

FLORAE SIAMENSIS ENUMERATIO

A LIST OF THE PLANTS KNOWN

from Siam

WITH RECORDS OF THEIR OCCURRENCE

by

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MALPIGHIACEAE

TRISTELLATEIA, Thouars

T. australasiae, A. Rich., Sert. Astrolab., Atlas, t. 15 (1833). *T. australis*, A. Rich., Sert. Astrolab., ii. p. 38 (1834). *T. australasica*, F. B. I., i. p. 418; Mat. F. M. P., No. 6, p. 193(435); F. I. C., i. p. 593, fig. 64; F. M. P., i. p. 327, fig. 32.

T. australasica — Craib, ii. p. 31; Ridl., iii. p. 159.

PRĀCHINBURĪ. Srirāchā forest, Chāk Kaw, c. 24 m., Mrs. D. J. Collins, 397! KRUNGTEP. Bangkok, Zimmermann, 78! RĀCHABURĪ. Rātburi, 10 m., garden climber, Winit, 469! SURĀT. Kaw Pangan, Robinson, 5769! PŪKET. Krabi, K. Lat, sea-level, edge of mangrove, Vanpruk, 846!

Distr. Formosa! Philippines! Cambodia, *cult.*! Malaya! New Guinea! (*type*), New Caledonia! Queensland!

Local names: *Pūang tawng* (พuang), Siamese; *Rakon tawng* (ระคนทอง), Lāo, Chiangmai.

HIPTAGE, Gaertn.

H. benghalensis, Kurz in Journ. As. Soc. Beng., xliii. 2, p. 136 (1874); For. Fl. Burma, i. p. 173, *in clavi tantum*; Fl. For. Cochinch., t. 273, fig. B. *H. Madablota*, Gaertn., Fruct., ii. p. 169, t. 116, fig. 4 (1791); F. B. I., i. p. 418; For. Fl. Burma, i. p. 173; Mat. F. M. P., No. 6, p. 194(436); Ind. Trees, p. 108; F. I. C., i. p. 598; F. M. P., i. p. 328. *Banisteria benghalensis*, Linn., Sp. Pl., i. p. 427 (1753).

Williams, v. p. 219. *H. Madablota* — Craib, i. p. 24 et ii. p. 31. *H. sericca*, Ridl., i. p. 80, *non* Hook. f.

PĀYAP. Doi Sutēp, c. 720 m., Kerr, 563! Lampūn, Mē Lī, c. 420 m., scrub jungle, Winit, 116! UBON. Valley of Nam Mūn, ruins of Bouthy Kakek, Harmand (ex F. I. C.). Kemarāt, Thorel (ex F. I. C.). KRUNGTEP. Bangkok, Kerr, 6964! Marcan, 1131! Zimmermann, 86, 114 (ex Williams). PŪKET. Pūket, Gunong Toxai, Curtis, 2906!

Distr. India! (*type*), China! Indo-China! Malaya!

Local name: *Salao* (สาลำ), Lāo (ex Winit.).

H. bullata, Craib in Kew Bull., 1926 p. 155

PĀYAP. Mūang Hawt, Hūi Hāt Yūak, c. 450 m., Winit, 117! NAKAWN SAWAN. Mē Ping Rapids, Kēng Āp Nāng, c. 180 m., Kerr, 2945 (*type*!).

A species allied to *H. candicans*, Hook. f., differing in its bullate leaves and the small glands alternating with the sepals; in *H. candicans* the calycine gland is solitary.

H. candicans, Hook. f. in F. B. I., i. p. 419 (1874); For. Fl. Burma, i. p. 174; Fl. For. Cochinch., t. 271; Ind. Trees, p. 108; F. I. C., i. p. 597.

Craib, i. p. 24 et ii. p. 31.

