

XL. NEW RECORDS

(continued from Volume 9, page 418)

Important: reports should have the following format:

Family name, full name of taxon (incl. all authors), rough locality, date of collection, collector's name and collection number, place(s) of deposit, previously known distribution, additional remarks, authority for the report. In a footnote the Foundation(s) from which grants were received may be mentioned. For examples see below.

The Editors of the Bulletin disclaim any responsibility for possible misidentifications or superfluous records; these should be accredited to the correspondents who have reported them. We will moreover decide whether we will include a record or not depending on their significance as we see it. For the future the exact criteria for inclusion will be formulated after some experience with the subject.

PTERIDOPHYTES

Athyriaceae

In vol. 9, p. 413, mention was made of *Diplazium abenirachis*. This should have been 'ebenirachis'. This combination was never made by Mr. Price. The basionym, *Athyrium ebenirachis* Copel., is a synonym of *D. pseudocyatheifolium* Rosenst., occurring in Central and Southern Luzon. (Mr. PRICE, in litt.)

Diplazium flavoviride Alston. New for Ceram. Kato et al. C-12458 (TI). Known from Papua New Guinea, related to the Eastern North American *D. pycnocarpon*. (Dr. KATO, in litt.).

ANGIOSPERMS

Acanthaceae

Lamiacanthus renschiae Bremek. New for Flores. Ruteng, Lusang Pass, 1 April 1967 (Schmutz 1391, L), 16 June 1975 (Veldkamp 7018, L). Previously only known from the type (in B, probably destroyed) from Lombok. According to H. Terao (in sched.) this is a *Strobilanthes*. (E. SCHMUTZ & J.F. VELDKAMP).

Anacardiaceae

Gluta pubescens (Ridley) Ding Hou. New for Borneo: Danau Sentarum Wildlife Reserve, W. Kalimantan. Known from Sumatra, Peninsular Malaysia. Fide Giesen (1987) 47 (see Bibliography).

Bignoniaceae

Neosepicaea cf. jucunda (F.v.M.) Steen. Genus new for the Moluccas: Halmaheira. September 1985. Whitmore 3648 (L). Genus known from New Guinea and Queensland, the species from Queensland. (M.M.J. VAN BALGOOY).

Callitrichaceae

Callitriche sp. West Java: Cibodas, among the gravel immediately behind the guest house. 3 November 1987. Veldkamp 8616 (L, also in spirit). Very inconspicuous, resembling *Pilea*, *Euphorbia*, small Rubiaceae, etc. Called *C. verna* in the Fl. Males. I, 4 (1951) 251, but possibly an undescribed species. FAA material is needed for verification.

Commelinaceae

Floscopa scandens Lour. New for Australia: Queensland, Daintree River area, Stewart Creek. August 1985. Williams 85113 (BRI). Known from S.E. Asia to New Guinea.¹⁾

Polliia macrophylla (R.Br.) Benth. New for the Moluccas: Buru. November 1984. Van Balgooy 4805 (L). Known from the Philippines, Celebes, New Guinea, the Solomons, Queensland. (M.M.J. VAN BALGOOY).

Cyperaceae

Carex brownii Tuckerm. ssp. *brownii* New for W. Malesia: Flores, Poco Gurung near Ruteng, 15 April 1983, Schmutz 5627. (L). Previously known from E. Asia, E. Australia, Malesia: New Guinea. (E. SCHMUTZ).

Carex indica L. New for the Lesser Sunda Isles: Flores, Poco Gurung near Ruteng, September 1982, Schmutz 5563; 20 June 1983, Schmutz 5908, 15 July 1983, Schmutz 5935 (all in L). Widely spread in Asia to the Pacific and Queensland, New Caledonia; in Malesia: Malaya, W. Java (1 ×), Borneo, Celebes (2 ×), Philippines, New Guinea (E. SCHMUTZ).

Carex myosuroides Nees. New for Flores: Nunang, Sa'i Wae-kuta. Schmutz 5088-c (L). Previously known from India to Indochina, Malesia: N. & W. Sumatra, Java, Lombok, S.W. Celebes, Luzon. (E. SCHMUTZ).

