES. — **Annam.** Nhatrang Prov., Île My Giang (près Ninh Hoa) [= **Vietnam.** Khanh Hoa, My Giang Island], 24.IV.1923, *Poilane 6064* (lecto-, P[P00721503]!), designated here; isolecto-, P[P00721504, P00721505]!).

NOTES

Lecomte (1930: 952) only cited a *Poilane* collection from Annam as the original material. Three sheets of *Poilane 6064* from Annam, identified as *D. eriantha* var. *fragrans* by Lecomte have been located at P. Here, we designate the specimen P00721503, with original annotations, as the lectotype.

Diospyros eriantha Champ. ex Benth.
var. *latifolia* Lecomte

Flore générale de l’Indo-Chine 3 (7): 952 (Lecomte 1930).

ACCEPTED NAME. — *D. eriantha* Champ. ex Benth.

TYPES. — **Annam.** Nhatrang Prov., Presqu’île de Han Heo [= **Vietnam.** Khanh Hoa, Hon Heo Peninsula], 12.VI.1923, *Poilane 6837* (lecto-, P[P00721419]!), designated here; isolecto-, P[P00721420]!).

REMAINING ORIGINAL MATERIAL. — **Indochina.** *Poilane s.n.* (VNM[VNM00015208]!).

NOTES

Lecomte (1930: 952) only cited *Poilane* material from Annam as the original material. One gathering of *Poilane 6837* consisting of three sheets has been located at P. A further specimen with Lecomte’s handwritten determination, but with no collection number or origin information was located at VNM. The sheet of *Poilane 6837* with label data closely matching the protologue, P00721419, is designated here as the lectotype.

Diospyros eugenii Lecomte var. *eugenii*

Notulae Systematicae 4 (4): 103 (Lecomte 1928a).

ACCEPTED NAME. — *D. martabanica* C.B.Clarke.

TYPES. — **Annam**. Quang Tri Prov., Dent du Tigre [= **Vietnam**. Quang Tri, Dong Voi Mep], 8.V.1924, *Poilane 10375* (lecto-, P[P0072514]!), designated here; isolecto-, NY[NY00335015]!; P[P00721513, P00721515]!; SING!).

REMAINING ORIGINAL MATERIAL. — **Annam**. Quang Tri Prov., massif de Dong Co Pat [= **Vietnam**. Quang Tri, Mt. <Dong Co Pat>], 5.VII.1924, *Poilane 11202* (P[P00721516, P00721517, P00721518]!). — **Quang Tri Prov.**, massif de Dong Tri, sommet de Dong Tri, 950 m alt. [= **Vietnam**. Quang Nam Prov., Mt. <Dong Tri>, the summit], 17.VI.1924, *Poilane 11018* (P[P0072519, P00721520, P00721521]!).

NOTES

Lecomte (1928a: 104) cited three collections from Annam in the protologue: *Poilane 10375* from Dent du Tigre, *Poilane 11202* from Dang co pat, and *Poilane 1108* from Dangtri, all in Phanrang Province. Several sheets of *Poilane 10375* and *Poilane 11202* have been located at NY, P and SING. The collection *Poilane 1108*, held at P, is not a *Diospyros*, and none of the label data match in any way the protologue. We found, however, three sheets of *Poilane 11018* at P, determined as *Diospyros eugenii* by Lecomte, with matching label data, and each annotated '11018 et non 1108'. Among the three gatherings, we designate here as the lectotype the specimen *Poilane 10375* (P[P00721514]), which includes a detailed drawing of the male flower.

Diospyros eugenii Lecomte var. *laotica* Lecomte

Notulae Systematicae 4 (4): 104 (Lecomte 1928a).

ACCEPTED NAME. — *D. martabanica* C.B. Clarke.

TYPES. — **Laos**. San Neua Prov., Na Ham [= Houaphanh, Xam Neua, <Na Ham>], 15.IX.1920, *Poilane 1863* (lecto-, P[P00721522]!), designated here; isolecto-, NY[NY00335016]!; P[P00721523, P00721524]!; VNM[VNM00015207]!).

NOTES

Lecomte (1928a: 104) cited *Poilane 1863* from “Laos, près de Sam Nuea” as the original gathering. Five sheets of *Poilane 1863* have been located at NY, P and VNM. The specimen P00721522 is designated here as the lectotype since it is the only sheet with Lecomte’s annotation and the best preserved with many fruits and a detailed label.

Diospyros eugenii Lecomte var. *tonkinensis* Lecomte

Notulae Systematicae 4 (4): 104 (Lecomte 1928a).

ACCEPTED NAME. — *D. martabanica* C.B. Clarke.

TYPES. — **Tonkin**. Village Mán de Mo Ne près Chô Bô [= **Vietnam**. Hoa Binh or Thanh Hoa Prov., Man village of <Mo Ne> near Cho Bo], 31.VIII.1926, *Poilane 13039* (lecto-, P[P00721510]!), designated here; isolecto-, [P00721511, P00721512]!).

NOTES

Lecomte (1928a) cited *Poilane 13039* from “Tonkin: région de Cho-bo” as the original material. Three sheets of *Poilane*

13039 have been located at P. The specimen P00721510 is designated here as the lectotype since it is the best preserved and with a detailed label.

Diospyros faucium Lecomte var. *faucium*

Notulae Systematicae 4 (4): 120 (Lecomte 1928a).

ACCEPTED NAME. — *D. cauliflora* Blume.

TYPES. — **Annam**. Col des Nuages près Tourane [= **Vietnam**. Border of Da Nang and Thua Thien-Hue, Hai Van Pass, near Da Nang], 14.IX.1923, *Poilane 7991* (lecto-, P[P00721455]!), designated here; isolecto P[P00721456]!).

NOTES

Lecomte (1928a: 121) cited *Poilane 7991* from “Annam: Col des Nuages” as the original material. The cited collection has been located at P as two sheets, and here we designate the best preserved specimen P00721455 as the lectotype because it has an illustration and description of female flowers and includes Lecomte’s type annotation and determination.

Diospyros faucium Lecomte var. *grandifolia* Lecomte

Notulae Systematicae 4 (4): 121 (Lecomte 1928a).

