

Typification of Thirty-Two Names in *Cleistanthus* (Phyllanthaceae) and Clarification on the Earliest Lectotypification of *C. Podocarpus*

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Abstract: Thirty-two names associated with the genus *Cleistanthus* Hook.f. ex Planch. occurring in Southeast Asia and Malesia have been lectotypified based on the study of protologues, literature and type materials. The earliest lectotypification of *Cleistanthus podocarpus* Hook.f. has been elucidated.

Keywords: Lectotypification; *Cleistanthus*; Southeast Asia; Malesia.

INTRODUCTION

The genus *Cleistanthus* Hook.f. ex Planch. comprises more than 100 species of which about 30 species are occurring in Africa and Madagascar and the rest in tropical Asia, from Sri Lanka and India to Northern Australia and Melanesia (Chakrabarty & Balakrishnan, 2018). POWO (2026) lists 134 accepted species. In the present paper, 32 names associated with *Cleistanthus* occurring in Southeast Asia and Malesia have been lectotypified. In addition, the earliest lectotypification of *Cleistanthus podocarpus* Hook.f. has been clarified. It is hoped that this presentation will be helpful in correct application of the names treated here.

MATERIALS AND METHODS

The present paper is based on study of the relevant protologues, literature and type materials or their digital images available at different herbaria. Type materials from the herbaria other than CAL were consulted through online sources including institutional websites, Global Biodiversity Information Facility (GBIF) and JSTOR Global Plants. Status of the accepted names and synonyms are based on earlier authentic works. The guidelines of the Madrid Code (Turland *et al.*, 2025) were followed in designating the lectotypes.

TYPIFICATIONS

Cleistanthus annamensis Gagnep. in Bull. Soc. Bot. France 72: 461. 1925.

Lectotype (designated here): Vietnam, Annam, Nhatrang Province, 3 May 1923, *E.Poilane* 6222 (P00626651, image!; isolectotypes A00106200, fragm. A00257852, P00626652, images!).

Notes: *Cleistanthus annamensis* was described from Annam in Vietnam based on a single collection, Poilane 6222. Duplicates of this collection are available at A and P. Of these, the

specimen at P bearing drawings of flowers is selected here as the lectotype of the name.

Cleistanthus baramicus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 24. 1915.

Lectotype (designated here): Malaysia, Sarawak, Baram District, 11 April 1895, *C.Hose* 571 (K001081611, image!; isolectotypes E00314345, L0028681, P00610273, images!). Additional syntypes: Malaysia, Sarawak Miri, Baram District, 11 April 1895, *C.Hose* 683 (A00045985, K001081612, L0028680, images!).

Notes: Two collections were cited in the protologue of *Cleistanthus baramicus*, *C.Hose* 571 and 683, collected from Sarawak in Malaysia. Duplicates of these collections are available at A, K, L, E and P. Of these, the best flowering specimen, *Hose* 571 at K is designated here as the lectotype of the name.

Cleistanthus beccarianus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 19. 1915.

Lectotype (designated here): Malaysia, Sarawak, Mattang, May 1866, *O.Beccari* 1642 (FI008105, image!).

Notes: *Cleistanthus beccarianus* was described from Sarawak in Malaysia based on a single collection, Beccari 1642. The holotype of the name is not extant at B. Hence, the only duplicate found at FI is selected here as the lectotype of the name.

Cleistanthus bracteosus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 41. 1913.

Lectotype (designated here): Malaysia, Perak, June 1889, *L.Wray* 3648 (CAL0000022499!; isolectotype CAL0000022500!). Additional syntypes: Malaysia, Perak, February 1888, *B.Scortechini* 1777 (CAL0000022497!, CAL0000022498!).

Notes: The species was described from Perak in Malaysia based on two collections, Scortechini 1777 and Wray 3648. These specimens are not extant at B. Gage (1936: 498) cited several collections including the syntypes and mentioned, “The type sheets are in Kew Herbarium.” This was not an effective lectotypification. The syntype materials are available at CAL. Of these, a fruiting material, Wray 3648, bearing identification by the original author, is selected here as the lectotype of the name.

Cleistanthus celebicus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 22. 1915.

Lectotype (designated here): Indonesia, Sulawesi, Gorontalo, s.d., *J.G.F. Riedel s.n.* (K001081616, image!; isoelectotypes K001081615, L0028509, images!).

Notes: The species was described from Sulawesi based on a single collection of Riedel without a field number. There is no holotype available at B. Hence, a fruiting material at K is selected here as the lectotype of the name.