Cyperus diaphanus R. & S. var. *latespicatus* (Boeck.) Kern. New for the Lesser Sunda Isles: Flores: Pacar, 6 June 1983, Schmutz 5767 (L). Previously known from Central Asia to India, very rare in Malesia: N. & W. Sumatra, Celebes, Luzon. (E. SCHMUTZ).

Fimbristylis globulosa (Retz.) Kunth. New for the Lesser Sunda Isles: Flores, Paku, 5 February 1968, Schmutz 2076; 24 February 1982, Schmutz 5010; 22 February 1983, Schmutz 5453 (L). Widely spread in Asia to the Pacific, Malesia: Sumatra, Malaya, W. & Central Java, Borneo, Philippines, Celebes, Aru Is., New Guinea. (E. SCHMUTZ).

Hypolytrum nemorum (Vahl) Spreng. var. *nemorum*. New for the Lesser Sunda Islands: Flores, Paku, 15 November 1967, Schmutz 1871a; September 1982, Schmutz 5562; 15 July 1983, Schmutz 5934 (all in L); Schmutz 6052 (not in L). From India to Taiwan, to Queensland, Polynesia, widespread in Malesia. Inflorescences fragrant. (E. SCHMUTZ).

Machaerina sinclairii (Hook.f.) Koyama. Genus new for the Lesser Sunda Islands: Flores, Ngando Napu, 29 April 1982, Schmutz 5240; 10 April 1983, Schmutz 5505 (L). Previously known from New Zealand, in Malesia: Sumatra, Luzon, N. Celebes, Ambon. (E. SCHMUTZ).

Scleria biflora Roxb. var. *biflora*. New for the Lesser Sunda Islands: Flores, Nunang-Mberai, Umpu Rewa, 11 March 1982, Schmutz 5073; Sa'i Wae Kuta, 11 March 1982, Schmutz 5082 (L). Widely spread in S.E. Asia, Malesia: in the West to the Philippines, Celebes, Kangean Is. (E. SCHMUTZ).

Scleria psilorrhiza C.B. Clarke. New for the Lesser Sunda Islands: Flores, Waewako, 30 January 1982, Schmutz 4974; 22 February 1983, Schmutz 5459 (L); 16 May 1983, Schmutz 5700. Previously known from India to N. Australia, Malesia: W. Java, Luzon, Papua. (E. SCHMUTZ).

Elatinaceae

Elatine triandra Schkuhr. New for West Java: Cibodas, in the pond at the bottom of the lawn. 2 November 1987. Veldkamp 8612 (L, in spirit). Known from East Java, N. Sumatra, N. America, Europe, Hindustan, Australia, New Zealand. All flowers cleistogamous.

Ericaceae

Gaultheria leucocarpa Blume forma *leucocarpa*. New for Flores: Lusang Pass near Ruteng. 16 June 1975. Veldkamp 7003 (L, BO). Previously known from Sumatra, Java. (J.F. VELDKAMP).

Euphorbiaceae

Euphorbia hirta L. New for Bali. Dam to port of Benoa. 9 June 1975. Veldkamp 6964 (L, BO). Introduced from Central America, Malesia: widespread in Malesia. (J.F. VELDKAMP).

Gramineae

Brachypodium sylvaticum (Huds.) Beauv. var. *luzoniense* (Hack.) Hara. New for the Moluccas: Ceram, Manusela National Park. Ueda et al. 4372 (L, TI). 11 January 1985. Previously known from Sikkim to Ceylon, to Taiwan and Malesia, there between 1500–3800 m alt. in N. Sumatra, Java, Bali, Lombok, Timor, S. Celebes, Luzon, and all over New Guinea.

Digitaria mollicoma (Kunth) Henr. New for Bali and Flores: Tampaksiring to Penelokan, 20 August 1972, Veldkamp 6043 (L, BO); Ruteng, 14 June 1975. Veldkamp 6984-a. (L, BO). Previously known from Taiwan and various places in Malesia, always rare. (J.F. VELDKAMP).