ACCEPTED NAME. — *D. cauliflora* Blume.

TYPES. — **Annam**. Linh Chiên, près Tourane [= **Vietnam**. Da Nang, Lien Chieu], 8.VIII.1923, *Poilane 7391* (lecto-, P[P00721457]!), designated here; isolecto-, NY[NY00335018]!; P[P00721458]!; VNM[VNM00015224]!, VNM00015225]!).

REMAINING ORIGINAL MATERIAL. — **Annam**. Linh Chiên, près Tourane [= **Vietnam**. Da Nang, Lien Chieu], 19.VIII.1923, *Poilane 7677* (P[P00721459, P00721460, P00721461]!; VNM[VNM00015227]!).

NOTES

Lecomte (1928a: 121) cited *Poilane 7391* and 7677 from “Annam: Tourane, Lieu chieu” as the original gatherings. The former collection has been located at NY, P and VNM and the later collection has been located at P and VNM. The collection *Poilane 7391* is better preserved than the others. The specimen P00721457 is the best preserved, including a detailed label and Lecomte’s determination, and is designated here as the lectotype.

Diospyros fleuryana A.Chev. ex Lecomte var. *fleuryana*

Flore générale de l’Indo-Chine 3 (7): 948 (Lecomte 1930).

TYPES. — **Annam**. Nhatrang Prov., Massif du Hon-Ba, 1000 m à 1500 m d’alt. (sommet) [= **Vietnam**. Khanh Hoa, the summit of Mt. Hon Ba, 1500 m alt.], 28-31.VIII.1918, *Chevalier 38854* (lecto-, P, first-step designated by Nguyen [1996: 66]; P[P00721602], Fig. 2, second-step designated here; isolecto-, E[E00934303]!; K[K000342277]!; P[P00721603, P00721604]!).

NOTES

Lecomte (1930: 948) only cited a *Chevalier* collection from “Annam: S. massif de Hon-ba, alt. 1200–1500 m., en forêt” as the original material. Nguyen (1996: 66) cited *Chevalier s.n.* (P) as the holotype, effectively making a first-step lectotypification. We have located five sheets of *Chevalier 38854* at E, K and P, collected from the cited locality, and annotated by Chevalier as “*Diospyros fleuryana* A.Chev.”. Three of them, K000342277, P00721602 and P00721604 are also annotated as “type” in Chevalier’s handwriting. The specimen P00721602, being in the best conditions, is chosen here as the lectotype.

Diospyros fleuryana A.Chev. ex Lecomte
var. *coriacea* Lecomte

Flore générale de l’Indo-Chine 3 (7): 948 (Lecomte 1930).

ACCEPTED NAME. — *D. fleuryana* A.Chev. ex Lecomte.

TYPES. — **Annam.** massif de Côt Inh près Nhatrang [= **Vietnam.** Khanh Hoa, Mt. <Co Inh> near Nha Trang], 17.IX.1922, *Poilane 4606* (lecto-, P[P00721608]!), designated here; isolecto-, K[K001351309, K001351310]!; P[P00721609, P00721610]!; SING!).

REMAINING ORIGINAL MATERIAL. — **Annam.** Núi Han Heo près de Nhatrang [= **Vietnam.** Khanh Hoa, Mt. Hon Heo near Nha Trang], 4.X.1922, *Poilane 4873* (NY[NY00335024]!; P[P00721605, P00721606, P00721607]!; VNM[VNM00015221, VNM00015222, VNM00015223]!).

NOTES

Lecomte (1930: 948) cited *Poilane* material from “Annam: province de Nhatrang, Côt-inh, Henkéo, alt. 700 m.” as the original material but did not give collection numbers. We found two collections with matching characteristics: *Poilane 4873* from Han Heo, Nhatrang, and *Poilane 4606* from Côt Inh, Nhatrang, with specimens at K, NY, P, SING and VNM. The selected lectotype (P00721608), belonging to the gathering *Poilane 4606*, includes a wood sample and a typed description of the wood that matches closely the protologue.

Diospyros harmandii Lecomte

Notulae Systematicae 4 (4): 121 (1928a). — *D. ebretioides* Wall. ex G.Don var. *harmandii* Lecomte, *Flore générale de l’Indo-Chine* 3 (7): 925 (Lecomte 1930).

ACCEPTED NAME. — *D. ebretioides* Wall. ex G.Don.

TYPES. — Cambodia. ad Bonthey in Prov. Kokek/Cokek [= <Kokek/Cokek>, <Bouthey>], II.1876, *Harmand 415* (lecto-, P[P00721490]!), designated here; isolecto-, P[P00721488, P00721489, P00721491]!).

NOTES

In the protologue of *Diospyros harmandii*, Lecomte (1928a: 121) cited *Harmand 415* from “Cambodge: prov. de Kokek” as the original material. He did not cite *D. harmandii* in the 1930 account, neither as a species nor as a synonym. We found that the description of *D. ebretioides* Wall. ex G.Don var. *harmandii* Lecomte (1930: 925) matches with *D. harmandii* Lecomte

(1928a: 121), and the original material of *D. ebretioides* var. *harmandii* is “Cambodge: (*Harmand*)”. We consider *D. harmandii* a homotypic synonym of *D. ebretioides* var. *harmandii* in Lecomte’s intentions. We located four sheets of *Harmand 415* at P, and here we designate the specimen P00721490 as the lectotype.

Diospyros longibracteata Lecomte

Notulae Systematicae 4 (4): 99 (Lecomte 1928a).

TYPES. — **Laos.** Kilo 160 Route de Savannakhet à Quang Tri [= km 160 on the route from Savannakhet (Laos) to Quang Tri (Vietnam)], 8.I.1925, *Poilane 11525* (lecto-, P[P00721612]!), designated here; isolecto-, NY[NY00335033, NY00335034, NY00335035]!; P[P00721611, P00721613]!; VNM[VNM00015271, VNM00015272]!).

NOTES

Lecomte (1928a: 100) cited *Poilane 11525* from “Laos: route de Suvannakhet à Quang tri” as the original material. Eight sheets of this gathering have been located at NY, P and VNM. Here, we designate the specimen P00721612 as the lectotype – it is the only sheet in the gathering bearing Lecomte’s type annotation.