PĀYAP. Mē Tēng, 360 m., *Kerr*, 1064! Doi Angkā, c. 1500 m., open evergreen forest on rocky ground, *Kerr*, 5339! Lampūn, Mē Lī, pē jungle, *Winit*, 114! Lampūn, Mē Kaw, 480 m., deciduous jungle, *Winit*, 115!

Distr. Burma (*type*!), Manipur! Yunnan!

Local names: *Prayā chāng púak* (พระยาช้างเผือก), Siamese, Kānburi; *Kamlang chāng púak* (กำลังช้างเผือก), Lāo, Chiangmai; *Ka chawng wā só* (กาชอวกเขอะ), Karen, Kānburi.

H. candicans, *Hook. f.*, var. **angustifolia**, var. *nov.*, a *typa* foliis lanceolatis apice longius acuminatis ad 20 cm. longis et 6 cm. latis glabris recedit.

PĀYAP. Mē Sā, 450 m., *Winit*, 69!

The only specimen seen consists of two detached inflorescences and a twig bearing two leaves. The collection is, I believe, quite different from *H. candicans* but pending the receipt of further material it seems preferable to leave it as a variety.

H. condita, *Craib* in *Kew Bull.*, 1926 p. 156.

PĀYAP. Chiengrāi, Mē Kok, Doi Tam Tu Pū, 530 m., precipitous limestone peak, *Garrett*, 154 (*type*!).

Probably most nearly allied to *H. lucida*, *Pierre*, differing in the pedicels being jointed above the middle and in the sepals being more rounded and ferrugineous pubescent on the back.

H. detergens, *Craib* in *Kew Bull.*, 1926 p. 157.

PŪKET. Pang-ngā, Pulau Panji, *Haniff et Nur*, 4007 (*type*!).

This species seems to be most closely related to *H. sericea*, *Hook. f.* It differs in the more or less circular calycine gland which is not, or scarcely, decurrent on the pedicel.

H. glabrifolia, *Craib* in *Kew Bull.*, 1915 p. 425.

PĀYAP. Mē Ping Rapids, Kēng Soi, c. 180 m., evergreen jungle by river, *Kerr*, 2941 (*type*!).

H. lucida, *Pierre*, *Fl. For. Cochinch.*, t. 273, fig. A (1893); *F. I. C.*, i. p. 595.

PRĀCHINBURĪ. Srīrāchā, c. 6-12 m., *Mrs. D. J. Collins*, 115! 259a! 366! 711! KRUNGTEP. Bangkok, cultivated, *Kerr*, 3709! *Distr.* Cochinchina! (*type*).

ASPIDOPTERYS, A. Juss.

A. Harmandiana, *Pierre*, *Fl. For. Cochinch.*, t. 275, fig. C (1893); *F. I. C.*, i. p. 602; *Hutchinson* in *Kew Bull.*, 1917 p. 101.

UBON. Kemarāt, *Thorel* (ex *F. I. C.*).

Distr. Laos (*type*), Cambodia (ex *F. I. C.*).

A. hirsuta, *A. Juss.* in *Ann. Sc. Nat.*, Sér. 2, xiii. p. 267 (1840); *F. B. I.*, i. p. 421; *For. Fl. Burma*, i. p. 176; *Ind. Trees*, p. 110; *Hutchinson* in *Kew Bull.*, 1917 p. 94, fig. 1. *Hiraea hirsuta*, *Wall.*, *Pl. As. Rar.*, i. p. 13, t. 13 (1829).

Craib, ii. p. 31.

PĀYAP. Doi Sutēp, c. 420 m., mixed jungle, *Kerr*, 1448! Chiangmai, Mē Hāo, 350 m., *Winit*, 637! (fruit larger than usual).

Distr. Burma! (*type*).

Local name: *Awn kǎo* (อวนขาว), Lāo, Chiangmai (ex *Winit*).