Cleistanthus eberhardtii (Gagnep.) Croizat in J. Arnold Arbor. 23: 39. 1942. – *Paracleisthus eberhardtii* Gagnep. in Bull. Soc. Bot. France 70: 499. 1923.

Lectotype (designated here): Vietnam, Annam, Thua-thien Province, Lang-co, s.d., *P.A. Eberhardt 1706* (P05502014, image!; isoelectotypes fragm. A00106201, P05501451, images!).

Notes: *Paracleisthus eberhardtii* was described from Vietnam based on a single collection, Eberhardt 1706. There are two duplicates at P. Of these, the specimen bearing drawing of female flower is chosen here as the lectotype.

Cleistanthus ellipticus Hook.f., Fl. Brit. India 5: 281. 1887.

Lectotype (designated at the first-step by Gage 1936: 517; at the second-step here): Malaysia, Perak, Larut, January 1883, *King's collector [H.Kunstler] 3739* (K001081515, image!; isoelectotypes CAL0000022504!, E00314361, K001081514, P00626653, WU herb. acc. no. 070425, images!). Additional syntypes: Malaysia, Perak, Larut, February 1882, *King's collector 2769* (E01101421, E01101422, US01270321, images!). Malaysia, Perak, Larut, August 1882, *King's collector 3169* (E01101423, image!). Malaysia, Perak, Larut, November 1883, *King's collector 5162* (K005533868, L0028576, images!).

Notes: The species was described from Perak in Malaysia based on several collections by King's collector deposited at several herbaria. Gage (1936: 517) clearly mentioned: “The type sheet is

K.C. 3739 in the Kew Herbarium.” As there are two duplicates of this collection at K, the choice of Gage is narrowed here to a single specimen through a second-step lectotypification as per Art. 9.17 (Turland *et al.*, 2025).

Cleistanthus elongatus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 23. 1915.

Lectotype (designated here): Malaysia, Borneo, Sarawak, Kuching, 16 May 1893, *G.D. Haviland 3100* (K001081613, image!; isoelectotypes L0028691, P00610271, images!).

Notes: Only a single collection, Haviland 3100 was cited in the protologue of *Cleistanthus elongatus*. The holotype is not extant at B. Three duplicates were found at K, L and P. Of these, the best specimen at K is selected here as the lectotype.

Cleistanthus glabratus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 40. 1915.

Lectotype (designated here): Malaysia, Borneo, Rejang River, s.d., *G.D. Haviland 405* (K001081596, image!).

Notes: The species was described from Borneo based on a single collection by Haviland. No original material (holotype) is extant at B. Hence, the only duplicate seen at K is designated here as the lectotype of the name.

Cleistanthus gracilis Hook.f., Fl. Brit. India 5: 277. 1887.

Lectotype (designated at the first-step by Gage 1936: 506; at the second-step here): Malaysia, Quedah, May 1881, *King's collector 1709* (K001081545, image!; isoelectotypes CAL0000022487!, CAL0000022488!, E00314357, K001081544, images!). Additional syntype: Malaysia, Perak, s.d., *B.Scortechini s.n.* (K001081542, image!).

Cleistanthus gracilis var. *parvifolius* Ridl., Fl. Malay Penins. 3: 190. 1924.

Lectotype (designated here): Malaysia, Perlis, Tebing Tinggi, March 1910, *H.N. Ridley 14900* (K001081547, image!). Additional syntype: Malaysia, Lankawi, Kwah, s.d., *C.Curtis 2810* (A02334055, image!).

Notes: *Cleistanthus gracilis* was described from Malaysia based on two collections by King's collector and Scortechini. Gage (1936: 506) mentioned: “The type sheet is K.C. 1709 in Kew Herbarium.” Thus, he effectively lectotypified the name. However, as there are two duplicates of this collection at K, his designation is narrowed here to a single specimen bearing sketches of the female flower as per Art. 9.17 (Turland *et al.*, 2025). As regards *C. gracilis* var. *parvifolius*, three

collections by Kunstler, Curtis and Ridley were cited in the protologue. Of these, the best specimen at K is selected here as the lectotype.

Cleistanthus hirsutopetalus Gage in Bull. Misc. Inform. Kew 1914: 239. 1914.

Lectotype (designated here): Malaysia, Pulau Penang, May 1894, *C. Curtis 3049* (K001081503, image!).

Notes: The species was described from Malaysia based on two specimens, Curtis 3049 and Unknown collector 1420. Of these, the only sheet available at K is selected here as the lectotype.