Diospyros magnifica Lecomte

Flore générale de l’Indo-Chine 3 (7): 942 (Lecomte 1930).

ACCEPTED NAME. — *D. dasyphylla* Kurz.

TYPES. — **Cochinchina.** Bien Hoa Prov., Núi Chua Chan [= **Vietnam.** Dong Nai, Mt. Chua Chan], 12.I.1928, *Poilane 14499* (lecto-, P[P00721469]!), designated here; isolecto NY[NY00335039]!; P[P00721470, P00721471]!; VNM[VNM00015266, VNM00015269]!).

NOTES

Lecomte (1930: 943) cited *Poilane* collection from “Cochinchine: Nui-chua-chan, prov. de Bien-hoa, sol volcanique” as the original material. Five sheets of *Poilane 14499* collected from the cited location have been located at NY, P and VNM. The specimen P00721469 is the best preserved and with a detailed label and Lecomte’s determination. It is, therefore, designated here as the lectotype.

Diospyros moi Lecomte

Notulae Systematicae 4 (4): 114 (Lecomte 1928a).

TYPES. — **Annam.** Quang Tri Prov., Lang Khoai [= **Vietnam.** Quang Tri, Lang Khoai], 10.VI.1924, *Poilane 10791* (lecto-, P, first-step designated by Nguyen [1996: 69]; P[P00721635]!), second-step designated here; isolecto-, NY[NY00335040, NY00335041]!; P[P00721636, P00721637]!; VNM[VNM00015334, VNM00015335]!).

NOTES

Lecomte (1928a: 114) cited *Poilane 10791* collected from Quang tri Province in Annam as the original material,

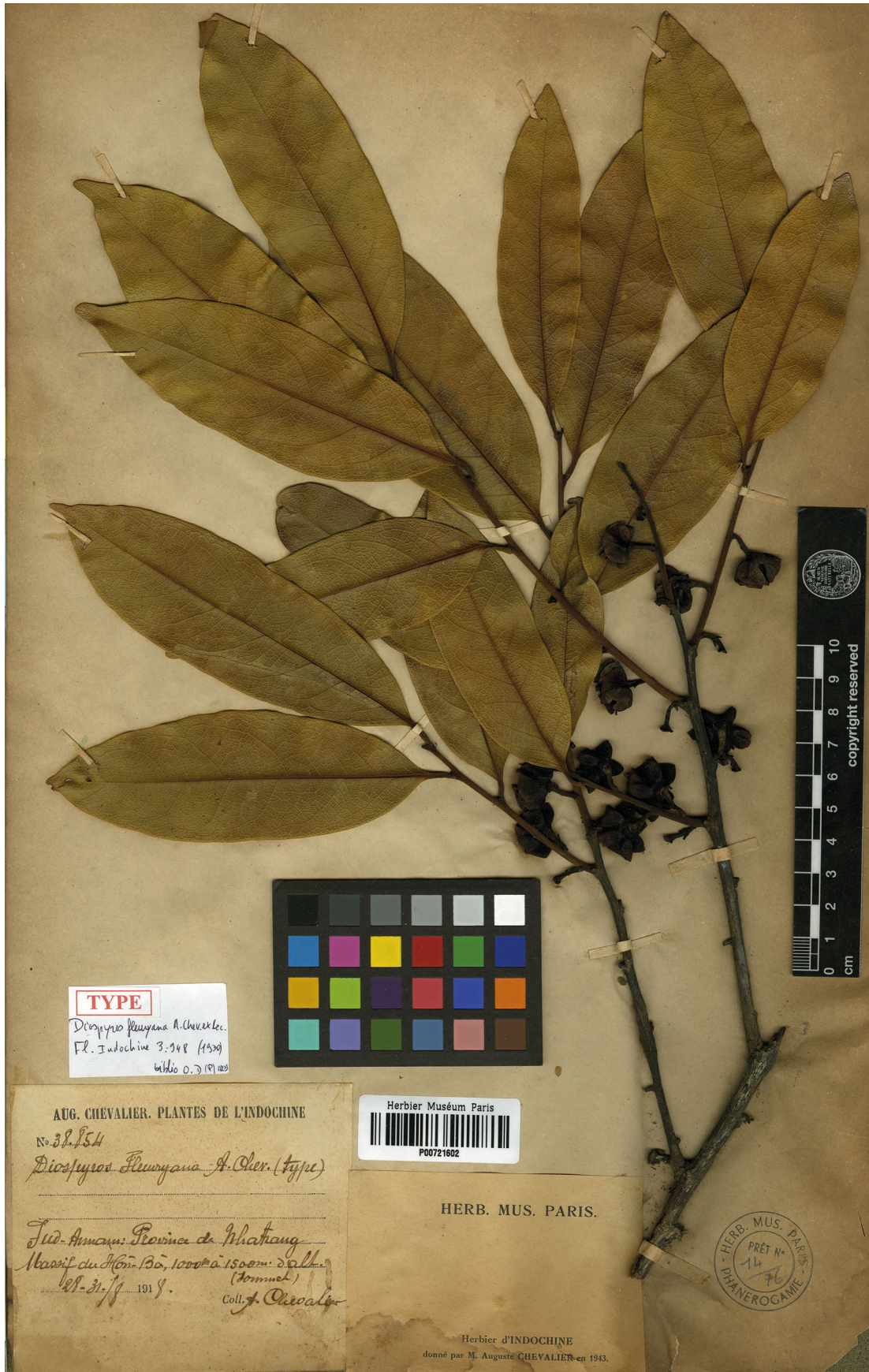


Fig. 2. — Lectotype of *Diospyros fleuryana* A.Chev. ex Lecomte var. *fleuryana*, Chevalier 38854 (P00721602).

and seven specimens of this collection have been located at NY, P and VNM. Nguyen (1996: 69) cited *Poilane 10791* (P) as the holotype of this species. Since there are three sheets of *Poilane 10791* at P, however, a second-step lectotypification is needed. The specimen P00721635, including a detailed label and Lecomte's annotation, is designated here as the lectotype. Additionally, two wood anatomical slides of *Poilane 10791* are also found in P slide library.