Garnotia stricta Brongn. var. *longiseta* Hack. Because Gould (Kew Bull. 27, 1972, 515–562) did not see BO, L, SING material for his revision, the distribution of Malesian species given by him is scanty. He mentioned this variety for the Philippines, Ambon, Aru Is., New Guinea, Queensland, but it also occurs in Celebes, Ujung Pandang, 20 July 1966, Kostermans & Soegeng 8 (BO, L); Moluccas: Ceram, Manusela National Park, 210–1200 m, 22 January 1985, Kato et al. C-5564 (L, BO, TI), 20 Februari, Kato et al. C-17644 (L, BO, TI); Halmaheira, Goal, 10 September 1951, Idjan & Mochtar 167 (BO, L) and on the G. Biaur, A° 1951, Idjan & Mochtar 319 (BO, L).

Garnotia stricta Brongn. var. *stricta*. New for Celebes, Rantepao, G. Kongkang, 800–1000 m, 17 June 1986, Chin 3635 (BO, KLU, L). Very rare and scattered. Known from usually single collections from Bohol, Mondo (Papua New Guinea), Raiatea, Guam, Palau. Jansen (mss) mentions its occurrence also for Makale, a place close to Rantepao, and, like the present specimen aberrant by the absence of hairs at the base of the spikelet. Chin's collection has young inflorescences, which show that the branches are in fascicles and that the spikelets are adaxial.

Ichnanthus pallens (Sw.) Benth. var. *major* (Nees) Stieber [= *I. vicinus* (F.M. Bailey) Merr.]. New for the Lesser Sunda Isles: Flores, Poco Gurung near Ruteng. 17 June 1975. Veldkamp 7060 (L, BO). Previously known from America, S.E. Asia, Malaysia, Java, Sabah, Philippines, New Guinea. (J.F. VELDKAMP).

Ischaemum timorensense Kunth. New for Bali. Desa Banga, between Penibel and Pacung. 8 June 1975. Veldkamp 6940 (L, BO). India to Polynesia, widespread in Malesia. (J.F. VELDKAMP).

Oryza inandamanica described from the Andamans by J.L. Ellis (see Bibliography) is

probably identical with *Oryza meyeriana* var. *meyeriana*, and then a first record outside Malesia.

Poa annua L. New for Bali: Penulisan. 10 July 1975. Veldkamp 7139 (L, BO). Northern temperate weed, in Malesia widely introduced at higher altitudes. (J.F. VELDKAMP).

Racemobambos sp. Genus new for Sumatra: Lampung, December 1987. (E.A. WIDJAJA, in litt.).

Saccharum spontaneum L. New for Australia: Northern Territory, Daly River, Alligator Point, and North Anson Bay. July (S.T. Blake 16650, BRI) and August 1946 (C.T. White s.n., BRI), resp. Known from S.E. Asia to Micronesia. Reported in error as '*Sorghum spontaneum*'.¹⁾

Labiatae

Salvia misella Kunth. New for Bali: Desa Banga, between Penibel and Pacung. 8 June 1975. Veldkamp 6944 (L, BO). Introduced from Central America, in Malesia: Java, Sumbawa, Timor. (J.F. VELDKAMP).

Lecythidaceae

Barringtonia calyptrocalyx K. Schum. New for the Moluccas: Halmaheira, September 1985. Whitmore 3639 (L). Known from New Guinea and the Aru Isl. (M.M.J. VAN BALGOOY).

Leguminosae

Albizia retusa Benth. ssp. *morobei* Nielsen. New for Australia: Queensland, 5 km S. of Coen (13° 58' S, 143° 13' E. June 1981. Maconochie 2712 (BRI). Known from Papua New Guinea.¹⁾

Caesalpinia hymenocarpa (Prain) Hattink. New for Australia: Queensland, Arthur Creek on the track from Batavia Downs to Meluna, 12° 50' S, 142° 36' E. July 1985. Clarkson 6094 (BRI). Known from S.E. Asia to Timor.¹⁾

Cassia mimosoides L. New for Bali: Penulisan. 10 July 1975. Veldkamp 7140 (L, BO). Widespread in the Old World tropics. (J.F. VELDKAMP).