Cleistanthus hirsutulus Hook.f., Fl. Brit. India 5: 278. 1887.

Lectotype (designated by Chakrabarty *et al.* 2020: 67): Malaysia, Perak, s.d., *B. Scortechini 1260* (K001081533, image!). Additional syntypes: Malaysia, Perak, Goping, April 1884, *King's collector 5870* (CAL0000022507!, CAL0000022508!, K001081532, L0028973, images!). Malaysia, Perak, March 1886, *King's collector 7412* (WU herb. acc. no. 070426, image!) Malaysia, Perak, April 1886, *King's collector 7453* (K001081530, P00626657, images!). Malaysia, Perak, March 1885, *King's collector 7412* (K001081531, image!).

Cleistanthus cochinchinae Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft. 65): 21. 1915.

Type (lectotype designated here): Vietnam, Bien Hoa Province, As Bao Chiang, July 1877, *L. Pierre 1853* (K001081490, image!; isoelectotype E00327411, image!).

Cleistanthus penangensis Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft. 65): 21. 1915.

Type (lectotype designated here): Malaysia, Penang, s.d., *C. Curtis 1481* (K001081534, image!).

Notes: *Cleistanthus cochinchinae*, it was described from Vietnam based on a single collection, Pierre 1853. The holotype at B is not extant. Duplicates were found at E and K. Of these, the better specimen at K is selected as the lectotype. *Cleistanthus penangensis* was described from Penang in Malaysia based on two collections, King's collector 1673 and Curtis 1481. These specimens are not extant at B. Hence, a duplicate of the collection by Curtis at K is designated here as the lectotype of the name.

Cleistanthus indochinensis Merr. ex Croizat in J. Arnold Arbor. 23: 40. 1942.

Lectotype (designated here): Vietnam, Tonkin, Hoa-Binh Province, Between Hoa Binh and Vu Ban, 5 May 1938, *P.A. Pételot 6397* (A00045980,

image!; isoelectotypes A00061936, A00062370, NY03951183, P00626658, images!). Additional syntypes: Vietnam, Tonkin, Hoa-Binh Province, Between Hoa Binh and Vu Ban, 5 May 1938, *P.A. Pételot 6528* (A00061937, A00062371, MICH1107977, MO-3585946, NY03951182, US01270324, images!).

Notes: *Cleistanthus indochinensis* was described from Vietnam based on two specimens collected by Pételot bearing field numbers 6397 and 6528. The material, A00045980 bears diagrams of flowers. Hence, this specimen is selected here as the lectotype.

Cleistanthus kingii Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft. 65): 40. 1915.

Lectotype (designated here): Malaysia, Perak, Larut, June 1882, *King's collector 3064* (CAL0000022517!; isoelectotypes CAL0000022520!, BO-1246975, E00314352, E00314353, images!). Additional syntypes: Malaysia, Perak, Larut, October 1884, *King's collector 6744* (CAL0000022524!). Malaysia, Perak, Larut, November 1884, *King's collector 6863* (CAL0000022521!, CAL0000022522!, CAL0000022523!, E00314354, US01270325, images!).

Notes: The species was described from Perak in Malaysia based on three collections by King's collector which are now not extant at B. Hence, a duplicate at CAL bearing determination by Jablonszsky is selected here as the lectotype of the name.

Cleistanthus maingayi Hook.f., Fl. Brit. India 5: 280. 1887.

Lectotype (designated at the first-step by Gage 1936: 514; at the second-step here): Malaysia, Malacca, 1865-66, *A.C. Maingay Kew Distrib. No. 1374* (K001081537, image!; isoelectotype K001081536, image!).

Notes: The species was described from Malacca in Malaysia based on a single collection of Maingay at K. Gage (1936: 514) clearly stated: "The type sheet is Maingay 1374 in Kew Herbarium." This was an effective lectotypification. However, as there are two duplicates of the gathering are available at K, the choice of Gage is narrowed here to a single specimen through a second-step lectotypification as per Art. 9.17 (Turland *et al.*, 2025).

Cleistanthus papuanus (Lauterb.) Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft. 65): 42. 1915. – *Schistostigma papuanum* Lauterb. in K.M.Schumann & C.A.G.Lauterbach, Nachtr. Fl. Schutzgeb. Südsee 299. 1905.

