

XI. NEW RECORDS

(Continued from page 304)

**HEPATICAE**Treubiaceae.

Treubia sp. New genus for Celebes. 9 May 1979. Van Balgooy 3235. Known from Asia, Pacific, America. See Pac. Pl. Areas 3 (1975) map 183. (M.M.J. van Balgooy).

**PTERIDOPHYTES**Athyriaceae.

Diplazium abenirachis (Copel.) Price. Polillo Island, the Philippines. Domacena-Adefuin (PNH). Known only from its type locality, Mt. Bulusan, Sorsogon. (Ex PNH Herbarium News 1, 1986, 4).

Lomariopsidaceae.

Bolbitis malaccensis (C. Chr.) Ching. New for Thailand: Satun Prov., Nam Rah, A° 1985, Maxwell 85-36 (PSU), Talay Bahn National Park, A° 1985, Maxwell 85-833 (PSU), Songkla Prov., Boripat Falls, A° 1985, Maxwell 85-1004 (PSU), Naratiwat Prov., Sirintorn Falls, A° 1987, Maxwell 87-279 (PSU). Known from Malaysia (Tioman, Langkawi Isl.).<sup>3</sup>

**ANGIOSPERMS**Anacardiaceae.

Buchanania nitida Engl. New for Buru. 23 November 1984. Van Balgooy 4870, Nootboom 5286 (L). Previously known from the Philippines and Morotai. (M.M.J. van Balgooy).

Annonaceae.

Cyathostemma micranthum (A. DC.) J. Sinclair. New genus for Australia: Queensland, Cape York Peninsula, and W. Australia, Kimberley. Throughout Malesia. <sup>1</sup>).

Miliusa horsfieldii (Benn.) Pierre. New genus for Australia: Queensland, Cape York Peninsula. Previously known from Java. <sup>1</sup>).

Polyaulax cylindrocarpa (Burck) Backer. New genus for Australia: Queensland, Cape York Peninsula, and W. Australia, Kimberley. Throughout Malesia. <sup>1</sup>).

Uvaria rufa Bl. New for Australia: Queensland, Cape York Peninsula, and W. Australia, Kimberley. Known from Java, New Guinea. <sup>1</sup>).

Araceae.

Cryptocoryne elliptica Hook. f. New locality in G. Bongsu F.R., Pahang (Jacobsen & Bogner, 1986).

Spathiphyllum commutatum Schott. New for Buru. 23 November 1984. Nootboom 5226. Known from the Philippines, Celebes, Moluccas. (M.M.J. van Balgooy).

Araliaceae.

Gastonia serratifolia (Miq.) Philips. New for Buru. 14 November 1984. Van Balgooy 4760 (L). Widespread in Malesia. (M.M.J. van Balgooy).

Bignoniaceae.

Neospicaea viticoides Diels. New for Australia: Queensland, Iron Range. G. & N. Sandowsky, August 1985 (BRI). Previously known from New Guinea. <sup>2</sup>

Pandorea pandorana (Andr.) Steen. New for Buru. 4 December 1984. Van Balgooy 5046 (L). Known from Australia to E. Malesia. (M.M.J. van Balgooy).

Capparidaceae.

Cleome monophylla L. New for Australia: Queensland, Innisfail. September 1984. A.A. Matthews (BRI?). Cosmopolitan weed. <sup>1</sup>).

Celastraceae.

Euonymus cochinchinensis Pierre. New for Buru. Van Balgooy 5036, 5039 (3 december 1984), 5083 (7 December 1984), Nootboom 5229 ( 23 November 1984) (L). Known from S.E. Asia to New Guinea. (M.M.J. van Balgooy).

E. javanicus Bl. New for Buru. 2 December 1984. Van Balgooy 5014 (L). Known from the Andamans to the Moluccas.

Glyptopetalum sp. Genus new for the Lesser Sunda Isles: Flores, Mumang, 700 m. 15 August 1980. Schmutz 6066 (L). Known from Sri Lanka, W. Malesia, Celebes, not from Java. (M.M.J. van Balgooy).

Salacia forsteniana Miq. New for Buru. Van Balgooy 4820, 4863, on 18 and 22 November 1984, resp., Nootboom 5392, 7 December 1984 (all in L). Known from E. Malesia. (M.M.J. van Balgooy).

Siphonodon celastrineus Griff. New for Buru. Van Balgooy (17 November 1984), 4951 (28 November 1984) (L). Known from S.E. Asia to New Guinea. (M.M.J. van Balgooy).

#### Cyperaceae.

Hypolytrum compactum Nees & Mey. New for Buru. Van Balgooy 4810 (17 November 1984), Nootboom 5064 (3 November 1984) (L). Widespread from S.E. Asia to Queensland, previously known from Ceram in the Moluccas. (M.M.J. van Balgooy).