A. nutans, *Hook. f.* in *F. B. I.*, i. p. 421 (1874); *For. Fl. Burma*, i. p. 175; *Ind. Trees*, p. 109, fig. 53; *F. I. C.*, i. p. 601; *Hutchinson* in *Kew Bull.*, 1917 p. 98, fig. 13, *non* A. Juss. *A. rotundifolia*, A. Juss. in *Ann. Sc. Nat.*, Sér. 2, xiii. p. 267 (1840). *Hiraea nutans*, *Roxb. ex DC.*, *Prodr.*, i. p. 585 (1824), *non* *Wall.* *H. orbiculata*, *Roxb. ex Wall.*, *Pl. As. Rar.*, i. p. 13 (1829). *H. rotundifolia*, *Roxb.*, *Fl. Ind.*, ii. p. 448 (1832).

Craib, ii. p. 31. *A. Roxburghiana*, A. Juss., *forma*, *Hoss.*, ii. p. 403.

MAHĀRĀT. Prē, Mē Kammi, 180 m., scrub jungle by stream, *Kerr*, 2354! Lampang, Mē Saloi, 200 m., moist mixed forest, *Winit*, 1486! NAKAWN SAWAN. Kampēngpet, c. 50 m., mixed forest, bank of Mē Ping, *Kerr*, 5968! Pāknapō, 35 m., *Hosseus*, 21! UBON. Kemarāt, *Thorel* (ex *F. I. C.*). AYUTHIA. Saraburī, Kēng Koi, under 50 m., scrub, *Kerr*, 9160! Saraburī, Mūak Lek, c. 400 m., rocky limestone hill, *Kerr*, 9145! KRUNGTEP. Bangkok, under 5 m., scrub jungle, *Kerr*, 4492!

Distr. N. India! Indo-China! (*type*-Chittagong).

According to our present rules of nomenclature the specific name of this plant should be changed since the name was already occupied in the genus by *A. nutans*, A. Juss. (1840). From the synonymy the oldest available name would appear to be *Hiraea orbiculata*, Roxb. ex Wall. (1829) and ex Don (1831) but until this plant is better known it seems preferable to adopt Hooker's specific name, more especially since we do know definitely the plant intended, by Hooker under that name.

A. obcordata, Hemsl. in Hook., Ic. Pl., t. 2673 (1900); Hutchinson in Kew Bull., 1917 p. 97, fig. 8.

PĀYAP. Chiengsên, Mè Chan, c. 400 m., scrub jungle, *Kerr*, 5138! Near Wieng Pāpao, Bān Tā Kaw, c. 510 m., mixed jungle, *Kerr*, 2516! Mè Kān, 600 m., *Winit*, 68! MAHARĀT. Lampāng, Mè Tā, 450 m., *Winit*, 728! PITSANULŌK. Nakawn Tai, c. 400 m., mixed deciduous forest, *Kerr*, 8901!

Distr. Yunnan (*type*!), Burma!

A. Thorelii, Dop in Bull. Soc. Bot. Fr., lv. p. 428 (1908); F. I. C., i. p. 602, fig. 64; Hutchinson in Kew Bull., 1917 p. 95, fig. 3.

UDAWN. Nakawn Panom,* *Thorel* 3037 (*type*).

Distr. Cambodia (ex F. I. C.).

BRACHYLOPHON, Oliver

B. anastomosans, Craib in Kew Bull., 1926 p. 157.

PATTĀNI. Banang Stā, 50 m., forming great part of undergrowth in evergreen forest, on limestone, *Kerr*, 7306 (*type*!).

From the two Peninsular species of the genus — *B. Curtisii*, Oliver, and *B. Scortechinii*, King — this species differs in the thinner glabrous rhachis and the shorter pedicels. From *B. Curtisii* it differs further in its thinner leaves and from *B. Scortechinii* in the fewer thicker lateral nerves of the leaf which anastomose well within the margin.

* Lakhon is the name used in F. I. C. for Nakawn Panom. Lakhon is a Lāo word meaning 'city', the Siamese equivalent being Nakawn, and is used locally for several other large towns.