Diospyros mun A.Chev. ex Lecomte

Les Bois de l'Indochine: 187 (Lecomte 1925), emend. Lecomte, *Notulae Systematicae* 4 (4): 108 (Lecomte 1928a).

TYPES. — **Annam**. Phauri Prov., Song Long Song, 29.VI.1919 [= **Vietnam**. Binh Thuan, Song Long Song], *Poilane 134* (lecto-, P[P00329455]), Fig. 3, designated here; isolecto-, K[K001361496, K001361498]!; NY[NY00335045]!; P[P00721624]!; SING!; US[US00901994]!; VNM[VNM00015303, VNM00015320]!).

REMAINING ORIGINAL MATERIAL. — **Annam**. [= **Vietnam**], 10.X.1917, *Chevalier 35887* (collector: *Guibier*) (P00293043!); Hoa Cat près de Nhatrang, à 14 km au nord de Nhatrang et à moins de 2 km de la mer [= **Vietnam**. Khanh Hoa, <Hoa Cat>, 14 km north of Nha Trang], 26.IX.1922, *Poilane 4707* (P[P00721625]!; SING!; VNM[VNM00015304]!); **Phauri Prov.**, Song Long Song [= **Vietnam**. Binh Thuan, Song Long Song], 29.VI.1919, *Poilane 133* (NY[NY00335042, NY00335044]!; P[P00329454, P00721624]!; SING!; US[US00901995]!; VNM[VNM00015302]!); **Phanrang Prov.**, environs de la gare de Balac, sur le chemin de fer de Tourcham au Lang-Bian [= **Vietnam**. Ninh Thuan, near <Balac> train station, on the railway from Thap Cham to Lang Bian], 20.II.1914, *Chevalier 30036* (collector: *Fleury*) (P[P00721619, P00721673]!); **Phanrang Prov.**, Ba Rau [= **Vietnam**. Ninh Thuan, Ba Rau], 27.II.1924, *Poilane 9754* (K[K001361490]!; NY[NY00335046]!; P[P00721631, P00721632]!; VNM[VNM00015308, VNM00015312]!); 21.III.1924, *Poilane 101214* (BISH[BISH1001310]!; P[P00721633]!); **Phanrang Prov.**, Ca Na [= **Vietnam**. Ninh Thuan, Ca Na], 4.III.1923, *Poilane 5554* (BISH[BISH1001311]!; K[K001361489]!; P[P00721626]!; SING!; VNM[VNM00015305]!); 26.III.1923, *Poilane 5847* (P[P00721627]!; VNM[VNM00015295, VNM00015308]!); 12.XI.1923, *Poilane 8559* (HBG[HBG507348]!; P[P00721628]!; VNM[VNM00015297, VNM00015298, VNM00015307, VNM00015313]!); 26.XI.1923, *Poilane 8779* (HBG[HBG507349]!; K[K001361497]!; P[P00293045, P00721629]!); 24.XII.1923, *Poilane 9325* (K[K001361500]!; P[P00721630]!; VNM[VNM00015310, VNM00015311]!, year collected on both specimens: “1925”, probably typological error); **Ba Ngoi** [= **Vietnam**. Khanh Hoa, Ba Ngoi], 24.VI.1919, *Poilane 57* (K[K001361488, K001361493]!; P[P00329456, P00721672]!; VNM[VNM00015296]!); 24.VI.1919, *Poilane 59* (K[K001361491]!; P[P00721620, P00721621]!; SING!; VNM[VNM00015317, 1 sheet without barcode]!); 24.VI.1919, *Poilane 75* (NY[NY00335043]!; P[P00721622]!; VNM[VNM00015299, VNM00015300]!).

NOTES

Lecomte (1925: 188) cited the original material under two groups: a form with long pedicellate female flowers, represented by collections of *Chevalier* from Cambodia and *Poilane* from Cochinchina, and a form with short

pedicels, with *Chevalier* and *Poilane* gatherings from Annam. He separately cited the specimen *Chevalier 30036* from Phanrang, which he used to study the anatomy of the species and six wood anatomical slides are found in P slide collection. We have located *Chevalier* and *Poilane* collections (short pedicels) from Annam at BISH, HBG, K, P, NY, SING, US and VNM, but *Chevalier's* and *Poilane* collections (long pedicel) from Cambodia and Cochinchina have not been identified. In his later publication, Lecomte (1928a: 108) restricted the species to the specimens with short pedicels (*Poilane 57, 59, 75, 133, 134, 4707, 5554, 5847, 8559, 8779, 9323* and *10114* and *Chevalier 30036* and *35887* from Annam). Among the collections that we could locate, *Poilane 134* has the largest number of well preserved duplicates (K, NY, P, SING, US and VNM). Here, we designate the specimen P00329455 with Lecomte's handwritten determination as the lectotype.

Diospyros nebulorum Lecomte

Notulae Systematicae 4 (4): 116 (Lecomte 1928a).

TYPES. — **Annam**. Col des Nuages, près Tourane [= **Vietnam**. border of Da Nang and Thua Thien-Hue, Hai Van Pass, near Da Nang], 9.IX.1923, *Poilane 7844* (lecto-, P, first-step designated by Nguyen [1996: 70]; P[P00721674]!), second-step designated here; isolecto-, P[P00721675, P00721676]!; VNM[VNM00015345, VNM00015346]!).

NOTES

Lecomte (1928a: 116) cited *Poilane 7844* from “Annam: Tourane, Col des Nuages” as the original gathering. Nguyen (1996: 70) cited “Type: *Poilane 4512* – P (holo)” which effectively lectotypified the collection at P. Three sheets of the cited collection have been located at P, among which the specimen P00721674, the best preserved and bearing a detailed label and Lecomte's determination, is designated here as the lectotype.

Diospyros nhatrangensis Lecomte

Notulae Systematicae 4 (4): 115 (Lecomte 1928a).

TYPES. — **Annam**. Nhatrang [= **Vietnam**. Khanh Hoa, Nha Trang], 10.IX.1922, *Poilane 4512* (lecto-, P, first-step designated by Nguyen [1996: 70]; P[P00721677]!), second-step designated here; isolecto-, NY[NY00335047]!; P[P00721678, P00721679]!; VNM[VNM00015342, VNM00015343, VNM00015344]!).