Mapania palustris (Steud.) F.-Vill. New for the Moluccas: Buru. Van Balgooy 4591 (4 November 1984), 4812 (17 November 1984), Nootboom 5184 (16 November 1984) (L). Known from S.E. Asia to New Guinea, but not yet from Celebes, the Lesser Sunda Islands and the Moluccas. (H.P. Nootboom). Scleria carphiformis Ridl. New for Australia: Queensland, Jardine River. M. Thomas, September 1985 (BRI). Indochina, Malaya, Borneo, Celebes (see map, Fl. Mal. I, 7, 1974, 730).

#### Dilleniaceae

Dillenia beccariana Martelli. New for Sabah and Kalimantan. Sabah: Labut & Sugut Dist., 25 October 1968, Kokawa & Hotta 479 (KYO, L). Kalimantan: Bukit Raya and Upper Katingan River area, 16 November 1982 — 3 February 1983: Mogeia 3468, 3519, Veldkamp 8064, Wiriadinata 3513 (all in BO, L). Previously known from Sarawak.

Dillenia luzoniensis Merr. New for Samar, Sabah. Samar: April 1970, PNH 117958 (L, PNH). Sabah: Meliau River, 20 October 1968, Kokawa & Hotta 69 (KYO, L). Previously known from Luzon, Palawan.

Dillenia pulchella (Jack) Gilg. New for Thailand. Narathiwat Prov., 20 January 1986, Niyomdham et al. 1152 (BK, L). Previously known from Sumatra, Malaya, Borneo.

Tetracera glaberrima Martelli. New for Kalimantan. Bukit Raya, 16 December 1982. Nootboom 4310 (BO, L). Previously known from Sarawak.

#### Ericaceae.

Diplycosia heterophylla Bl. var. latifolia (Bl.) Sleum. Genus new for Buru. November 1984. Nootboom 5107 (L). Species known from Sumatra, Malaya, Java, Borneo, Mindanao. The only other species of Diplycosia known from the Moluccas is D. amboinensis, only once found. (M.M.J. van Balgooy).

#### Euphorbiaceae.

Croton hirtus l'Hérit. New for Thailand: Songkla Prov., Ko Hong Hill, A° 1985, Maxwell 85-559 (PSU), Natawee, A° 1986, Maxwell 86-811 (PSU). Introduced from tropical America. <sup>3)</sup>

Euphorbia prunifolia Jacq. New for Thailand: Ko Hong Hill, Haad Yai District, Songkla Province, A° 1986, Maxwell (PSU). Introduced from tropical America. <sup>3)</sup>

Macaranga strigosissima A. Shaw. New for Indonesia: W. Kalimantan, Putusi-bau. July 1986. Afriastini 933 (BO, L). Known from 2 collections from Sarawak. (M.M.J. van Balgooy).

Mallotus eriocarpus (Thw.) Muell.-Arg. New for Thailand: Songkla Prov., Ko Hong Hill, A° 1985, Maxwell 85-457 (PSU). Known from Malaysia, Celebes. <sup>3)</sup>

Micrococca mercurialis (L.) Benth. New for Thailand: Pattani Prov., Ban Pupo, A° 1986, Supapol 250 (PSU). Known from Africa to India, Malaya.

Gramineae.

Aristida superpendens Domin. New for Malesia: Buru. December 1984. Van Balgooy 5095 (BO, BRI, L). Known from the Northern Territory and Queensland, Australia. (J.F. Veldkamp).

Isachne stricta Elm. New for Celebes. Sopo Valley. 27 May 1979. Hennipman 5662 (L). Known from the Philippines and New Guinea.

Ischaemum barbatum Retz. New for Australia: Queensland, Melville Isl. C. Dunlop, April 1973 (BRI). Wide-spread in S.E. Asia, Malesia. <sup>2)</sup>

Ischaemum glaucescens Merr. Sabah, Bukit Padang. 4 August 1984. Beaman & Beaman 10818 (L). New for Borneo. Known from the type only from Palawan.

Icacinaceae.

Polyporandra scandens Bl. New for Buru. Van Balgooy 4808 (17 November 1984), 4966 (29 November 1984), 5060 (5 December 1984) (L). Known from New Guinea, the Solomons, Halmahera, Bacan. (M.M.J. van Balgooy).

Leguminosae.