Lythraceae

Rotala cordata Koehne. New for Sumatra: P. Samsosir, between Ambarita and Tuktuk. 31 July 1975. Veldkamp 7160 (L, BO). Previously known from E. India to Vietnam, Malesia: Java (1 ×, not in Fl. Java!), Central Celebes, New Guinea (Vogelkop). (J.F. VELDKAMP). (cf. Cook, Boissiera 29, 1979, 93, map.)

Orchidaceae

Calanthe zollingeri Reichenb. f. New for Borneo. Sabah, Danum Valley. 1985. Previously known from Sumatra, Java. (Roy. Soc. S.E. As. Rain For. Res. Progr. Newsl. 2, 1986, 3).

Palmae

Nenga gajah J. Dransf. New for Borneo. Sabah, Danum Valley. 1986. Previously known from one extant and one extinct population in Sumatra. (Roy. Soc. S.E. As. Rain For. Res. Progr. Newsl. 2, 1986, 3).

Piperaceae

Peperomia pellucida (L.) Kunth. New for Bali. Desa Banga, between Penibel and Pacung. 8 June 1975. Veldkamp 6939 (L, BO). Previously known from S. America, E. India to S. China, Pacific, Australia (N. Territory), wide-pread in Malesia. (J.F. VELDKAMP).

Peperomia tomentosa (Vahl) A. Dietr. New for Flores: Ruteng, 14 June 1975. Veldkamp 6991 (L, BO). Previously known from Java, Buru, New Guinea. (J.F. VELDKAMP).

Pothomorphe subpeltata (Willd.) Miq. New for Flores: Nunang, 15 March 1967, Schmutz 1343; Wae Garit River near Ruteng, 21 June 1975, Veldkamp 7080 (L, BO). Introduced from S. America, widespread in Malesia. (E. SCHMUTZ & J.F. VELDKAMP).

Potamogetonaceae

Halodule uninervis (Forssk.) Aschers. New for Bali: Kampung Botneandang, S. of Tanjungsari, 10 June 1975, Veldkamp 6977 (L, BO). Previously known from the coasts of tropical Africa to the Pacific, and Australia, in Malesia: Malaya, Java, Philippines, Sumbawa (Bima), Ceram, New Guinea. (J.F. VELDKAMP).

Saxifragaceae

Carpodetus cf arborea (Schum. & Laut.) Schltr. Genus new for the Moluccas: Halmheira. September 1985. Whitmore 3675. Known from New Guinea. (M.M.J. VAN BALGOOY).

Styracaceae

Bruinsmia styracoides Koord. New for the Moluccas: Halmheira. September 1985. Whitmore 3678 (L). Known from Sumatra, Borneo, Java, Celebes, and New Guinea. (M.M.J. VAN BALGOOY).

Violaceae

Viola arcuata Blume. New for the Lesser Sunda Isles: Flores, Rana Mese, 20 July 1982, Schmutz 5395 (L). India to China, Malesia: Sumatra, Java, Luzon, Buru, New Guinea. (E. SCHMUTZ).

Viola pilosa Blume. New for Flores: Ruteng, 1 April 1967, Schmutz 1418; Poco Rana-ka near Ruteng, 8 October 1973, Schmutz 3428; 25 June 1975, Veldkamp 7102 (L, BO). India to China, in Malesia: Sumatra (G. Kerinci), Java, Bali, Timor, Celebes (G. Bon-thain), Buru, Ceram. (E. SCHMUTZ & J.F. VELDKAMP).

Vitaceae

Cissus aristolochioides Planch. New for Malesia: Peninsular Malaysia, Kelantan, Jeli Dist., Sungai Renyok, 23 October 1986. Latiff 1855, 2315 (UKMB). Previously known from Thailand and Indochina. (A.M. LATIFF, in litt.).

Zingiberaceae

Hedychium roxburghii Blume. New for Bali. Desa Banga, between Penibel and Pacung. 8 June 1975. Veldkamp 6952 (L, BO). Previously known from Sumatra, Java. (J.F. VELDKAMP).

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