NOTES

Lecomte (1928a: 116) cited *Poilane 4512* from Nhatrang as the original material. Then, Nguyen (1996: 70) cited *Poilane 4512* (P) as the holotype. We found seven sheets of this collection, including three from P. Here we complete the lectotypification of this species by designating the specimen P00721677 as the lectotype.

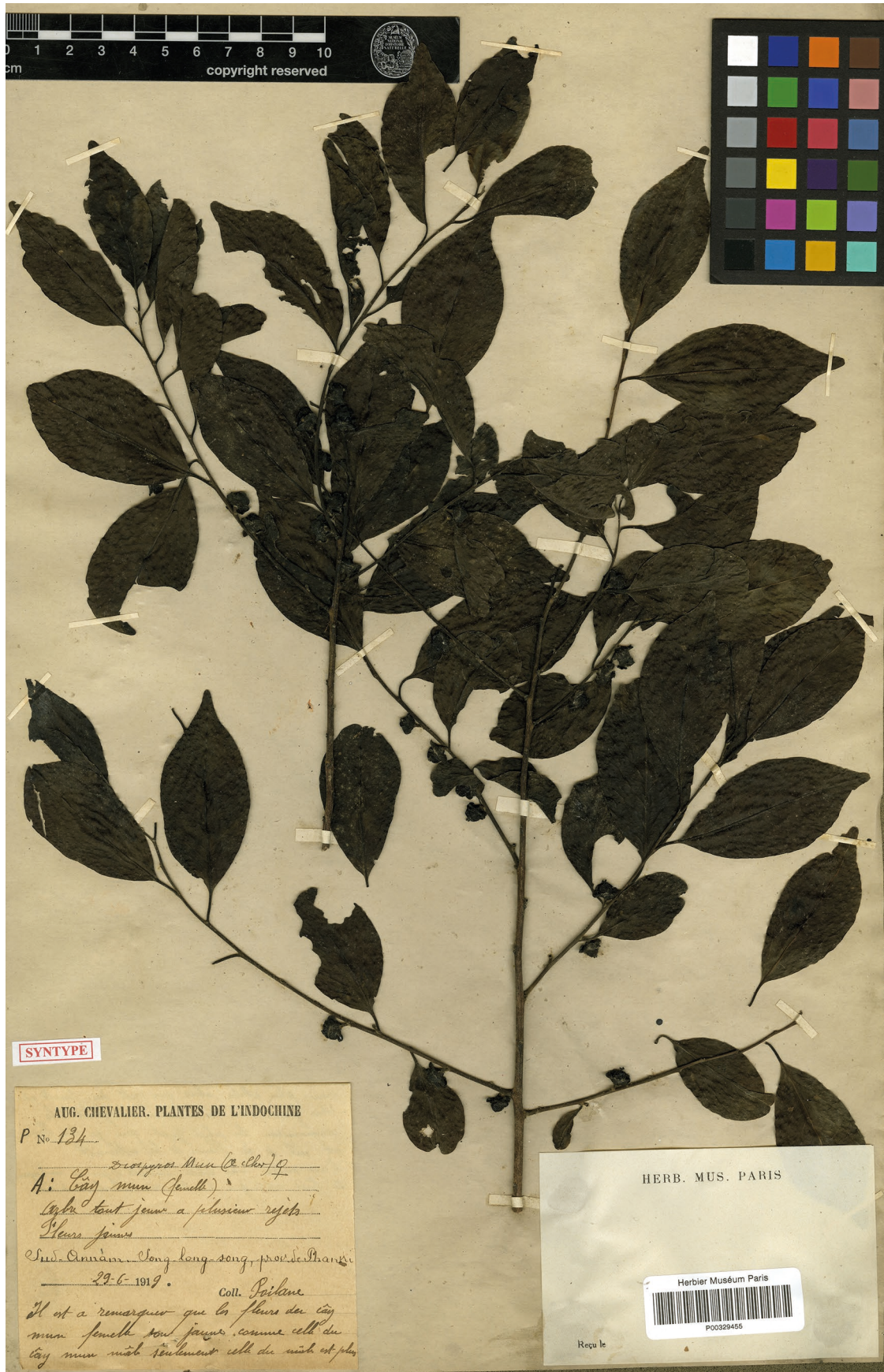


FIG. 3. – Lectotype of *Diospyros mun* A.Chev. ex Lecomte, *Poilane* 134 (P00329455).

Diospyros nitidula Lecomte

Les Bois de l'Indochine: 189 (Lecomte 1925). — *Diospyros finetii* Lecomte, *Notulae Systematicae* 4 (4): 114 (Lecomte 1928a), nom. superfl.

ACCEPTED NAME. — *D. rhodocalyx* Kurz.

TYPES. — **Annam**. Massif de Co Hin près de Nhatrang [= **Vietnam**. Khanh Hoa, Mt. <Co Hin>], 10.III.1922, *Poilane* 2782 (lecto-, P[P00721683]!, designated here; isolecto-, NY[NY00335022]!; P[P00721684, P00721685]!; VNM[VNM00015250, VNM00015251, VNM00015252, VNM00015253]!).

REMAINING ORIGINAL MATERIAL. — **Annam**. Nhatrang Prov., près Han Heo [= **Vietnam**. Khanh Hoa, near Mt. Hon Heo], 12.VI.1923, *Poilane* 6869 (NY[NY00335023]!; P[P00721686, P00721687, P00721688, P05192116]!; VNM[VNM00015247, VNM00015254]!); **Phanrang Prov.**, Ba Rau [= **Vietnam**. Ninh Thuan, Ba Rau], 22.II.1924, *Poilane* 9723 (P[P00721689, P00721690, P00721691]!; VNM[VNM00015248, VNM00015249, VNM00015255]!).