Lectotype (designate here): Papua New Guinea, Torricelli Gebirge, April 1902, *R. Schlechter* 14530 (BR0000006999476, image!; isolectotypes fragm. A00048770, BO-1246982, K001081560, L0029375, P00717157, images!).

Notes: *Schistostigma papuanum* was described from Papua New Guinea based on a single collection, Schlechter 14530. Duplicates of this collection could be located at A, BO, BR, K, L and P. Of these, the best specimen at BR is selected here as the lectotype of the name.

Cleistanthus paxii Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 27. 1915.

Lectotype (designated here): Malaysia, Sarawak, 1865, *O. Beccari* 1565 (G00434338, image!; isolectotypes FI008112, K001081605, P00122752, images!). Additional syntypes: Malaysia, Sarawak, s.d., *O. Beccari* 734 (A00045992, FI008113, G00434337, K001081606, NY00029586, S04-331, images!).

Notes: The species was described from Sarawak in Borneo based on two collections by Beccari, bearing field numbers 734 and 1565. The original specimens of this name at B are not extant. Hence, a good specimen at G, bearing barcode G00434338 is selected here as the lectotype of this name.

Cleistanthus pedicellatus Hook.f., Fl. Brit. India 5: 281. 1887.

Lectotype (designated at the first-step by Gage 1936: 499; at the second-step here): Malaysia, Penang, Govt. Hills, March 1885, *C. Curtis* 169 (K001081506, image!; isolectotypes CAL0000022511!, CAL0000022512!, CAL0000022513!, K001081505, K001081507, images!). Additional syntype: Malaysia, Penang, Penang hills, s.d., *R.W. Hullett* 161 (K001081508, image!).

Cleistanthus dichotomus J.J. Sm. in Nova Guinea 8: 786. 1912.

Type (lectotype designated here): Papua New Guinea, Irian Jaya, 28 May 1910, *K. Gjellerup* 142 (L0028783, image!; isolectotypes K001081559, U.1473105, images!).

Notes: *Cleistanthus pedicellatus* was described from Penang in Malaysia based on two collections by Curtis and Hullett. Gage (1936: 499) clearly wrote: "The type sheet is *Curtis* 169 in Kew Herbarium." This statement amounts to an effective lectotypification of the name. However, there are three duplicates of this collection at K. Hence, the designation by Gage (l.c.) is narrowed here to a single specimen, bearing drawing of the male flowers, as the second-step lectotype as per

Art. 9.17 (Turland *et al.*, 2025). As regards *Cleistanthus dichotomus*, described from Papua New Guinea, the best duplicate of the type, Gjellerup 142 at L is selected as the lectotype.

Cleistanthus pierreii (Gagnep.) Croizat in J. Arnold Arbor. 23: 39. 1942. – *Paracleisthus pierreii* Gagnep. in Bull. Soc. Bot. France 70: 500. 1923.

Lectotype (designated here): Vietnam, Baria Province, Mt. Dinh, May 1876, *L. Pierre* s.n. (P05502150, image!; isolectotypes E00327407, E00327408, K001081484, K001081485, P05502148, P05502149, P05502151, US01273651, images!).

Notes: *Paracleisthus pierreii* was described from Vietnam based on a single collection by Pierre, without any field number. Of the five duplicates available at P, the best fruiting material is selected here as the lectotype.

Cleistanthus pilosus C.B. Rob. in Philipp. J. Sci., C 6: 326. 1911.

Lectotype (designated here): Philippines, Basilan, September 1910, *D. Almagro* 19551 (K001081573, image!).

Notes: *Cleistanthus pilosus* was described from the Philippines based on a single collection, Almagro 19551. Dressler (1999: 135) cited the type as "Type: *FB* 19511, leg. *Almagro* (iso K), Philippines, Basilan, Sept. 1910." Citation of isotype is not correctable to lectotype as per Art. 9.10 (Turland *et al.*, 2025). Hence, a lectotype is designated here based on the only collection found at K.

Cleistanthus podocarpus Hook.f., Fl. Brit. India 5: 281. 1887.

Lectotype (designated at the first-step by Gage 1936: 503; at the second-step by Chakrabarty *et al.* 2020: 67): Malaysia, Perak, Larut, August 1882, *King's collector* 3277 (K001081522, image!; isolectotypes CAL0000022535!, CAL0000022546!, E00314349, K001081521, images!). Additional syntypes: Malaysia, Perak, Larut, August 1882, *King's collector* [H.Kunstler] 3297 (CAL0000022547!). Malaysia, Perak, Larut, August 1884, *King's collector* 6427 (CAL0000022548!). Malaysia, Perak, Larut, August 1884, *King's collector* 6450 (CAL0000022549!). Malaysia, Perak, Larut, October 1884, *King's collector* 6685 (K005533845, image!). Malaysia, Perak, Larut, October 1884, *King's collector* 6701 (CAL0000022550!). Malaysia, Perak, Larut, June 1885, *King's collector* 7740 (K005533846, L0029485, US01270403, images!).