Cyclocarpa stellaris Urb. New for Thailand, Satun Prov., Kuan Kah Long Dist., A° 1986, Maxwell 86-912 (PSU). Known from Africa, Indochina, Kalimantan, E. Java, N. Australia. <sup>3)</sup>

Mimosa invisida Colla var. inermis Adelb. (Reinwardtia 2, 1953, 539). New for Thailand. Songkla Prov., Prince of Songkla University campus, A° 1987, Maxwell 87-244 (PSU). Introduced from S. America, now widely spread. Recently also in India, Kerala, Changanacherry, Nair 29745 (CAL, DD), January 1981, but probably introduced as early as 1954-1955 (See Bibliography, sub NAYAR & GIRI, 1982). This must now be called **M. diplotricha C. Wright ex Sauvalle var. inermis Veldk., comb. nov.**, see Bibliography sub BARNEBY. <sup>3)</sup>

Liliaceae.

Thysanotus chinensis Benth. New for the Moluccas: Buru. 10 December 1984. Van Balgooy 5105 (L). Known from S. China to Australia. (M.M.J. van Balgooy).

Ochnaceae.

Schuermansia elegans Bl. New for Buru. 13 November 1984. Nootboom 5139 (L). Known from Borneo to New Guinea. (M.M.J. van Balgooy).

Palmae

Arenca hastata (Becc.) Whitmore. New for Borneo. Sarawak, 1st Div., Sungei Raya, Brooke 5-11-1954 (L); Kalimantan, Bt. Raya area. Previously known from the Malay Peninsula. (Mogea in Nootboom, Report of the 1982-1983 Bukit Raya Expedition, 1987, 67).

Passifloraceae

Adenia heterophylla (Bl.) Koord. New for Buru. 14 November 1984. Van Balgooy

4757. Widespread from S.E. Asia to Australia and the Solomons. (M.M.J. van Balgooy).

Rhizophoraceae

Rhizophora stylosa Griff. New for India: Orissa, Thakurdian Isl. Banerjee 10232 (CAL). Known from Formosa, Malesia. (Banerjee, J. Bomb. Nat. Hist. Soc. 83, 1986, 272).

Rubiaceae.

Lasianthus cyanocarpus Jack. New for Australia: Queensland, Cook Distr. August 1948. Brass (BRI). Known from SE. Asia and throughout Malesia, especially in the West. <sup>1</sup>).

Sabiaceae.

Sabia pauciflora Bl. Genus new for the Moluccas: Buru. 29 November 1984. Van Balgooy 4968 (L). Known from the Philippines to the Solomons. (M.M.J. van Balgooy).

Sapindaceae.

Sarcotoechia cf. cuneata Radlk. New genus for Malesia. Papua New Guinea, E. Highlands (Mt. Otto, Brass 31051, L; Purosa, Brass 31795, 31845, L), Morobe Distr. (Hartley 12505, L; Marafunga, LAE 51061 Stevens, L). Previously known from N. Queensland with 6 species, see Reynolds, *Austrobaileya* 2 (1985) 181. (P.W. Leenhouts).

Sapotaceae.

Planchonella obovoidea H.J. Lam. New for Buru. November 1984. Van Balgooy 4913, 5003, 5058, Nootboom 5378 (L). Known from E. Malesia, N. Australia, Pacific. (M.M.J. van Balgooy).

Solanaceae.

Capsicum chinensis Jacq. New for Indonesia. West Java, Bogor. 17 December 1982. Djawarningsih 40 (BO). Known from cultivation in tropical America. (T. Djawarningsih).

Capsicum pubescens R. & P. New for Indonesia. West Java, Bandung, Ciwidey. 4 July 1982. Known from Known from cultivation in tropical America. (T. Djawarningsih).

Sonneratiaceae.

Sonneratia griffithii Kurz. New for India: Orissa, Gahirimata Isl. Banerjee 9471 (CAL). Known from Bangladesh, Burma, Andamans, S. Thailand, Malaya. (Banerjee, J. Bomb. Nat. Hist. Soc. 83, 1986, 272).

Sterculiaceae.

Sterculia stipulata Korth. New for Celebes. 29 April 1979. Van Balgooy 3078 (L). Known from Malaya, Borneo, the Philippines. (M.M.J. van Balgooy).

Tiliaceae.

Schoutenia ovata Korth. Genus new for Australia: Northern Territory, Mt.

Bunday, 12° 52' S, 131° 36' E. 6 March 1987. C. Wightman & C. Dunlop 3353 (DNA, NT). Species known from Indochina, Java, and Lesser Sunda Islands. (C. Dunlop).

- 1) Bot. Br. & Queensl. Hb. Ann. Rep. 1984-85 (1986) 22—23.
- 2) Bot. Br. & Queensl. Hb. Ann. Rep. 1985-86 (1987) 26.
- 3) J.F. Maxwell, Vascular flora of Ko Hong Hill, Haad Yai District, Songkla Province, Thailand (1986), and in litt.