NOTES

Lecomte (1925: 189) cited *Poilane* 2782 and 6869 from Nhatrang and *Poilane* 9872 and 9723 from Phanrang as the original material. Later, he described *Diospyros finetii* Lecomte (1928a: 114) based on the same collections, except *Poilane* 9872 which he no longer cited as one of the relevant specimens and appears to be lost. As there appears to be no reason why Lecomte rejected the earlier epithet, *D. finetii* is a superfluous name, homotypic with *D. nitidula*. Three of the cited collections have been located at NY, P and VNM, but we could not find *Poilane* 9872. Here, we designate the specimen P00721683 from *Poilane* 2782 as the lectotype because it is the best preserved out of the only two sheets across the three gatherings to have been determined by Lecomte as a type of *D. finetii* (the other being VNM00015247 from *Poilane* 6869).

Diospyros odoratissima Lecomte var. *odoratissima*

Notulae Systematicae 4 (4): 109 (Lecomte 1928a).

ACCEPTED NAME. — *D. lobata* Lour.

TYPES. — **Annam**. Île Tre près Nhatrang [= **Vietnam**. Khanh Hoa, Hon Tre Island], 31.III.1922, *Poilane* 2885 (lecto-, P[P00721649]!, designated here; isolecto P[P00721650]!; VNM[VNM00015390]!).

REMAINING ORIGINAL MATERIAL. — **Annam**. Île Tre près Nhatrang [= **Vietnam**. Khanh Hoa, Hon Tre Island], 31.III.1922, *Poilane* 2884 (P[P00721647, P00721648]!; VNM[VNM00015388]!); 14.IV.1932, *Poilane* 3015 (P[P00721651, P00721652, P00721653]!; VNM[VNM00015387, VNM00015389]!).

NOTES

Lecomte (1928a: 109) cited three collections of *Poilane* (3015, 2884 and 2885) from “Annam: Ile Tré” as the original material. All cited collections have been located at P and VNM. The specimen P00721649 from *Poilane* 2885 is the only sheet bearing Lecomte’s type annotation and is designated here as the lectotype.

Diospyros odoratissima Lecomte var. *oblonga* Lecomte

Notulae Systematicae 4 (4): 109 (Lecomte 1928a).

ACCEPTED NAME. — *D. lobata* Lour.

TYPES. — **Cambodia**. Région de Kompong Cham [= **Cambodia**. Kampong Cham], 28-30.XII.1917, *Chevalier* 35881 (lecto-, P[P00721654]!, designated here).

REMAINING ORIGINAL MATERIAL. — **Cambodia**. Région de Kompong Cham [= **Cambodia**. Kampong Cham], 28-30.XII.1917, *Chevalier* 35882 (P[P00721655]!).

NOTES

Lecomte (1928a: 111) cited two collections of *Chevalier* (35881 and 35882) as the original material. To the best of our knowledge, both specimens are unicates, both are at P and both are sterile. The best preserved specimen, P00721654, is designated here as the lectotype.

Diospyros oocarpa Thwaites var. *attopeuensis* Lecomte

Flore générale de l'Indo-Chine 3 (7): 929 (Lecomte 1930).

TYPES. — Ad regionem Attopeu, alt. 600 met [= **Laos**. Attapeu, 600 m alt.], III.1877, *Harmand* 1401 (lecto-, P[P00721661]!, designated here; isolecto-, P[P00721660, P00721662]!).

NOTES

Lecomte (1930: 929) only cited *Harmand* collection from Attopeu region in Laos as the original gathering. Three sheets of *Harmand* 1401 collected from the cited location and with species annotation in Lecomte’s handwriting have been located at P. Here, we designate P00721661 as the lectotype because it is the most complete specimen.

Diospyros phanrangensis Lecomte

Notulae Systematicae 4 (4): 116 (Lecomte 1928a).

TYPES. — **Annam**. Phanrang Prov., environs de la gare de Balac, sur le chemin de fer de Tourcham au Lang Bian [= **Vietnam**. Ninh Thuan, near <Balac> train station, on the railway from Thap Cham to Lang Bian], 20-23.II.1914, *Fleury* 30033 (lecto-, P[P00721701]!, designated here; isolecto P[P00721702]!).

NOTES

Lecomte (1928a: 117) cited *Fleury* 30033 from “Annam, près la gare de Phanrang” as the original material. Two sheets of such a collection have been located at P, both with detailed labels and Lecomte’s determination. Here, we designate the specimen P00721701, the best preserved sheet, as the lectotype.

Diospyros pierrei Lecomte

Notulae Systematicae 4 (4): 118 (Lecomte 1928a).

TYPES. — **Cochinchina**. Bien Hoa Prov., Bao Chianh [= **Vietnam**. Dong Nai, Bao Chanh], IX.1865, *Pierre 5026* (lecto-, P, first-step designated by Nguyen [1996: 71]; P[P00721703]!), second-step designated here; isolecto-, P[P02141493, P02141494]!; VNM[VNM00015337]!).

NOTES

Lecomte (1928a: 118) cited *Pierre 5026* from “Cochinchine: Bao Chiang, province de Bien Hoa” as the original material. Nguyen (1996: 71) cited *Pierre 5026* (P) as the holotype. As this collection does not comprise a single sheet, a second-step lectotypification needs to be made. Four sheets of *Pierre 5026* have been located at P and VNM and have Lecomte’s determination and a detailed label. Here, we designate P00721703, the best preserved specimen from the P collection as the lectotype.

Diospyros pilosella Lecomte

Notulae Systematicae 4 (4): 104 (1928a).

ACCEPTED NAME. — *D. pilosiuscula* G. Don.

TYPES. — **Annam**. Liêu Chiêu près Tourane [= **Vietnam**. Da Nang, Lien Chieu], 15.VIII.1923, *Poilane 7489* (lecto-, P[P00721704]!), designated here; isolecto-, P[P00721705, P00721706]!; VNM[VNM00015338, VNM00015340]!).

REMAINING ORIGINAL MATERIAL. — **Annam**. Liêu Chiêu près Tourane [= **Vietnam**. Da Nang, Lien Chieu], 19.VIII.1923, *Poilane 7652* (NY[NY00334751]!; P[P00721707, P00721708, P00721709]!; VNM[VNM00015339, VNM00015341]!).

NOTES

Lecomte (1928a: 105) cited two collections of *Poilane* (7489 and 7652) from “Annam, près de Tourane, Liêu Chiêu, altitude 600–700 m.” as the original gatherings. Specimens have been located at NY, P and VNM, and *Poilane 7489* (P[P00721704]) is better preserved and has a drawing and brief description.