Notes: *Cleistanthus podocarpus* was described from Perak in Malaysia based on seven collections by King's collector. Gage (1936: 503) cited all the syntypes and mentioned: "The type sheet is 3277 in Kew Herbarium." This was an effective lectotypification of the name based on King's collector 3277 at K as per Art. 7.11 (Turland *et al.*, 2025). Later, Chakrabarty *et al.* (2020: 67), unaware of the publication by Gage (1936), based on King's collector 3277 at K bearing barcode K001081522 designated another lectotype. Now there are two duplicates of this collection at K, the other sheet bears the barcode K001081521. Thus, the typification by Gage (1936) should be considered as the first-step lectotypification while that by Chakrabarty *et al.* (2020) should be regarded as the second-step lectotypification, following Art. 9.17 (Turland *et al.*, 2025).

Cleistanthus praetermissus Gage in Bull. Misc. Inform. Kew 1914: 240. 1914.

Lectotype (designated here): Malaysia, Perak, Dinding, Gunong Tungal, July 1890, *H.N. Ridley* 9440 (E00314348, image!; isolectotype CAL0000022537!).

Notes: The species was described from Perak in Malaysia based on a single collection, Ridley 9440. Two duplicates of this collection were seen at CAL and E. Of these, the better specimen at E is selected here as the lectotype.

Cleistanthus pseudopallidus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 23. 1915.

Lectotype (designated here): Indonesia, Sumatra, Padang Province, Ayer mancior (Ajer mantjoer), August 1878, *O.Beccari* 697 (K001081614, image!; isolectotypes L0029568, L0029569, images!).

Notes: The species was described from Sumatra in Indonesia based on a single collection, Beccari 697. The holotype at B is now not extant. Three duplicates of this collection could be located at L and K of which the better specimen at K is designated here as the lectotype of the name.

Cleistanthus pseudopodocarpus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 29. 1915.

Lectotype (designated here): Malaysia, Borneo, Kuching, 29 January 1893, *G.D. Haviland & C.Hose* 3089 (K001081603, image!). Additional syntypes: Malaysia, Borneo, Kuching, 27 February 1893, *G.D. Haviland & C.Hose* 3232 (K001081604, K005534434, images!). Malaysia, Borneo, Sarawak, Kutcin, November 1865, *O.Beccari* 1114 (FI008114, image!). Malaysia, Borneo, Sarawak, Mattang, July 1886, *O.Beccari* 1991 (FI008123, image!).

Notes: The species was described from Borneo in Malaysia based on four collections collected by Beccari and Haviland & Hose. These collections are not extant at B. Hence, a comparatively better duplicate of Haviland & Hose 3089 at K is selected here as the lectotype.

Cleistanthus rotundatus Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 21. 1915. – *Godefroya rotundata* (Jabl.) Gagnep. in Bull. Soc. Bot. France 70: 435. 1923.

Lectotype (designated here): Cambodia, Angkor Province, Siem Rief, 1875, *Godefroy [Expedition du Harmand]* 277 (P00610266, image!; isolectotypes A00045982, K001081491, P00610265, images!).

Notes: The species was described from Cambodia based on a single collection, Godefroy 277. The holotype is not extant at B. Hence, a good duplicate at P is selected here as the lectotype of the name.

Cleistanthus rufescens Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 30. 1915.

Lectotype (designated here): Indonesia, Sumatra, Padang Province, Sungei bulu, September 1878, *O.Beccari* 933 (L0028788, image!; isolectotype FI008115, image!).

Notes: The species was described from Sumatra in Indonesia based on a single collection, Beccari 933. The holotype at B is not extant. Dressler (1999: 137) cited the type as: "Beccari 933 (iso FI-B 2x, n.v., photos seen, L), Sumatra, Padang, Sungei bulu, Sept. 1878." Citation of isotype is not correctable under Art. 9.10 (Turland *et al.*, 2025). Hence, a good duplicate at L is selected here as the lectotype.

