

Family 33. COMMELINACEAE

Literature:

Backer, CA & RC Bakhuizen van den Brink. 1968. Flora of Java 3: 12-22.

Wang JC, Chen YJ & Peng Cl. 2000. *Commelinaceae*. Flora of Taiwan 2nd edition: 153-178.

Brennan, JPM. *Botanical Journal of the Linnean Society* 59: 349-370

Aclisia Meyen = *Pollia*

Amischotolype Hasskarl

Amischotolype hispida (Less. & A Rich.) Hong, Act. Phytotax. Sin. 12 (1974) 461; --*Forrestia hispida* Less. & A Rich., Sert. Astrolab. (1834) 2, t. 1. var. *philippinensis* (Merr.) Merr., EPFP 1 (1922) 197. --Type:

S China, Taiwan, Ryukyus, Indochina, Indonesia, Philippines, and Papua New Guinea. LUZON: Laguna, Quezon, Camarines, Albay, Sorsogon, POLILLO, MINDORO, CATANDUANES, PANAY, NEGROS, LEYTE, SAMAR, BASILAN, MINDANAO: Lanao, Bukidnon, Agusan. Low and medium altitude forests, thickets and old clearings at the vicinity of primary forests.

Aneilema auctt., non R Brown (no Philippine representative; =various genera)

Belosynapsis Hasskarl

Belosynapsis ciliata (Blume) RS Rao, Notes Roy. Bot. Gard. Edinburgh 25 (1964s) 187.

Cyanotis ciliata (Blume) Bakh. f., *Blumea* 6 (1950) 399.

India, S China, Taiwan, Japan, Philippines, Indonesia, Papua New Guinea.

Commelina Linnaeus

Commelina auriculata Blume, Enum. Pl. Java (1827) 2.

Commelina undulata R Br. Prodr. (1810) 270; --Merr., EPFP 1 (1922) 195.

India to S China, Ryukyu Isls, Philippines, Moluccas, tropical Australia. (Merrill, 1922).

Commelina benghalensis L., Sp. Pl. (1753) 41; --Merr., Fl. Manila (1912) 138; EPFP 1 (1922) 195.

Tropical Africa and Asia to Japan and Malaya. Introduced in the Americas.

Throughout the Philippines. Lowland and medium altitude grasslands, waste places in the settled areas. Often common.

Commelina diffusa Burm.f., Fl. Ind. (1768) 18, t. 7, Fig. 2.

Commelina luzonensis Elmer, LPB 9 (1934) 3184. --Type: Elmer 22174 (K*, NY*, US*, iso). Luzon:

Pampanga prov., Camp Stotesenburg (Mt Pinatubo), thickets of moist ravines, altitude 3500ft, 27 May 1927.

Pantropic.

Throughout the Philippines. Low and medium altitude grasslands, waste places, etc.

Doubtful taxa:

Commelina chamissonis Klotz. ex CB Clarke in DC, Monog. Phan. 3 (1881) 186; --Merr., EPFP 1 (1922) 195.

"The type is a specimen from Luzon, collected by Chamisso, probably from either Cavite or Batangas Province or possibly from the vicinity of Manila. I have seen no specimens I can with certainty refer to it, but some may have been distributed sub *C nudiflora* L." – Merr. (1922: 195).

Cyanotis D Don

Cyanotis axillaris (L.) D Don, Prodr. Fl. Nepal. (1825) 46; --Merr., Fl. Manila (1912) 140; EPFP 1 (1922) 198.

India to China through Malaya to Australia.

Throughout the Philippines in most islands and provinces. Low to medium altitudes in clearings, open places along streams, rice paddies, etc.

Cyanotis capitata (Blume) CB Clarke, in DC, Monog. Phan. 3 (1881) 243; --Merr., EPFP 1 (1922) 198.

Japan to Indochina and Java.

Throughout the Philippines. Low and medium altitudes, along streams in shaded ravines, damp thickets, etc. Possibly not really distinct from *C moluccana* (Roxb.) Merr.

Cyanotis cristata (L.) Roemer & Schultes, Syst. 7² (1830) 1150; --Merr., Fl. Manila (1912) 140; EPFP 1 (1922) 198.

India to Mauritius to Malaya.

LUZON (most or all provinces), BASILAN. Old clearings, open places along streams, about cliffs, etc. At low and medium altitudes.

Cyanotis moluccana (Roxb.) Merr., PJS 2 c (1907) Bot. 266; Fl. Manila (1912) 139; EPFP 1 (1922) 199.

Java, Borneo, Moluccas.

LUZON: Mountain Province, Pampanga, Bataan, Rizal, Laguna, Sorsogon, MINDORO, LEYTE, MINDANAO. Low and medium altitudes, on boulders in ravines, along small streams, etc.

Cyanotis pedunculata Merr., PJS 10 c (1915) Bot. 266; EPFP 1 (1922) 199. –Type: Wenzel 1024. LEYTE. Forests, altitude c. 500m.

Floscopa Loureiro

Floscopa scandens Lour., Fl. Cochinch. (1790) 193; --Merr., EPFP 1 (1922) 199.

India to China through Malaya to tropical Australia.

N LUZON (Cagayan) to the CALAMIANES and MINDANAO, in most or all islands and provinces. In wet places along small streams at low and medium altitudes.