Diospyros roi Lecomte

Notulae Systematicae 4 (4): 106 (Lecomte 1928a).

ACCEPTED NAME. — *D. frutescens* Blume.

TYPES. — **Annam**. Nhatrang Prov., Mère et l’enfant [= **Vietnam**. Dak Lak, Mt. Vong Phu, Chu Mu], 8.XI.1922, *Poilane 5120* (lecto-, P[P00721550]!), designated here; isolecto-, P[P00721551]!; VNM[VNM00015392]!).

REMAINING ORIGINAL MATERIAL. — **Cochinchina**. Chua-Chang [= **Vietnam**. Dong Nai, Mt. Chua Chan], 31.I.1918, *Chevalier 35874* (P[P00721546]!); **Bien Hoa Prov.**, Gia-Ray [= **Vietnam**. Dong Nai, Gia Rai], 12.VII.1919, *Poilane 177* (P[P00721547]!); 1.II.1921, *Poilane 2466* (NY[NY00334753]!; P[P00721548, P00721549]!; VNM[VNM00015391, VNM00015393]!).

NOTES

Lecomte (1928a: 108) cited *Chevalier 35874*, *Poilane 177* and *Poilane 2466* from Cochinchina, and *Poilane 5120* from Annam as the original material. All cited collections have been located, of which *Poilane 5120* is the best preserved collection

with three duplicates at P and VNM. Here, we designate the specimen P00721550, the best preserved sheet, as the lectotype.

Diospyros rufogemmata Lecomte

Notulae Systematicae 4 (4): 118 (Lecomte 1928a).

TYPES. — **Laos**. Kilo. 20 de la route de Savannakhet à Quang Tri [= km 20 on the route from Savannakhet (Laos) to Quang Tri (Vietnam)], 19.I.1925, *Poilane 11666* (lecto-, P[P00721722]!), designated here; isolecto-, HBG[HBG507333]!; K[K001361628]!; NY[NY00334757]!; P[P00721723, P00721724]!; VNM[VNM00015383]!).

REMAINING ORIGINAL MATERIAL. — **Laos**. Haut cours de la Tchépone et rivière de Quang tri [= Xepon and river of Quang Tri], 30.VI.1927, *Poilane 13523* (P[P00721726, P00721727]!; VNM[VNM00015385, VNM00015386]!).

NOTES

Lecomte (1928a: 118) cited two *Poilane* collections (11666 and 13523) from “Laos, route de Savannakhet à Quang tri” as the original gathering. *Poilane 11666* (HBG, K, NY, P and VNM) includes specimens with mature fruits. Here, we designate the specimen P00721722 as the lectotype.

Diospyros salletii Lecomte

Notulae Systematicae 4 (4): 108 (Lecomte 1928a).

TYPES. — **Annam**. Col des Nuages près Tourane [= **Vietnam**. Border of Da Nang and Thua Thien-Hue, Hai Van Pass, near Da Nang], 26.VIII.1923, *Poilane 7741* (lecto-, P[P00721731]!), designated here; isolecto-, NY[NY00334758]!; P[P00721732, P00721733, P05194033]!; VNM[VNM00015373, VNM00015374, VNM00015375, VNM00015376, VNM00015377]!).

REMAINING ORIGINAL MATERIAL. — **Annam**. Lieu Chiêu près Tourane [= **Vietnam**. Da Nang, Lien Chieu], 17.VIII.1923, *Poilane 7571* (P[P00721728, P00721729, P00721730]!; VNM[VNM00015380]!); 18.IX.1923, *Poilane 8071* (HBG[HBG507332]!; P[P00721734, P00721735]!; SING!; VNM[VNM00015378, VNM00015379, VNM00015381, VNM00015382]!).

NOTES

Lecomte (1928a: 109) cited three *Poilane* collections (7571, 7741 and 8071) from “Annam, Col des Nuages, près de Tourane” as the original material. The cited collections have been located at HBG, NY, P, SING and VNM, of which *Poilane 7741* is in the best condition and has the greatest number of duplicates. Here we designate the specimen P00721731, the best preserved, including a detailed label and Lecomte’s determination, as the lectotype.

Diospyros susarticulata Lecomte

Notulae Systematicae 4 (4): 120 (Lecomte 1928a).

TYPES. — **Me-Kong**. Oudan [= **Laos**. <Oudan>], 1866-1868, *Thorel 2055* (lecto-, P, first-step designated by Nguyen [1996: 73]; P[P00721745], Fig. 4, second-step designated here; isolec-

to-, NY[NY00334761]!; P[P00721744, P00721746]!; VNM[VNM00015398]!).

NOTES

Lecomte (1928a: 120) cited *Thorel 2055* from “Oudan sur le Mékong” as the original gathering. Later, in the General Flora of Indochina, Lecomte (1930: 961) placed Oudan in Laos. *Thorel 2055* has been located at NY, P and VNM. Here, we designate the specimen P00721745 as the lectotype because it is more complete.

Diospyros tamiriensis Lecomte

Notulae Systematicae 4 (4): 119 (1928a).

ACCEPTED NAME. — *Diospyros apiculata* Hiern.

TYPES. — **Cambodia**. In montibus Tamire [= Kampot, Mt. Phnum Tamei], V.1870, *Pierre 5029* (lecto-, P[P00721751]!, designated here; isolecto-, A[A00011098, A00353513]!; K[K001361754]!; L[L.2664519]!; NY[NY00334762]!; P[P00721506, P00721507, P00721508, P00721749, P00721752]!; VNM[VNM00002310, VNM00015396]!).

REMAINING ORIGINAL MATERIAL. — **Laos**. XII.1888, *Massie s.n.* (P00721748!).

NOTES

Lecomte (1928a: 119) cited *Pierre 5029* from Mount Tamire in Cambodia and *Massie s.n.* from Laos as the original material. Both collections have been located, of which *Pierre 5029* has 12 duplicates at A, K, L, NY, P and VNM while only a single sheet of *Massie s.n.* is deposited in P. Here, we designate the best preserved sheet of *Pierre 5029* (P[P00721751]!), which has Lecomte’s determination as the lectotype. Fifteen anatomical slides of leaf, petiole and stem of *Pierre 5029* are also deposited at P slide collection.