Cleistanthus rufus (Hook.f.) Gerhm. in Beibl. Bot. Jahrb. Syst. 95: 2. 1908. – *Bridelia rufa* Hook.f., Fl. Brit. India 5: 273. 1887.

Lectotype (designated here): Malaysia, Penang, July 1881, *King's collector* 1351 (CAL0000022542!; isolectotypes CAL0000022543!, CAL0000022544!, E00314347, K001081517, K001081518, images!).

Notes: *Bridelia rufa* was described from Penang in Malaysia based on a single collection, King's collector 1351. Duplicates of this collection are available at CAL, E and K. Of these, a specimen at CAL bears pencil drawing of male flower as well as Hooker's handwriting which is selected here as the lectotype of the name.

Cleistanthus sarawakensis Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 34. 1915.

Lectotype (designated here): Malaysia, Sarawak, Kutcin, September 1866, *O.Beccari* 2469 (FI008116, image!).

Notes: The species was described from Sarawak in Malaysia based on a single collection, Beccari 2469. The holotype of this name is not extant at B. Hence, the only other specimen traceable at FI is selected here as the lectotype of the name.

Cleistanthus tonkinensis Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 16. 1915. – *Paracleisthus tonkinensis* (Jabl.) Gagnep. in Bull. Soc. Bot. France 70: 499. 1923.

Lectotype (designated here): Vietnam, Tonkin, Tu Thap, July 1887, *B.Balansa* 3241 (K001081495, image!; isolectotypes G00434328, G00434329, P00610268, images!). Additional syntypes: Vietnam, Tonkin, Tu Thap, 25 March 1887, *B.Balansa* 3243 (G00434330, K001081494, P00610267, images!).

Notes: *Cleistanthus tonkinensis* was described from Vietnam based on two collections by Balansa, bearing field numbers 3241 and 3248. The original materials at B are not extant. Duplicates are available at G, K and P. Of these, a good fruiting material at K is selected here as the lectotype.

Cleistanthus winkleri Jabl. in Engl., Pflanzenr. IV. 147. VIII (Heft 65): 12. 1915.

Lectotype (designated here): Malaysia, Borneo, Sarawak, Kuching, 5 May 1893, *G.D. Haviland* 3099 (K001081481, image!; isolectotype L0028802, image!). Additional syntypes: Malaysia, Borneo, Sarawak, Kuching, 18 February 1893, *G.D. Haviland & C.Hose* 3680 (E00314342, K001081480, L0028803, images!). Malaysia, Borneo, Sarawak, Kuching, 5 May 1893, *G.D. Haviland* 3098 (BO-1246994, K001081482, images!). Malaysia, Borneo, Sarawak, Kuching, 25 March 1894, *G.D. Haviland & C.Hose* 3699 (BO-1246995, L0028801, P00122753, images!). Malaysia, Borneo, Sarawak, Baram, April 1895,

C.Hose 172 (E01101512, L0028800, P00610269, images!). Malaysia, Borneo, Sarawak, Mattang, April 1866, *O.Beccari* 1418 (FI008120, image!). Malaysia, Borneo, Sarawak, Mattang, June 1866, *O.Beccari* 1808 (FI008121, image!).

Notes: The species was described from Borneo in Malaysia based on seven collections by Beccari, Haviland and Hose. Of these, a specimen with immature fruits at K is selected as the lectotype of the name.

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REFERENCES

1. Chakrabarty, T., & Balakrishnan, N. P. "Indo-Burmese Phyllanthaceae: a taxonomic revision." *M/s Bishen Singh Mahendra Pal Singh*, (2018).
2. Chakrabarty, T., Maina, V., & Naik, M. C. "Ethnobotany of the Jarawa tribe of Andaman Islands, India (with an appendix on typifications and taxonomic notes)." *Tapas Chakrabarty, Howrah, India* 128 (2020).
3. Dressler, S. "Revision of the genus *Cleistanthus* (Euphorbiaceae) in the Philippines." *Blumea: Biodiversity, Evolution and Biogeography of Plants* 44.1 (1999): 109-148.
4. Gage, A.T. 1936. "Material for a Flora of the Malayan Peninsula, No. 26." *Journal of the Asiatic Society of Bengal* 75 (1936): 469–527.
5. POWO. "Plants of the World Online." (2026)
6. Turland, N. J., Wiersema, J. H., Barrie, F. R., Gandhi, K. N., Gravendyck, J., Greuter, W., & Señoret, J. C. Z. "International Code of Nomenclature for algae, fungi, and plants (Madrid Code)." *University of Chicago Press*, (2025).

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