Forrestia A Richard *non* Rafinesque =Amischotholype

Murdannia Royle

Murdannia edulis (Stokes) Faden

India, Nepal, Bangladesh, Burma, Thailand, Laos, Cambodia, Vietnam, S China, Taiwan, Java, Kangean Is., Timor, Philippines, Papua New Guinea.
LUZON: Pangasinan, Rizal. Lowlands, in shaded places along streams.

Murdannia gigantea (Vahl) Brückn.

Tropical Africa and Asia through Malesia to tropical Australia.
SEMIRARA, MINDANAO: Bukidnon. Low and medium altitude open grasslands.

Murdannia loriformis (Hassk.) RS Rao & Kammathy

Murdannia nudiflora (L.) Brenan

India to China, the Ryukyu Isls, and Malaya.
Throughout the Philippines. Low and medium altitudes, in open grasslands, waste places, etc. Common.

Murdannia spectabilis (Kurz) Faden

Extra-Philippine range?
LUZON: Bulacan, SEMIRARA. Low altitude open wet grasslands.

Murdannia spirata (L.) Brückn.

India to Indochina, China, and Java. According to Merrill (1922), credited to the Philippines by CB Clarke on the basis of a specimen collected by Baume (in P) from LUZON: Laguna de Bay. "This specimen may be *A[neilema] malabaricum* (L.) Merr., or I may have included *A spiratum* R Br. In my conception of *A malabaricum* (L.) Merr." .

Murdannia versicolor (Dalz) Brückn.

India.
LUZON: Rizal, CULION. Lowlands. Open wet grasslands, fallow rice paddies, etc.

Pollia Thunberg

Pollia secundiflora (Blume) Bakh.f.

India, Sri Lanka, Sikkim, Bhutan, Vietnam, Laos, Cambodia, Bangladesh, Burma, Thailand, S China, Taiwan, Ryukyus, Philippines, Indonesia and the Philippines.
N LUZON (Cagayan) to PALAWAN and MINDANAO. Low and medium altitude forests.

Pollia sumatrana Hassk.

Sumatra, Philippines.
LUZON: Bulacan, Rizal, Laguna, POLILLO, BILIRAN, LEYTE, SAMAR, MINDANAO.
Low and medium altitude forests.

Pollia thyrsoiflora (Blume) Steud., Nomencl. ed. 2, 2 (1841) 368; --Merr., EPFP 1 (1922) 195.

Andaman Isls to Java and Sulawesi.
LUZON (Cagayan to Sorsogon), to PALAWAN and MINDANAO. Lowland and medium altitude forests.

Rhoeo Hance = *Tradescantia* sect. *Rhoeo* (Hance) DR Hunt

Rhopalephora Hasskarl

Rhopalephora vitiensis (Seem.) Faden, Biosyst. Study Gen. Aneilema (Commelinaceae) 2 (1975) 395; --Aneilema vitiense Seem., Fl. Vit. (1865-73) 314, t. 96; --Merr., EPFP 1 (1922) 197.
Aneilema vitiense var. petiolata CB Clarke in DC. Monog. Phan. 3 (1881) 220; --Merr., EPFP 1 (1922) 197.
Philippines, Fiji, Samoa.
N LUZON (Cagayan) to PALAWAN and MINDANAO, in most islands and provinces.
Lowlands and medium altitudes, ascending to 1400m, shaded ravines along creek gullies.

Setcreasea Schumann & Sydow
=Tradescantia sect. Setcreasea (Schumann & Sydow) DR Hunt

Tradescantia Linnaeus

Tradescantia pallida (Rose) DR Hunt, Kew Bull. 30 (1975) 452.
Setcreasea purpurea Boom, Acta Bot. Neerl. 4 (1955) 167. --Type from Mexico
Native of SE US, Mexico and Central America. Widely grown as an ornamental in the tropics.

Tradescantia spathacea Sw., Prodr. 57 [June-July] 1788.
Rhoeo spathacea (Sw.) Stearn, Bailey 5 (1957) 195.
Rhoeo discolor (L'Her.) Hance ex Walp., Ann. Bot. Syst. 3 (1853) 660; --Merr., Fl. Manila (1912) 139; EPFP 1 (1922) 195.
Tradescantia discolor L'Her., Sert. Angl. 8 (late 1788 or Jan 1789) t. 12
Indigenous to Central America, now widely cultivated in the tropics, easily escaping and often becoming naturalized.

Tradescantia zebrina Heynh., Alp. Aufz. Gew. (1847) 735. --Type: not known, based on material cultivated in Europe.
Tradescantia pendula (Schnizl.) DR Hunt, Kew Bull. 36 (1981) 197; --Zebrina pendula Schnizl., Bot. Zeit. 7 (1849) 870; --Merr., Fl. Manila (1912) 140; EPFP 1 (1922) 199.
Introduced from tropical America and cultivated as an ornamental, now more or less established in coconut groves, etc. at medium altitudes. Wandering Jew.

Tricarpelema JK Morton

Tricarpelema philippense (Panigrahi) Faden, Smithsonian Contrib. Bot. 76 (1991) 153; --
Dictyospermum philippense Panigrahi, Phytologia 29 (1975 publ. 1974) 338.
Aneilema humile Merr., PJS 13 c (1918) Bot. 4; EPFP 1 (1922) 196, non Warb., 1891. --Type: Merrill 10459.
ALABAT. Lowland forests on wet slopes.

Zebrina Schnizlein =Tradescantia sect. Zebrina (Schnizlein) DR Hunt