Diospyros touranensis Lecomte

Notulae Systematicae 4 (4): 100 (Lecomte 1928a).

TYPES. — **Annam**. Col des Nuages près Tourane [= **Vietnam**. Border of Da Nang and Thua Thien-Hue, Hai Van Pass, near Da Nang], 17.IX.1923, *Poilane 8055* (lecto-, P[P00721756]!, designated here; isolecto-, NY[NY00334763]!; P[P00721757, P00721758]!).

NOTES

Lecomte (1928a: 101) cited *Poilane 8055* from “Annam: Tourane, Col des Nuages. Altitude 900 mètres, en forêt” as the original gathering. This collection has been located at P and NY, and here we designate the best preserved sheet, including a detailed label and Lecomte’s determination (P[P00721756]) as the lectotype.

Genus *Maba* J.R.Forst. & G.Forst.

Maba nebulorum Lecomte

Flore générale de l’Indo-Chine 3 (7): 978 (Lecomte 1930).

ACCEPTED NAME. — *Diospyros haivanensis* T.H.Nguyễn.

TYPES. — **Annam**. Col des Nuages, Tourane [= **Vietnam**. Border of Da Nang and Thua Thien-Hue, Hai Van Pass, near Da Nang], 17.IX.1923, *Poilane 8024* (lecto-, P, first-step by Nguyen [1996: 67]; P[P05276429], second-step designated here; isolecto-, P[P06664610]!).

NOTES

Lecomte (1930: 978) only cited *Poilane* from “Annam: Col des Nuages, près de Tourane” as the original material. Nguyen (1996: 67) transferred this taxon to *Diospyros* with the new name *D. haivanensis* and cited *Poilane* (P) as the type. Two specimens of *Poilane 8024* from the original locality have been located at P and the sheet P05276429 is designated here as the lectotype.

Maba pierrei Lecomte

Notulae Systematicae 4 (4): 145 (Lecomte 1928b).

ACCEPTED NAME. — *Diospyros dinhensis* T.H.Nguyễn.

TYPES. — **Cochinchina**. Secus flumen Saïgon [= **Vietnam**. Ho Chi Minh City, by Saigon River], IV.1866, *Pierre 11* (lecto-, P[P00721572], Fig. 5, designated here; isolecto-, A[A00015727]!; NY[NY00482328, NY00482329]!; P[P00721573, P00721574, P00721575, P00721587, P00721773, P00721774]!; VNM[VNM00015415]!).

REMAINING ORIGINAL MATERIAL. — **Cochinchina**. In montibus Dinh ad Baria [= **Vietnam**. Ba Ria-Vung Tau, Mt. Dinh], III.1867, *Pierre 11* (A[A00056465]!; P[P00721576, P00721577, P00721578]!); III.1867, *Pierre 29* (P[P00721567, P00721568, P00721771, P00721772]!).

EXCLUDED FROM THE ORIGINAL MATERIAL. — **Cochinchina**. Thu Dou Mot [= **Vietnam**. Binh Duong, Thu Dau Mot], *Pierre 11* (K[K001361799]!; VNM[VNM00015410]!); **Bien Hoa Prov.**, ad Song Lu [= **Vietnam**. Dong Nai, Bien Hoa, <Song Lu>], III.1877, *Pierre 29* (P[P00721569, P00721570, P00721571, P00721584, P00721585, P00721586]!; VNM[VNM00015412]!).

NOTES

Lecomte (1928b: 146) cited *Pierre 11* and *29* from Baria and Saigon in the protologue. We located both collections at A, K, NY, P and VNM, however we found that they are heterogeneous because they both include specimens collected on different dates or from different localities. Here, we designate the specimen P00721572, among the duplicates from Saigon of *Pierre 11*, as the lectotype, and we exclude from the original material the specimens with discrepant collection data.

Maba thorelii Lecomte

Notulae Systematicae 4 (4): 145 (Lecomte 1928b).

ACCEPTED NAME. — *Diospyros thorelii* (Lecomte) T.H.Nguyễn.

TYPES. — **Cochinchina**. Baloa [= **Vietnam**. <Ba loa>], 1862-1866, *Thorel 788* (lecto-, P[P00721767]!, designated here; isolecto-, L[L.3783622]!; P[P007217668, P00721769, P00721770]!; SING!).



Fig. 4. — Lectotype of *Diospyros susarticulata* Lecomte, Thorel 2055 (P00721745).



FIG. 5. — Lectotype of *Maba pierrei* Lecomte, *Pierre* 11 (P00721572).

NOTES

Lecomte (1928b: 145) cited *Thorel* 789 from “Cochinchine: Baloa” in the protologue. When Nguyen (1996: 73) transferred this species to *Diospyros* as *D. thorellii*, he also cited *Thorel* 789 (P) as the type. This collection has not been located, but we found that four of the six sheets of *Thorel* 788 were determined as *Maba thorellii* by Lecomte. Here, we designate the specimen P00721767 as the lectotype.

CONCLUSION

By designating lectotypes, we aim to standardise the use of names, and eventually the taxonomy, of *Diospyros* (Ebenaceae) in Vietnam, Laos, and Cambodia, where current and thorough accounts of the genus are still lacking. This process was greatly facilitated by the wider availability of digitised specimens, most notably at the Muséum National d’Histoire Naturelle (Paris, France). We were able to retrieve type specimen images of 50 taxa described by Lecomte (1925, 1928a, 1928b, 1930), including some previously misinterpreted, or not recognised as type specimens. To the best of our knowledge, we matched Lecomte’s protologues with the most suitable available specimens, following the guidelines of the *Shenzhen Code* (Turland *et al.* 2018). While most of the 20th-century specimens in *Poilane’s* and *Chevalier’s* herbaria contain detailed information (locality, date and morphological description), the 19th-century gatherings of *Harmand*, *Pierre* and *Thorel* have rather minimal collection data and might be heterogeneous (different collections sharing the same collector number). Such ambiguous sets of specimens are also discussed.

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